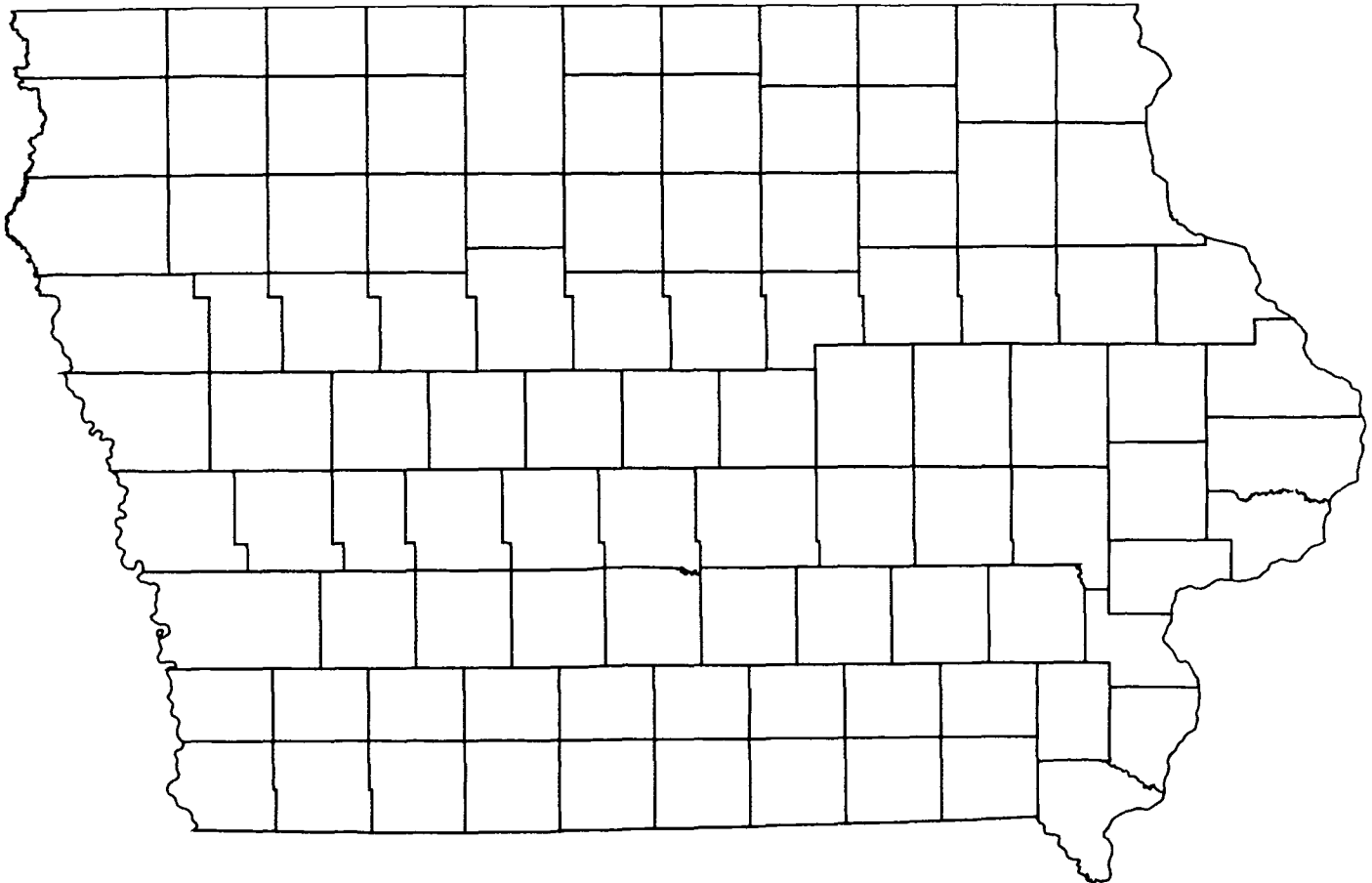




Iowa's Counties:

Selected Population Trends, Vital Statistics, and Socioeconomic Data

2001 Edition



Willis Goudy, Sandra Charvat Burke, and Margaret Hanson
Census Services
Department of Sociology
Iowa State University
Ames, Iowa

October, 2001



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Selected Population Trends, Vital Statistics, and Socioeconomic Data

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Introduction

Willis Goudy, Iowa State University
Sandra Charvat Burke, Iowa State University
Margaret Hanson, Iowa State University

Welcome to the 13th edition of our county data book, which highlights trends occurring throughout Iowa. Special emphasis has been given to the 2000 census data in this volume, which continues our tradition of providing information for several years in most instances and several decades in others. Readers have informed us that this annual publication has become one of the most frequently referenced data sources in the state. As we've done in previous editions, tables have been constructed from varied sources to serve as a reference for demographic and socioeconomic change in Iowa's counties. We've focused primarily on the 1990-2000 period, although one section traces population back to 1850. We are particularly interested in providing data that readers can use to determine trends that are occurring in Iowa; that's why all of the sections with county-level data cover at least two years.

We updated the usual sections with the most recent data available. Release of 2000 census data allowed us to include information on housing, households, families, and children for the first time in 10 years. Also, several sections on age and on race/Hispanic origin now are based on the recent census rather than estimates we provided in previous editions. A section on historical trends of the African-American population has been incorporated. In honor of release of the 2000 data, we present population trends not only for Iowa counties and incorporated places but also those occurring in other states and countries/areas of the world. A section on property tax valuations is included after an absence of one year; items on voter registration, voting for candidates for federal offices, and use of absentee ballots have been updated. And, as always, we found some new items to add, including low birth weight live births, charges of operating a motor vehicle while under the influence of alcohol/drugs, and K-12 students with limited English proficiency. Finally, we included some information from the 2000 census that we hadn't reported after the 1990 census, such as majority/minority residents and one-person households.

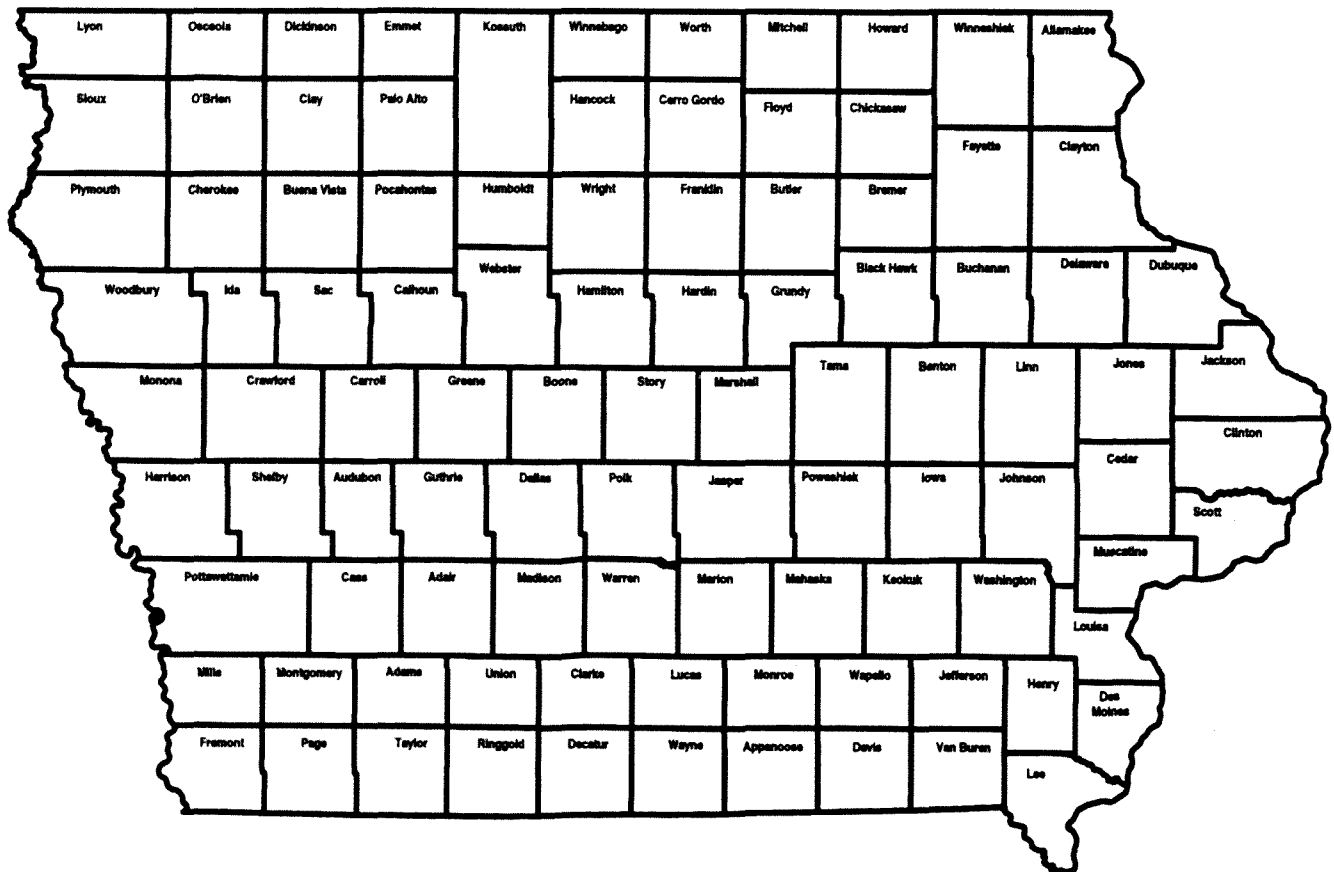
Each data set in this volume is accompanied by a brief analysis of trends. Graphics highlight either changes in state figures or differences across the counties. Definitions are provided where necessary, as well as notes of caution and an indication of the source of the data. For assistance in locating counties mentioned in the text, please see the map included on page 4 and elsewhere in this volume.

We continue to be confident that readers will find sources of data on Iowa's counties that they haven't seen previously—unless it was in previous editions of this publication. Because we add some items each year and delete others, readers interested in having as much information as possible will want to collect and retain all volumes in this series.

We know that the statistics we've included have never been published in one source; indeed, several never have been published previously for the general public. But we've undoubtedly missed other data sets for Iowa's counties that would be valuable to share in future editions. Thus, suggestions on data that would be useful would be appreciated. Although the numbers in the tables have been checked and rechecked, it is possible that some are incorrect. Please inform us of any discrepancies from published documents so that they can be corrected in the next edition of this volume.

Census Services is located at 303 East Hall, Department of Sociology, Iowa State University, Ames, IA 50011. We can be reached by telephone (515-294-6482), fax (515-294-0592), or e-mail (ramiller@iastate.edu, scburke@iastate.edu, mmhanson@iastate.edu, wjgoudy@iastate.edu). Check our homepage on the Internet (<http://www.soc.iastate.edu/census/>) for the latest information.

Note: Renea Miller is the secretary for Census Services. She is our expert on using a microcomputer system to produce maps and figures. She contributes to all phases of this volume and activities of this unit in ways too numerous to capture in a few sentences. Miller does all of this while giving Census Services less than half of her time. We are delighted that she continues to be an important part of our small group of professionals.



Population in Iowa's Counties: 1990 and 2000

Willis Goudy, Iowa State University
Sandra Charvat Burke, Iowa State University

The U.S. Bureau of the Census released population counts from the 2000 census in March of 2001. Iowa's population increased by nearly 150,000 (5.4%) between the 1990 and 2000 censuses.

Fifty-four of Iowa's 99 counties were estimated to have gained residents between 1990 and 2000 (Table 1, Figure 1), with increases greater than 1,000 in 25 of these 54. In Dallas, Johnson, Linn, and Polk, gains exceeded 10,000. Twenty of the 54 counties with gains grew by fewer than 500 inhabitants. Declines occurred in 45 counties, although only in Cherokee and Kossuth were the decreases greater than 1,000. Another 10 noted declines of at least 500.

Two-thirds (67) of Iowa's counties changed by less than five percent between 1990 and 2000, with 30 of these growing and the remaining 37 declining. Ten counties (Benton, Clarke, Dallas, Dickinson, Johnson, Linn, Madison, Mills, Polk, Warren) increased by at least 10 percent or more than a point a year on average. The rate of increase in Dallas (+37.0%) was more than twice that of Johnson (+15.5%), which had the second highest percentage increase. Eight counties declined by 5 percent or more from 1990 to 2000, although none dropped by as much as 10 percent.

Note: Information on change during each decade from 1850 to the present is included in a section on "Population Trends in Iowa's Counties: 1850-2000" elsewhere in this volume.

Figure 1. Population Change, 1990–2000.

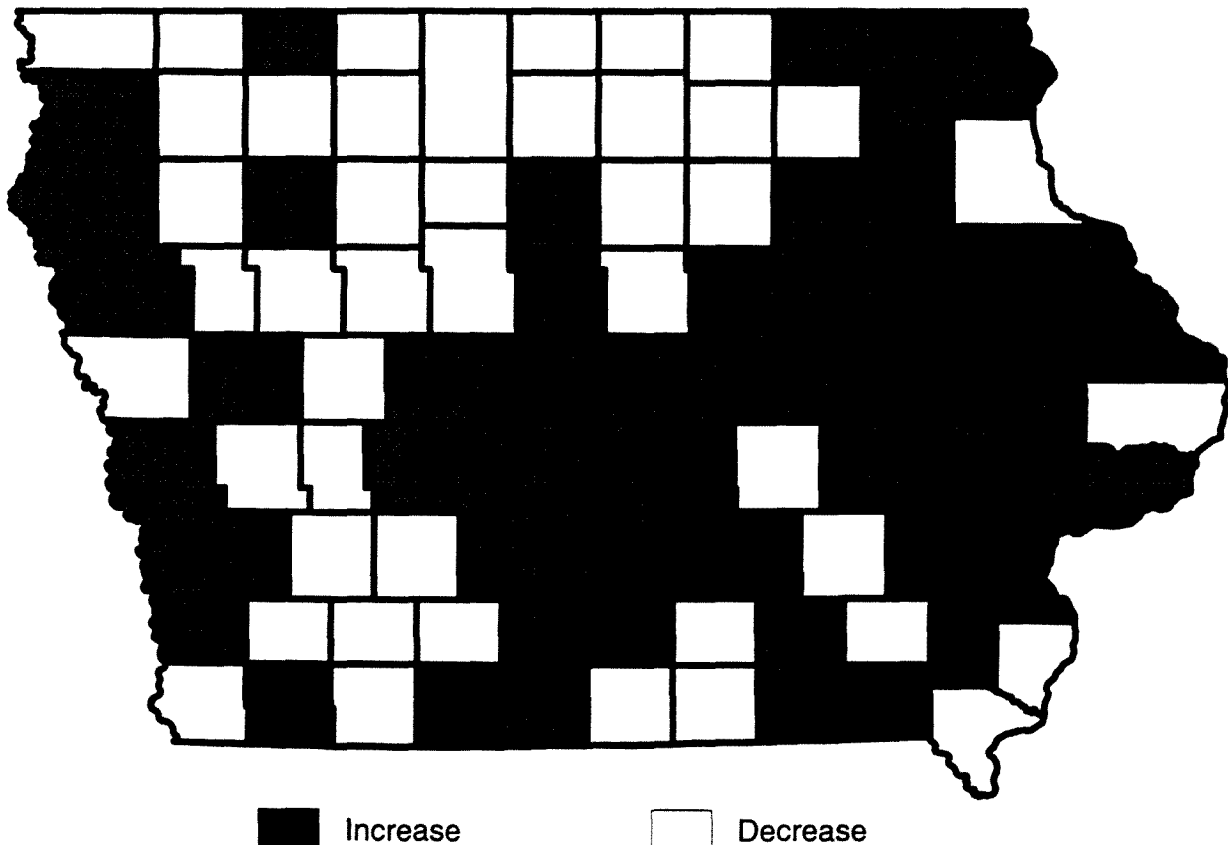


Table 1. Population in Iowa's Counties, 1990 and 2000.

County	2000	1990	Change		County	2000	1990	Change	
			Number	Percent				Number	Percent
Adair	8243	8409	-166	-2.0	Jefferson	16181	16310	-129	-0.8
Adams	4482	4866	-384	-7.9	Johnson	111006	96119	14887	15.5
Allamakee	14675	13855	820	5.9	Jones	20221	19444	777	4.0
Appanoose	13721	13743	-22	-0.2	Keokuk	11400	11624	-224	-1.9
Audubon	6830	7334	-504	-6.9	Kossuth	17163	18591	-1428	-7.7
Benton	25308	22429	2879	12.8	Lee	38052	38687	-635	-1.6
Black Hawk	128012	123798	4214	3.4	Linn	191701	168767	22934	13.6
Boone	26224	25186	1038	4.1	Louisa	12183	11592	591	5.1
Bremer	23325	22813	512	2.2	Lucas	9422	9070	352	3.9
Buchanan	21093	20844	249	1.2	Lucas	9422	9070	352	3.9
Buena Vista	20411	19965	446	2.2	Lyon	11763	11952	-189	-1.6
Butler	15305	15731	-426	-2.7	Madison	14019	12483	1536	12.3
Calhoun	11115	11508	-393	-3.4	Mahaska	22335	21532	803	3.7
Carroll	21421	21423	-2	-0.0	Marion	32052	30001	2051	6.8
Cass	14684	15128	-444	-2.9	Marshall	39311	38276	1035	2.7
Cedar	18187	17444	743	4.3	Mills	14547	13202	1345	10.2
Cerro Gordo	46447	46733	-286	-0.6	Mitchell	10874	10928	-54	-0.5
Cherokee	13035	14098	-1063	-7.5	Monona	10020	10034	-14	-0.1
Chickasaw	13095	13295	-200	-1.5	Monroe	8016	8114	-98	-1.2
Clarke	9133	8287	846	10.2	Montgomery	11771	12076	-305	-2.5
Clay	17372	17585	-213	-1.2	Muscataine	41722	39907	1815	4.5
Clayton	18678	19054	-376	-2.0	O'Brien	15102	15444	-342	-2.2
Clinton	50149	51040	-891	-1.7	Osceola	7003	7267	-264	-3.6
Crawford	16942	16775	167	1.0	Page	16976	16870	106	0.6
Dallas	40750	29755	10995	37.0	Palo Alto	10147	10669	-522	-4.9
Davis	8541	8312	229	2.8	Plymouth	24849	23388	1461	6.2
Decatur	8689	8338	351	4.2	Pocahontas	8662	9525	-863	-9.1
Delaware	18404	18035	369	2.0	Polk	374601	327140	47461	14.5
Des Moines	42351	42614	-263	-0.6	Pottawattamie	87704	82628	5076	6.1
Dickinson	16424	14909	1515	10.2	Poweshiek	18815	19033	-218	-1.1
Dubuque	89143	86403	2740	3.2	Ringgold	5469	5420	49	0.9
Emmet	11027	11569	-542	-4.7	Sac	11529	12324	-795	-6.5
Fayette	22008	21843	165	0.8	Scott	158668	150973	7695	5.1
Floyd	16900	17058	-158	-0.9	Shelby	13173	13230	-57	-0.4
Franklin	10704	11364	-660	-5.8	Sioux	31589	29903	1686	5.6
Fremont	8010	8226	-216	-2.6	Story	79981	74252	5729	7.7
Greene	10366	10045	321	3.2	Tama	18103	17419	684	3.9
Grundy	12369	12029	340	2.8	Taylor	6958	7114	-156	-2.2
Guthrie	11353	10935	418	3.8	Union	12309	12750	-441	-3.5
Hamilton	16438	16071	367	2.3	Van Buren	7809	7676	133	1.7
Hancock	12100	12638	-538	-4.3	Wapello	36051	35696	355	1.0
Hardin	18812	19094	-282	-1.5	Warren	40671	36033	4638	12.9
Harrison	15666	14730	936	6.4	Washington	20670	19612	1058	5.4
Henry	20336	19226	1110	5.8	Wayne	6730	7067	-337	-4.8
Howard	9932	9809	123	1.3	Webster	40235	40342	-107	-0.3
Humboldt	10381	10756	-375	-3.5	Winnebago	11723	12122	-399	-3.3
Ida	7837	8365	-528	-6.3	Winneshiek	21310	20847	463	2.2
Iowa	15671	14630	1041	7.1	Woodbury	103877	98276	5601	5.7
Jackson	20296	19950	346	1.7	Worth	7909	7991	-82	-1.0
Jasper	37213	34795	2418	6.9	Wright	14334	14269	65	0.5
					State of Iowa	2926324	2776831	149569	5.4

Residents by Age and Sex in Iowa's Counties: 1980, 1990, and 2000

Margaret Hanson, Iowa State University
Willis Goudy, Iowa State University
Sandra Charvat Burke, Iowa State University

In July of 2001, the U.S. Bureau of the Census released initial 2000 census information on age for the total population (Table 1) and for females (Table 1A) and males (Table 1B). According to these counts, females outnumbered males in Iowa by 55,000. That was a smaller gap than occurred in the two previous censuses; in 1990, there were 87,000 more females than males, which was a slight increase from the difference of 81,000 reported in 1980. This trend was not continuous through the life span, however. In 2000, males accounted for 51.3 percent of the population 19 or younger and 50.7 percent of 20-39 year olds. Among older age groups, females accounted for 54.7 percent of 60-79 year olds and 67.8 percent of those 80 and older. Among 40-59 year olds in Iowa, the population was evenly divided by sex (50.0% female, 50.0% male).

From 1990 to 2000, the number of Iowa residents under the age of 20 increased by 21,800 (Tables 1, 2). A loss of 52,500 occurred among 20-39 year olds. At the same time, there was an increase of 179,200 among the 40-59 year olds. Part of the relatively large changes in the 20-39 and 40-59 categories can be attributed to the aging of baby-boomers. In 1990, these individuals were 25-44 years of age; 10 years later they were 35-54. Thus, more had moved from the 20-39 group in 1990 to the 40-59 category by 2000. In the 60-79 year old age category, there was a decrease of 17,000 from 1990 to 2000. This decline was due in part to the inclusion of those born in the late 1920s and early 1930s, when birth rates declined substantially. Among those 80 and older, the gain was about 18,100 across the last decade.

In 2000, females outnumbered males in 88 counties. Prisons, labor-intensive industries, and universities may partially explain the exceptions (Allamakee, Buena Vista, Chickasaw, Crawford, Henry, Jasper, Jones, Mills, Page, Story, Webster). For example, there were 2,000 more males aged 20-24 (college age) than females in that age group in Story County—the location of Iowa State University—that year.

Forty counties experienced growth in their populations under the age of 20 from 1990 to 2000. Benton, Dallas, Decatur, Johnson, Linn, Madison, and Polk were the only counties with increases in the 20-39 age category, however. All counties noted gains in their populations age 40-59. While only 11 counties had more persons 60-79 years of age in 2000 than in 1990, 91 had greater numbers 80 and older at the end of the period, although gains in 40 counties were less than 100.

The count of Iowans 75 or older exceeded that under the age of 5 for the first time in this state in the 1990 census (Tables 1-3); that trend has continued. Eighty-four counties in 1990 and 87 in 2000 had more residents 75 or older than under 5 years of age. When the upper category was raised to those 85 or older, then no county had more in the older group than under 5 years of age either year, although the younger group outnumbered those in the older category by less than 100 in Monona, Ringgold, and Wayne. When the numbers of females were compared, only Ringgold had more 85 and older than under the age of 5 in 1990 (Table 2A). By 2000, Adair, Audubon, Calhoun, Monona, Palo Alto, Pocahontas, Sac, and Taylor had more females 85 or older than 4 or younger (Table 1A). In neither year did any county have more males 85 or older than under the age of 5, which reflects the shorter life expectancy of males than females.

Table 1. Age in Iowa's Counties, 2000.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	446	520	604	602	364	357	413	586	659	588	476	391	416	391	384	378	332	336	8243
Adams	247	296	329	283	202	217	208	323	332	288	305	245	247	225	224	209	168	134	4482
Allamakee	859	994	1163	1043	699	737	815	1086	1114	1047	880	810	728	669	636	543	419	433	14675
Appanoose	763	907	990	945	718	726	743	962	1008	902	885	748	686	669	607	568	453	441	13721
Audubon	396	485	547	459	223	268	359	444	481	455	387	372	350	330	396	320	289	269	6830
Benton	1638	2003	2079	1801	1117	1267	1766	2272	2117	1733	1403	1219	991	997	889	796	615	605	25308
Black Hawk	7827	8114	8305	11096	14357	7783	7438	8089	8993	9428	7952	5778	4953	4288	4415	3827	2802	2567	128012
Boone	1580	1761	1946	1936	1492	1446	1563	1962	2126	2058	1669	1278	1112	1035	1001	880	628	751	26224
Bremer	1291	1532	1673	2175	1754	1031	1278	1555	1717	1663	1513	1319	1091	873	823	805	627	605	23325
Buchanan	1450	1582	1837	1736	1136	1141	1223	1582	1603	1458	1364	980	945	745	728	662	494	427	21093
Buena Vista	1209	1431	1573	1852	1595	1012	1168	1404	1598	1496	1106	797	729	735	872	745	535	554	20411
Butler	847	1015	1123	1098	631	751	856	1044	1161	1148	1053	816	685	721	679	674	512	491	15305
Calhoun	570	668	782	801	454	493	602	763	895	889	615	569	556	543	548	516	421	430	11115
Carroll	1287	1542	1775	1723	1034	1022	1194	1570	1766	1532	1130	976	865	908	966	834	690	607	21421
Cass	797	949	1037	1072	635	694	724	1053	1168	1081	884	796	741	693	722	607	499	532	14684
Cedar	1102	1269	1320	1366	811	913	1140	1435	1547	1413	1186	943	790	670	708	582	487	505	18187
Cerro Gordo	2757	3045	3187	3526	2705	2466	2646	3423	3711	3573	2917	2216	2056	1971	2063	1753	1225	1207	46447
Cherokee	717	823	996	1000	557	544	618	895	1069	1046	816	691	609	663	647	544	415	385	13035
Chickasaw	752	939	1044	1011	577	569	736	978	1074	943	761	708	658	560	566	498	371	350	13095
Clarke	583	629	736	688	458	472	533	677	742	654	566	434	401	339	413	302	234	272	9133
Clay	1054	1168	1258	1224	974	951	977	1272	1465	1360	1035	795	715	737	739	686	480	482	17372
Clayton	1077	1265	1474	1399	731	928	1048	1349	1537	1419	1146	956	887	881	829	633	563	556	18678
Clinton	3227	3452	3827	3714	2744	2683	3011	3849	4001	3588	3185	2616	2318	1937	1936	1737	1248	1076	50149
Crawford	1079	1171	1303	1421	893	917	926	1224	1292	1148	1039	902	723	686	698	610	464	446	16942
Dallas	3372	3184	3032	2816	1902	2701	3278	3628	3486	2970	2588	1778	1484	1164	1079	933	689	666	40750
Davis	604	599	691	643	411	417	494	587	651	604	500	434	420	376	341	258	243	268	8541
Decatur	481	545	589	886	914	400	397	521	557	571	469	427	397	388	361	302	240	244	8689
Delaware	1174	1480	1605	1536	821	863	1141	1504	1564	1261	994	866	835	686	690	595	420	369	18404
Des Moines	2662	2884	2887	3124	2357	2411	2493	3066	3104	3182	2990	2295	1829	1650	1678	1631	1071	1037	42351
Dickinson	878	944	1089	1020	756	774	860	1101	1197	1359	1211	981	865	911	848	675	491	464	16424
Dubuque	5920	6314	6460	7075	6111	4939	5715	6700	6916	6417	5509	4272	3692	3301	3178	2723	1923	1978	89143
Emmet	603	673	787	1039	682	558	537	696	832	792	672	504	517	451	495	468	351	370	11027
Fayette	1311	1551	1558	1701	1274	1036	1221	1549	1684	1537	1239	1119	1037	1015	968	882	685	641	22008

Table 1. Age in Iowa's Counties, 2000 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	1045	1176	1237	1200	766	843	974	1137	1177	1221	1100	930	845	703	749	654	594	549	16900
Franklin	601	701	745	847	484	513	553	700	806	786	705	567	500	505	541	473	362	315	10704
Fremont	445	557	630	557	304	391	412	565	578	622	544	433	383	381	361	356	251	240	8010
Greene	602	728	798	779	381	438	544	746	788	733	627	468	494	475	517	484	359	405	10366
Grundy	664	848	981	893	512	548	662	897	999	907	783	644	645	529	565	468	431	393	12369
Guthrie	626	749	774	761	475	489	601	876	850	843	743	618	620	581	574	458	364	351	11353
Hamilton	1057	1130	1245	1128	789	892	963	1242	1353	1125	1023	790	739	694	732	627	476	433	16438
Hancock	737	846	978	961	482	588	608	909	982	930	755	590	564	480	504	481	361	344	12100
Hardin	1076	1139	1330	1737	946	853	924	1242	1459	1320	1106	938	856	803	898	841	658	686	18812
Harrison	942	1154	1253	1119	703	811	899	1258	1262	1095	907	806	691	701	631	563	428	443	15666
Henry	1216	1383	1479	1536	1229	1267	1373	1674	1614	1440	1352	975	808	685	680	635	498	492	20336
Howard	596	724	789	741	445	438	602	702	778	663	531	489	435	425	485	408	361	320	9932
Humboldt	562	647	826	832	440	456	480	728	894	711	619	536	471	505	499	479	366	330	10381
Ida	433	501	645	586	311	356	378	528	615	583	474	373	348	393	405	376	291	241	7837
Iowa	972	1226	1238	1070	617	780	954	1294	1336	1172	880	717	734	642	596	548	405	490	15671
Jackson	1193	1482	1583	1498	937	949	1214	1596	1621	1450	1239	1101	925	943	815	713	520	517	20296
Jasper	2313	2607	2607	2442	1961	2183	2456	2979	3010	2718	2409	1880	1685	1488	1558	1202	912	803	37213
Jefferson	877	1004	1264	1213	819	845	813	1009	1284	1876	1546	817	583	501	512	474	375	369	16181
Johnson	6428	6231	6032	10933	18701	10249	8233	7832	7853	7494	6024	3952	2779	2300	2038	1636	1190	1101	111006
Jones	1128	1394	1440	1378	1123	1167	1345	1684	1661	1527	1248	1032	895	809	804	646	491	449	20221
Keokuk	678	835	852	864	504	561	612	795	939	796	623	545	495	554	488	496	373	390	11400
Kossuth	931	1157	1363	1390	640	713	834	1190	1439	1231	1062	851	908	867	788	738	528	533	17163
Lee	2269	2500	2780	2638	2049	2020	2168	2920	3036	2966	2653	2108	1648	1508	1529	1411	925	924	38052
Linn	13425	14005	13160	13891	13327	13491	13943	15281	15288	13955	12147	8939	7384	6224	5641	4970	3482	3148	191701
Louisa	880	934	996	874	654	732	844	981	936	831	692	589	528	441	440	324	254	253	12183
Lucas	569	679	721	678	431	449	527	668	670	641	549	517	502	445	411	360	277	328	9422
Lyon	788	914	981	917	592	563	681	771	882	850	645	468	500	552	515	445	356	343	11763
Madison	987	1032	1102	1031	613	761	902	1059	1117	1094	894	686	613	526	419	446	341	396	14019
Mahaska	1482	1565	1645	1717	1443	1286	1362	1664	1668	1641	1292	1018	902	820	872	835	592	531	22335
Marion	2015	2267	2371	2591	2140	1775	1879	2355	2478	2276	1892	1546	1366	1153	1190	1100	800	858	32052
Marshall	2557	2734	2820	2889	2128	2208	2454	2718	2962	3003	2623	2077	1685	1576	1564	1436	978	899	39311
Mills	923	1112	1145	1100	629	779	891	1174	1249	1182	1117	770	640	498	454	358	278	248	14547
Mitchell	662	817	887	785	393	479	546	773	831	715	580	541	519	515	549	480	368	434	10874

Table 1. Age in Iowa's Counties, 2000 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	531	654	682	671	414	461	451	674	750	715	553	567	499	539	533	477	404	445	10020
Monroe	512	562	591	558	383	392	501	548	563	549	492	419	380	358	369	349	244	246	8016
Montgomery	713	815	862	820	494	647	651	825	880	845	785	568	481	570	537	475	367	436	11771
Muscatine	2888	3219	3127	3102	2468	2631	2753	3290	3341	3116	2673	2059	1656	1354	1348	1110	808	779	41722
O'Brien	889	964	1123	1198	753	699	758	991	1197	1113	831	693	702	733	738	654	500	566	15102
Osceola	411	488	582	514	334	333	354	515	636	470	375	356	309	319	311	271	213	212	7003
Page	946	1004	1144	1254	936	1003	924	1218	1314	1260	1030	847	732	786	774	745	533	526	16976
Palo Alto	550	622	733	914	587	479	444	642	793	690	560	465	505	528	519	407	341	368	10147
Plymouth	1641	1900	2062	2101	1135	1261	1416	1825	2067	1925	1449	1171	932	976	996	776	634	582	24849
Pocahontas	424	567	758	633	280	322	358	642	707	640	537	461	452	403	439	444	304	291	8662
Polk	27955	27210	25945	25121	25448	29114	30108	31285	29992	27105	23501	17076	12989	11205	10280	8627	6085	5555	374601
Pottawattamie	5796	6295	6619	6672	5393	5418	5678	6929	7018	6499	5510	4278	3627	3308	3167	2544	1612	1341	87704
Poweshiek	1038	1174	1246	1626	1593	891	985	1285	1423	1284	1171	932	850	748	772	677	550	570	18815
Ringgold	320	331	367	430	243	208	243	354	368	365	323	307	298	323	295	258	211	225	5469
Sac	644	719	869	830	508	482	585	745	900	834	692	540	567	562	609	565	432	446	11529
Scott	10989	11538	12147	11698	10363	10821	10964	12060	12870	12227	10527	7786	6001	5065	4546	4011	2687	2368	158668
Shelby	773	948	1050	997	454	553	685	1018	1058	958	761	610	620	631	619	593	435	410	13173
Sioux	2092	2293	2533	3492	2973	1511	1615	2026	2272	2074	1536	1267	1152	1097	1157	1033	769	697	31589
Story	4136	4089	4302	9090	16288	6016	4723	4679	4944	4849	3894	2795	2306	1957	1809	1581	1264	1259	79981
Tama	1255	1302	1337	1354	825	869	1117	1211	1368	1222	1064	923	866	803	795	677	549	566	18103
Taylor	386	446	503	527	327	318	357	444	509	468	414	379	324	331	344	343	269	269	6958
Union	725	753	846	969	650	649	658	885	926	860	880	642	569	548	501	521	377	350	12309
Van Buren	435	538	606	543	359	377	428	520	579	577	497	438	421	342	348	319	237	245	7809
Wapello	2143	2340	2457	2646	2304	2056	2058	2471	2777	2705	2252	1838	1589	1621	1533	1346	969	946	36051
Warren	2778	3003	3243	3317	2587	2137	2629	3362	3346	3099	2676	2064	1615	1379	1049	973	711	703	40671
Washington	1382	1521	1538	1420	969	1065	1246	1575	1652	1465	1307	983	853	822	787	791	642	652	20670
Wayne	338	447	494	469	258	281	317	455	519	443	373	398	337	353	359	351	267	271	6730
Webster	2536	2697	2802	3277	2998	2167	2250	2786	3041	2851	2364	1845	1631	1657	1690	1481	1073	1089	40235
Winnebago	654	734	883	1026	676	576	557	792	904	964	708	548	483	475	516	428	389	410	11723
Winneshiek	1088	1310	1511	2259	2300	875	1130	1453	1701	1386	1151	943	858	752	826	666	573	528	21310
Woodbury	7942	8062	7716	7959	7348	7217	6918	7689	7577	7407	6057	4409	3698	3406	3521	2955	2121	1875	103877
Worth	448	556	541	544	349	403	427	610	639	607	483	400	370	345	351	325	227	284	7909
Wright	816	990	1025	1002	609	667	761	997	1089	1091	876	703	670	647	673	635	529	554	14334
State of Iowa	188413	202603	210547	226420	203663	177259	185801	217897	227302	212663	180131	139052	118360	107373	104562	91505	67655	65118	2926324

Table 1A. Age of Females in Iowa's Counties, 2000.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	221	237	304	289	175	170	200	311	326	256	237	205	218	190	198	216	208	246	4207
Adams	105	157	150	125	108	91	105	155	160	145	149	132	125	120	108	135	111	98	2279
Allamakee	435	474	568	499	329	310	381	535	536	501	438	403	373	317	339	304	262	325	7329
Appanoose	378	463	507	467	353	364	380	481	529	433	465	364	351	380	336	325	283	306	7165
Audubon	196	250	263	229	107	151	176	220	242	204	198	195	176	183	210	179	174	204	3557
Benton	733	947	1001	869	554	642	918	1126	1004	801	672	627	499	524	484	465	364	426	12656
Black Hawk	3851	3944	4002	5797	7520	3886	3632	4097	4782	4766	4053	2898	2601	2302	2502	2231	1839	1851	66554
Boone	758	840	975	880	770	691	774	1018	1030	1026	813	676	554	541	559	518	398	566	13387
Bremer	606	712	832	1136	870	541	641	802	874	812	763	653	556	472	438	492	407	444	12051
Buchanan	678	752	896	825	538	549	635	800	792	701	677	486	465	399	418	377	316	313	10617
Buena Vista	610	672	756	838	739	481	549	699	766	728	527	394	394	407	475	436	333	382	10186
Butler	417	492	561	503	289	349	445	513	570	561	507	397	373	387	377	392	316	351	7800
Calhoun	287	315	394	407	178	218	274	350	425	410	292	294	291	304	283	313	256	319	5610
Carroll	607	786	873	792	493	498	582	793	849	761	558	495	448	508	570	488	436	443	10980
Cass	384	471	467	511	304	337	352	539	576	532	438	408	389	385	389	349	344	383	7558
Cedar	528	637	628	665	382	433	576	753	760	675	574	496	389	351	391	332	275	365	9210
Cerro Gordo	1383	1474	1569	1625	1312	1251	1326	1734	1908	1784	1503	1147	1098	1116	1129	1061	774	899	24093
Cherokee	359	386	470	446	253	286	304	445	526	513	385	346	328	360	348	304	256	290	6605
Chickasaw	356	432	519	466	265	263	370	485	522	461	382	362	330	283	305	284	212	248	6545
Clarke	282	295	362	331	214	239	276	340	343	329	258	229	210	177	242	178	142	190	4637
Clay	533	568	625	596	476	477	473	650	716	676	514	414	379	409	409	418	298	356	8987
Clayton	519	623	738	669	349	442	523	669	763	680	555	455	463	455	449	376	337	389	9454
Clinton	1589	1698	1845	1816	1341	1362	1510	1934	2025	1794	1615	1321	1201	1042	1105	1008	810	792	25808
Crawford	509	558	634	688	390	439	460	591	611	561	505	434	358	357	379	349	282	327	8432
Dallas	1603	1524	1483	1316	938	1420	1670	1830	1735	1502	1315	861	770	600	579	562	422	477	20607
Davis	284	306	322	306	198	208	242	280	318	299	220	228	220	197	191	146	157	193	4315
Decatur	232	249	268	461	439	195	202	284	285	260	222	234	199	199	201	176	163	172	4441
Delaware	608	736	776	730	376	437	580	769	749	601	473	443	408	357	377	334	251	273	9278
Des Moines	1280	1387	1446	1532	1142	1190	1237	1556	1561	1599	1500	1172	966	916	973	975	678	782	21892
Dickinson	430	458	538	487	355	374	422	552	604	705	603	491	454	483	475	377	289	326	8423
Dubuque	2884	3043	3207	3563	3050	2486	2805	3316	3465	3283	2742	2181	1846	1751	1754	1669	1269	1532	45846
Emmet	290	331	387	517	305	272	249	353	417	388	334	261	254	246	286	290	231	261	5672
Fayette	606	763	758	830	535	496	592	764	828	739	608	588	544	570	516	511	441	452	11141

Table 1A. Age of Females in Iowa's Counties, 2000 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	500	577	622	579	401	424	496	559	602	599	527	473	437	381	419	377	382	381	8736
Franklin	296	343	350	409	229	227	279	337	405	360	363	277	254	283	292	285	233	228	5450
Fremont	207	256	308	267	153	197	202	296	273	312	256	221	196	203	203	220	160	168	4098
Greene	292	320	376	358	171	218	282	378	407	360	299	243	247	271	284	277	234	286	5303
Grundy	333	408	464	420	241	261	336	450	512	435	394	303	327	298	315	276	266	280	6319
Guthrie	282	359	374	369	236	231	300	434	403	391	380	307	321	301	310	272	234	240	5744
Hamilton	496	540	619	537	392	412	450	622	636	569	512	408	390	393	374	367	281	303	8301
Hancock	357	426	508	454	234	281	294	454	491	422	378	280	295	260	270	293	213	239	6149
Hardin	527	561	639	729	418	422	444	663	712	635	557	493	455	445	502	484	427	499	9612
Harrison	446	556	569	539	341	398	454	634	635	540	449	411	346	383	351	332	269	318	7971
Henry	594	682	752	711	529	597	607	765	768	690	662	464	406	378	385	360	334	358	10042
Howard	305	355	378	384	198	216	290	331	377	307	265	245	227	237	264	221	210	231	5041
Humboldt	259	312	403	407	212	211	237	379	446	332	306	261	259	268	278	276	218	240	5304
Ida	215	252	306	294	142	174	194	267	295	285	226	187	183	219	229	220	179	174	4041
Iowa	486	597	633	544	301	386	475	654	656	556	427	348	393	335	326	316	244	359	8036
Jackson	546	750	761	705	465	480	599	801	805	695	610	585	441	509	458	399	333	357	10299
Jasper	1100	1226	1289	1187	883	946	1173	1431	1422	1305	1174	932	908	779	858	705	557	582	18457
Jefferson	426	495	650	574	395	419	403	519	654	885	756	423	308	280	277	298	234	265	8261
Johnson	3125	2973	2938	5796	9343	4771	3900	3824	3937	3827	3021	1982	1476	1201	1144	931	772	791	55752
Jones	551	680	703	698	427	483	548	740	723	674	585	519	450	426	449	381	294	332	9663
Keokuk	336	437	406	399	260	275	302	409	455	369	309	279	256	314	245	294	245	282	5872
Kossuth	460	600	670	669	298	359	420	589	693	599	515	440	485	438	446	421	316	368	8786
Lee	1142	1236	1354	1267	985	969	1089	1371	1458	1393	1261	1082	814	810	872	846	601	680	19230
Linn	6516	6932	6387	6878	6733	6742	6868	7591	7643	7042	6163	4543	3862	3279	3143	2873	2215	2326	97736
Louisa	432	459	484	404	337	386	392	481	448	420	322	300	273	233	239	192	149	173	6124
Lucas	279	314	362	325	224	219	263	320	349	324	268	258	255	247	216	214	179	227	4843
Lyon	384	438	474	414	286	261	333	384	427	417	328	223	282	292	272	253	222	239	5929
Madison	479	475	546	464	318	388	465	529	570	560	413	346	306	271	217	261	214	279	7101
Mahaska	729	755	802	827	640	611	669	830	798	816	626	509	463	453	492	472	373	354	11219
Marion	988	1091	1143	1275	1025	862	949	1171	1207	1111	901	751	701	608	636	625	500	598	16142
Marshall	1246	1338	1345	1340	1047	1090	1153	1363	1531	1452	1303	1045	838	825	828	780	591	615	19730
Mills	425	535	540	527	281	406	437	589	627	599	546	378	309	246	251	198	181	175	7250
Mitchell	318	406	426	359	193	229	278	388	410	331	284	285	276	290	294	270	224	295	5556

Table 1A. Age of Females in Iowa's Counties, 2000 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	261	316	329	304	209	218	220	335	385	342	249	298	264	279	298	278	243	331	5159
Monroe	241	299	273	282	177	204	252	269	283	267	249	198	208	195	196	195	148	176	4112
Montgomery	372	393	443	405	247	333	314	426	422	424	397	303	261	311	296	281	248	314	6190
Muscatine	1423	1544	1485	1478	1219	1308	1351	1644	1654	1502	1315	1050	875	707	739	670	529	568	21061
O'Brien	424	458	551	552	344	317	356	504	583	554	398	351	365	401	422	395	319	418	7712
Osceola	219	229	303	253	143	164	174	244	305	229	194	180	164	174	162	161	149	145	3592
Page	475	510	559	562	383	425	386	546	624	613	477	430	367	441	437	426	335	377	8373
Palo Alto	266	304	361	447	270	227	225	313	384	333	262	231	296	290	288	232	216	267	5212
Plymouth	778	933	1016	961	538	646	675	952	1022	947	701	585	474	530	530	431	397	383	12499
Pocahontas	210	256	365	313	128	162	177	313	339	306	255	239	234	216	239	240	197	217	4406
Polk	13575	13372	12525	12454	13307	14759	14961	15687	15251	13822	12094	8872	6919	6121	5783	5192	3983	4185	192862
Pottawattamie	2826	3100	3225	3284	2667	2612	2843	3519	3518	3263	2811	2224	1915	1810	1731	1514	1046	942	44850
Poweshiek	503	562	621	827	823	453	480	648	704	639	574	504	437	400	443	397	354	406	9775
Ringgold	153	171	162	192	113	112	124	190	177	183	161	159	160	166	150	157	137	150	2817
Sac	319	343	411	398	220	253	272	366	421	410	358	260	298	296	335	341	264	332	5897
Scott	5276	5626	5948	5777	5336	5309	5453	6258	6570	6119	5268	3938	3154	2664	2521	2383	1709	1732	81041
Shelby	384	500	485	474	227	275	350	530	504	465	356	323	315	348	322	321	263	283	6725
Sioux	1041	1099	1241	1825	1466	740	778	1009	1116	1002	757	654	595	574	654	589	464	492	16096
Story	2045	1998	2040	4427	7118	2671	2259	2369	2487	2413	1932	1441	1174	1037	1031	925	805	922	39094
Tama	623	626	623	634	400	437	570	607	672	586	530	466	434	437	414	394	346	411	9210
Taylor	191	225	254	240	161	158	168	240	264	216	194	188	165	183	176	209	157	195	3584
Union	367	365	415	457	343	324	334	465	450	452	420	326	291	314	284	305	243	254	6409
Van Buren	236	248	301	256	165	173	199	262	292	276	243	210	224	170	175	186	141	158	3915
Wapello	1038	1164	1209	1214	1110	1002	982	1264	1455	1318	1155	942	843	903	851	789	609	658	18506
Warren	1368	1498	1613	1628	1262	1103	1364	1750	1728	1551	1348	1078	805	696	560	585	466	500	20903
Washington	682	771	751	691	480	537	619	800	818	727	640	507	436	443	455	486	401	465	10709
Wayne	185	207	256	243	125	139	163	237	253	218	191	200	182	190	188	185	173	176	3511
Webster	1231	1315	1359	1452	1174	991	1086	1373	1523	1412	1197	940	864	892	926	845	700	812	20092
Winnebago	305	359	446	485	322	272	291	378	454	472	342	278	259	264	282	261	225	300	5995
Winneshiek	550	624	724	1190	1162	439	526	728	827	656	561	483	434	397	433	379	345	372	10830
Woodbury	3877	3994	3689	3906	3711	3595	3262	3754	3832	3676	3089	2247	1926	1894	1978	1756	1401	1375	52962
Worth	221	257	253	257	157	213	199	291	300	305	231	195	184	182	196	188	144	211	3984
Wright	407	451	505	456	268	331	367	512	518	507	453	354	340	361	385	382	315	395	7307
State of Iowa	91690	98781	102446	110644	99760	87001	91222	109080	113507	105303	89883	70745	61531	57730	57814	53637	42890	47145	1490809

Table 18. Age of Males in Iowa's Counties, 2000.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	225	283	300	313	189	187	213	275	333	332	239	186	198	201	186	162	124	90	4036
Adams	142	139	179	158	94	126	103	168	172	143	156	113	122	105	116	74	57	36	2203
Allamakee	424	520	595	544	370	427	434	551	578	546	442	407	355	352	297	239	157	108	7346
Appanoose	385	444	483	478	365	362	363	481	479	469	420	384	335	289	271	243	170	135	6556
Audubon	200	235	284	230	116	117	183	224	239	251	189	177	174	147	186	141	115	65	3273
Benton	905	1056	1078	932	563	625	848	1146	1113	932	731	592	492	473	405	331	251	179	12652
Black Hawk	3976	4170	4303	5299	6837	3897	3806	3992	4211	4662	3899	2880	2352	1986	1913	1596	963	716	61458
Boone	822	921	971	1056	722	755	789	944	1096	1032	856	602	558	494	442	362	230	185	12837
Bremer	685	820	841	1039	884	490	637	753	843	851	750	666	535	401	385	313	220	161	11274
Buchanan	772	830	941	911	598	592	588	782	811	757	687	494	480	346	310	285	178	114	10476
Buena Vista	599	759	817	1014	856	531	619	705	832	768	579	403	335	328	397	309	202	172	10225
Butler	430	523	562	595	342	402	411	531	591	587	546	419	312	334	302	282	196	140	7505
Calhoun	283	353	388	394	276	275	328	413	470	479	323	275	265	239	265	203	165	111	5505
Carroll	680	756	902	931	541	524	612	777	917	771	572	481	417	400	396	346	254	164	10441
Cass	413	478	570	561	331	357	372	514	592	549	446	388	352	308	333	258	155	149	7126
Cedar	574	632	692	701	429	480	564	682	787	738	612	447	401	319	317	250	212	140	8977
Cerro Gordo	1374	1571	1618	1901	1393	1215	1320	1689	1803	1789	1414	1069	958	855	934	692	451	308	22354
Cherokee	358	437	526	554	304	258	314	450	543	533	431	345	281	303	299	240	159	95	6430
Chickasaw	396	507	525	545	312	306	366	493	552	482	379	346	328	277	261	214	159	102	6550
Clarke	301	334	374	357	244	233	257	337	399	325	308	205	191	162	171	124	92	82	4496
Clay	521	600	633	628	498	474	504	622	749	684	521	381	336	328	330	268	182	126	8385
Clayton	558	642	736	730	382	486	525	680	774	739	591	501	424	426	380	257	226	167	9224
Clinton	1638	1754	1982	1898	1403	1321	1501	1915	1976	1794	1570	1295	1117	895	831	729	438	284	24341
Crawford	570	613	669	733	503	478	466	633	681	587	534	468	365	329	319	261	182	119	8510
Dallas	1769	1660	1549	1500	964	1281	1608	1798	1751	1468	1273	917	714	564	500	371	267	189	20143
Davis	320	293	369	337	213	209	252	307	333	305	280	206	200	179	150	112	86	75	4226
Decatur	249	296	321	425	475	205	195	237	272	311	247	193	198	189	160	126	77	72	4248
Delaware	566	744	829	806	445	426	561	735	815	660	521	423	427	329	313	261	169	96	9126
Des Moines	1382	1497	1441	1592	1215	1221	1256	1510	1543	1583	1490	1123	863	734	705	656	393	255	20459
Dickinson	448	486	551	533	401	400	438	549	593	654	608	490	411	428	373	298	202	138	8001
Dubuque	3036	3271	3253	3512	3061	2453	2910	3384	3451	3134	2767	2091	1846	1550	1424	1054	654	446	43297
Emmet	313	342	400	522	377	286	288	343	415	404	338	243	263	205	209	178	120	109	5355
Fayette	705	788	800	871	739	540	629	785	856	798	631	531	493	445	452	371	244	189	10867

Table 1B. Age of Males in Iowa's Counties, 2000 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	545	599	615	621	365	419	478	578	575	622	573	457	408	322	330	277	212	168	8164
Franklin	305	358	395	438	255	286	274	363	401	426	342	290	246	222	249	188	129	87	5254
Fremont	238	301	322	290	151	194	210	269	305	310	288	212	187	178	158	136	91	72	3912
Greene	310	408	422	421	210	220	262	368	381	373	328	225	247	204	233	207	125	119	5063
Grundy	331	440	517	473	271	287	326	447	487	472	389	341	318	231	250	192	165	113	6050
Guthrie	344	390	400	392	239	258	301	442	447	452	363	311	299	280	264	186	130	111	5609
Hamilton	561	590	626	591	397	480	513	620	717	556	511	382	349	301	358	260	195	130	8137
Hancock	380	420	470	507	248	307	314	455	491	508	377	310	269	220	234	188	148	105	5951
Hardin	549	578	691	1008	528	431	480	579	747	685	549	445	401	358	396	357	231	187	9200
Harrison	496	598	684	580	362	413	445	624	627	555	458	395	345	318	280	231	159	125	7695
Henry	622	701	727	825	700	670	766	909	846	750	690	511	402	307	295	275	164	134	10294
Howard	291	369	411	357	247	222	312	371	401	356	266	244	208	188	221	187	151	89	4891
Humboldt	303	335	423	425	228	245	243	349	448	379	313	275	212	237	221	203	148	90	5077
Ida	218	249	339	292	169	182	184	261	320	298	248	186	165	174	176	156	112	67	3796
Iowa	486	629	605	526	316	394	479	640	680	616	453	369	341	307	270	232	161	131	7635
Jackson	647	732	822	793	472	469	615	795	816	755	629	516	484	434	357	314	187	160	9997
Jasper	1213	1381	1318	1255	1078	1237	1283	1548	1588	1413	1235	948	777	709	700	497	355	221	18756
Jefferson	451	509	614	639	424	426	410	490	630	991	790	394	275	221	235	176	141	104	7920
Johnson	3303	3258	3094	5137	9358	5478	4333	4008	3916	3667	3003	1970	1303	1099	894	705	418	310	55254
Jones	577	714	737	680	696	684	797	944	938	853	663	513	445	383	355	265	197	117	10558
Keokuk	342	398	446	465	244	286	310	386	484	427	314	266	239	240	243	202	128	108	5528
Kossuth	471	557	693	721	342	354	414	601	746	632	547	411	423	429	342	317	212	165	8377
Lee	1127	1264	1426	1371	1064	1051	1079	1549	1578	1573	1392	1026	834	698	657	565	324	244	18822
Linn	6909	7073	6773	7013	6594	6749	7075	7690	7645	6913	5984	4396	3522	2945	2498	2097	1267	822	93965
Louisa	448	475	512	470	317	346	452	500	488	411	370	289	255	208	201	132	105	80	6059
Lucas	290	365	359	353	207	230	264	348	321	317	281	259	247	198	195	146	98	101	4579
Lyon	404	476	507	503	306	302	348	387	455	433	317	245	218	260	243	192	134	104	5834
Madison	508	557	556	567	295	373	437	530	547	534	481	340	307	255	202	185	127	117	6918
Mahaska	753	810	843	890	803	675	693	834	870	825	666	509	439	367	380	363	219	177	11116
Marion	1027	1176	1228	1316	1115	913	930	1184	1271	1165	991	795	665	545	554	475	300	260	15910
Marshall	1311	1396	1475	1549	1081	1118	1301	1355	1431	1551	1320	1032	847	751	736	656	387	284	19581
Mills	498	577	605	573	348	373	454	585	622	583	571	392	331	252	203	160	97	73	7297
Mitchell	344	411	461	426	200	250	268	385	421	384	296	256	243	225	255	210	144	139	5318

Table 1B. Age of Males in Iowa's Counties, 2000 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	270	338	353	367	205	243	231	339	365	373	304	269	235	260	235	199	161	114	4861
Monroe	271	263	318	276	206	188	249	279	280	282	243	221	172	163	173	154	96	70	3904
Montgomery	341	422	419	415	247	314	337	399	458	421	388	265	220	259	241	194	119	122	5581
Muscatine	1465	1675	1642	1624	1249	1323	1402	1646	1687	1614	1358	1009	781	647	609	440	279	211	20661
O'Brien	465	506	572	646	409	382	402	487	614	559	433	342	337	332	316	259	181	148	7390
Osceola	192	259	279	261	191	169	180	271	331	241	181	176	145	145	149	110	64	67	3411
Page	471	494	585	692	553	578	538	672	690	647	553	417	365	345	337	319	198	149	8603
Palo Alto	284	318	372	467	317	252	219	329	409	357	298	234	209	238	231	175	125	101	4935
Plymouth	863	967	1046	1140	597	615	741	873	1045	978	748	586	458	446	466	345	237	199	12350
Pocahontas	214	311	393	320	152	160	181	329	368	334	282	222	218	187	200	204	107	74	4256
Polk	14380	13838	13420	12667	12141	14355	15147	15598	14741	13283	11407	8204	6070	5084	4497	3435	2102	1370	181739
Pottawattamie	2970	3195	3394	3388	2726	2806	2835	3410	3500	3236	2699	2054	1712	1498	1436	1030	566	399	42854
Poweshiek	535	612	625	799	770	438	505	637	719	645	597	428	413	348	329	280	196	164	9040
Ringgold	167	160	205	238	130	96	119	164	191	182	162	148	138	157	145	101	74	75	2652
Sac	325	376	458	432	288	229	313	379	479	424	334	280	269	266	274	224	168	114	5632
Scott	5713	5912	6199	5921	5027	5512	5511	5802	6300	6108	5259	3848	2847	2401	2025	1628	978	636	77627
Shelby	389	448	565	523	227	278	335	488	554	493	405	287	305	283	297	272	172	127	6448
Sioux	1051	1194	1292	1667	1507	771	837	1017	1156	1072	779	613	557	523	503	444	305	205	15493
Story	2091	2091	2262	4663	9170	3345	2464	2310	2457	2436	1962	1354	1132	920	778	656	459	337	40887
Tama	632	676	714	720	425	432	547	604	696	636	534	457	432	366	381	283	203	155	8893
Taylor	195	221	249	287	166	160	189	204	245	252	220	191	159	148	168	134	112	74	3374
Union	358	388	431	512	307	325	324	420	476	408	460	316	278	234	217	216	134	96	5900
Van Buren	199	290	305	287	194	204	229	258	287	301	254	228	197	172	173	133	96	87	3894
Wapello	1105	1176	1248	1432	1194	1054	1076	1207	1322	1387	1097	896	746	718	682	557	360	288	17545
Warren	1410	1505	1630	1689	1325	1034	1265	1612	1618	1548	1328	986	810	683	489	388	245	203	19768
Washington	700	750	787	729	489	528	627	775	834	738	667	476	417	379	332	305	241	187	9961
Wayne	153	240	238	226	133	142	154	218	266	225	182	198	155	163	171	166	94	95	3219
Webster	1305	1382	1443	1825	1824	1176	1164	1413	1518	1439	1167	905	767	765	764	636	373	277	20143
Winnebago	349	375	437	541	354	304	266	414	450	492	366	270	224	211	234	167	164	110	5728
Winneshiek	538	686	787	1069	1138	436	604	725	874	730	590	460	424	355	393	287	228	156	10480
Woodbury	4065	4068	4027	4053	3637	3622	3656	3935	3745	3731	2968	2162	1772	1512	1543	1199	720	500	50915
Worth	227	299	288	287	192	190	228	319	339	302	252	205	186	163	155	137	83	73	3925
Wright	409	539	520	546	341	336	394	485	571	584	423	349	330	286	288	253	214	159	7027
State of Iowa	96723	103822	108101	115776	103903	90258	94579	108817	113795	107360	90248	68307	56829	49643	46748	37868	24765	17973	1435515

Table 2. Age in Iowa's Counties, 1990.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	554	592	647	486	361	498	621	519	467	412	425	410	436	461	481	441	314	284	8409
Adams	343	323	316	311	180	307	349	295	308	269	260	274	274	293	251	214	156	143	4866
Allamakee	991	1106	1082	916	613	874	1043	989	799	720	646	661	718	757	641	538	375	386	13855
Appanoose	872	965	1041	950	671	882	970	898	837	722	642	618	729	772	729	623	438	384	13743
Audubon	507	545	521	429	281	390	492	475	411	366	401	368	452	435	425	333	255	248	7334
Benton	1652	1811	1814	1441	1164	1626	1824	1632	1413	1206	1038	1044	1041	1029	951	803	507	433	22429
Black Hawk	8245	9118	9178	9970	12038	8116	9311	9633	8418	6496	5683	5169	5528	5264	4295	3255	2196	1885	123798
Boone	1664	1838	1776	1511	1315	1772	2043	2069	1720	1321	1216	1170	1240	1195	1041	878	685	732	25186
Bremer	1378	1669	1717	1903	1763	1356	1548	1588	1567	1362	1191	1014	951	1040	912	749	577	528	22813
Buchanan	1616	1876	1920	1499	1032	1401	1578	1487	1359	1049	1019	857	907	951	864	669	406	354	20844
Buena Vista	1416	1532	1465	1479	1558	1347	1529	1462	1103	823	783	833	1060	999	862	722	486	506	19965
Butler	982	1207	1255	1058	666	883	1148	1147	1013	831	725	754	831	897	774	634	500	426	15731
Calhoun	693	870	875	656	397	637	809	856	646	561	581	571	625	726	675	549	390	391	11508
Carroll	1689	1901	1865	1387	1051	1368	1737	1519	1156	1022	911	946	1062	1047	956	740	519	547	21423
Cass	962	1189	1111	932	598	956	1114	1054	942	783	778	733	807	789	766	689	508	417	15128
Cedar	1103	1386	1442	1093	800	1171	1394	1391	1194	994	835	791	854	810	762	605	392	364	17381
Cerro Gordo	3174	3404	3237	3221	2709	3517	3846	3633	3004	2270	2247	2131	2454	2322	1921	1561	1050	1032	46733
Cherokee	930	1110	1135	950	551	868	1029	1077	875	728	667	767	800	727	630	527	381	346	14098
Chickasaw	897	1117	1097	944	545	814	1097	947	800	726	702	578	663	662	569	488	342	307	13295
Clarke	564	649	610	535	384	550	631	637	521	411	430	373	453	386	335	349	239	230	8287
Clay	1245	1406	1474	1134	855	1182	1457	1414	1137	891	786	812	891	861	713	554	362	411	17585
Clayton	1332	1571	1524	1278	885	1256	1444	1391	1089	993	904	936	1000	930	864	717	504	436	19054
Clinton	3585	3898	3932	3531	2814	3635	4048	3761	3473	2837	2578	2275	2522	2397	2131	1599	1072	952	51040
Crawford	1179	1257	1326	1363	797	1120	1263	1127	1065	944	795	781	840	825	729	585	381	398	16775
Dallas	2110	2524	2398	1931	1431	2148	2551	2409	2289	1689	1447	1246	1232	1217	1071	886	614	562	29755
Davis	604	623	668	578	413	534	606	578	491	438	427	391	403	373	365	337	247	236	8312
Decatur	507	567	534	798	702	469	540	515	431	406	356	376	427	411	431	328	270	270	8338
Delaware	1415	1721	1581	1246	918	1310	1518	1250	1032	885	868	814	822	811	668	462	381	333	18035
Des Moines	2798	3281	3157	2844	2450	3035	3149	3303	3099	2508	2036	1955	2075	2102	1614	1329	980	899	42614
Dickinson	817	1002	1111	887	580	874	1037	1215	1006	822	732	829	900	926	817	629	372	353	14909
Dubuque	6017	6781	6790	6809	6319	6305	6831	6607	5619	4579	4059	3714	3832	3624	2902	2363	1709	1543	86403
Emmet	710	888	928	988	632	651	799	833	700	547	533	526	651	618	508	439	324	294	11569
Fayette	1491	1696	1645	1491	1189	1386	1583	1564	1284	1110	1055	1083	1083	1162	1018	857	606	540	21843

Table 2. Age in Iowa's Counties, 1990 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	1119	1263	1311	1141	855	1020	1112	1201	1064	1004	904	780	935	885	886	694	433	451	17058
Franklin	731	892	846	691	476	678	844	833	735	598	553	556	653	623	530	470	339	316	11364
Fremont	516	610	667	550	324	459	541	589	537	427	371	419	441	500	421	376	262	216	8226
Greene	636	747	714	591	414	602	683	717	599	469	513	500	598	568	526	520	342	306	10045
Grundy	775	861	936	728	474	700	875	876	806	693	670	582	643	626	654	523	329	278	12029
Guthrie	630	847	793	656	457	624	723	755	695	586	589	595	689	636	576	455	319	310	10935
Hamilton	1062	1157	1186	1039	745	1092	1256	1167	1058	819	829	791	901	837	777	561	413	381	16071
Hancock	913	1079	1010	836	548	846	1003	957	774	615	584	584	601	624	547	472	347	298	12638
Hardin	1119	1381	1344	1573	874	1075	1414	1335	1130	940	911	922	1027	1073	957	833	582	604	19094
Harrison	1025	1143	1150	993	673	966	1117	968	889	791	695	718	734	777	668	575	422	426	14730
Henry	1276	1425	1365	1350	1326	1435	1539	1449	1388	1042	870	774	806	809	801	623	472	476	19226
Howard	674	757	791	580	417	651	697	624	521	495	454	467	558	504	514	454	336	315	9809
Humboldt	706	821	790	649	422	615	830	750	626	575	505	584	620	635	595	460	306	267	10756
Ida	626	698	640	540	315	516	626	576	499	406	343	399	485	470	393	334	248	251	8365
Iowa	1050	1102	1046	838	690	1055	1205	1058	912	729	724	720	744	746	682	585	355	389	14630
Jackson	1424	1588	1626	1420	1047	1344	1515	1418	1181	1109	961	1024	981	939	814	673	478	408	19950
Jasper	2242	2524	2634	2321	1848	2458	2784	2652	2418	1953	1783	1717	1915	1613	1399	1107	793	634	34795
Jefferson	1062	1244	1087	988	783	1049	1287	1808	1654	967	678	647	655	629	586	479	398	309	16310
Johnson	6157	5807	4862	8758	17630	10610	8920	7763	6127	4118	3080	2674	2475	2149	1754	1325	1007	903	96119
Jones	1266	1401	1505	1295	1265	1541	1560	1499	1289	1032	912	865	913	845	787	660	400	409	19444
Keokuk	753	965	841	748	479	782	872	788	652	570	560	593	611	636	545	514	379	336	11624
Kossuth	1298	1565	1503	1202	714	1162	1422	1288	1086	896	987	973	969	966	853	711	497	499	18591
Lee	2561	2878	2962	2471	2149	2797	3019	3002	2658	2182	1835	1758	1935	1954	1589	1266	916	755	38687
Linn	11930	12124	11715	12291	12902	14337	14667	13743	12399	9589	8319	7393	6863	6421	5008	3973	2671	2422	168767
Louisa	803	884	944	818	710	834	941	894	774	628	563	520	537	497	396	333	273	243	11592
Lucas	570	637	667	595	408	539	627	634	537	522	464	477	515	495	447	400	273	263	9070
Lyon	947	1035	1081	837	545	721	842	861	667	504	530	644	589	583	528	425	312	301	11952
Madison	832	980	1033	929	553	733	944	996	830	680	615	563	545	600	516	450	325	359	12483
Mahaska	1538	1602	1610	1480	1440	1530	1637	1618	1308	1080	926	903	1047	1116	940	756	506	485	21522
Marion	1974	2255	2223	2386	2285	2029	2212	2248	1887	1574	1400	1315	1371	1379	1166	990	706	601	30001
Marshall	2498	2793	2720	2548	2126	2543	2902	3003	2698	2268	1855	1729	1911	1921	1665	1330	883	883	38276
Mills	837	1001	1135	976	649	889	1099	1146	1071	755	661	567	604	502	466	385	251	208	13202
Mitchell	713	848	797	735	476	662	763	713	603	551	534	546	604	617	547	464	348	407	10928

Table 2. Age in Iowa's Counties, 1990 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	604	740	700	619	359	577	661	703	532	532	511	511	604	608	542	497	383	351	10034
Monroe	515	605	607	522	398	514	589	551	508	410	378	415	430	460	413	322	223	254	8114
Montgomery	730	896	864	786	517	787	842	857	794	611	512	621	622	638	594	543	458	404	12076
Muscatine	2942	3240	3186	2874	2482	3172	3330	3095	2845	2191	1914	1624	1675	1540	1342	1032	717	706	39907
O'Brien	1026	1228	1233	989	693	928	1187	1124	825	686	717	755	864	852	732	632	496	477	15444
Osceola	535	560	570	486	340	446	589	500	389	351	326	375	394	376	316	276	200	238	7267
Page	999	1183	1317	1132	773	1032	1196	1259	1056	895	769	839	886	961	808	736	515	514	16870
Palo Alto	680	846	854	811	450	581	775	685	567	494	512	599	626	544	513	463	324	345	10669
Plymouth	1717	2045	1976	1754	1307	1445	1776	1695	1404	1176	1015	1100	1162	1019	924	777	546	550	23388
Pocahontas	650	741	704	563	301	572	697	643	540	511	501	469	555	564	513	402	293	306	9525
Polk	24860	23748	21454	21721	26205	31274	30025	27274	23655	18131	14681	13397	13032	11754	9408	7246	4911	4364	327140
Pottawattamie	6191	6541	6259	5854	5059	6583	6876	6228	5451	4473	4012	3987	4058	3527	2814	2078	1413	1224	82628
Poweshiek	1167	1371	1329	1709	1473	1197	1419	1361	1175	998	909	853	884	880	777	622	462	447	19033
Ringgold	290	418	376	316	195	285	349	338	332	264	284	336	324	343	312	272	199	187	5420
Sac	836	979	974	727	477	716	906	840	713	541	575	613	722	730	624	553	385	413	12324
Scott	11758	12194	11895	10560	10616	12088	13116	12566	11080	8538	7069	6228	5943	5708	4321	3251	2241	1807	150979
Shelby	889	1065	1034	894	537	846	928	933	757	627	650	655	722	708	673	544	374	394	13230
Sioux	2304	2698	2651	2683	2412	1799	2159	2108	1580	1386	1224	1188	1302	1256	1115	872	612	554	29903
Story	4383	4313	3889	7903	15536	6418	5511	5056	3982	3093	2549	2265	2189	2019	1723	1408	1029	986	74252
Tama	1139	1294	1365	1145	870	1089	1245	1196	1037	935	924	861	935	872	831	725	457	499	17419
Taylor	434	532	544	474	268	355	472	479	421	345	320	351	403	435	402	346	280	253	7114
Union	798	942	970	995	667	820	911	913	855	654	592	582	587	653	573	489	388	361	12750
Van Buren	547	606	557	450	376	472	536	531	450	385	420	385	393	426	381	342	232	187	7676
Wapello	2333	2324	2501	2508	2070	2344	2648	2683	2351	1903	1615	1824	1908	1877	1630	1392	985	791	35687
Warren	2596	2924	2984	2934	2435	2557	2866	3010	2787	2275	1847	1605	1268	1221	916	786	501	521	36033
Washington	1449	1485	1513	1220	1004	1404	1537	1448	1239	1014	864	880	914	940	859	702	565	575	19612
Wayne	448	451	498	389	276	412	453	446	374	345	323	366	430	481	447	381	246	301	7067
Webster	2949	3082	2897	2724	2334	2797	3090	2883	2546	2008	1846	1970	2103	2057	1678	1356	1006	1016	40342
Winnebago	793	924	882	1027	601	765	898	932	742	614	507	519	600	555	537	475	420	331	12122
Winneshiek	1413	1487	1448	1994	2182	1343	1591	1353	1151	954	901	877	940	879	822	592	462	458	20847
Woodbury	7465	7999	7883	7220	6531	7485	7798	7615	6389	4711	4056	4125	4556	4300	3618	2746	1941	1838	98276
Worth	503	574	588	494	361	508	567	599	461	418	422	373	455	432	362	374	234	266	7991
Wright	955	966	1009	837	633	873	1043	1012	873	695	697	688	829	845	783	626	447	458	14269
State of Iowa	193203	209338	204217	199416	196419	206616	222003	212120	183201	146052	128376	122335	127353	122454	104507	84486	59404	55255	2776755

Table 2A. Age of Females in Iowa's Counties, 1990.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	282	295	302	242	168	256	311	231	223	222	227	206	214	258	266	264	193	205	4365
Adams	151	157	158	145	90	149	172	139	154	146	132	140	131	172	142	120	93	87	2478
Allamakee	489	555	540	411	288	441	508	465	390	356	323	334	359	391	354	334	250	290	7078
Appanoose	458	464	502	453	342	441	483	449	429	364	335	358	384	415	423	358	257	285	7200
Audubon	252	275	256	204	126	207	241	219	212	189	196	207	235	223	233	208	158	176	3817
Benton	787	878	891	679	590	827	890	787	713	612	514	523	565	552	522	466	330	304	11430
Black Hawk	4032	4406	4458	5158	6305	4206	5061	4909	4300	3221	2933	2679	3002	2844	2515	1976	1470	1413	64888
Boone	837	915	879	729	670	918	1022	1032	817	693	610	598	641	652	595	546	431	575	13160
Bremer	684	842	819	945	844	678	787	792	791	666	590	525	486	577	532	426	365	382	11731
Buchanan	820	903	939	701	497	720	791	724	670	525	500	445	492	508	494	404	238	254	10625
Buena Vista	679	726	745	750	730	652	758	716	548	423	418	447	563	549	481	430	297	363	10275
Butler	480	572	611	487	311	447	593	550	478	394	386	403	440	487	441	356	321	309	8066
Calhoun	346	445	406	315	177	303	411	393	319	297	297	304	323	406	382	361	260	284	6029
Carroll	828	889	954	665	512	671	857	746	554	523	464	495	597	577	548	448	333	404	11065
Cass	462	593	537	443	312	471	551	521	464	398	404	397	416	439	466	422	323	301	7920
Cedar	553	689	730	531	400	613	671	701	570	508	406	407	460	417	406	346	248	249	8905
Cerro Gordo	1524	1628	1543	1655	1382	1810	2012	1817	1542	1190	1179	1175	1273	1288	1119	981	728	776	24622
Cherokee	460	519	593	497	262	437	499	532	416	365	368	403	388	373	366	327	239	251	7295
Chickasaw	446	528	528	424	258	411	535	460	389	364	355	276	344	353	309	283	230	214	6707
Clarke	287	320	297	274	189	285	291	343	243	217	226	183	254	201	201	207	141	169	4328
Clay	632	703	685	579	449	605	749	720	571	445	415	443	467	476	402	335	229	301	9206
Clayton	674	774	750	610	434	628	692	652	554	474	469	476	512	486	492	403	312	292	9684
Clinton	1754	1944	1962	1743	1390	1849	2094	1875	1749	1418	1333	1170	1355	1285	1257	958	706	724	26566
Crawford	598	640	662	643	383	531	612	548	531	472	386	393	430	446	407	357	243	297	8579
Dallas	1031	1197	1140	907	705	1137	1306	1213	1127	818	729	625	648	669	604	539	404	427	15226
Davis	278	310	319	283	204	253	300	296	226	222	226	198	210	207	190	212	138	178	4250
Decatur	242	287	275	389	338	245	272	229	224	204	187	192	236	216	248	177	167	181	4309
Delaware	685	860	782	609	427	681	745	592	501	444	434	406	435	423	366	279	260	242	9171
Des Moines	1447	1592	1528	1325	1240	1576	1596	1664	1549	1248	1033	1039	1133	1155	934	823	686	690	22258
Dickinson	420	513	544	399	281	435	517	620	505	410	381	440	494	481	454	370	244	253	7761
Dubuque	2925	3379	3242	3329	3062	3169	3476	3394	2816	2326	2009	1927	2012	1982	1673	1509	1215	1206	44651
Emmet	344	418	448	474	279	333	420	411	340	269	266	284	354	339	294	275	216	210	5974
Fayette	731	876	796	688	542	686	790	742	625	575	543	564	546	639	584	524	384	388	11223

Table 2A. Age of Females in Iowa's Counties, 1990 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	555	605	682	568	427	520	566	597	535	500	459	409	507	475	515	417	276	333	8946
Franklin	368	423	405	326	240	335	412	386	378	292	291	300	333	354	309	261	220	235	5868
Fremont	245	316	338	281	159	235	279	300	254	224	185	219	242	282	222	230	175	153	4339
Greene	302	370	354	277	203	298	349	368	287	238	259	277	306	311	319	310	211	231	5270
Grundy	380	431	453	352	236	357	441	430	403	328	344	310	345	340	374	304	218	215	6261
Guthrie	302	432	395	326	229	298	362	364	366	272	306	314	368	343	317	269	201	226	5690
Hamilton	526	576	578	502	352	528	602	584	512	433	441	439	442	457	420	319	284	282	8277
Hancock	462	511	502	405	268	437	493	463	383	287	298	309	311	340	317	282	219	210	6497
Hardin	558	680	624	659	409	561	681	653	577	481	476	480	557	582	549	506	367	452	9852
Harrison	464	578	525	515	328	502	558	476	447	404	351	376	382	425	379	358	266	301	7635
Henry	650	678	677	657	561	629	735	698	672	498	418	408	425	435	485	365	313	328	9632
Howard	337	385	390	277	194	320	330	285	273	255	221	256	280	265	271	273	216	214	5042
Humboldt	330	411	392	329	188	310	414	348	321	274	290	305	320	342	322	307	170	174	5547
Ida	302	343	303	245	152	265	309	272	247	201	171	220	258	260	217	204	161	183	4313
Iowa	536	566	520	373	326	539	587	509	438	369	390	366	387	391	378	359	233	295	7562
Jackson	692	743	780	678	515	663	755	696	587	583	472	541	509	492	458	399	316	287	10166
Jasper	1131	1225	1254	1070	908	1243	1353	1320	1198	974	947	905	991	877	779	645	513	472	17805
Jefferson	550	623	520	448	369	549	624	879	790	507	345	352	337	353	347	284	259	217	8353
Johnson	3021	2879	2385	4528	8624	5187	4322	3902	3038	2068	1582	1363	1311	1126	999	813	681	689	48518
Jones	623	703	736	584	460	639	688	668	583	512	439	445	474	474	423	380	246	307	9384
Keokuk	362	468	392	371	232	397	420	370	325	285	293	331	301	345	316	297	236	243	5984
Kossuth	647	767	710	595	352	570	674	623	524	469	519	490	513	528	473	418	326	361	9559
Lee	1250	1384	1400	1232	1057	1355	1436	1441	1270	1109	904	898	1037	1122	917	757	625	565	19759
Linn	5833	5870	5580	6183	6678	7238	7327	6892	6291	4896	4282	3737	3611	3434	2874	2465	1779	1824	86794
Louisa	373	411	471	394	301	403	435	469	371	314	282	266	273	259	209	195	159	173	5758
Lucas	275	311	339	272	207	272	335	322	263	270	224	258	270	248	260	246	178	195	4745
Lyon	453	465	541	400	285	346	410	424	335	237	300	337	299	310	293	251	205	216	6107
Madison	409	454	523	419	266	387	490	485	403	337	309	294	273	317	292	281	194	265	6398
Mahaska	742	758	785	733	697	769	804	797	635	544	473	491	553	607	532	463	310	351	11044
Marion	927	1088	1068	1168	1164	981	1121	1091	930	743	704	651	699	701	612	584	435	416	15083
Marshall	1214	1368	1320	1241	1063	1281	1503	1511	1356	1137	927	895	980	960	916	727	560	612	19571
Mills	390	466	526	485	321	435	554	600	525	361	321	276	311	263	280	234	163	146	6657
Mitchell	348	412	381	360	225	321	372	334	289	277	284	285	312	330	310	264	212	302	5618

Table 2A. Age of Females in Iowa's Counties, 1990 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	293	337	382	291	186	301	330	319	253	275	258	264	331	333	308	295	250	249	5255
Monroe	248	299	292	258	193	258	296	277	257	195	198	210	238	248	231	190	146	177	4211
Montgomery	358	430	426	399	255	411	423	435	390	312	275	318	330	361	371	320	292	281	6387
Muscatine	1413	1554	1593	1378	1245	1632	1639	1549	1390	1123	957	828	872	851	756	629	479	504	20392
O'Brien	503	586	614	463	294	466	581	560	394	368	373	389	478	477	409	367	323	366	8011
Osceola	271	292	261	242	153	218	277	247	190	174	176	202	187	198	196	165	120	171	3740
Page	487	599	648	512	311	509	618	595	497	447	381	453	489	515	470	452	334	380	8697
Palo Alto	336	436	403	350	206	271	377	336	279	246	287	323	327	279	311	289	207	250	5513
Plymouth	875	924	954	843	594	744	879	864	677	589	523	581	577	537	523	456	356	404	11900
Pocahontas	304	365	342	250	151	275	332	318	264	268	256	242	295	287	311	243	191	220	4914
Polk	12080	11564	10452	11098	13897	16135	15381	13868	12301	9341	7638	7018	6893	6588	5533	4627	3399	3434	171247
Pottawattamie	3049	3212	3019	2830	2669	3420	3497	3151	2784	2321	2092	2126	2111	1936	1605	1267	917	907	42913
Poweshiek	572	648	678	858	696	627	700	688	578	536	471	437	469	469	439	369	309	331	9875
Ringgold	127	200	185	163	96	144	176	172	166	132	154	171	156	189	191	160	128	132	2842
Sac	376	461	474	358	220	348	434	409	361	254	298	318	379	402	356	331	241	288	6308
Scott	5745	6008	5772	5289	5430	6289	6786	6310	5581	4289	3652	3161	3122	3109	2461	2008	1541	1334	77887
Shelby	416	509	502	449	254	431	437	464	369	310	327	345	361	376	383	319	238	279	6769
Sioux	1110	1339	1309	1392	1185	904	1083	1032	770	723	619	607	704	683	623	538	406	378	15405
Story	2067	2066	1905	3609	6500	2927	2719	2488	1994	1554	1287	1155	1178	1092	992	869	674	753	35829
Tama	545	636	679	565	435	543	613	577	522	465	457	476	462	474	459	421	300	354	8983
Taylor	217	245	272	248	131	185	238	230	207	175	166	194	205	248	221	203	191	171	3747
Union	404	446	502	502	325	450	452	470	423	332	302	318	308	360	324	301	267	275	6761
Van Buren	268	287	253	193	179	242	273	259	221	189	230	197	194	242	209	194	139	126	3895
Wapello	1172	1080	1209	1203	999	1221	1365	1342	1199	967	840	982	1020	1048	931	836	655	579	18648
Warren	1259	1421	1449	1432	1237	1331	1507	1525	1421	1177	892	809	618	678	508	495	321	408	18488
Washington	720	718	722	589	495	701	763	704	605	525	435	457	488	549	488	413	378	421	10171
Wayne	224	242	248	187	149	224	218	214	195	171	172	184	229	246	247	214	156	213	3733
Webster	1454	1476	1431	1345	1164	1440	1586	1457	1286	1011	958	1043	1096	1085	1009	835	640	765	21081
Winnebago	390	439	441	516	286	368	454	447	354	309	258	276	313	302	299	295	269	237	6253
Winneshiek	705	727	721	1053	1083	647	763	640	567	488	457	445	475	454	450	340	296	332	10643
Woodbury	3572	3945	3833	3564	3302	3739	3978	3792	3246	2389	2107	2190	2449	2380	2123	1709	1318	1355	50991
Worth	241	269	280	239	174	253	279	303	226	212	200	190	239	242	207	228	151	177	4110
Wright	473	485	509	411	300	463	502	486	452	347	343	372	439	482	435	362	282	335	7478
State of Iowa	94449	102037	99430	98018	96977	104358	111710	105567	91765	73891	65820	63746	66948	66554	59763	51231	38950	40739	1431953

Table 2B. Age of Males in Iowa's Counties, 1990.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	272	297	345	244	193	242	310	288	244	190	198	204	222	203	215	177	121	79	4044
Adams	192	166	158	166	90	158	177	156	154	123	128	134	143	121	109	94	63	56	2388
Allamakee	502	551	542	505	325	433	535	524	409	364	323	327	359	366	287	204	125	96	6777
Appanoose	414	501	539	497	329	441	487	449	408	358	307	260	345	357	306	265	181	99	6543
Audubon	255	270	265	225	155	183	251	256	199	177	205	161	217	212	192	125	97	72	3517
Benton	865	933	923	762	574	799	934	845	700	594	524	521	476	477	429	337	177	129	10999
Black Hawk	4213	4712	4720	4812	5733	3910	4250	4724	4118	3275	2750	2490	2526	2420	1780	1279	726	472	58910
Boone	827	923	897	782	645	854	1021	1037	903	628	606	572	599	543	446	332	254	157	12026
Bremer	694	827	898	958	919	678	761	796	776	696	601	489	465	463	380	323	212	146	11082
Buchanan	796	973	981	798	535	681	787	763	689	524	519	412	415	443	370	265	168	100	10219
Buena Vista	737	806	720	729	828	695	771	746	555	400	365	386	497	450	381	292	189	143	9690
Butler	502	635	644	571	355	436	555	597	535	437	339	351	391	410	333	278	179	117	7665
Calhoun	347	425	469	341	220	334	398	463	327	264	284	267	302	320	293	188	130	107	5479
Carroll	861	1012	911	722	539	697	880	773	602	499	447	451	465	470	408	292	186	143	10358
Cass	500	596	574	489	286	485	563	533	478	385	374	336	391	350	300	267	185	116	7208
Cedar	550	697	712	562	400	558	723	690	624	486	429	384	394	393	356	259	144	115	8476
Cerro Gordo	1650	1776	1694	1566	1327	1707	1834	1816	1462	1080	1068	956	1181	1034	802	580	322	256	22111
Cherokee	470	591	542	453	289	431	530	545	459	363	299	364	412	354	264	200	142	95	6803
Chickasaw	451	589	569	520	287	403	562	487	411	362	347	302	319	309	260	205	112	93	6588
Clarke	277	329	313	261	195	265	340	294	278	194	204	190	199	185	134	142	98	61	3959
Clay	613	703	789	555	406	577	708	694	566	446	371	369	424	385	311	219	133	110	8379
Clayton	658	797	774	668	451	628	752	739	535	519	435	460	488	444	372	314	192	144	9370
Clinton	1831	1954	1970	1788	1424	1786	1954	1886	1724	1419	1245	1105	1167	1112	874	641	366	228	24474
Crawford	581	617	664	720	414	589	651	579	534	472	409	388	410	379	322	228	138	101	8196
Dallas	1079	1327	1258	1024	726	1011	1245	1196	1162	871	718	621	584	548	467	347	210	135	14529
Davis	326	313	349	295	209	281	306	282	265	216	201	193	193	166	175	125	109	58	4062
Decatur	265	280	259	409	364	224	268	286	207	202	169	184	191	195	183	151	103	89	4029
Delaware	730	861	799	637	491	629	773	658	531	441	434	408	387	388	302	183	121	91	8864
Des Moines	1351	1689	1629	1519	1210	1459	1553	1639	1550	1260	1003	916	942	947	680	506	294	209	20356
Dickinson	397	489	567	488	299	439	520	595	501	412	351	389	406	445	363	259	128	100	7148
Dubuque	3092	3402	3548	3480	3257	3136	3355	3213	2803	2253	2050	1787	1820	1642	1229	854	494	337	41752
Emmet	366	470	480	514	353	318	379	422	360	278	267	242	297	279	214	164	108	84	5595
Fayette	760	820	849	803	647	700	793	822	659	535	512	519	537	523	434	333	222	152	10620

Table 2B. Age of Males in Iowa's Counties, 1990 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	564	658	629	573	428	500	546	604	529	504	445	371	428	410	371	277	157	118	8112
Franklin	363	469	441	365	236	343	432	447	357	306	262	256	320	269	221	209	119	81	5496
Fremont	271	294	329	269	165	224	262	289	283	203	186	200	199	218	199	146	87	63	3887
Greene	334	377	360	314	211	304	334	349	312	231	254	223	292	257	207	210	131	75	4775
Grundy	395	430	483	376	238	343	434	446	403	365	326	272	298	286	280	219	111	63	5768
Guthrie	328	415	398	330	228	326	361	391	329	314	283	281	321	293	259	186	118	84	5245
Hamilton	536	581	608	537	393	564	654	583	546	386	388	352	459	380	357	242	129	99	7794
Hancock	451	568	508	431	280	409	510	494	391	328	286	275	290	284	230	190	128	88	6141
Hardin	561	701	720	914	465	514	733	682	553	459	435	442	470	491	408	327	215	152	9242
Harrison	561	565	625	478	345	464	559	492	442	387	344	342	352	352	289	217	156	125	7095
Henry	626	747	688	693	765	806	804	751	716	544	452	366	381	374	316	258	159	148	9594
Howard	337	372	401	303	223	331	367	339	248	240	233	211	278	239	243	181	120	101	4767
Humboldt	376	410	398	320	234	305	416	402	305	301	215	279	300	293	273	153	136	93	5209
Ida	324	355	337	295	163	251	317	304	252	205	172	179	227	210	176	130	87	68	4052
Iowa	514	536	526	465	364	516	618	549	474	360	334	354	357	355	304	226	122	94	7068
Jackson	732	845	846	742	532	681	760	722	594	526	489	483	472	447	356	274	162	121	9784
Jasper	1111	1299	1380	1251	940	1215	1431	1332	1220	979	836	812	924	736	620	462	280	162	16990
Jefferson	512	621	567	540	414	500	663	929	864	460	333	295	318	276	239	195	139	92	7957
Johnson	3136	2928	2477	4230	9006	5423	4598	3861	3089	2050	1498	1311	1164	1023	755	512	326	214	47601
Jones	643	698	769	711	805	902	872	831	706	520	473	420	439	371	364	280	154	102	10060
Keokuk	391	497	449	377	247	385	452	418	327	285	267	262	310	291	229	217	143	93	5640
Kossuth	651	798	793	607	362	592	748	665	562	427	468	483	456	438	380	293	171	138	9032
Lee	1311	1494	1562	1239	1092	1442	1583	1561	1388	1073	931	860	898	832	672	509	291	190	18928
Linn	6097	6254	6135	6108	6224	7099	7340	6851	6108	4693	4037	3656	3252	2987	2134	1508	892	598	81973
Louisa	430	473	473	424	409	431	506	425	403	314	281	254	264	238	187	138	114	70	5834
Lucas	295	326	328	323	201	267	292	312	274	252	240	219	245	247	187	154	95	68	4325
Lyon	494	570	540	437	260	375	432	437	332	267	230	307	290	273	235	174	107	85	5845
Madison	423	526	510	510	287	346	454	511	427	343	306	269	272	283	224	169	131	94	6085
Mahaska	796	844	825	747	743	761	833	821	673	536	453	412	494	509	408	293	196	134	10478
Marion	1047	1167	1155	1218	1121	1048	1091	1157	957	831	696	664	672	678	554	406	271	185	14918
Marshall	1284	1425	1400	1307	1063	1262	1399	1492	1342	1131	928	834	931	961	749	603	323	271	18705
Mills	447	535	609	491	328	454	545	546	546	394	340	291	293	239	186	151	88	62	6545
Mitchell	365	436	416	375	251	341	391	379	314	274	250	261	292	287	237	200	136	105	5310

Table 2B. Age of Males in Iowa's Counties, 1990 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	311	403	318	328	173	276	331	384	279	257	253	247	273	275	234	202	133	102	4779
Monroe	267	306	315	264	205	256	293	274	251	215	180	205	192	212	182	132	77	77	3903
Montgomery	372	466	438	387	262	376	419	422	404	299	237	303	292	277	223	223	166	123	5689
Muscatine	1529	1686	1593	1496	1237	1540	1691	1546	1455	1068	957	796	803	689	586	403	238	202	19515
O'Brien	523	642	619	526	399	462	606	564	431	318	344	366	386	375	323	265	173	111	7433
Osceola	264	268	309	244	187	228	312	253	199	177	150	173	207	178	120	111	80	67	3527
Page	512	584	669	620	462	523	578	664	559	448	388	386	397	446	338	284	181	134	8173
Palo Alto	344	410	451	461	244	310	398	349	288	248	225	276	299	265	202	174	117	95	5156
Plymouth	842	1121	1022	911	713	701	897	831	727	587	492	519	585	482	401	321	190	146	11488
Pocahontas	346	376	362	313	150	297	365	325	276	243	245	227	260	277	202	159	102	86	4611
Polk	12780	12184	11002	10623	12308	15139	14644	13406	11354	8790	7043	6379	6139	5166	3875	2619	1512	930	155893
Pottawattamie	3142	3329	3240	3024	2390	3163	3379	3077	2667	2152	1920	1861	1947	1591	1209	811	496	317	39715
Poweshiek	595	723	651	851	777	570	719	673	597	462	438	416	415	411	338	253	153	116	9158
Ringgold	163	218	191	153	99	141	173	166	166	132	130	165	168	154	121	112	71	55	2578
Sac	460	518	500	369	257	368	472	431	352	287	277	295	343	328	268	222	144	125	6016
Scott	6013	6186	6123	5271	5186	5799	6330	6256	5499	4249	3417	3067	2821	2599	1860	1243	700	473	73092
Shelby	473	556	532	445	283	415	491	469	388	317	323	310	361	332	290	225	136	115	6461
Sioux	1194	1359	1342	1291	1227	895	1076	1076	810	663	605	581	598	573	492	334	206	176	14498
Story	2316	2247	1984	4294	9036	3491	2792	2568	1988	1539	1262	1110	1011	927	731	539	355	233	38423
Tama	594	658	686	580	435	546	632	619	515	470	467	385	473	398	372	304	157	145	8436
Taylor	217	287	272	226	137	170	234	249	214	170	154	157	198	187	181	143	89	82	3367
Union	394	496	468	493	342	370	459	443	432	322	290	264	279	293	249	188	121	86	5989
Van Buren	279	319	304	257	197	230	263	272	229	196	190	188	199	184	172	148	93	61	3781
Wapello	1161	1244	1292	1305	1071	1123	1283	1341	1152	936	775	842	888	829	699	556	330	212	17039
Warren	1337	1503	1535	1502	1198	1226	1359	1485	1366	1098	955	796	650	543	408	291	180	113	17545
Washington	729	767	791	631	509	703	774	744	634	489	429	423	426	391	371	289	187	154	9441
Wayne	224	209	250	202	127	188	235	232	179	174	151	182	201	235	200	167	90	88	3334
Webster	1495	1606	1466	1379	1170	1357	1504	1426	1260	997	888	927	1007	972	669	521	366	251	19261
Winnebago	403	485	441	511	315	397	444	485	388	305	249	243	287	253	238	180	151	94	5869
Winneshiek	708	760	727	941	1099	696	828	713	584	466	444	432	465	425	372	252	166	126	10204
Woodbury	3893	4054	4050	3656	3229	3746	3820	3823	3143	2322	1949	1935	2107	1920	1495	1037	623	483	47285
Worth	262	305	308	255	187	255	288	296	235	206	222	183	216	190	155	146	83	89	3881
Wright	482	481	500	426	333	410	541	526	421	348	354	316	390	363	348	264	165	123	6791
State of Iowa	98754	107301	104787	101398	99442	102258	110293	106553	91436	72161	62556	58589	60405	55900	44744	33255	20454	14516	1344802

Table 3. Age in Iowa's Counties, 1980.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	738	649	673	758	658	649	514	481	446	461	505	531	572	570	486	352	218	248	9509
Adams	410	379	380	504	371	346	360	296	302	311	314	347	334	342	272	207	131	125	5731
Allamakee	1191	1141	1298	1466	1089	1039	868	749	679	680	737	810	792	753	630	483	376	327	15108
Appanoose	1197	1129	1124	1362	1077	1067	986	756	696	676	778	893	879	847	794	593	361	296	15511
Audubon	611	550	706	744	563	528	481	426	451	399	496	501	509	470	379	304	220	221	8559
Benton	1862	1676	2093	2244	1811	1742	1494	1394	1188	1158	1190	1187	1155	1130	849	640	446	390	23649
Black Hawk	11064	9827	10755	14094	16388	12934	10240	7501	6496	5906	6613	6483	5589	4675	3608	2655	1702	1431	137961
Boone	1820	1700	1884	2269	2190	2240	1814	1432	1303	1241	1342	1358	1285	1196	1013	866	644	587	26184
Bremer	1899	1798	2134	2599	2390	1785	1751	1474	1314	1110	1098	1161	1046	976	863	631	426	365	24820
Buchanan	2118	1949	2114	2292	1885	1735	1598	1167	1094	953	1035	1089	1081	949	708	522	343	268	22900
Buena Vista	1525	1355	1428	2046	1929	1615	1220	924	888	957	1195	1184	1125	984	788	638	513	460	20774
Butler	1388	1348	1438	1467	1274	1267	1205	927	805	817	905	1001	917	883	740	608	370	308	17668
Calhoun	933	882	1017	1174	950	942	683	662	641	648	731	807	813	758	611	552	408	330	13542
Carroll	2003	1698	2122	2324	1825	1689	1308	1100	991	1044	1167	1138	1150	986	858	634	465	449	22951
Cass	1207	1185	1206	1460	1223	1188	1061	871	835	788	934	893	896	941	776	634	439	395	16932
Cedar	1444	1339	1548	1680	1381	1416	1312	1105	958	857	984	930	966	836	641	532	396	310	18635
Cerro Gordo	3360	3257	3420	4448	4314	4039	3339	2506	2452	2370	2786	2734	2470	2117	1728	1377	963	778	48458
Cherokee	1256	1114	1251	1463	1176	1272	1020	855	751	854	920	903	865	722	643	502	338	333	16238
Chickasaw	1215	1215	1433	1548	1266	1077	906	847	796	643	806	756	698	668	554	459	319	231	15437
Clarke	642	609	694	686	659	622	536	466	452	387	507	443	433	464	374	284	195	159	8612
Clay	1668	1397	1468	1741	1720	1677	1411	1044	918	936	999	1027	897	800	637	528	385	323	19576
Clayton	1691	1560	1730	1932	1650	1519	1194	1078	1005	1005	1095	1091	1103	1080	872	669	465	359	21098
Clinton	4383	4319	4965	5394	4616	4446	4089	3270	2939	2688	2966	2984	2682	2366	1830	1398	982	805	57122
Crawford	1605	1480	1511	1856	1506	1375	1218	1048	886	873	942	1044	931	805	619	542	378	316	18935
Dallas	2322	2283	2541	2524	2139	2348	2370	1883	1641	1408	1431	1422	1367	1161	929	740	522	482	29513
Davis	700	693	709	791	722	576	572	488	452	427	458	469	487	495	379	324	198	164	9104
Decatur	604	658	668	1130	1042	648	536	484	412	406	462	450	499	467	438	350	279	261	9794
Delaware	1672	1518	1892	2036	1563	1344	1104	934	924	873	923	945	835	688	640	453	341	248	18933
Des Moines	3454	3380	3695	4137	3543	3724	3464	2700	2239	2189	2420	2608	2142	1872	1667	1312	958	699	46203
Dickinson	1196	1048	1134	1212	1098	1308	1077	852	704	786	830	871	975	860	651	485	299	243	15629
Dubuque	7483	7430	8818	10338	9222	7867	6404	4956	4440	4149	4357	4254	3625	3226	2601	2038	1358	1179	93745
Emmet	1109	1007	1009	1271	1121	1050	858	627	635	601	727	691	663	580	477	381	272	257	13336
Fayette	1905	1841	2164	2496	2074	1826	1470	1285	1194	1191	1210	1364	1314	1235	1064	784	595	476	25488

Table 3. Age in Iowa's Counties, 1980 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	1477	1451	1676	1776	1321	1391	1267	1146	1002	902	1057	1027	1082	920	735	556	392	419	19597
Franklin	963	908	934	1046	923	992	823	689	667	620	765	772	688	677	595	424	292	258	13036
Fremont	724	694	651	748	599	638	613	480	423	466	493	590	545	536	432	325	257	187	9401
Greene	877	816	935	1044	792	846	760	559	597	545	658	686	690	715	577	419	318	285	12119
Grundy	1059	1018	1188	1250	986	1051	946	855	777	679	762	737	816	714	560	405	278	285	14366
Guthrie	838	812	908	997	661	787	731	595	572	591	665	706	746	668	558	453	362	333	11983
Hamilton	1329	1243	1322	1607	1331	1270	1221	922	898	922	1047	1033	973	826	706	534	366	312	17862
Hancock	1139	1067	1083	1165	1070	1158	899	695	662	648	718	722	676	643	527	396	288	277	13833
Hardin	1472	1422	1613	2261	1706	1566	1264	1165	1014	1032	1138	1231	1138	1047	896	803	523	485	21776
Harrison	1210	1239	1352	1531	1173	1076	948	853	781	799	855	893	822	801	684	574	408	349	16348
Henry	1379	1332	1397	1738	1709	1434	1458	1073	926	809	873	923	951	844	709	537	415	383	18890
Howard	821	759	928	1060	737	716	591	513	503	482	626	596	650	604	534	426	307	261	11114
Humboldt	913	814	930	1061	882	837	734	639	588	645	700	735	750	617	501	381	271	248	12246
Ida	654	611	692	728	614	607	519	447	397	455	533	547	483	436	401	305	241	238	8908
Iowa	1098	1038	1193	1392	1202	1124	995	759	808	784	841	847	820	792	593	496	329	318	15429
Jackson	1827	1789	2157	2335	1722	1573	1383	1254	1055	1124	1099	1094	983	962	775	569	437	365	22503
Jasper	2703	2683	2889	3108	2798	2780	2533	2137	1987	1909	2151	1985	1795	1563	1252	973	626	553	36425
Jefferson	1069	1084	1143	1291	1510	1698	1438	911	752	719	739	754	757	679	655	434	366	317	16316
Johnson	5311	4503	4966	8677	16068	11006	7255	4485	3302	2903	2728	2496	2206	1797	1484	1120	759	651	81717
Jones	1542	1490	1726	2018	1831	1626	1332	1107	1012	927	1052	995	999	909	674	529	327	305	20401
Keokuk	892	895	973	1161	887	900	728	603	561	640	652	725	714	748	669	511	353	309	12921
Kossuth	1748	1644	1861	2152	1691	1543	1321	1051	1054	1063	1144	1197	1126	987	830	697	467	315	21891
Lee	3243	3075	3360	3892	3537	3590	3123	2507	2053	2024	2275	2429	2112	1824	1512	1129	794	627	43106
Linn	12747	12793	14248	16441	16319	15517	14119	10628	9101	8214	8089	7875	6561	5475	4210	3354	2205	1879	169775
Louisa	976	968	1047	1116	918	952	837	678	665	565	590	556	520	532	412	312	232	179	12055
Lucas	722	724	762	840	698	713	575	574	523	561	556	575	592	562	489	383	243	221	10313
Lyon	1162	1006	1096	1178	883	983	761	545	595	693	678	693	652	596	500	377	281	217	12896
Madison	958	995	1002	1064	756	877	852	758	661	597	616	694	610	603	528	418	298	310	12597
Mahaska	1696	1576	1670	1969	2111	1883	1476	1189	994	991	1198	1273	1164	1045	895	726	534	477	22867
Marion	2246	2168	2276	2807	2832	2271	2006	1682	1467	1321	1451	1500	1372	1279	1078	772	628	513	29669
Marshall	2989	3065	3388	3692	3361	3441	3147	2471	2160	1935	2098	2139	1996	1773	1406	1070	778	743	41652
Mills	1073	1087	1094	1112	1049	1150	1080	806	683	633	649	624	657	547	419	331	227	185	13406
Mitchell	852	879	1017	1217	906	773	632	611	547	606	664	673	647	628	565	438	362	312	12329

Table 3. Age in Iowa's Counties, 1980 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	798	799	811	1003	736	839	620	565	550	566	653	705	693	670	639	428	332	285	11692
Monroe	642	645	681	814	712	624	556	481	407	435	472	543	503	470	433	377	210	204	9209
Montgomery	994	940	910	1033	964	983	867	658	559	678	720	742	725	748	678	525	348	341	13413
Muscatine	3357	3291	3507	3775	3460	3329	3036	2449	2089	1826	1888	1850	1694	1469	1213	907	674	622	40436
O'Brien	1361	1111	1213	1585	1365	1266	896	770	776	868	967	926	883	844	724	559	472	386	16972
Osceola	628	620	682	749	629	552	465	427	364	422	445	494	453	412	358	281	208	182	8371
Page	1407	1352	1258	1508	1380	1407	1160	1016	850	868	1020	1143	1052	1032	837	762	543	468	19063
Palo Alto	936	911	1005	1378	978	846	673	562	586	664	694	654	673	656	534	427	305	239	12721
Plymouth	2041	1889	2030	2559	2120	1806	1482	1240	1108	1211	1282	1215	1203	1090	859	640	506	462	24743
Pocahontas	754	755	936	1086	703	753	613	576	573	498	644	698	687	561	476	450	329	277	11369
Polk	22183	21824	23729	27678	30307	29388	25010	18711	15340	14630	15482	14863	12530	10350	8045	5949	3948	3203	303170
Pottawattamie	6844	6805	7358	8641	7362	6896	6034	4868	4408	4441	4800	4360	3733	3178	2571	1947	1321	994	86561
Poweshiek	1276	1331	1452	2079	1989	1392	1221	1004	942	851	953	992	956	854	665	589	376	384	19306
Ringgold	410	414	387	444	403	419	368	272	281	323	354	375	365	364	329	250	180	174	6112
Sac	1074	923	1058	1188	966	997	806	635	662	660	830	847	808	746	669	552	377	320	14118
Scott	13543	12812	14096	14574	15572	15509	13566	10063	8227	7381	7343	7260	5825	4678	3701	2654	1827	1391	160022
Shelby	1074	1129	1353	1502	1040	1037	860	734	746	754	778	817	798	686	577	460	341	357	15043
Sioux	2877	2340	2482	3585	3347	2301	1692	1491	1384	1270	1404	1395	1339	1134	982	792	558	440	30813
Story	4490	3750	4036	9737	16311	7417	4902	3442	2767	2444	2524	2372	2098	1737	1502	1140	859	798	72326
Tama	1449	1379	1674	1718	1343	1365	1179	1024	1003	962	1044	1014	1053	1035	771	647	477	396	19533
Taylor	583	552	574	673	551	528	481	413	347	373	456	502	544	505	433	344	272	222	8353
Union	1014	1048	1010	1244	1022	970	967	708	628	663	630	748	729	685	644	497	368	283	13858
Van Buren	665	616	684	751	563	571	530	469	427	378	427	470	459	466	427	320	219	184	8626
Wapello	2823	2734	2967	3448	3180	3165	2546	2164	1830	2029	2138	2211	2187	2078	1860	1320	853	708	40241
Warren	2816	3204	3321	3419	2689	2822	3052	2551	2039	1749	1477	1413	1102	963	760	574	467	460	34878
Washington	1549	1438	1657	1792	1496	1573	1362	1043	984	966	991	1040	975	879	806	672	500	418	20141
Wayne	553	502	530	602	528	517	446	371	355	363	486	521	545	500	460	403	290	227	8199
Webster	3426	3132	3537	4652	3862	3536	3046	2369	2167	2289	2469	2488	2232	2007	1625	1280	944	892	45953
Winnebago	903	883	967	1324	1002	976	792	649	599	568	678	665	707	668	610	437	329	253	13010
Winneshiek	1507	1427	1771	2818	2655	1376	1242	1005	958	955	1035	1043	991	842	780	677	467	327	21876
Woodbury	8426	7725	7684	9205	8984	8586	7052	5218	4523	4647	5406	5337	4677	3966	3348	2685	1882	1533	100884
Worth	666	618	647	717	628	679	583	498	448	431	475	498	494	493	413	352	229	206	9075
Wright	1175	1080	1194	1392	1159	1106	1019	825	810	761	914	962	970	888	740	553	406	365	16319
State of Iowa	221628	211041	231700	277633	272024	243200	205954	161246	141451	135520	145902	145854	133071	117905	96949	75104	52686	44940	2913808

Table 3A. Age of Females in Iowa's Counties, 1980.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	350	324	317	340	293	305	238	254	239	235	235	280	310	290	269	216	132	178	4805
Adams	201	175	186	220	166	174	174	159	167	148	145	189	189	174	152	114	74	78	2885
Allamakee	607	527	628	718	509	501	422	370	345	339	370	424	397	417	346	286	226	209	7641
Appanoose	606	560	556	652	535	538	507	387	351	386	413	460	470	454	443	369	236	214	8137
Audubon	292	261	342	364	270	236	236	225	221	222	250	258	259	253	211	183	155	162	4400
Benton	927	823	1024	1080	882	832	741	739	568	588	620	634	596	589	498	363	296	266	12066
Black Hawk	5402	4823	5195	7215	8611	6406	5082	3732	3311	3007	3440	3343	3027	2556	2146	1688	1125	1050	71159
Boone	884	824	945	1132	1068	1106	865	759	631	630	684	723	691	690	583	556	413	413	13597
Bremer	907	865	1035	1281	1192	869	885	734	663	553	534	629	562	521	454	392	278	259	12613
Buchanan	1038	956	1009	1092	927	821	796	580	542	468	538	562	588	518	376	301	225	186	11523
Buena Vista	763	656	710	1022	913	777	595	481	471	496	633	610	591	526	439	392	329	321	10725
Butler	670	656	702	695	617	615	564	445	429	418	477	510	497	461	411	370	222	201	8960
Calhoun	434	438	509	578	485	426	351	366	332	338	382	438	429	438	344	342	250	218	7098
Carroll	1023	844	974	1108	898	822	616	579	511	525	631	610	624	553	492	382	294	319	11805
Cass	576	573	598	704	578	586	526	437	438	417	475	475	501	506	430	380	301	259	8760
Cedar	748	634	744	823	675	694	623	556	479	428	513	463	494	436	353	323	260	210	9456
Cerro Gordo	1623	1650	1657	2225	2331	2069	1685	1272	1255	1289	1422	1457	1361	1180	1007	869	657	550	25559
Cherokee	625	579	584	711	552	617	475	425	401	464	445	460	462	411	360	278	229	220	8298
Chickasaw	589	580	726	756	600	508	449	417	391	317	410	398	369	343	310	275	193	166	7797
Clarke	316	301	344	339	307	320	253	247	232	198	270	214	245	251	199	170	118	104	4428
Clay	824	676	733	942	885	836	681	519	473	489	505	551	466	446	374	321	263	198	10182
Clayton	835	734	833	909	799	694	589	538	501	516	560	546	580	556	470	368	292	239	10559
Clinton	2107	2111	2369	2698	2333	2161	2088	1631	1487	1389	1533	1546	1438	1288	1053	868	647	567	29314
Crawford	798	716	762	901	709	670	585	522	439	433	478	545	477	423	343	324	242	221	9588
Dallas	1126	1119	1222	1232	1109	1190	1214	940	830	681	718	746	721	631	552	437	353	341	15162
Davis	329	332	351	353	325	291	277	256	232	223	233	247	249	270	192	199	120	118	4597
Decatur	303	326	315	593	506	304	269	255	206	209	247	236	267	248	254	199	164	172	5073
Delaware	835	750	931	1049	731	628	546	474	455	442	451	491	432	361	387	264	212	182	9621
Des Moines	1678	1633	1755	2082	1796	1855	1769	1332	1138	1135	1276	1352	1166	1065	1007	843	648	504	24034
Dickinson	598	480	567	599	567	650	531	417	347	426	438	451	531	455	356	277	182	175	8047
Dubuque	3634	3687	4324	5054	4734	4003	3155	2490	2179	2125	2197	2205	1957	1850	1582	1351	1004	892	48423
Emmet	525	488	473	631	552	499	419	316	308	316	377	368	376	324	278	236	167	177	6830
Fayette	913	902	1056	1189	982	854	732	662	594	625	596	720	691	661	566	486	377	327	12933

Table 3A. Age of Females in Iowa's Counties, 1980 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	727	727	815	846	705	692	617	577	498	474	552	527	571	503	418	354	273	293	10169
Franklin	451	436	463	519	445	459	417	338	346	331	382	414	371	355	321	266	187	173	6674
Fremont	338	366	303	360	290	327	306	250	202	242	263	323	261	300	238	190	169	131	4859
Greene	414	397	431	519	381	415	364	288	296	306	338	359	379	384	330	251	210	207	6269
Grundy	516	496	565	572	470	503	473	424	381	353	414	381	434	380	328	238	190	216	7334
Guthrie	425	413	455	478	310	373	384	293	291	302	345	374	405	342	312	276	234	228	6240
Hamilton	651	600	626	769	638	633	576	471	470	502	509	554	492	438	406	322	232	219	9108
Hancock	578	534	535	497	544	551	423	342	330	335	365	363	347	350	294	243	185	203	7019
Hardin	711	681	777	1005	802	741	640	581	531	517	610	632	609	576	512	502	349	358	11134
Harrison	561	618	650	748	561	551	484	435	392	416	443	472	423	444	373	333	258	245	8407
Henry	689	667	698	862	846	717	724	508	447	430	458	475	536	467	404	323	269	279	9799
Howard	394	379	485	505	337	338	292	261	252	258	297	295	339	330	290	248	189	173	5662
Humboldt	455	394	474	509	423	384	380	308	318	339	353	371	385	353	251	229	165	166	6257
Ida	312	275	346	321	280	285	261	217	203	250	269	289	249	243	223	172	163	150	4508
Iowa	540	496	585	669	561	550	484	374	435	391	426	448	422	440	334	308	218	223	7904
Jackson	896	861	1056	1125	857	777	673	660	503	579	546	548	532	502	413	330	273	244	11375
Jasper	1319	1243	1422	1517	1360	1384	1270	1067	1048	978	1086	1020	943	841	710	608	391	401	18608
Jefferson	488	483	589	648	698	773	690	458	380	389	374	399	412	365	372	261	235	225	8239
Johnson	2574	2228	2422	4566	8140	5255	3557	2236	1662	1449	1426	1260	1185	1008	887	702	529	479	41565
Jones	737	697	868	935	663	713	615	553	500	472	540	514	525	499	371	299	216	203	9920
Keokuk	428	432	485	552	433	412	368	294	284	350	325	368	378	389	375	298	225	202	6598
Kossuth	837	807	866	1021	784	723	644	537	559	531	589	617	590	516	458	399	305	215	10998
Lee	1569	1486	1618	1919	1696	1682	1443	1236	985	1005	1182	1312	1104	990	935	694	557	438	21851
Linn	6158	6224	7105	8444	8449	7797	7132	5345	4598	4118	4122	4023	3470	3061	2479	2161	1519	1351	87556
Louisa	494	485	506	530	447	485	408	346	329	289	292	295	268	260	223	181	147	124	6109
Lucas	369	346	374	429	364	367	280	287	251	301	267	298	318	309	279	241	153	161	5394
Lyon	566	488	526	555	416	470	377	263	326	353	341	353	340	325	272	226	177	137	6511
Madison	486	449	476	479	380	426	412	382	328	314	292	364	336	319	284	265	175	226	6393
Mahaska	827	782	792	946	1041	920	728	599	485	518	624	680	614	585	501	448	372	312	11774
Marion	1062	1049	1150	1481	1416	1118	979	815	742	661	707	754	692	679	602	451	362	299	15019
Marshall	1474	1474	1667	1849	1790	1700	1570	1271	1079	1005	1031	1102	1036	919	801	658	491	506	21423
Mills	493	545	554	509	508	579	531	400	337	304	337	314	359	290	244	194	146	134	6778
Mitchell	415	447	484	607	432	345	302	309	285	312	336	348	336	350	302	269	237	213	6329

Table 3A. Age of Females in Iowa's Counties, 1980 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	420	387	403	489	344	387	292	297	271	288	339	371	366	363	361	232	206	196	6012
Monroe	319	308	311	382	340	307	278	219	230	221	249	288	275	250	240	227	131	142	4717
Montgomery	490	483	434	525	467	487	423	323	309	361	371	384	411	396	397	301	242	240	7044
Muscatine	1674	1550	1723	1872	1705	1665	1476	1249	1043	900	955	966	904	818	710	552	453	428	20643
O'Brien	664	556	582	750	634	621	429	397	407	454	518	479	479	466	428	338	285	263	8750
Osceola	277	297	316	367	309	252	230	219	188	226	209	250	258	217	189	175	132	115	4226
Page	672	625	604	752	695	676	575	509	419	461	540	600	574	564	498	456	363	344	9927
Palo Alto	437	441	484	607	453	393	338	270	322	353	355	320	365	371	289	258	197	163	6416
Plymouth	1000	915	956	1232	1044	888	716	624	559	629	624	619	655	581	473	377	310	318	12520
Pocahontas	375	361	449	540	302	351	293	289	300	261	334	342	375	305	285	256	195	194	5807
Polk	10826	10735	11478	13882	16235	15104	12806	9534	7946	7674	7958	7856	6788	5960	4944	3956	2711	2386	158779
Pottawattamie	3330	3311	3667	4319	3883	3526	3105	2513	2291	2350	2432	2266	1956	1733	1485	1208	865	692	44932
Poweshiek	612	636	713	1033	932	691	599	537	478	425	490	532	499	465	386	357	251	297	9933
Ringgold	218	224	196	233	192	199	186	137	149	165	175	201	203	198	187	148	104	123	3238
Sac	537	453	506	596	440	472	402	302	341	328	437	445	430	427	365	324	245	210	7260
Scott	6700	6268	6855	7385	7945	7577	6652	4985	4137	3714	3705	3758	3000	2597	2168	1676	1220	991	81333
Shelby	534	556	622	728	460	513	414	363	379	396	394	407	412	383	307	261	208	240	7577
Sioux	1431	1194	1221	1806	1671	1128	836	766	705	644	732	739	707	632	591	469	329	283	15884
Story	2258	1844	1993	4552	7126	3411	2294	1703	1365	1228	1315	1220	1122	991	859	740	597	563	35181
Tama	731	662	847	821	635	668	585	516	495	521	521	519	563	543	453	379	304	260	10023
Taylor	294	266	276	327	263	260	237	212	178	201	224	268	281	264	264	209	181	152	4357
Union	506	521	490	637	515	480	486	354	317	351	335	391	391	364	388	307	252	202	7287
Van Buren	320	284	312	371	285	264	259	231	230	193	208	253	241	236	232	178	124	139	4360
Wapello	1373	1310	1440	1726	1626	1562	1300	1098	945	1087	1098	1183	1163	1140	1105	796	529	511	20992
Warren	1347	1634	1628	1731	1362	1503	1562	1313	996	863	704	704	580	524	411	375	294	338	17869
Washington	740	713	778	875	723	776	676	531	494	502	522	563	503	494	478	423	334	284	10409
Wayne	275	254	225	301	250	243	229	192	190	192	249	266	289	265	256	230	178	151	4235
Webster	1649	1543	1719	2369	2002	1779	1517	1198	1119	1176	1265	1288	1244	1097	941	794	660	655	24015
Winnebago	416	475	497	608	495	457	394	323	311	301	342	351	363	365	348	267	201	167	6681
Winneshiek	744	717	824	1440	1316	657	589	509	489	465	522	525	499	461	437	384	298	223	11099
Woodbury	4216	3790	3788	4561	4873	4382	3618	2658	2322	2455	2786	2781	2529	2239	1991	1666	1257	1072	52984
Worth	299	305	309	336	299	321	301	245	233	217	243	266	278	264	227	205	127	138	4613
Wright	599	538	569	714	550	532	502	410	399	394	471	512	517	479	425	343	258	245	8457
State of Iowa	108323	103164	112859	137445	136275	119834	102341	81267	71796	69845	74559	75900	70894	64709	55897	46229	34526	31555	1497418

Table 3B. Age of Males in Iowa's Counties, 1980.

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Adair	388	325	356	418	365	344	276	227	207	226	270	251	262	280	217	136	86	70	4704
Adams	209	204	194	284	205	172	186	137	135	163	169	158	145	168	120	93	57	47	2846
Allamakee	584	614	670	748	580	538	446	379	334	341	367	386	395	336	284	197	150	118	7467
Appanoose	591	569	568	710	542	529	479	369	345	290	365	433	409	393	351	224	125	82	7374
Audubon	319	289	364	380	293	292	245	201	230	177	246	243	250	217	168	121	65	59	4159
Benton	935	853	1069	1164	929	910	753	655	620	570	570	553	559	541	351	277	150	124	11583
Black Hawk	5662	5004	5560	6879	7777	6528	5158	3769	3185	2899	3173	3140	2562	2119	1462	967	577	381	66802
Boone	936	876	939	1137	1122	1134	949	673	672	611	658	635	594	506	430	310	231	174	12587
Bremer	992	933	1099	1318	1198	916	866	740	651	557	564	532	484	455	409	239	148	106	12207
Buchanan	1080	993	1105	1200	958	914	802	587	552	485	497	527	493	431	332	221	118	82	11377
Buena Vista	762	699	718	1024	1016	838	625	443	417	461	562	574	534	458	349	246	184	139	10049
Butler	718	692	736	772	657	652	641	482	376	399	428	491	420	422	329	238	148	107	8708
Calhoun	499	444	508	596	465	516	332	296	309	310	349	369	384	320	267	210	158	112	6444
Carroll	980	854	1148	1216	927	867	692	521	480	519	536	528	526	433	366	252	171	130	11146
Cass	631	612	608	756	645	602	535	434	397	371	459	418	395	435	346	254	138	136	8172
Cedar	696	705	804	857	706	722	689	549	479	429	471	467	472	400	288	209	136	100	9179
Cerro Gordo	1737	1607	1763	2223	1983	1970	1654	1234	1197	1081	1364	1277	1109	937	721	508	306	228	22899
Cherokee	631	535	667	752	624	655	545	430	350	390	475	443	403	311	283	224	109	113	7940
Chickasaw	626	635	707	792	666	569	457	430	405	326	396	358	329	325	244	184	126	65	7640
Clarke	326	308	350	347	352	302	283	219	220	189	237	229	188	213	175	114	77	55	4184
Clay	844	721	735	799	835	841	730	525	445	447	494	476	431	354	263	207	122	125	9394
Clayton	856	826	897	1023	851	825	605	540	504	489	535	545	523	524	402	301	173	120	10539
Clinton	2276	2208	2596	2696	2283	2285	2001	1639	1452	1299	1433	1438	1244	1078	777	530	335	238	27808
Crawford	807	764	749	955	797	705	633	526	447	440	464	499	454	382	276	218	136	95	9347
Dallas	1196	1164	1319	1292	1030	1158	1156	943	811	727	713	676	646	530	377	303	169	141	14351
Davis	371	361	358	438	397	285	295	232	220	204	225	222	238	225	187	125	78	46	4507
Decatur	301	332	353	537	536	344	267	229	206	197	215	214	232	219	184	151	115	89	4721
Delaware	837	768	961	987	832	716	558	460	469	431	472	454	403	327	253	189	129	66	9312
Des Moines	1776	1747	1940	2055	1747	1869	1695	1368	1101	1054	1144	1256	976	807	660	469	310	195	22169
Dickinson	598	568	567	613	531	658	546	435	357	360	392	420	444	405	295	208	117	68	7582
Dubuque	3849	3743	4494	5284	4488	3864	3249	2466	2261	2024	2160	2049	1668	1376	1019	687	354	287	45322
Emmet	584	519	536	640	569	551	439	311	327	285	350	323	287	256	199	145	105	80	6506
Fayette	992	939	1108	1307	1092	972	738	623	600	566	614	644	623	574	498	298	218	149	12555

Table 3B. Age of Males in Iowa's Counties, 1980 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Floyd	750	724	861	930	616	699	650	569	504	428	505	500	511	417	317	202	119	126	9428
Franklin	512	472	471	527	478	533	406	351	321	289	383	358	317	322	274	158	105	85	6362
Fremont	386	328	348	388	309	311	307	230	221	224	230	267	284	236	194	135	88	56	4542
Greene	463	419	504	525	411	431	396	271	301	239	320	327	311	331	247	168	108	78	5850
Grundy	543	522	623	678	516	548	473	431	396	326	348	356	382	334	232	167	88	69	7032
Guthrie	413	399	453	519	351	414	347	302	281	289	320	332	341	326	246	177	128	105	5743
Hamilton	678	643	696	838	693	637	645	451	428	420	538	479	481	388	300	212	134	93	8754
Hancock	561	533	548	668	526	607	476	353	332	313	353	359	329	293	233	153	103	74	6814
Hardin	761	741	836	1256	904	825	624	584	483	515	528	599	529	471	384	301	174	127	10642
Harrison	649	621	702	783	612	525	464	418	389	383	412	421	399	357	311	241	150	104	7941
Henry	690	665	699	876	863	717	734	565	479	379	415	448	415	377	305	214	146	104	9091
Howard	427	380	443	555	400	378	299	252	251	224	329	301	311	274	244	178	118	88	5452
Humboldt	458	420	456	552	459	453	354	331	270	306	347	364	365	264	250	152	106	82	5989
Ida	342	336	346	407	334	322	258	230	194	205	264	258	234	193	178	133	78	88	4400
Iowa	558	542	608	723	641	574	511	385	373	393	415	399	398	352	259	188	111	95	7525
Jackson	931	928	1101	1210	865	796	710	594	552	545	553	546	451	460	362	239	164	121	11128
Jasper	1384	1440	1467	1591	1438	1396	1263	1070	939	931	1065	965	852	722	542	365	235	152	17817
Jefferson	581	601	554	643	812	925	748	453	372	330	365	355	345	314	283	173	131	92	8077
Johnson	2737	2275	2544	4111	7928	5751	3698	2249	1640	1454	1302	1236	1021	789	597	418	230	172	40152
Jones	805	793	858	1083	1168	913	717	554	512	455	512	481	474	410	303	230	111	102	10481
Keokuk	464	463	488	609	454	488	360	309	277	290	327	357	336	359	294	213	128	107	6323
Kossuth	911	837	995	1131	907	820	677	514	495	532	555	580	536	471	372	298	162	100	10893
Lee	1674	1589	1742	1973	1841	1908	1680	1271	1068	1019	1093	1117	1008	834	577	435	237	189	21255
Linn	6589	6569	7143	7997	7870	7720	6987	5283	4503	4096	3967	3852	3091	2414	1731	1193	686	528	82219
Louisa	482	483	541	586	471	467	429	332	336	276	298	261	252	272	189	131	85	55	5946
Lucas	353	378	388	411	334	346	295	287	272	260	289	277	274	253	210	142	90	60	4919
Lyon	596	518	570	623	467	513	384	282	269	340	337	340	312	271	228	151	104	80	6385
Madison	472	546	526	585	376	451	440	376	333	283	324	330	274	284	244	153	123	84	6204
Mahaska	869	794	878	1023	1070	963	748	590	509	473	574	593	550	460	394	278	162	165	11093
Marion	1184	1119	1126	1326	1416	1153	1027	867	725	660	744	746	680	600	476	321	266	214	14650
Marshall	1515	1591	1721	1843	1571	1741	1577	1200	1081	930	1067	1037	960	854	605	412	287	237	20229
Mills	580	542	540	603	541	571	549	406	346	329	312	310	298	257	175	137	81	51	6628
Mitchell	437	432	533	610	474	428	330	302	262	294	328	325	311	278	263	169	125	99	6000

Table 3B. Age of Males in Iowa's Counties, 1980 (continued).

County	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Monona	378	412	408	514	392	452	328	268	279	278	314	334	327	307	278	196	126	89	5680
Monroe	323	337	370	432	372	317	278	262	177	214	223	255	228	220	193	150	79	62	4492
Montgomery	504	457	476	508	497	496	444	335	250	317	349	358	314	352	281	224	106	101	6369
Muscatine	1683	1741	1784	1903	1755	1664	1560	1200	1046	926	933	884	790	651	503	355	221	194	19793
O'Brien	697	555	631	835	731	645	467	373	369	414	449	447	404	378	296	221	187	123	8222
Osceola	351	323	366	382	320	300	235	208	176	196	236	244	195	195	169	106	76	67	4145
Page	735	727	654	756	685	731	585	507	431	407	480	543	478	468	339	306	180	124	9136
Palo Alto	499	470	521	771	525	453	335	292	264	311	339	334	308	285	245	169	108	76	6305
Plymouth	1041	974	1074	1327	1076	918	766	616	549	582	658	596	548	509	386	263	196	144	12223
Pocahontas	379	394	487	546	401	402	320	287	273	237	310	356	312	256	191	194	134	83	5562
Polk	11357	11089	12251	13796	14072	14284	12204	9177	7394	6956	7524	7007	5742	4390	3101	1993	1237	817	144391
Pottawattamie	3514	3494	3691	4322	3479	3370	2929	2355	2117	2091	2368	2094	1777	1445	1086	739	456	302	41629
Poweshiek	664	695	739	1046	1057	701	622	467	464	426	463	460	457	389	279	232	125	87	9373
Ringgold	192	190	191	211	211	220	182	135	132	158	179	174	162	166	142	102	76	51	2874
Sac	537	470	552	592	526	525	404	333	321	332	393	402	378	319	304	228	132	110	6858
Scott	6843	6544	7241	7189	7627	7932	6914	5078	4090	3667	3638	3502	2825	2081	1533	978	607	400	78689
Shelby	540	573	731	774	580	524	446	371	367	358	384	410	386	303	270	199	133	117	7466
Sioux	1446	1146	1261	1779	1676	1173	856	725	679	626	672	656	632	502	391	323	229	157	14929
Story	2232	1906	2043	5185	9185	4006	2608	1739	1402	1216	1209	1152	976	746	643	400	262	235	37145
Tama	718	717	827	897	708	697	594	508	508	441	523	495	490	492	318	268	173	136	9510
Taylor	289	286	298	346	288	268	244	201	169	172	232	234	263	241	169	135	91	70	3996
Union	508	527	520	607	507	490	481	354	311	312	295	357	338	321	256	190	116	81	6571
Van Buren	345	332	372	380	278	307	271	238	197	185	219	217	218	230	195	142	95	45	4266
Wapello	1450	1424	1527	1722	1554	1603	1246	1066	885	942	1040	1028	1024	938	755	524	324	197	19249
Warren	1469	1570	1693	1688	1327	1319	1490	1238	1043	886	773	709	522	439	349	199	173	122	17009
Washington	809	725	879	917	773	797	686	512	490	464	469	477	472	385	328	249	166	134	9732
Wayne	278	248	305	301	278	274	217	179	165	171	237	255	256	235	204	173	112	76	3964
Webster	1777	1589	1818	2283	1860	1757	1529	1171	1048	1113	1204	1200	988	910	684	486	284	237	21938
Winnebago	487	408	470	716	507	519	398	326	288	267	336	314	344	303	262	170	128	86	6329
Winneshiek	763	710	947	1378	1339	719	653	496	469	490	513	518	492	381	343	293	169	104	10777
Woodbury	4210	3935	3896	4644	4111	4204	3434	2560	2201	2192	2620	2556	2148	1727	1357	1019	625	461	47900
Worth	367	313	338	381	329	358	282	253	215	214	232	232	216	229	186	147	102	68	4462
Wright	576	542	625	678	609	574	517	415	411	367	443	450	453	409	315	210	148	120	7862
State of Iowa	113305	107877	118841	140188	135749	123366	103613	79979	69655	65675	71343	69954	62177	53196	41052	28875	18160	13385	1416390

Median Age in Iowa's Counties: 1960-2000

Willis Goudy, Iowa State University

Data on age are reported in each decennial census. Median age refers to that point at which half the residents are older and half are younger. In 2000, the median age of Iowa's residents was 36.6 years, an increase of 2.6 years from 34.0 in 1990 (Table 1, Figure 1). The 1970 median of 28.8 years was slightly lower than the 1980 figure of 30.0, but in 1960 the median age was 30.3. The decline in the median age from 1960 to 1970 was caused by the large numbers of youth born in the 1950s and 1960s. The median age of women has been greater than that of men in each census from 1960 through 2000. In 2000, the difference was 2.8 years, which was the same as it was in 1990 but an increase from the gap of 1.6 years noted in 1960.

Far more counties were above (81) the state's median age in 2000 than below (18) it (Figure 2). Counties with medians below 36.6 tended to be in or near urban areas. Two counties (Johnson, Story) had medians at least five years below the state figure, primarily because of the large university populations. Fourteen others reported medians at least five years above that for Iowa. Median age in Dickinson, Monona, Ringgold, and Wayne was at least 43.0 years. Wayne was the only county with a median age of at least 40 from 1960 through 2000; Johnson and Story were the only ones with medians below 30 years of age at each of these censuses.

From 1990 to 2000, median age increased in all counties. The change was within one year of the state's increase of 2.6 years in 64 counties. Thirteen counties reported gains of at least 4.0 years, while 21 reported medians less than 2.0 years higher in 2000 than in 1990.

Among females, median age changed by less than 2.0 years in 34 counties to at least 4.0 years in nine others between 1990 and 2000. In Wayne, the median age of females declined slightly between the two most recent censuses. For males, about the same number of counties had gains of at least 4.0 years (19) as had increases that were less than 2.0 years (15) between 1990 and 2000.

In 1980, 1990, and 2000, the median age for females was higher than that for males in every county. In 1970, the median for females was 0.4 years lower than that for males in Marion County; in 1960, the median was higher for males than females in two counties (Marion, Worth), while medians were the same for both groups in another (Monona).

In 2000, the median age of females was at least 4.0 years greater than that of males in 13 counties, topped by the difference of 5.4 years in Webster. The difference was less than 2.0 years in 10 other counties, with Johnson the only county in which the median age of females was less than a year older than that of males.

Table 1. Median Age of Total Residents, Females, and Males in Iowa's Counties, 1960-2000.

County	Total					Females					Males				
	2000	1990	1980	1970	1960	2000	1990	1980	1970	1960	2000	1990	1980	1970	1960
Adair	41.8	39.3	36.3	37.7	35.7	43.0	42.0	39.7	39.8	36.6	40.5	37.1	32.7	35.6	34.7
Adams	41.9	40.1	37.2	37.8	35.0	44.3	42.4	39.5	40.2	35.3	39.8	37.6	34.1	35.6	34.6
Allamakee	39.7	36.5	31.8	31.4	30.4	41.2	38.1	33.8	33.0	30.6	38.4	35.0	30.0	29.8	30.1
Appanoose	40.6	37.8	33.9	37.4	39.8	41.8	40.1	36.4	40.5	41.0	39.2	35.6	31.9	33.7	38.3
Audubon	42.4	40.3	36.1	34.3	32.0	44.0	43.0	39.3	35.5	32.3	40.9	38.1	32.5	33.0	31.7
Benton	37.2	34.7	31.3	30.6	30.8	38.1	36.0	33.0	31.5	31.4	36.3	33.6	29.6	29.6	30.2
Black Hawk	34.4	32.9	27.5	25.1	26.8	35.8	33.9	28.3	25.6	27.3	32.9	31.7	26.8	24.7	26.4
Boone	38.6	36.6	32.6	33.2	33.4	39.9	37.9	34.8	35.5	34.9	37.0	35.3	30.7	30.8	31.8
Bremer	38.1	35.2	29.4	27.4	28.3	39.3	36.8	30.9	28.6	29.3	36.7	33.8	27.9	26.1	27.4
Buchanan	36.4	33.4	28.0	27.1	29.1	37.8	34.7	29.5	28.2	30.0	35.0	32.1	26.8	25.9	28.2
Buena Vista	36.4	33.8	31.8	32.7	31.8	38.3	35.6	34.2	34.7	32.3	34.3	32.2	29.8	30.4	31.3
Butler	41.3	37.9	32.6	33.0	31.9	43.0	39.8	34.6	34.5	32.4	39.6	36.1	30.8	31.3	31.4
Calhoun	42.4	39.8	36.5	36.2	33.1	44.5	43.3	39.4	37.0	33.8	40.5	37.2	33.0	35.4	32.5
Carroll	38.7	34.2	29.4	28.4	28.1	40.4	36.0	31.8	30.6	29.1	36.8	32.5	27.6	26.0	27.0
Cass	41.6	38.3	34.6	35.7	34.5	43.6	40.6	37.8	37.4	35.9	39.7	35.9	32.2	33.9	33.0
Cedar	39.2	36.1	31.8	31.8	31.9	40.0	36.9	33.2	33.1	32.3	38.2	35.3	30.6	30.5	31.5
Cerro Gordo	39.3	35.3	31.9	30.8	30.6	41.0	37.0	33.4	32.6	31.1	37.4	33.6	30.5	28.9	30.1
Cherokee	41.7	37.2	32.7	30.9	32.5	43.4	38.6	35.1	32.9	33.4	40.1	35.9	30.9	28.8	31.6
Chickasaw	39.7	35.7	29.8	29.1	30.4	40.9	37.3	31.6	30.1	31.1	38.4	34.2	28.4	28.1	29.8
Clarke	38.6	36.6	33.6	38.3	36.9	39.7	38.1	35.8	40.6	38.1	37.3	35.0	31.9	35.8	35.7
Clay	39.4	35.1	30.4	31.0	30.7	40.6	36.3	31.4	32.1	31.1	37.9	34.0	29.5	29.8	30.2
Clayton	40.2	35.9	31.7	32.7	32.3	41.4	37.1	33.8	33.8	33.0	39.2	34.7	30.0	31.4	31.6
Clinton	38.2	35.1	30.5	28.7	31.2	39.5	36.4	32.0	29.6	31.3	36.8	33.8	29.0	27.7	31.2
Crawford	38.2	35.3	30.5	29.1	31.9	39.6	37.1	31.9	30.1	32.9	36.8	34.1	29.2	28.2	30.8
Dallas	35.1	34.6	31.2	30.5	33.4	35.9	35.7	32.3	31.6	34.6	34.2	33.4	30.1	29.3	32.1
Davis	38.5	36.1	33.1	36.6	34.6	40.2	38.2	35.7	38.4	35.2	37.0	34.3	30.7	34.6	34.1
Decatur	36.4	35.5	31.3	32.6	34.9	38.3	37.4	33.4	35.1	36.4	34.1	33.7	29.4	30.1	33.0
Delaware	37.1	32.7	27.8	26.1	27.8	37.8	33.6	29.1	27.1	28.5	36.4	31.9	26.9	25.1	27.0
Des Moines	38.9	35.9	31.6	30.1	32.2	40.6	37.4	33.2	31.5	33.0	37.1	34.2	29.9	28.9	31.2
Dickinson	43.3	39.7	33.5	35.5	34.0	44.9	41.4	35.4	37.3	34.6	41.7	38.0	32.1	33.5	33.4
Dubuque	36.5	33.1	27.2	23.9	26.1	37.9	34.6	28.4	25.2	27.3	35.2	31.4	26.0	22.5	24.9
Emmet	39.6	36.2	30.5	29.5	29.1	41.6	38.5	32.8	31.5	30.0	37.4	33.8	28.7	27.3	28.2
Fayette	39.4	36.3	31.4	30.2	30.7	41.4	38.3	33.9	32.5	31.4	37.5	34.6	29.3	27.9	29.9
Floyd	40.3	37.9	32.6	31.9	31.8	41.7	39.5	34.6	33.4	33.0	38.7	36.2	31.0	30.4	30.7
Franklin	41.3	38.0	34.5	36.2	32.8	43.3	40.5	37.2	37.5	33.9	39.3	36.1	32.3	34.7	31.7
Fremont	41.2	38.7	35.3	37.4	35.7	43.1	40.3	37.7	39.1	36.4	39.7	37.3	33.0	35.5	35.0
Greene	41.0	39.4	34.9	35.6	33.7	43.2	41.9	38.6	37.8	35.1	38.9	37.3	31.9	33.3	32.4
Grundy	40.8	38.8	33.2	32.6	32.5	42.4	40.6	35.9	34.5	33.2	39.3	36.9	30.9	30.7	31.7
Guthrie	41.9	39.9	37.1	38.0	35.3	43.5	41.8	39.8	40.3	36.4	40.4	37.9	34.4	35.5	34.0
Hamilton	39.1	37.2	33.3	32.3	31.5	40.6	39.0	35.6	34.0	32.2	37.6	35.3	31.3	30.6	30.9
Hancock	39.7	35.4	31.2	33.2	30.5	40.7	36.7	33.0	34.9	30.8	38.6	34.3	29.7	31.4	30.3
Hardin	40.6	37.8	33.2	32.8	33.8	42.8	40.8	36.8	36.0	35.5	37.9	35.1	30.0	29.4	31.9
Harrison	38.9	36.5	32.9	34.1	33.3	40.4	38.8	35.4	36.2	34.2	37.3	34.6	30.7	31.7	32.4
Henry	37.1	34.6	31.4	30.5	35.8	38.7	36.6	32.7	33.0	37.0	35.8	33.0	30.2	28.6	34.4
Howard	39.5	37.6	34.4	35.6	32.7	40.9	40.1	37.0	36.9	32.9	38.4	35.6	32.2	34.0	32.6
Humboldt	41.3	38.6	34.6	32.4	30.9	42.6	40.8	36.9	34.0	31.0	39.8	36.8	32.4	30.6	30.9
Ida	41.5	36.8	35.4	35.5	34.0	43.2	39.3	39.0	36.8	34.6	40.1	34.8	31.8	33.8	33.3
Iowa	38.8	36.5	33.1	31.9	31.2	39.6	38.1	36.0	33.4	31.9	38.1	35.0	31.1	30.1	30.4
Jackson	39.1	35.0	29.4	28.4	28.6	40.3	36.7	30.9	29.3	28.7	37.9	33.3	28.1	27.4	28.5
Jasper	38.5	36.1	32.5	31.0	30.3	40.0	37.8	34.1	32.4	30.9	37.1	34.5	30.8	29.4	29.7

Table 1. Median Age of Total Residents, Females, and Males in Iowa's Counties, 1960-2000 (continued).

County	Total					Females					Males				
	2000	1990	1980	1970	1960	2000	1990	1980	1970	1960	2000	1990	1980	1970	1960
Jefferson	41.1	37.0	31.1	29.4	31.8	42.0	38.0	32.9	32.7	33.4	40.0	35.9	29.5	26.8	30.1
Johnson	28.4	27.1	25.5	23.5	24.4	28.9	27.6	25.7	23.6	24.6	28.0	26.6	25.4	23.3	24.3
Jones	38.5	34.6	29.9	28.5	28.6	40.0	36.9	32.7	30.8	30.1	37.2	32.8	27.9	26.5	27.4
Keokuk	40.0	37.2	35.2	36.5	34.9	41.1	39.7	38.0	38.7	36.3	38.8	35.2	32.5	33.8	33.3
Kossuth	41.3	36.6	31.1	30.2	28.1	42.4	38.6	33.3	31.9	28.2	40.3	34.8	29.1	28.2	27.9
Lee	39.5	35.8	31.2	30.9	32.6	40.7	37.6	33.1	33.2	33.3	38.4	34.2	29.7	28.9	31.9
Linn	35.2	33.1	29.0	26.3	28.5	36.2	34.1	29.7	26.8	29.0	34.2	32.1	28.1	25.8	28.0
Louisa	35.9	34.3	30.3	30.9	32.4	36.7	35.9	31.4	31.4	33.0	35.1	32.7	29.4	30.4	31.7
Lucas	39.9	38.9	36.0	37.6	37.6	41.5	40.6	37.7	39.1	38.6	38.1	37.2	33.9	35.9	36.6
Lyon	38.1	34.8	30.8	30.0	28.2	39.9	36.5	32.9	31.3	28.6	36.1	32.7	29.0	28.5	27.8
Madison	37.9	36.1	33.7	35.8	35.2	39.1	37.6	36.1	37.5	35.9	36.8	34.8	31.7	33.7	34.4
Mahaska	37.2	34.8	31.6	34.0	33.9	38.7	36.5	33.8	36.9	35.5	35.6	33.2	29.7	30.9	32.3
Marion	37.2	34.2	30.6	31.5	33.8	38.1	35.1	31.2	31.3	32.6	36.1	33.1	30.0	31.7	34.9
Marshall	38.6	36.7	31.3	29.6	31.9	39.8	37.6	32.3	30.5	32.3	37.2	35.7	30.4	28.7	31.5
Mills	38.1	35.1	30.6	30.6	31.5	39.2	36.2	31.7	32.3	32.6	37.1	33.9	29.4	29.1	30.3
Mitchell	40.6	38.2	33.9	32.4	30.4	42.2	40.8	37.3	34.3	31.4	38.9	36.1	31.1	30.3	29.3
Monona	43.0	40.5	37.2	36.9	33.5	45.0	43.7	39.8	38.3	33.5	41.1	38.3	34.1	35.4	33.5
Monroe	39.7	37.8	34.3	37.1	35.7	41.1	39.8	37.4	38.9	36.2	38.3	35.7	31.7	35.3	35.1
Montgomery	40.4	38.6	35.1	38.6	35.9	42.2	40.7	38.4	41.0	36.7	38.8	36.6	32.6	36.0	35.1
Muscatine	36.1	33.0	29.2	28.7	31.5	37.3	34.2	30.5	29.7	32.4	34.8	32.0	28.0	27.6	30.5
O'Brien	40.7	36.9	33.0	33.5	31.2	43.0	39.4	36.8	35.2	31.5	38.5	34.5	30.2	31.6	30.9
Osceola	39.7	35.8	33.4	33.2	29.6	41.1	38.1	36.4	35.1	30.2	38.3	34.4	30.6	31.1	29.0
Page	40.2	38.2	35.3	38.7	37.5	42.8	40.7	38.4	41.4	38.5	38.0	36.1	32.2	35.3	36.4
Palo Alto	40.7	37.3	32.1	31.9	28.8	42.5	40.7	36.0	34.0	29.3	38.9	34.4	28.9	29.4	28.3
Plymouth	37.8	34.1	29.8	27.1	28.7	38.8	35.7	31.5	28.4	29.1	36.3	32.4	28.4	25.8	28.2
Pocahontas	42.5	39.1	35.7	32.8	31.5	44.1	41.7	38.9	34.7	31.6	41.0	36.4	32.6	30.8	31.3
Polk	34.4	32.3	29.4	27.7	29.4	35.5	33.3	30.4	28.9	30.2	33.2	31.2	28.3	26.5	28.5
Pottawattamie	36.5	33.5	29.5	27.2	28.1	37.7	34.7	30.7	28.2	28.5	35.2	32.2	28.4	26.2	27.8
Poweshiek	38.4	34.4	30.5	29.3	29.8	39.8	36.0	32.7	31.2	31.2	36.9	33.0	28.4	27.2	28.2
Ringgold	43.2	42.1	38.9	40.4	36.1	45.5	44.7	41.1	41.5	37.0	41.5	39.6	36.4	39.3	35.0
Sac	42.1	38.2	35.4	34.7	32.4	44.4	41.0	38.9	36.6	33.5	40.2	35.8	32.6	32.7	31.3
Scott	35.4	32.4	27.9	26.4	29.0	36.6	33.2	28.6	27.1	29.7	34.1	31.5	27.3	25.6	28.2
Shelby	40.5	37.2	32.2	29.6	28.9	41.4	39.1	34.5	31.3	29.6	39.7	35.4	30.1	28.0	28.0
Sioux	32.8	31.0	26.6	25.5	26.7	34.2	32.1	27.6	26.6	27.7	31.6	29.7	25.6	24.5	25.6
Story	26.5	25.7	23.9	23.3	24.6	28.5	28.0	24.8	24.1	26.4	25.2	24.4	23.3	22.7	23.7
Tama	39.1	37.2	33.5	33.3	32.8	40.6	39.1	35.6	34.7	33.3	37.4	35.6	31.6	31.9	32.2
Taylor	41.6	40.0	37.9	42.0	38.6	42.9	42.5	41.1	43.7	39.1	40.3	37.8	34.5	40.3	38.1
Union	40.1	36.4	32.9	34.9	36.8	41.5	38.2	35.1	36.7	38.3	38.7	34.7	31.2	33.0	35.1
Van Buren	40.8	37.8	34.2	37.8	37.3	42.2	39.9	36.8	39.3	38.4	39.7	35.7	32.1	36.4	36.1
Wapello	39.2	37.0	33.4	33.9	32.5	40.9	39.0	35.8	35.8	33.2	37.2	35.1	31.3	31.6	31.7
Warren	36.0	32.8	28.7	25.6	27.2	36.8	33.8	29.2	26.0	27.7	35.1	31.7	27.9	25.3	26.5
Washington	38.8	35.6	32.0	31.9	32.2	40.1	37.5	34.3	34.4	33.7	37.4	33.9	29.7	29.5	30.6
Wayne	43.0	42.3	40.8	43.2	40.1	44.0	44.2	43.9	45.0	41.4	42.0	40.0	37.2	41.3	38.7
Webster	37.7	35.5	31.2	29.0	29.7	40.2	37.2	33.0	30.4	30.5	34.8	33.8	29.6	27.6	28.9
Winnebago	39.8	35.9	32.7	32.2	31.6	41.5	37.7	35.0	34.1	32.4	38.0	34.3	30.7	30.2	30.7
Winneshiek	35.7	31.8	27.6	25.6	28.0	36.4	32.4	28.9	27.0	28.4	34.9	31.2	26.5	24.6	27.7
Woodbury	34.2	32.9	29.9	28.8	30.2	35.6	34.4	31.1	30.1	30.8	32.8	31.3	28.7	27.5	29.5
Worth	40.7	38.2	35.0	36.1	32.9	42.4	40.3	37.7	36.9	32.6	39.0	36.4	32.0	35.3	33.2
Wright	41.4	38.9	35.2	34.4	31.3	43.4	41.0	37.6	36.6	32.1	39.5	37.1	33.0	32.2	30.5
State of Iowa	36.6	34.0	30.0	28.8	30.3	38.0	35.4	31.4	30.2	31.1	35.2	32.6	28.7	27.5	29.5

Figure 1. Median age by sex, 1960–2000.

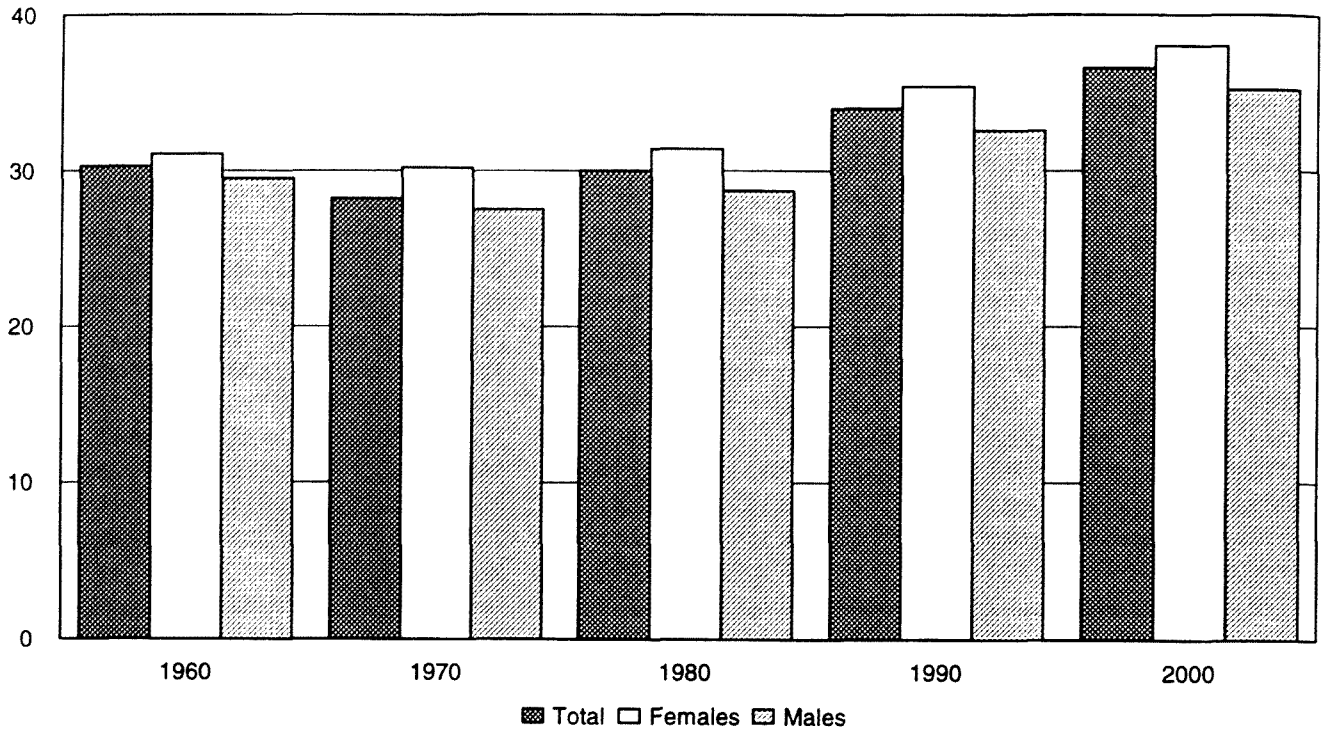
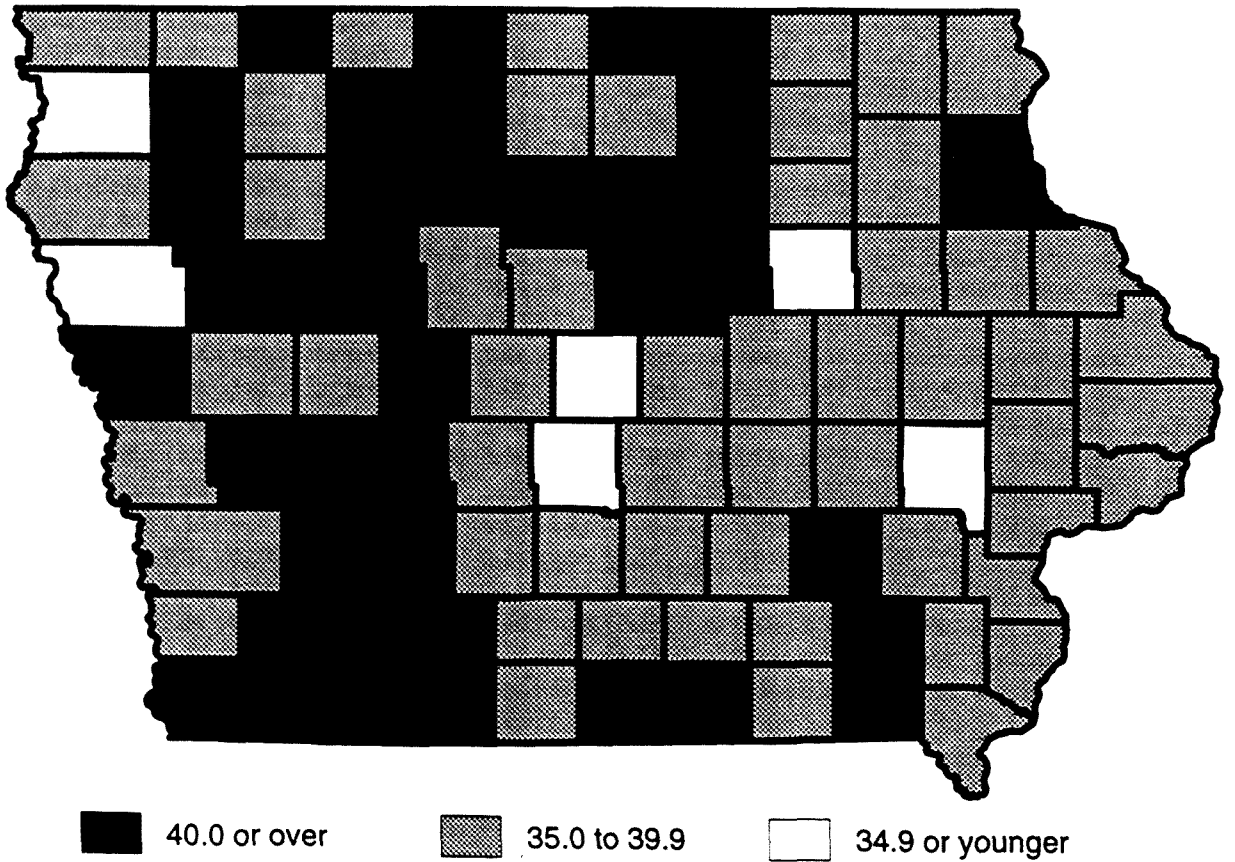


Figure 2. Median age, 2000.



Selected Age Categories (17 or Younger, 18-64, 65 or Older) in Iowa's Counties: 1940-2000

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Two age groups—the young and the old—frequently receive attention in Iowa. The relatively high proportion of older residents in this state compared with others draws interest to that end of the age continuum. Concerns with primary and secondary school enrollment focus on youth. In recent years, concern also has arisen about those 18 through 64 years of age as Iowa seeks to ensure that it has sufficient numbers to continue to build its workforce. Data from the decennial censuses conducted from 1940 through 2000 are used to examine these three age categories.

The State

In the 1990s, Iowa's total population increased by nearly 150,000 (+5.4%). This trend was mirrored by those under 18, a group that gained by 15,000 (+2.0%) from 1990 to 2000 (Table 1). Residents 65 or older also increased (+10,000, +2.4%). There were substantially more residents 17 or younger (734,000) than 65 or older (436,000) in 2000, although the gap was much smaller than the peak difference in 1960, when youth outnumbered those at least 65 years of age by nearly 660,000. In 1940, there were more than three (3.35) children under 18 for every resident 65 and over; this ratio decreased to three in 1950 (2.99) and 1960 (3.01) and declined rapidly (1970, 2.79; 1980, 2.13) to less than two youths for every individual 65 or older in 1990 (1.69) and 2000 (1.68).

The largest group in each census has been those 18-64 years of age, of course. In 2000, three of every five (1,756,000) Iowans were aged 18 through 64. This age group decreased from 1940 to 1960 and increased from then through 1980. During the 1980s, another decline occurred in the 18-64 age category, although the gain in the 1990s (+125,000, +7.6%) more than made up for the loss that occurred in the previous decade. Indeed, this percentage gain across the 1990s was substantially greater than those at either end of the age continuum.

In 2000, 60.0 percent of Iowans were 18-64 years of age, while youth constituted 25.1 percent and those at least 65 accounted for the remaining 14.9 percent (Table 2). In 1990, the percentage of 18-64 year-olds was slightly lower (58.8%) while those for the younger (25.9%) and older (15.3%) groups were marginally higher. Thus, even though young and old grew in number between 1990 and 2000, they dropped as a percentage of the total population because numerical gains were greater among those 18 through 64 years of age.

The percentage of older residents has been increasing rather steadily since 1940, with the greatest jump occurring between 1980 and 1990. The decline in percentage between 1990 and 2000 was caused by a decrease in the number 65-74 years of age; these residents were born from 1926 to 1935, a time when births declined substantially in Iowa and elsewhere. The percentages for youth have been more volatile across the decades because of the baby boom. In 1940, 30.0% of all Iowans were 17 or younger; this increased through 1960, when more than one of every three (35.8%) residents were under 18. But the decline since then in this percentage, particularly in the 1970s, has been substantial, although it slowed to a minimal change between 1990 and 2000. The percentage of all residents who were 18-64 years old was higher in 1940 (61.0%) than in 2000 (60.0%), although the difference was minor. During the baby boom, those 18-64 years of age decreased to a low of 52.3 percent of all residents in 1960; in the three most recent censuses, the percentages were in the 58-60 range.

Table 1. Number of Residents 17 or Younger, 18-64, and 65 or Older in Iowa's Counties, 1940-2000.

County	Residents Age 17 or Younger							Residents Age 18 through 64							Residents Age 65 or Older						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Adair	1968	2111	2548	2998	3644	3949	4148	4454	4317	5087	4890	5629	6964	7779	1821	1981	1874	1599	1620	1379	1269
Adams	1073	1189	1513	1955	2582	2885	3261	2449	2620	3141	3291	3773	4838	5963	960	1057	1077	1076	1113	1030	932
Allamakee	3731	3774	4613	5480	6179	5609	5552	8244	7384	7926	7094	7613	8779	9802	2700	2697	2569	2394	2190	1963	1830
Appanoose	3255	3458	4267	4419	4821	6034	7677	7728	7339	8353	7756	8100	10766	14081	2738	2946	2891	2832	3094	2883	2487
Audubon	1771	1873	2361	3355	4040	3836	3803	3455	3765	4604	4752	5444	6596	7059	1604	1696	1594	1488	1435	1147	928
Benton	6924	6219	7097	8255	8660	7397	7005	14482	12487	13097	11589	11839	12781	13700	3902	3723	3455	3041	2923	2478	2174
Black Hawk	29545	31402	39006	47174	46812	30865	22663	80568	75501	84884	73602	65004	61484	51459	17899	16895	14071	12140	10666	8099	5824
Boone	6515	6169	6770	8394	9339	8345	8763	15414	14486	15108	13789	14587	16386	18144	4295	4531	4306	4287	4111	3408	2875
Bremer	5627	5762	7263	7713	7357	6027	5577	13965	13245	14296	12280	11364	10815	10606	3733	3806	3261	2744	2387	2042	1749
Buchanan	6031	6419	7634	8608	8712	7393	6111	12006	11181	12476	10656	10973	11962	12420	3056	3244	2790	2498	2608	2572	2460
Buena Vista	5179	5175	5416	6956	7556	6311	5735	11791	11215	11975	10680	10826	12544	12436	3441	3575	3383	3057	2807	2258	1667
Butler	3734	4149	5150	5756	6249	5687	5752	8494	8351	9609	8751	8993	9811	10558	3077	3231	2909	2446	2225	1896	1676
Calhoun	2564	2889	3579	4702	5730	5483	5472	6093	5888	7304	7130	7993	9561	10607	2458	2731	2659	2460	2200	1881	1505
Carroll	5769	6359	7350	9171	9404	8106	7871	11647	11255	12209	10704	11283	12821	13184	4005	3809	3392	3037	2744	2138	1715
Cass	3488	3880	4520	5458	5973	5647	5334	8143	8079	9227	8620	9290	10602	11542	3053	3169	3185	2929	2656	2283	1771
Cedar	4609	4633	5450	6085	6465	5203	4721	10626	9815	10470	9092	9057	9722	10459	2952	2933	2715	2478	2269	1985	1704
Cerro Gordo	11046	11570	12493	16335	18012	14166	13431	27182	27277	29002	26554	26008	27507	27229	8219	7886	6963	6334	5874	4380	3185
Cherokee	3212	3827	4539	6181	6584	5744	5536	7169	7660	9161	8745	9567	11167	12015	2654	2611	2538	2343	2447	2141	1707
Chickasaw	3423	3737	4892	5783	5731	5247	4846	7327	7190	8314	7168	7419	8298	8897	2345	2368	2231	2018	1884	1683	1484
Clarke	2402	2168	2370	2282	2639	2879	3199	5171	4580	4766	3946	4203	5209	5891	1560	1539	1476	1353	1380	1281	1143
Clay	4289	4804	5572	6375	6966	5853	5517	9959	9880	11331	9667	9426	10560	10888	3124	2901	2673	2422	2112	1690	1357
Clayton	4735	5322	6244	7279	7946	7258	7546	10481	10281	11409	10257	11061	12664	14337	3462	3451	3445	3070	2955	2600	2451
Clinton	12840	13619	17020	20429	19920	15271	12563	29375	29270	32721	29811	28886	29393	27799	7934	8151	7381	6509	6254	5000	4360
Crawford	4495	4617	5802	7141	6860	6672	6676	9543	9240	10473	9522	9338	11190	12338	2904	2918	2660	2453	2371	1879	1524
Dallas	11487	8286	8803	9080	8404	7251	7282	24732	17119	16876	13455	12204	13491	14979	4531	4350	3834	3550	3515	2919	2388
Davis	2317	2262	2620	2597	3168	3162	3534	4738	4492	4924	4232	4672	5446	6368	1486	1558	1560	1378	1359	1351	1234
Decatur	2002	1941	2375	2610	3201	3915	4515	5152	4687	5624	5364	5586	6960	7838	1535	1710	1795	1763	1752	1726	1659
Delaware	5334	5540	6405	7752	7478	6328	6276	10310	9840	10158	8769	8874	9596	10496	2760	2655	2370	2249	2131	1810	1715
Des Moines	10328	10952	13071	15749	15391	12220	9766	24956	24738	26624	25041	23724	25318	22970	7067	6924	6508	6192	5490	4518	4068
Dickinson	3599	3506	4176	4028	4435	4136	3862	9436	8306	8915	6631	6467	7377	7373	3389	3097	2538	1906	1672	1243	950
Dubuque	22779	23401	29953	36072	30574	22323	19575	53261	50861	53390	45521	41202	41923	38235	13103	12141	10402	9016	8272	7091	5958
Emmet	2674	3073	3856	4894	5790	4798	4230	6218	6313	7513	7270	7381	7985	8108	2135	2183	1967	1845	1700	1319	1068
Fayette	5492	5780	7464	9487	10397	9246	9210	12325	11880	13870	13546	14623	15932	17197	4191	4183	4154	3865	3561	3116	2744

Table 1. Number of Residents 17 or Younger, 18-64, and 65 or Older in Iowa's Counties, 1940-2000 (continued).

County	Residents Age 17 or Younger							Residents Age 18 through 64						Residents Age 65 or Older							
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Floyd	4246	4425	5754	6841	7598	7013	6053	9405	9284	10821	10299	10725	12146	12262	3249	3349	3022	2720	2779	2346	1854
Franklin	2593	2926	3500	4263	5402	5299	5125	5915	6160	7290	6902	8155	9465	9978	2196	2278	2246	2090	1915	1504	1276
Fremont	2010	2146	2559	2913	3416	3974	4705	4411	4305	5105	4807	5353	6870	8525	1589	1775	1737	1562	1513	1479	1415
Greene	2655	2486	3313	4216	5059	5004	5120	5471	5297	6492	6395	7285	8820	10009	2240	2262	2314	2105	2035	1720	1470
Grundy	3118	3077	4102	4725	4969	4354	3892	6865	6542	8022	7530	7454	7965	8512	2386	2410	2242	1864	1709	1403	1114
Guthrie	2675	2723	3203	3892	4658	4935	5550	6350	5916	6406	6080	6793	8384	10005	2328	2296	2374	2271	2156	1878	1655
Hamilton	4182	4081	4912	6182	7236	6300	6204	9294	9021	10206	9682	10374	11313	12067	2962	2969	2744	2519	2422	2047	1651
Hancock	3210	3561	4054	4889	5530	5317	5139	6720	6789	7648	6687	7414	8398	9123	2170	2288	2131	1930	1660	1362	1140
Hardin	4646	4775	5872	7123	7739	6741	6737	10280	10270	12150	11615	11494	12859	13602	3886	4049	3754	3510	3300	2618	2191
Harrison	4108	3959	4765	5526	6439	6658	7795	8792	7903	8767	8050	8649	10663	12966	2766	2868	2816	2664	2512	2239	2006
Henry	5018	4847	5123	5699	5622	5107	4638	12328	11198	10879	9819	9590	10873	10926	2990	3181	2888	2596	2975	2728	2430
Howard	2615	2629	3185	4055	4677	4407	4342	5318	5057	5797	5517	6300	7160	7834	1999	2123	2132	1870	1757	1538	1355
Humboldt	2580	2742	3366	4510	4951	4420	4371	5622	5751	6862	6295	6599	7359	7982	2179	2263	2018	1714	1606	1338	1106
Ida	1998	2334	2425	3215	3625	3310	3408	4133	4335	4862	4622	5180	6345	6776	1706	1696	1621	1446	1464	1042	863
Iowa	4138	3745	4257	5395	5920	5074	5231	8852	8128	8644	7876	8444	8894	10045	2681	2757	2528	2148	2032	1867	1740
Jackson	5271	5565	7265	8066	7875	6171	6068	11517	11073	12130	10062	10383	10255	11132	3508	3312	3108	2711	2496	2196	1981
Jasper	9173	8912	10271	12290	12676	10235	9980	22077	20337	21187	18952	18736	18919	18796	5963	5546	4967	4183	3870	3151	2720
Jefferson	3946	3987	4064	4740	5116	4649	4524	10004	9922	9801	8774	8487	9096	9577	2231	2401	2451	2260	2215	1951	1661
Johnson	22312	19347	17948	20735	16765	11504	8932	80429	69634	57958	46379	32463	30701	21216	8265	7138	5811	5013	4435	3551	3043
Jones	4874	4990	5993	7046	7609	6221	5771	12148	11353	11664	10354	10709	11177	12325	3199	3101	2744	2468	2375	2003	1854
Keokuk	2931	3021	3508	4610	5365	5166	5555	6168	6193	6823	6834	7597	9123	10712	2301	2410	2590	2499	2530	2508	2139
Kossuth	4435	5215	6652	8759	10154	9680	9407	9274	9850	11943	11212	12603	14362	15387	3454	3526	3296	2966	2557	2199	1836
Lee	9273	9971	12140	14472	15386	12889	11283	22482	22236	25080	23040	23434	25629	25735	6297	6480	5886	5484	5387	4584	4056
Linn	48422	42430	49395	59029	48539	29661	23433	119814	105842	103257	89372	74865	63995	57828	23465	20495	17123	14812	13495	10618	7881
Louisa	3380	3162	3718	3754	3669	3659	3694	7091	6688	6670	5427	5244	6133	6407	1712	1742	1667	1501	1377	1309	1283
Lucas	2392	2234	2759	3166	3394	3532	4596	5209	4958	5656	5149	5588	6715	8435	1821	1878	1898	1848	1941	1822	1540
Lyon	3293	3614	4013	5134	5743	5362	5441	6259	6189	6912	6450	7251	8155	8877	2211	2149	1971	1756	1474	1180	1056
Madison	3802	3444	3678	3700	4180	4257	4532	8089	6789	6762	5896	6171	7213	8488	2128	2250	2157	1962	1944	1661	1505
Mahaska	5742	5624	6029	6615	7889	7368	7740	12943	12095	13161	11949	12268	14217	15836	3650	3803	3677	3613	3445	3087	2909
Marion	8125	7684	8192	8108	8428	7666	8065	18826	17475	17207	14303	13642	15316	16372	5101	4842	4270	3941	3816	2948	2582
Marshall	9930	9598	11722	13975	13088	10667	10215	22928	21996	24160	22037	20114	20975	21981	6453	6682	5770	5064	4782	3969	3210
Mills	3892	3625	3971	4099	4572	4587	4643	8819	7765	7726	6228	6972	8021	9162	1836	1812	1709	1505	1506	1456	1259
Mitchell	2885	2848	3551	4861	5416	4697	4465	5643	5697	6473	6137	6776	7581	8229	2346	2383	2305	2110	1851	1667	1427

Table 1. Number of Residents 17 or Younger, 18-64, and 65 or Older in Iowa's Counties, 1940-2000 (continued).

County	Residents Age 17 or Younger							Residents Age 18 through 64							Residents Age 65 or Older						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Monona	2327	2456	3062	3904	4934	5707	6324	5295	5197	6276	6130	7054	8928	10471	2398	2381	2354	2035	1928	1668	1443
Monroe	2032	2059	2486	2982	3580	3806	4734	4418	4383	5029	4629	5180	6368	8281	1566	1672	1694	1746	1703	1640	1538
Montgomery	2941	2974	3468	3846	4759	4730	4505	6445	6465	7305	6513	7326	8917	9554	2385	2637	2640	2422	2382	2038	1638
Muscatine	11219	11140	12480	13177	11879	9966	9078	25104	23430	23071	19445	17424	18335	19035	5399	5337	4885	4559	4537	3847	3183
O'Brien	3742	4124	4669	6137	6953	6268	6028	8169	8131	9318	8605	9416	10854	11591	3191	3189	2985	2780	2471	1848	1674
Osceola	1826	1979	2408	3088	3902	3564	3743	3851	3882	4522	4185	5080	5820	6198	1326	1406	1441	1282	1082	797	666
Page	3948	4214	4953	5223	6333	6633	6546	9664	9122	10468	9846	11200	14009	15637	3364	3534	3642	3468	3490	3279	2704
Palo Alto	2440	2848	3648	4810	5854	5805	5897	5544	5632	6912	6528	7189	8717	9056	2163	2189	2161	1951	1693	1369	1217
Plymouth	7038	6792	7493	8881	9255	7771	7596	13847	12780	13693	12467	11900	13391	14102	3964	3816	3557	2974	2751	2090	1804
Pocahontas	2202	2478	3152	4645	5423	5433	5568	4579	4969	6124	6145	7041	8711	9490	1881	2078	2093	2003	1770	1352	1208
Polk	96300	81971	83422	97517	93419	65445	52417	236549	207486	188253	160541	147099	140331	128674	41752	37683	31495	28072	25797	20234	14744
Pottawattamie	22813	22527	26346	32652	31781	22000	20691	52919	49045	50204	45145	43079	41009	40494	11972	11056	10011	9194	8242	6673	5571
Poweshiek	4262	4663	5077	6083	6644	5789	5494	11236	11182	11361	10181	10175	11346	11269	3317	3188	2868	2539	2481	2209	1995
Ringgold	1315	1298	1510	1848	2662	3040	3577	2842	2809	3305	3309	4000	5192	6347	1312	1313	1297	1216	1248	1296	1213
Sac	2779	3278	3820	5331	6278	5715	5663	6136	6341	7634	7716	8411	9965	10584	2614	2705	2664	2526	2318	1838	1392
Scott	42015	42187	49364	53122	43369	29649	22211	97976	91464	96407	76650	64053	62049	55295	18677	17328	14251	12915	11645	9000	7242
Shelby	3477	3586	4585	5997	6278	5628	5890	7008	6951	8037	7363	7533	8828	9664	2688	2693	2421	2168	2014	1486	1166
Sioux	8567	8941	9508	10359	10582	9633	10059	18269	16553	17399	14332	13022	14500	15271	4753	4409	3906	3305	2771	2248	1879
Story	15248	14680	15075	16948	15448	12105	9573	56863	52407	51215	40655	29019	28449	21017	7870	7165	6036	5180	4860	3740	2844
Tama	4808	4548	5663	6940	7648	6900	6809	9905	9487	10544	10108	10794	12250	13539	3390	3384	3326	3099	2971	2538	2080
Taylor	1665	1822	2148	2508	3257	3770	4388	3737	3576	4429	4414	5121	6759	8227	1556	1716	1776	1868	1910	1891	1643
Union	2867	3292	3810	4264	4451	4571	4645	7145	6994	7571	6837	6894	8896	9746	2297	2464	2477	2456	2367	2184	1889
Van Buren	1934	2015	2434	2702	3178	3359	3398	4384	4093	4576	4336	4944	5886	7037	1491	1568	1616	1605	1656	1762	1618
Wapello	8397	8568	10570	13591	16075	15018	13140	21239	20444	22852	22376	24414	27656	27157	6415	6675	6819	6182	5637	4723	3983
Warren	10985	10186	11397	10408	7798	5776	5601	24871	21902	20257	14513	10668	9953	10162	4815	3945	3224	2511	2363	2029	1932
Washington	5389	5254	5788	6565	7013	6300	6078	11587	10717	11078	9444	9588	10742	11741	3694	3641	3275	2958	2805	2515	2236
Wayne	1606	1657	1976	2306	2920	3384	3970	3523	3554	4343	4257	5006	6531	7635	1601	1856	1880	1842	1874	1822	1703
Webster	9847	10483	12727	17170	17758	14084	12769	23398	22746	26478	25152	24490	25882	25566	6990	7113	6748	6069	5562	4275	3186
Winnebago	2824	3090	3461	4058	4576	4489	4669	6681	6714	7252	6974	6880	7585	8143	2218	2318	2297	1958	1643	1376	1160
Winneshiek	4900	5131	6012	7421	7728	6977	7036	13065	12503	12771	11402	11395	12316	12950	3345	3213	3093	2935	2528	2346	2277
Woodbury	28390	27579	29187	35614	38895	31571	30421	61609	56254	58283	54539	56600	62836	65617	13878	14443	13414	12899	12354	9510	7589
Worth	1921	1982	2395	2906	3711	3729	3634	4456	4341	4987	4613	5294	6200	6872	1532	1668	1693	1465	1254	1139	943
Wright	3507	3485	4328	5770	7203	6409	6370	7789	7625	9039	8890	9774	11165	12030	3038	3159	2952	2634	2470	2078	1638
State of Iowa	733638	718880	825873	975929	987268	816154	762185	1756473	1631769	1700351	1499146	1442584	1531921	1548316	436213	426106	387584	350293	327685	272998	227767

Table 2. Percentage of Residents 17 or Younger, 18-64, and 65 or Older in Iowa's Counties, 1940-2000.

County	Residents Age 17 or Younger							Residents Age 18 through 64							Residents Age 65 or Older						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Adair	23.9	25.1	26.8	31.6	33.5	32.1	31.4	54.0	51.3	53.5	51.5	51.7	56.7	58.9	22.1	23.6	19.7	16.9	14.9	11.2	9.6
Adams	23.9	24.4	26.4	30.9	34.6	33.0	32.1	54.6	53.8	54.8	52.1	50.5	55.3	58.7	21.4	21.7	18.8	17.0	14.9	11.8	9.2
Allamakee	25.4	27.2	30.5	36.6	38.7	34.3	32.3	56.2	53.3	52.5	47.4	47.6	53.7	57.0	18.4	19.5	17.0	16.0	13.7	12.0	10.6
Appanoose	23.7	25.2	27.5	29.4	30.1	30.7	31.7	56.3	53.4	53.9	51.7	50.6	54.7	58.1	20.0	21.4	18.6	18.9	19.3	14.6	10.3
Audubon	25.9	25.5	27.6	35.0	37.0	33.1	32.3	50.6	51.3	53.8	49.5	49.9	57.0	59.9	23.5	23.1	18.6	15.5	13.1	9.9	7.9
Benton	27.4	27.7	30.0	36.1	37.0	32.6	30.6	57.2	55.7	55.4	50.6	50.5	56.4	59.9	15.4	16.6	14.6	13.3	12.5	10.9	9.5
Black Hawk	23.1	25.4	28.3	35.5	38.2	30.7	28.3	62.9	61.0	61.5	55.4	53.1	61.2	64.4	14.0	13.6	10.2	9.1	8.7	8.1	7.3
Boone	24.8	24.5	25.9	31.7	33.3	29.7	29.4	58.8	57.5	57.7	52.1	52.0	58.2	60.9	16.4	18.0	16.4	16.2	14.7	12.1	9.7
Bremer	24.1	25.3	29.3	33.9	34.9	31.9	31.1	59.9	58.1	57.6	54.0	53.8	57.3	59.1	16.0	16.7	13.1	12.1	11.3	10.8	9.8
Buchanan	28.6	30.8	33.3	39.6	39.1	33.7	29.1	56.9	53.6	54.5	49.0	49.2	54.6	59.2	14.5	15.6	12.2	11.5	11.7	11.7	11.7
Buena Vista	25.4	25.9	26.1	33.6	35.7	29.9	28.9	57.8	56.2	57.6	51.6	51.1	59.4	62.7	16.9	17.9	16.3	14.8	13.2	10.7	8.4
Butler	24.4	26.4	29.1	34.0	35.8	32.7	32.0	55.5	53.1	54.4	51.6	51.5	56.4	58.7	20.1	20.5	16.5	14.4	12.7	10.9	9.3
Calhoun	23.1	25.1	26.4	32.9	36.0	32.4	31.1	54.8	51.2	53.9	49.9	50.2	56.5	60.3	22.1	23.7	19.6	17.2	13.8	11.1	8.6
Carroll	26.9	29.7	32.0	40.0	40.1	35.1	34.6	54.4	52.5	53.2	46.7	48.2	55.6	57.9	18.7	17.8	14.8	13.3	11.7	9.3	7.5
Cass	23.8	25.6	26.7	32.1	33.3	30.5	28.6	55.5	53.4	54.5	50.7	51.8	57.2	61.9	20.8	20.9	18.8	17.2	14.8	12.3	9.5
Cedar	25.3	26.7	29.2	34.5	36.3	30.8	28.0	58.4	56.3	56.2	51.5	50.9	57.5	61.9	16.2	16.9	14.6	14.0	12.8	11.7	10.1
Cerro Gordo	23.8	24.8	25.8	33.2	36.1	30.8	30.6	58.5	58.4	59.8	53.9	52.1	59.7	62.1	17.7	16.9	14.4	12.8	11.8	9.5	7.3
Cherokee	24.6	27.1	28.0	35.8	35.4	30.1	28.7	55.0	54.3	56.4	50.6	51.4	58.6	62.4	20.4	18.5	15.6	13.6	13.2	11.2	8.9
Chickasaw	26.1	28.1	31.7	38.6	38.1	34.5	31.8	56.0	54.1	53.9	47.9	49.3	54.5	58.4	17.9	17.8	14.5	13.5	12.5	11.1	9.7
Clarke	26.3	26.2	27.5	30.1	32.1	30.7	31.3	56.6	55.3	55.3	52.1	51.1	55.6	57.6	17.1	18.6	17.1	17.8	16.8	13.7	11.2
Clay	24.7	27.3	28.5	34.5	37.6	32.3	31.1	57.3	56.2	57.9	52.4	50.9	58.3	61.3	18.0	16.5	13.7	13.1	11.4	9.3	7.6
Clayton	25.4	27.9	29.6	35.3	36.2	32.2	31.0	56.1	54.0	54.1	49.8	50.4	56.2	58.9	18.5	18.1	16.3	14.9	13.5	11.5	10.1
Clinton	25.6	26.7	29.8	36.0	36.2	30.7	28.1	58.6	57.3	57.3	52.5	52.5	59.2	62.2	15.8	16.0	12.9	11.5	11.4	10.1	9.7
Crawford	26.5	27.5	30.6	37.4	36.9	33.8	32.5	56.3	55.1	55.3	49.8	50.3	56.7	60.1	17.1	17.4	14.0	13.1	12.8	9.5	7.4
Dallas	28.2	27.8	29.8	34.8	34.8	30.6	29.5	60.7	57.5	57.2	51.6	50.6	57.0	60.8	11.1	14.6	13.0	13.6	14.6	12.3	9.7
Davis	27.1	27.2	28.8	31.6	34.4	31.8	31.7	55.5	54.0	54.1	51.6	50.8	54.7	57.2	17.4	18.7	17.1	16.8	14.8	13.6	11.1
Decatur	23.0	23.3	24.2	26.8	30.4	31.1	32.2	59.3	56.2	57.4	55.1	53.0	55.2	55.9	17.7	20.5	18.3	18.1	16.6	13.7	11.8
Delaware	29.0	30.7	33.8	41.3	40.5	35.7	33.9	56.0	54.6	53.7	46.7	48.0	54.1	56.8	15.0	14.7	12.5	12.0	11.5	10.2	9.3
Des Moines	24.4	25.7	28.3	33.5	34.5	29.1	26.5	58.9	58.1	57.6	53.3	53.2	60.2	62.4	16.7	16.2	14.1	13.2	12.3	10.7	11.1
Dickinson	21.9	23.5	26.7	32.1	35.3	32.4	31.7	57.5	55.7	57.0	52.8	51.4	57.8	60.5	20.6	20.8	16.2	15.2	13.3	9.7	7.8
Dubuque	25.6	27.1	32.0	39.8	38.2	31.3	30.7	59.7	58.9	57.0	50.2	51.5	58.8	60.0	14.7	14.1	11.1	10.0	10.3	9.9	9.3
Emmet	24.2	26.6	28.9	34.9	38.9	34.0	31.6	56.4	54.6	56.3	51.9	49.6	56.6	60.5	19.4	18.9	14.7	13.2	11.4	9.4	8.0
Fayette	25.0	26.5	29.3	35.3	36.4	32.7	31.6	56.0	54.4	54.4	50.4	51.2	56.3	59.0	19.0	19.2	16.3	14.4	12.5	11.0	9.4

Table 2. Percentage of Residents 17 or Younger, 18-64, and 65 or Older in Iowa's Counties, 1940-2000 (continued).

County	Residents Age 17 or Younger							Residents Age 18 through 64							Residents Age 65 or Older						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Floyd	25.1	25.9	29.4	34.4	36.0	32.6	30.0	55.7	54.4	55.2	51.9	50.8	56.5	60.8	19.2	19.6	15.4	13.7	13.2	10.9	9.2
Franklin	24.2	25.7	26.8	32.2	34.9	32.6	31.3	55.3	54.2	55.9	52.1	52.7	58.2	60.9	20.5	20.0	17.2	15.8	12.4	9.2	7.8
Fremont	25.1	26.1	27.2	31.4	33.2	32.2	32.1	55.1	52.3	54.3	51.8	52.1	55.7	58.2	19.8	21.6	18.5	16.8	14.7	12.0	9.7
Greene	25.6	24.7	27.3	33.2	35.2	32.2	30.8	52.8	52.7	53.6	50.3	50.7	56.7	60.3	21.6	22.5	19.1	16.6	14.2	11.1	8.9
Grundy	25.2	25.6	28.6	33.5	35.2	31.7	28.8	55.5	54.4	55.8	53.3	52.7	58.0	63.0	19.3	20.0	15.6	13.2	12.1	10.2	8.2
Guthrie	23.6	24.9	26.7	31.8	34.2	32.5	32.2	55.9	54.1	53.5	49.7	49.9	55.2	58.1	20.5	21.0	19.8	18.5	15.8	12.4	9.6
Hamilton	25.4	25.4	27.5	33.6	36.1	32.0	31.1	56.5	56.1	57.1	52.7	51.8	57.5	60.6	18.0	18.5	15.4	13.7	12.1	10.4	8.3
Hancock	26.5	28.2	29.3	36.2	37.9	35.3	33.4	55.5	53.7	55.3	49.5	50.8	55.7	59.2	17.9	18.1	15.4	14.6	11.4	9.0	7.4
Hardin	24.7	25.0	27.0	32.0	34.3	30.3	29.9	54.6	53.8	55.8	52.2	51.0	57.9	60.4	20.7	21.2	17.2	15.8	14.6	11.8	9.7
Harrison	26.2	26.9	29.1	34.0	36.6	34.0	34.2	56.1	53.7	53.6	49.6	49.1	54.5	57.0	17.7	19.5	17.2	16.4	14.3	11.4	8.8
Henry	24.7	25.2	27.1	31.5	30.9	27.3	25.8	60.6	58.2	57.6	54.2	52.7	58.1	60.7	14.7	16.5	15.3	14.3	16.4	14.6	13.5
Howard	26.3	26.8	28.7	35.4	36.7	33.6	32.1	53.5	51.6	52.2	48.2	49.5	54.6	57.9	20.1	21.6	19.2	16.3	13.8	11.7	10.0
Humboldt	24.9	25.5	27.5	36.0	37.6	33.7	32.5	54.2	53.5	56.0	50.3	50.2	56.1	59.3	21.0	21.0	16.5	13.7	12.2	10.2	8.2
Ida	25.5	27.9	27.2	34.6	35.3	30.9	30.9	52.7	51.8	54.6	49.8	50.4	59.3	61.3	21.8	20.3	18.2	15.7	14.3	9.7	7.8
Iowa	26.4	25.6	27.6	35.0	36.1	32.0	30.7	56.5	55.6	56.0	51.1	51.5	56.2	59.0	17.1	18.8	16.4	13.9	12.4	11.8	10.2
Jackson	26.0	27.9	32.3	38.7	37.9	33.1	31.6	56.7	55.5	53.9	48.3	50.0	55.1	58.0	17.3	16.6	13.8	13.0	12.0	11.8	10.3
Jasper	24.6	25.6	28.2	34.7	35.9	31.7	31.7	59.3	58.4	58.2	53.5	53.1	58.6	59.7	16.0	15.9	13.6	11.8	11.0	9.8	8.6
Jefferson	24.4	24.4	24.9	30.0	32.3	29.6	28.7	61.8	60.8	60.1	55.6	53.7	58.0	60.8	13.8	14.7	15.0	14.3	14.0	12.4	10.5
Johnson	20.1	20.1	22.0	28.7	31.2	25.1	26.9	72.5	72.4	70.9	64.3	60.5	67.1	63.9	7.4	7.4	7.1	7.0	8.3	7.8	9.2
Jones	24.1	25.7	29.4	35.5	36.8	32.1	28.9	60.1	58.4	57.2	52.1	51.8	57.6	61.8	15.8	15.9	13.5	12.4	11.5	10.3	9.3
Keokuk	25.7	26.0	27.1	33.1	34.6	30.8	30.2	54.1	53.3	52.8	49.0	49.0	54.3	58.2	20.2	20.7	20.0	17.9	16.3	14.9	11.6
Kossuth	25.8	28.1	30.4	38.2	40.1	36.9	35.3	54.0	53.0	54.6	48.9	49.8	54.7	57.8	20.1	19.0	15.1	12.9	10.1	8.4	6.9
Lee	24.4	25.8	28.2	33.7	34.8	29.9	27.5	59.1	57.5	58.2	53.6	53.0	59.5	62.7	16.5	16.7	13.7	12.8	12.2	10.6	9.9
Linn	25.3	25.1	29.1	36.2	35.5	28.4	26.3	62.5	62.7	60.8	54.8	54.7	61.4	64.9	12.2	12.1	10.1	9.1	9.9	10.2	8.8
Louisa	27.7	27.3	30.8	35.1	35.7	33.0	32.4	58.2	57.7	55.3	50.8	51.0	55.2	56.3	14.1	15.0	13.8	14.1	13.4	11.8	11.3
Lucas	25.4	24.6	26.8	31.2	31.1	29.3	31.5	55.3	54.7	54.8	50.7	51.2	55.6	57.9	19.3	20.7	18.4	18.2	17.8	15.1	10.6
Lyon	28.0	30.2	31.1	38.5	39.7	36.5	35.4	53.2	51.8	53.6	48.4	50.1	55.5	57.7	18.8	18.0	15.3	13.2	10.2	8.0	6.9
Madison	27.1	27.6	29.2	32.0	34.0	32.4	31.2	57.7	54.4	53.7	51.0	50.2	54.9	58.4	15.2	18.0	17.1	17.0	15.8	12.6	10.4
Mahaska	25.7	26.1	26.4	29.8	33.4	29.9	29.2	57.9	56.2	57.6	53.9	52.0	57.6	59.8	16.3	17.7	16.1	16.3	14.6	12.5	11.0
Marion	25.3	25.6	27.6	30.8	32.6	29.6	29.8	58.7	58.2	58.0	54.3	52.7	59.1	60.6	15.9	16.1	14.4	15.0	14.7	11.4	9.6
Marshall	25.3	25.1	28.1	34.0	34.5	30.0	28.9	58.3	57.5	58.0	53.6	53.0	58.9	62.1	16.4	17.5	13.9	12.3	12.6	11.1	9.1
Mills	26.8	27.5	29.6	34.6	35.0	32.6	30.8	60.6	58.8	57.6	52.6	53.4	57.0	60.8	12.6	13.7	12.7	13.0	11.5	10.4	8.4
Mitchell	26.5	26.1	28.8	37.1	38.6	33.7	31.6	51.9	52.1	52.5	46.8	48.3	54.4	58.3	21.6	21.8	18.7	16.1	13.2	12.0	10.1

Table 2. Percentage of Residents 17 or Younger, 18-64, and 65 or Older in Iowa's Counties, 1940-2000 (continued).

County	Residents Age 17 or Younger							Residents Age 18 through 64							Residents Age 65 or Older						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Monona	23.2	24.5	26.2	32.3	35.5	35.0	34.7	52.8	51.8	53.7	50.8	50.7	54.8	57.4	23.9	23.7	20.1	16.9	13.9	10.2	7.9
Monroe	25.3	25.4	27.0	31.9	34.2	32.2	32.5	55.1	54.0	54.6	49.5	49.5	53.9	56.9	19.5	20.6	18.4	18.7	16.3	13.9	10.6
Montgomery	25.0	24.6	25.9	30.1	32.9	30.2	28.7	54.8	53.5	54.5	51.0	50.6	56.9	60.9	20.3	21.8	19.7	19.0	16.5	13.0	10.4
Muscatine	26.9	27.9	30.9	35.4	35.1	31.0	29.0	60.2	58.7	57.1	52.3	51.5	57.0	60.8	12.9	13.4	12.1	12.3	13.4	12.0	10.2
O'Brien	24.8	26.7	27.5	35.0	36.9	33.0	31.2	54.1	52.6	54.9	49.1	50.0	57.2	60.1	21.1	20.6	17.6	15.9	13.1	9.7	8.7
Osceola	26.1	27.2	28.8	36.1	38.8	35.0	35.3	55.0	53.4	54.0	48.9	50.5	57.2	58.4	18.9	19.3	17.2	15.0	10.8	7.8	6.3
Page	23.3	25.0	26.0	28.2	30.1	27.7	26.3	56.9	54.1	54.9	53.1	53.3	58.6	62.8	19.8	20.9	19.1	18.7	16.6	13.7	10.9
Palo Alto	24.0	26.7	28.7	36.2	39.7	36.5	36.5	54.6	52.8	54.3	49.1	48.8	54.9	56.0	21.3	20.5	17.0	14.7	11.5	8.6	7.5
Plymouth	28.3	29.0	30.3	36.5	38.7	33.4	32.3	55.7	54.6	55.3	51.3	49.8	57.6	60.0	16.0	16.3	14.4	12.2	11.5	9.0	7.7
Pocahontas	25.4	26.0	27.7	36.3	38.1	35.1	34.2	52.9	52.2	53.9	48.0	49.5	56.2	58.3	21.7	21.8	18.4	15.7	12.4	8.7	7.4
Polk	25.7	25.1	27.5	34.1	35.1	29.0	26.8	63.1	63.4	62.1	56.1	55.2	62.1	65.7	11.1	11.5	10.4	9.8	9.7	9.0	7.5
Pottawattamie	26.0	27.3	30.4	37.5	38.2	31.6	31.0	60.3	59.4	58.0	51.9	51.8	58.9	60.7	13.7	13.4	11.6	10.6	9.9	9.6	8.3
Poweshiek	22.7	24.5	26.3	32.4	34.4	29.9	29.3	59.7	58.8	58.8	54.1	52.7	58.7	60.1	17.6	16.7	14.9	13.5	12.9	11.4	10.6
Ringgold	24.0	23.9	24.7	29.0	33.7	31.9	32.1	52.0	51.8	54.1	51.9	50.6	54.5	57.0	24.0	24.2	21.2	19.1	15.8	13.6	10.9
Sac	24.1	26.6	27.1	34.2	36.9	32.6	32.1	53.2	51.5	54.1	49.5	49.5	56.9	60.0	22.7	21.9	18.9	16.2	13.6	10.5	7.9
Scott	26.5	27.9	30.8	37.2	36.4	29.4	26.2	61.7	60.6	60.2	53.7	53.8	61.6	65.2	11.8	11.5	8.9	9.1	9.8	8.9	8.5
Shelby	26.4	27.1	30.5	38.6	39.7	35.3	35.2	53.2	52.5	53.4	47.4	47.6	55.4	57.8	20.4	20.4	16.1	14.0	12.7	9.3	7.0
Sioux	27.1	29.9	30.9	37.0	40.1	36.5	37.0	57.8	55.4	56.5	51.2	49.4	55.0	56.1	15.0	14.7	12.7	11.8	10.5	8.5	6.9
Story	19.1	19.8	20.8	27.0	31.3	27.3	28.6	71.1	70.6	70.8	64.8	58.8	64.2	62.9	9.8	9.6	8.3	8.3	9.9	8.4	8.5
Tama	26.6	26.1	29.0	34.4	35.7	31.8	30.4	54.7	54.5	54.0	50.2	50.4	56.5	60.4	18.7	19.4	17.0	15.4	13.9	11.7	9.3
Taylor	23.9	25.6	25.7	28.5	31.7	30.4	30.8	53.7	50.3	53.0	50.2	49.8	54.4	57.7	22.4	24.1	21.3	21.3	18.6	15.2	11.5
Union	23.3	25.8	27.5	31.5	32.5	29.2	28.5	58.0	54.9	54.6	50.4	50.3	56.8	59.9	18.7	19.3	17.9	18.1	17.3	14.0	11.6
Van Buren	24.8	26.3	28.2	31.3	32.5	30.5	28.2	56.1	53.3	53.0	50.2	50.6	53.5	58.4	19.1	20.4	18.7	18.6	16.9	16.0	13.4
Wapello	23.3	24.0	26.3	32.2	34.9	31.7	29.7	58.9	57.3	56.8	53.1	52.9	58.3	61.3	17.8	18.7	16.9	14.7	12.2	10.0	9.0
Warren	27.0	28.3	32.7	37.9	37.4	32.5	31.7	61.2	60.8	58.1	52.9	51.2	56.0	57.4	11.8	10.9	9.2	9.2	11.3	11.4	10.9
Washington	26.1	26.8	28.7	34.6	36.1	32.2	30.3	56.1	54.6	55.0	49.8	49.4	54.9	58.5	17.9	18.6	16.3	15.6	14.5	12.9	11.1
Wayne	23.9	23.4	24.1	27.4	29.8	28.8	29.8	52.3	50.3	53.0	50.6	51.1	55.6	57.4	23.8	26.3	22.9	21.9	19.1	15.5	12.8
Webster	24.5	26.0	27.7	35.5	37.1	31.8	30.8	58.2	56.4	57.6	52.0	51.2	58.5	61.6	17.4	17.6	14.7	12.5	11.6	9.7	7.7
Winnebago	24.1	25.5	26.6	31.2	34.9	33.4	33.4	57.0	55.4	55.7	53.7	52.5	56.4	58.3	18.9	19.1	17.7	15.1	12.5	10.2	8.3
Winneshiek	23.0	24.6	27.5	34.1	35.7	32.2	31.6	61.3	60.0	58.4	52.4	52.6	56.9	58.2	15.7	15.4	14.1	13.5	11.7	10.8	10.2
Woodbury	27.3	28.1	28.9	34.6	36.1	30.4	29.4	59.3	57.2	57.8	52.9	52.5	60.5	63.3	13.4	14.7	13.3	12.5	11.5	9.2	7.3
Worth	24.3	24.8	26.4	32.3	36.2	33.7	31.7	56.3	54.3	55.0	51.3	51.6	56.0	60.0	19.4	20.9	18.7	16.3	12.2	10.3	8.2
Wright	24.5	24.4	26.5	33.4	37.0	32.6	31.8	54.3	53.4	55.4	51.4	50.3	56.8	60.0	21.2	22.1	18.1	15.2	12.7	10.6	8.2
State of Iowa	25.1	25.9	28.3	34.5	35.8	31.1	30.0	60.0	58.8	58.4	53.1	52.3	58.4	61.0	14.9	15.3	13.3	12.4	11.9	10.4	9.0

The Counties

The number 65 and older increased each decade from 1940 through 1990 in 68 counties. However, that number dropped to 35 when the 1940-2000 period was examined, primarily because only 40 counties had gains among older residents from 1990 to 2000. When 1940 and 2000 were compared, the greatest numerical increase occurred in Polk (+27,000); three other counties (Black Hawk, Linn, Scott) had at least 10,000 more residents 65 and over in 2000 than in 1940. Another 53 gained from 1,000 to 9,999, while 35 increased from 100 to 999. Decatur, Taylor, Van Buren, and Wayne were the only counties with fewer residents 65 and older in 2000 than 60 years earlier.

In the most recent decade, gains of at least 1,000 among those 65 or older occurred in five counties (Black Hawk, Johnson, Linn, Polk, Scott). Thirty-six of the 59 counties reporting fewer residents 65 and older at the end of the 1990s than at the beginning declined by at least 100, although no decrease was as great as 1,000.

No county reported increases each decade in the number under the age of 18. Warren was the only county with gains every decade from 1940 through 1980. Twelve counties had smaller numbers of youth each succeeding decade and another 12 had their highest numbers in 1940 although they didn't drop every decade after that point. A majority (52) of the counties peaked in 1960. Only Dallas and Johnson had more youth in 2000 than in any previous census. Of the 97 counties with fewer residents under 18 in 2000 than at some earlier census, 21 had less than half the number of youth reported at the peak census; among these, Adams dropped by two-thirds (67.1%).

From 1990 to 2000, 36 counties noted increases in the number of residents under 18 years of age. Gains ranged from less than 100 in nine counties to more than 1,000 in Dallas, Johnson, Linn, and Polk. Declines in the remaining 63 counties ranged from less than 100 in 11 counties to more than 1,000 in Black Hawk. When 1940 and 2000 were compared, only 16 counties had gains among youth, although four (Johnson, Linn, Polk, Scott) had increases greater than 10,000 and another seven ranged from 1,000 to 9,999. Among the 83 counties with fewer youth in 2000 than 1940, 65 declined by more than 1,000; only Appanoose, Kossuth, and Wapello decreased by at least 4,000.

In 2000, Monona was the only county that had more residents 65 or older than under 18, although the younger group outnumbered those 65 or older by less than 10 in Ringgold and Wayne. Of the 98 counties with more younger than older residents, 28 had less than five percentage points separating those 17 or under and those 65 or older, although the figure for the state was 10.2 points. Nine counties (Dallas, Johnson, Linn, Mills, Muscatine, Polk, Scott, Warren, Woodbury), most of which are associated with urban areas, had at least two youths for every person 65 or older in 2000.

Changes also occurred among those 18 through 64 years of age. In two-thirds (66) of the counties, there were more residents 18-64 years old in 1940 than in any census that followed. Adams, Audubon, Pocahontas, Ringgold, Taylor, and Wayne counted less than half those 18-64 in 2000 than they had in 1940. Of the 19 that reported their greatest totals in this age group in 2000, gains from the lowest count across these censuses to 2000 exceeded 100,000 in Polk and were in the 10,000-99,999 range in Dallas, Johnson, Linn, Pottawattamie, Scott, Story, and Warren. These relatively large gains outnumbered the losses that occurred in the majority of counties.

When the most recent decade was examined, however, 80 counties had more in the 18-64 age category in 2000 than in 1990. Increases of at least 1,000 occurred in 21 counties, topped by those greater than 10,000 in Johnson, Linn, and Polk. None of the 19 counties with fewer residents aged 18 through 64 in 2000 than in 1990 declined by as much as 1,000.

Residents by Race in Iowa's Counties: 1980, 1990, and 2000

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For years, the decennial census has included a question on race. In 2000, residents were asked to "mark one or more races to indicate what this person considers himself/herself to be." This question was followed by several categories that could be checked. In its initial summary tables for 2000, the U.S. Bureau of the Census reported data for six "one-race" categories (American Indian and Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, White, some other race). A separate category contained those who marked two or more races on the questionnaire. In previous decades, only one category could be marked. Thus, the comparability between the 2000 and earlier census data is difficult to assess.

In 2000, all but 31,800 residents marked a single racial category (Table 1). The single racial group most frequently noted was that of White, which included more than 2.7 million residents or 93.9 percent of Iowa's population. The remaining one-race groups accounted for small portions of the total (Blacks or African Americans, 61,853 or 2.1%; Asians and Pacific Islanders, 37,644 or 1.3%; American Indians, 8,989 or 0.3%; some other race, 37,420 or 1.3%). Those indicating at least two races accounted for the remainder (1.1%) of the population. (Note: The Asian and the Native Hawaiian/Other Pacific Islander categories were merged because of the relatively small number (1,009) of Iowa residents who marked the Native Hawaiian/Other Pacific Islander category.)

Although a slight increase occurred in the diversity of Iowa's population, the 1990 (Table 2) and 1980 (Table 3) racial distributions were relatively similar to that for 2000. In 1990, for example, 96.6 percent of residents indicated that they were White; the 1980 percentage was 97.4. In all three censuses, Black residents were the second most numerous group. The smallest category each time included American Indians.

American Indians and Alaska Natives

In 2000, 8,989 Iowa residents indicated that the only racial group in which they should be counted was that of American Indian or Alaska Native (Table 1). That represented a gain of 1,640 (22.3%) from the 1990 figure of 7,349 (Table 2); in 1980, the count was 5,455 (Table 3). Another 9,257 in the 2000 census reported that they were American Indian and also a member of one or more of the other racial categories (Table 4). When these individuals were added to those selecting only the American Indian category, then the total for 2000 was 18,246; in that case, the gain from 1990 was nearly 10,900 (148.3%). Statewide in 2000, from 0.3 to 0.6 percent of Iowans were American Indian.

Three counties (Polk, Tama, Woodbury) had at least 1,000 residents who indicated that the only racial category in which they should be included was American Indian as of 2000. More than two-fifths (42.9%) of all American Indians lived in these three counties. Most counties (83) had fewer than 100 residents selecting American Indian as the only racial category. In 1980 and 1990, only Woodbury had at least 1,000 residents who were American Indian.

When those who indicated that they were American Indian or American Indian and one or more other races (total column in Table 4) are examined, then this group accounted for at least 1,000 residents in five counties (Linn, Polk, Scott, Tama, Woodbury) in 2000. These counties included nearly half (46.5%) of all residents who were American Indian or American Indian and one or more other races.

Table 1. Race in Iowa's Counties, 2000.

County	Total	One Race					Two or More Races
		American Indian and Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander*	Black or African American	White	Some Other Race	
Adair	8243	6	19	6	8153	19	40
Adams	4482	20	8	3	4433	2	16
Allamakee	14675	26	41	21	14070	414	103
Appanoose	13721	23	37	58	13469	37	97
Audubon	6830	6	13	10	6773	2	26
Benton	25308	37	47	51	25015	27	131
Black Hawk	128012	228	1310	10179	113194	1190	1911
Boone	26224	53	57	95	25838	67	114
Bremer	23325	15	126	112	22909	24	139
Buchanan	21093	45	86	57	20757	34	114
Buena Vista	20411	27	887	72	17962	1174	289
Butler	15305	8	34	13	15145	24	81
Calhoun	11115	22	21	77	10899	38	58
Carroll	21421	22	74	38	21178	43	66
Cass	14684	18	26	31	14513	46	50
Cedar	18187	34	60	34	17909	47	103
Cerro Gordo	46447	79	333	373	44711	410	541
Cherokee	13035	21	56	41	12817	48	52
Chickasaw	13095	4	36	7	12931	38	79
Clarke	9133	30	35	10	8826	179	53
Clay	17372	17	147	30	17039	44	95
Clayton	18678	41	21	26	18478	35	77
Clinton	50149	120	292	946	48079	172	540
Crawford	16942	47	85	129	15773	777	131
Dallas	40750	62	300	300	38609	1135	344
Davis	8541	18	21	15	8400	18	69
Decatur	8689	21	65	85	8381	40	97
Delaware	18404	18	28	13	18271	19	55
Des Moines	42351	104	267	1511	39679	289	501
Dickinson	16424	34	31	29	16244	16	70
Dubuque	89143	131	590	767	86531	447	677
Emmet	11027	31	34	26	10738	138	60
Fayette	22008	29	94	116	21505	94	170
Floyd	16900	16	88	39	16581	75	101
Franklin	10704	25	19	9	10160	434	57
Fremont	8010	19	19	3	7851	77	41
Greene	10366	16	26	15	10175	69	65
Grundy	12369	3	36	10	12242	19	59
Guthrie	11353	6	21	14	11195	48	69
Hamilton	16438	33	241	38	15898	100	128
Hancock	12100	12	39	11	11822	167	49
Hardin	18812	24	69	116	18274	234	95
Harrison	15666	34	27	13	15460	32	100
Henry	20336	49	388	302	19274	106	217
Howard	9932	15	17	11	9839	8	42
Humboldt	10381	6	34	11	10239	42	49
Ida	7837	5	19	8	7760	12	33
Iowa	15671	10	51	27	15467	56	60
Jackson	20296	24	42	20	20085	30	95
Jasper	37213	81	181	309	36313	98	231

*Asian (36,635) is listed as one race and Native Hawaiian and Other Pacific Islanders (1,009) as another race in the 2000 census; they are merged here to allow comparison with earlier censuses.

Table 1. Race in Iowa's Counties, 2000 (continued).

County	Total	One Race					Two or More Races
		American Indian and Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander*	Black or African American	White	Some Other Race	
Jefferson	16181	27	281	104	15537	85	147
Johnson	111006	313	4626	3223	100051	1116	1677
Jones	20221	64	44	361	19549	46	157
Keokuk	11400	13	28	8	11286	24	41
Kossuth	17163	25	61	19	16950	50	58
Lee	38052	99	172	1066	35862	392	461
Linn	191701	418	2725	4919	179999	881	2759
Louisa	12183	22	27	31	11441	555	107
Lucas	9422	10	29	12	9275	35	61
Lyon	11763	17	19	11	11661	12	43
Madison	14019	38	28	12	13818	27	96
Mahaska	22335	43	198	142	21710	68	174
Marion	32052	61	343	134	31237	71	206
Marshall	39311	136	330	365	35551	2371	558
Mills	14547	39	44	41	14251	52	120
Mitchell	10874	8	21	19	10795	8	23
Monona	10020	76	16	8	9854	8	58
Monroe	8016	29	32	16	7888	10	41
Montgomery	11771	41	30	9	11559	80	52
Muscatine	41722	128	352	294	37852	2525	571
O'Brien	15102	25	78	52	14807	71	69
Osceola	7003	18	15	8	6866	59	37
Page	16976	83	83	282	16315	83	130
Palo Alto	10147	19	35	9	10007	19	58
Plymouth	24849	36	80	72	24393	115	153
Pocahontas	8662	15	16	21	8531	26	53
Polk	374601	1001	10067	18113	330917	8299	6204
Pottawattamie	87704	325	440	671	84181	1116	971
Poweshiek	18815	44	211	103	18202	92	163
Ringgold	5469	12	9	6	5418	1	23
Sac	11529	10	18	30	11359	46	66
Scott	158668	500	2534	9689	140481	2606	2858
Shelby	13173	38	36	13	12999	24	63
Sioux	31589	40	190	64	30746	380	169
Story	79981	128	4105	1463	72898	478	909
Tama	18103	1102	36	46	16362	344	213
Taylor	6958	7	25	2	6799	79	46
Union	12309	21	31	28	12117	40	72
Van Buren	7809	14	27	5	7701	12	50
Wapello	36051	102	240	337	34709	379	284
Warren	40671	71	174	108	39889	118	311
Washington	20670	40	58	60	20059	312	141
Wayne	6730	8	14	4	6648	13	43
Webster	40235	119	274	1364	37574	442	462
Winnebago	11723	27	85	21	11415	118	57
Winneshiek	21310	16	175	108	20852	52	107
Woodbury	103877	1753	2544	2097	90875	4538	2070
Worth	7909	7	12	22	7780	33	55
Wright	14334	26	28	24	13750	415	91
State of Iowa	2926324	8989	37644	61853	2748640	37420	31778

Table 2. Race in Iowa's Counties, 1990.

County	Total	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Black	White	Other Race
Adair	8409	5	19	1	8377	7
Adams	4866	7	3	3	4847	6
Allamakee	13855	21	28	5	13791	10
Appanoose	13743	26	36	79	13582	20
Audubon	7334	3	6	1	7324	0
Benton	22429	31	42	20	22317	19
Black Hawk	123798	226	1005	8514	113656	397
Boone	25186	19	78	62	25003	24
Bremer	22813	11	132	70	22580	20
Buchanan	20844	24	43	38	20695	44
Buena Vista	19965	16	396	56	19458	39
Butler	15731	12	25	4	15681	9
Calhoun	11508	11	23	30	11433	11
Carroll	21423	19	56	7	21325	16
Cass	15128	22	15	9	15074	8
Cedar	17381	17	49	16	17274	25
Cerro Gordo	46733	44	260	303	45738	388
Cherokee	14098	37	32	20	14000	9
Chickasaw	13295	4	18	4	13264	5
Clarke	8287	8	21	3	8252	3
Clay	17585	31	82	8	17449	15
Clayton	19054	16	27	6	18996	9
Clinton	51040	125	202	732	49882	99
Crawford	16775	33	88	59	16569	26
Dallas	29755	42	70	63	29534	46
Davis	8312	25	21	2	8246	18
Decatur	8338	16	71	35	8197	19
Delaware	18035	15	32	11	17959	18
Des Moines	42614	69	225	1327	40809	184
Dickinson	14909	22	26	16	14830	15
Dubuque	86403	77	437	354	85367	168
Emmet	11569	12	31	19	11484	23
Fayette	21843	16	48	48	21673	58
Floyd	17058	13	44	8	16953	40
Franklin	11364	8	17	6	11253	80
Fremont	8226	9	16	4	8177	20
Greene	10045	10	30	5	9994	6
Grundy	12029	9	21	7	11986	6
Guthrie	10935	19	14	7	10883	12
Hamilton	16071	21	90	9	15902	49
Hancock	12638	5	26	1	12524	82
Hardin	19094	25	53	117	18844	55
Harrison	14730	15	51	10	14649	5
Henry	19226	44	215	211	18710	46
Howard	9809	7	20	5	9768	9
Humboldt	10756	15	27	9	10701	4
Ida	8365	5	19	1	8331	9
Iowa	14630	11	34	7	14566	12
Jackson	19950	23	24	16	19867	20
Jasper	34795	62	175	65	34446	47

Table 2. Race in Iowa's Counties, 1990 (continued).

County	Total	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Black	White	Other Race
Jefferson	16310	23	139	93	16027	28
Johnson	96119	176	3837	1979	89649	478
Jones	19444	35	22	299	19056	32
Keokuk	11624	19	27	6	11565	7
Kossuth	18591	7	59	8	18463	54
Lee	38687	61	135	1112	36990	389
Linn	168767	363	1401	3334	163164	505
Louisa	11592	36	18	86	11206	246
Lucas	9070	20	17	4	9004	25
Lyon	11952	15	35	2	11896	4
Madison	12483	37	16	5	12402	23
Mahaska	21522	16	179	42	21254	31
Marion	30001	42	283	104	29550	22
Marshall	38276	105	302	279	37472	118
Mills	13202	28	17	22	13110	25
Mitchell	10928	1	21	2	10896	8
Monona	10034	26	13	5	9982	8
Monroe	8114	16	33	19	8039	7
Montgomery	12076	11	12	5	12038	10
Muscatine	39907	90	300	208	37745	1564
O'Brien	15444	32	52	8	15343	9
Osceola	7267	9	16	3	7228	11
Page	16870	52	80	84	16586	68
Palo Alto	10669	23	18	8	10616	4
Plymouth	23388	14	53	48	23260	13
Pocahontas	9525	10	17	4	9485	9
Polk	327140	922	6003	14799	303168	2248
Pottawattamie	82628	240	284	464	81205	435
Poweshiek	19033	22	191	87	18705	28
Ringgold	5420	10	18	1	5390	1
Sac	12324	14	20	4	12276	10
Scott	150979	485	1357	7970	139408	1759
Shelby	13230	20	20	5	13177	8
Sioux	29903	32	209	25	29608	29
Story	74252	106	3464	1191	69143	348
Tama	17419	812	65	31	16465	46
Taylor	7114	7	18	1	7070	18
Union	12750	22	49	10	12650	19
Van Buren	7676	8	18	10	7638	2
Wapello	35687	95	168	270	35063	91
Warren	36033	51	145	90	35684	63
Washington	19612	16	54	90	19403	49
Wayne	7067	8	16	1	7036	6
Webster	40342	113	159	883	39022	165
Winnebago	12122	17	77	31	11965	32
Winneshiek	20847	5	195	43	20577	27
Woodbury	98276	1697	1266	1877	92098	1338
Worth	7991	2	14	15	7918	42
Wright	14269	15	41	10	14175	28
State of Iowa	2776755	7349	25476	48090	2683090	12750

Table 3. Race in Iowa's Counties, 1980.

County	Total	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Black	White	Other Race
Adair	9509	1	5	1	9488	14
Adams	5731	4	15	1	5711	0
Allamakee	15108	8	10	8	15051	31
Appanoose	15511	38	42	103	15277	51
Audubon	8559	2	12	0	8533	12
Benton	23649	29	20	6	23559	35
Black Hawk	137961	254	679	8595	127923	510
Boone	26184	22	74	50	25989	49
Bremer	24820	16	79	46	24634	45
Buchanan	22900	21	41	25	22748	65
Buena Vista	20774	16	25	9	20641	83
Butler	17668	10	29	4	17580	45
Calhoun	13542	8	13	21	13487	13
Carroll	22951	16	38	3	22881	13
Cass	16932	13	44	10	16830	35
Cedar	18635	21	55	12	18495	52
Cerro Gordo	48458	42	143	238	47595	440
Cherokee	16238	20	19	7	16178	14
Chickasaw	15437	9	21	2	15385	20
Clarke	8612	9	13	4	8563	23
Clay	19576	37	34	4	19443	58
Clayton	21098	30	23	8	20987	50
Clinton	57122	99	194	551	56137	141
Crawford	18935	14	53	9	18764	95
Dallas	29513	19	70	56	29325	43
Davis	9104	5	4	16	9060	19
Decatur	9794	15	48	27	9659	45
Delaware	18933	11	15	3	18877	27
Des Moines	46203	63	122	1021	44790	207
Dickinson	15629	20	14	4	15563	28
Dubuque	93745	58	236	237	93015	199
Emmet	13336	12	31	13	13238	42
Fayette	25488	9	57	44	25294	84
Floyd	19597	3	29	4	19532	29
Franklin	13036	3	18	7	12935	73
Fremont	9401	26	11	5	9333	26
Greene	12119	9	45	4	12044	17
Grundy	14366	4	18	1	14325	18
Guthrie	11983	6	15	3	11957	2
Hamilton	17862	18	47	10	17748	39
Hancock	13833	7	17	6	13773	30
Hardin	21776	26	52	60	21585	53
Harrison	16348	25	11	8	16294	10
Henry	18890	23	87	125	18573	82
Howard	11114	3	18	3	11084	6
Humboldt	12246	7	13	11	12189	26
Ida	8908	3	2	1	8898	4
Iowa	15429	7	38	4	15339	41
Jackson	22503	5	30	4	22451	13
Jasper	36425	42	85	40	36169	89

Table 3. Race in Iowa's Counties, 1980 (continued).

County	Total	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Black	White	Other Race
Jefferson	16316	19	30	74	16120	73
Johnson	81717	126	1348	1194	78334	715
Jones	20401	22	15	102	20238	24
Keokuk	12921	9	12	3	12876	21
Kossuth	21891	11	41	6	21780	53
Lee	43106	62	171	1121	41358	394
Linn	169775	268	727	2740	165300	740
Louisa	12055	19	15	7	11935	79
Lucas	10313	13	14	2	10270	14
Lyon	12896	8	8	2	12831	47
Madison	12597	12	11	5	12538	31
Mahaska	22867	33	60	116	22547	111
Marion	29669	30	156	103	29218	162
Marshall	41652	75	163	266	40892	256
Mills	13406	21	20	16	13326	23
Mitchell	12329	1	10	0	12317	1
Monona	11692	18	4	0	11660	10
Monroe	9209	12	7	25	9154	11
Montgomery	13413	11	15	8	13346	33
Muscatine	40436	47	136	187	38737	1329
O'Brien	16972	5	9	3	16946	9
Osceola	8371	12	6	10	8333	10
Page	19063	22	57	37	18863	84
Palo Alto	12721	5	10	6	12682	18
Plymouth	24743	24	42	46	24598	33
Pocahontas	11369	8	7	1	11348	5
Polk	303170	712	2204	13700	282831	3723
Pottawattamie	86561	171	227	443	85256	464
Poweshiek	19306	20	86	66	19073	61
Ringgold	6112	8	23	0	6075	6
Sac	14118	3	8	3	14077	27
Scott	160022	339	815	6620	150425	1823
Shelby	15043	4	63	6	14951	19
Sioux	30813	60	60	35	30562	96
Story	72326	59	1249	789	69452	777
Tama	19533	658	34	13	18794	34
Taylor	8353	5	19	1	8320	8
Union	13858	7	26	16	13799	10
Van Buren	8626	7	30	6	8570	13
Wapello	40241	48	71	277	39737	108
Warren	34878	39	112	118	34550	59
Washington	20141	10	45	29	20012	45
Wayne	8199	8	15	0	8153	23
Webster	45953	36	120	797	44783	217
Winnebago	13010	7	25	26	12896	56
Winneshiek	21876	2	39	93	21588	154
Woodbury	100884	1169	314	1126	97659	616
Worth	9075	4	6	22	9008	35
Wright	16319	18	78	0	16178	45
State of Iowa	2913808	5455	11577	41700	2839225	15851

Table 4. Member of One Racial Category Only or Two or More Racial Categories by Race in Iowa's Counties, 2000.

County	American Indian			Asian or Native Hawaiian/Pacific Islander			Black or African American			White		
	One Race Only	Two or More Races	Total	One Race Only	Two or More Races	Total	One race Only	Two or More Races	Total	One Race Only	Two or More Races	Total
Adair	6	20	26	19	6	25	6	5	11	8153	39	8192
Adams	20	4	24	8	2	10	3	2	5	4433	16	4449
Allamakee	26	36	62	41	42	83	21	14	35	14070	92	14162
Appanoose	23	64	87	37	12	49	58	16	74	13469	93	13562
Audubon	6	14	20	13	3	16	10	8	18	6773	26	6799
Benton	37	62	99	47	22	69	51	43	94	25015	127	25142
Black Hawk	228	398	626	1310	353	1663	10179	810	10989	113194	1708	114902
Boone	53	51	104	57	22	79	95	30	125	25838	102	25940
Bremer	15	34	49	126	40	166	112	42	154	22909	134	23043
Buchanan	45	56	101	86	23	109	57	21	78	20757	107	20864
Buena Vista	27	43	70	887	77	964	72	58	130	17962	231	18193
Butler	8	43	51	34	17	51	13	16	29	15145	78	15223
Calhoun	22	27	49	21	11	32	77	18	95	10899	50	10949
Carroll	22	19	41	74	17	91	38	20	58	21178	64	21242
Cass	18	27	45	26	1	27	31	24	55	14513	48	14561
Cedar	34	33	67	60	33	93	34	22	56	17909	100	18009
Cerro Gordo	79	114	193	333	102	435	373	164	537	44711	519	45230
Cherokee	21	16	37	56	18	74	41	12	53	12817	52	12869
Chickasaw	4	39	43	36	17	53	7	12	19	12931	78	13009
Clarke	30	29	59	35	11	46	10	7	17	8826	51	8877
Clay	17	36	53	147	28	175	30	14	44	17039	93	17132
Clayton	41	31	72	21	15	36	26	18	44	18478	76	18554
Clinton	120	198	318	292	57	349	946	215	1161	48079	527	48606
Crawford	47	47	94	85	20	105	129	26	155	15773	114	15887
Dallas	62	91	153	300	86	386	300	98	398	38609	299	38908
Davis	18	42	60	21	15	36	15	9	24	8400	67	8467
Decatur	21	44	65	65	42	107	85	16	101	8381	87	8468
Delaware	18	28	46	28	11	39	13	9	22	18271	55	18326
Des Moines	104	152	256	267	73	340	1511	259	1770	39679	459	40138
Dickinson	34	24	58	31	9	40	29	28	57	16244	65	16309
Dubuque	131	189	320	590	165	755	767	240	1007	86531	630	87161
Emmet	31	26	57	34	10	44	26	19	45	10738	53	10791
Fayette	29	60	89	94	28	122	116	40	156	21505	154	21659

Table 4. Member of One Racial Category Only or Two or More Racial Categories by Race in Iowa's Counties, 2000 (continued).

County	American Indian			Asian or Native Hawaiian/Pacific Islander			Black or African American			White		
	One Race Only	Two or More Races	Total	One Race Only	Two or More Races	Total	One race Only	Two or More Races	Total	One Race Only	Two or More Races	Total
Floyd	16	42	58	88	41	129	39	21	60	16581	82	16663
Franklin	25	14	39	19	9	28	9	8	17	10160	53	10213
Fremont	19	25	44	19	11	30	3	3	6	7851	40	7891
Greene	16	27	43	26	9	35	15	11	26	10175	62	10237
Grundy	3	23	26	36	17	53	10	8	18	12242	59	12301
Guthrie	6	35	41	21	16	37	14	11	25	11195	68	11263
Hamilton	33	34	67	241	37	278	38	22	60	15898	116	16014
Hancock	12	12	24	39	20	59	11	7	18	11822	47	11869
Hardin	24	31	55	69	17	86	116	16	132	18274	92	18366
Harrison	34	67	101	27	19	46	13	27	40	15460	96	15556
Henry	49	68	117	388	79	467	302	64	366	19274	190	19464
Howard	15	12	27	17	15	32	11	11	22	9839	39	9878
Humboldt	6	17	23	34	16	50	11	6	17	10239	40	10279
Ida	5	7	12	19	15	34	8	7	15	7760	32	7792
Iowa	10	25	35	51	12	63	27	9	36	15467	52	15519
Jackson	24	40	64	42	23	65	20	30	50	20085	85	20170
Jasper	81	92	173	181	69	250	309	58	367	36313	209	36522
Jefferson	27	43	70	281	55	336	104	24	128	15537	130	15667
Johnson	313	339	652	4626	564	5190	3223	593	3816	100051	1469	101520
Jones	64	62	126	44	18	62	361	54	415	19549	141	19690
Keokuk	13	17	30	28	12	40	8	4	12	11286	37	11323
Kossuth	25	20	45	61	17	78	19	16	35	16950	57	17007
Lee	99	154	253	172	52	224	1066	227	1293	35862	430	36292
Linn	418	671	1089	2725	612	3337	4919	1331	6250	179999	2515	182514
Louisa	22	26	48	27	9	36	31	17	48	11441	104	11545
Lucas	10	21	31	29	4	33	12	2	14	9275	59	9334
Lyon	17	25	42	19	10	29	11	9	20	11661	39	11700
Madison	38	54	92	28	22	50	12	10	22	13818	87	13905
Mahaska	43	76	119	198	50	248	142	35	177	21710	166	21876
Marion	61	88	149	343	48	391	134	46	180	31237	195	31432
Marshall	136	117	253	330	92	422	365	138	503	35551	503	36054
Mills	39	72	111	44	18	62	41	11	52	14251	118	14369
Mitchell	8	6	14	21	8	29	19	2	21	10795	21	10816

Table 4. Member of One Racial Category Only or Two or More Racial Categories by Race in Iowa's Counties, 2000 (continued).

County	American Indian			Asian or Native Hawaiian/Pacific Islander			Black or African American			White		
	One Race Only	Two or More Races	Total	One Race Only	Two or More Races	Total	One race Only	Two or More Races	Total	One Race Only	Two or More Races	Total
Monona	76	28	104	16	7	23	8	10	18	9854	58	9912
Monroe	29	19	48	32	9	41	16	17	33	7888	37	7925
Montgomery	41	28	69	30	11	41	9	7	16	11559	50	11609
Muscatine	128	159	287	352	81	433	294	74	368	37852	528	38380
O'Brien	25	24	49	78	23	101	52	14	66	14807	56	14863
Osceola	18	12	30	15	5	20	8	5	13	6866	36	6902
Page	83	46	129	83	34	117	282	24	306	16315	122	16437
Palo Alto	19	29	48	35	13	48	9	7	16	10007	56	10063
Plymouth	36	38	74	80	39	119	72	45	117	24393	143	24536
Pocahontas	15	17	32	16	15	31	21	13	34	8531	48	8579
Polk	1001	1386	2387	10067	1536	11603	18113	2178	20291	330917	5319	336236
Pottawattamie	325	337	662	440	216	656	671	250	921	84181	890	85071
Poweshiek	44	55	99	211	63	274	103	44	147	18202	153	18355
Ringgold	12	9	21	9	3	12	6	3	9	5418	23	5441
Sac	10	17	27	18	20	38	30	18	48	11359	64	11423
Scott	500	793	1293	2534	497	3031	9689	1316	11005	140481	2561	143042
Shelby	38	28	66	36	17	53	13	11	24	12999	60	13059
Sioux	40	57	97	190	47	237	64	33	97	30746	144	30890
Story	128	223	351	4105	373	4478	1463	238	1701	72898	767	73665
Tama	1102	133	1235	36	13	49	46	35	81	16362	196	16558
Taylor	7	14	21	25	8	33	2	0	2	6799	45	6844
Union	21	32	53	31	14	45	28	12	40	12117	72	12189
Van Buren	14	34	48	27	6	33	5	10	15	7701	45	7746
Wapello	102	119	221	240	66	306	337	72	409	34709	261	34970
Warren	71	118	189	174	69	243	108	66	174	39889	294	40183
Washington	40	51	91	58	23	81	60	39	99	20059	134	20193
Wayne	8	16	24	14	15	29	4	9	13	6648	40	6688
Webster	119	145	264	274	58	332	1364	192	1556	37574	431	38005
Winnebago	27	7	34	85	29	114	21	20	41	11415	54	11469
Winneshiek	16	41	57	175	34	209	108	24	132	20852	95	20947
Woodbury	1753	725	2478	2544	380	2924	2097	666	2763	90875	1798	92673
Worth	7	33	40	12	7	19	22	9	31	7780	55	7835
Wright	26	25	51	28	20	48	24	25	49	13750	81	13831
State of Iowa	8989	9257	18246	37644	7155	44799	61853	10659	72512	2748640	28543	2777183

Asians or Pacific Islanders

More than 36,600 Iowa residents selected Asian as the only racial category in which they should be counted in the 2000 census. Another 1,000 residents selected only the Native Hawaiian or Other Pacific Islander group. Together these 37,644 residents represented a gain of more than 12,000 (47.8%) from the 1990 figure of 25,476 when Asians and Pacific Islanders were reported together in one category; the total in 1980 was 11,577. In 2000, another 7,155 selected the Asian or the Native Hawaiian/Pacific Islander groups in combination with one or more other racial categories. When these individuals were added to those selecting only the Asians or the Native Hawaiians/Pacific Islanders, then the total for 2000 was nearly 45,000; the gain from 1990 exceeded 19,000 (75.8%) when those with multiple racial affiliations were included. Asians or Native Hawaiian/Pacific Islanders were from 1.3 to 1.5 percent of all Iowa residents as of 2000.

In 1990 and 2000, at least 1,000 residents of seven counties (Black Hawk, Johnson, Linn, Polk, Scott, Story, Woodbury) selected only the Asian or the Native Hawaiian/Pacific Islander categories. In 2000, Polk alone had more than 1 of every 4 (26.7%) of these residents; this percentage rose to half (49.9%) with the addition of Johnson and Story. Two-thirds (68) of the counties had fewer than 100 residents choosing these categories. In 1980, only Johnson, Polk, and Story each had at least 1,000 Asian or Pacific Islanders.

When combined, those who were of one race (either Asian or Native Hawaiian/Pacific Islander), both Asian and Native Hawaiian/Pacific Islander, or one of these races and any other resulted in 1,000 residents in seven counties but fewer than 100 in 59 others according to the 2000 census. Again, those residing in Johnson, Polk, and Story constituted nearly half (47.5%) of these residents.

Blacks or African Americans

In 2000, 61,853 residents indicated that they were members of only the Black or African American racial category. That was a gain of nearly 13,800 (28.6%) from the 1990 figure of 48,090, while the total had been 41,700 in 1980. Another 10,659 Iowans reported that they were Black and also a member of one or more of the other racial categories. When these individuals were added to those selecting only the Black category, then the total for 2000 was 72,512 and the increase from 1990 exceeded 24,400 (50.8%).

No matter which set of figures is used, these numbers indicate substantial gains in the Black population in Iowa. Indeed, the increase across the 1990s was greater numerically than in any previous decade in Iowa. Statewide in 2000, from 2.1 to 2.5 percent of Iowans were Black; this is the first census in which members of this racial category constituted at least 2 of every 100 residents of Iowa. About 1.7 percent of all Iowans were Black as of 1990.

In 2000, 10 counties had at least 1,000 residents who indicated that the only racial category in which they should be included was Black; that was one more county than in 1990 and two more than in 1980. Nearly half (45.7%) of all Black residents in 2000 lived in Polk or Black Hawk and this percentage rose to more than two-thirds (69.4%) with the addition of Scott and Linn. Increases of at least 1,000 occurred from 1990 to 2000 in each of these four counties plus Johnson, led by the gain of more than 3,300 in Polk.

When those who indicated that they were Black or Black and one or more other races were examined, then this group accounted for at least 1,000 residents in 12 counties in 2000. Again, two-thirds (66.9%) were located in Black Hawk, Linn, Scott, and Polk that year.

Whites

The largest racial group at each census has been that containing Whites. In 2000, 2,748,640 Iowa residents indicated that the only racial group in which they should be counted was that for Whites. The gain was 65,550 (2.4%) from the 1990 figure of 2,683,090. The highest count recorded for Whites occurred in 1980 (2,839,225); thus, the increase of nearly 65,700 in the 1990s made up for only part of the loss of 156,100 that took place in the 1980s.

In 2000, 28,543 Iowans reported that they were White and also a member of one or more of the other racial categories. Adding these residents to those selecting only the White category yields a total of 2,777,183. The gain from 1990 was 3.5 percent or more than 94,400 residents.

In 84 counties, the percentage that White residents constituted of the total population was higher than the 93.9 percent reported for the state. Indeed, in 11 counties, 99.0 percent of the residents selected White as the only racial category; in another 43, from 98.0 to 98.9 percent were in this one racial group. Black Hawk, Buena Vista, Polk, Scott, and Woodbury each had fewer than 90.0 percent of their residents indicating only the White category, with the lowest percentage in Woodbury, where 7 of 8 (87.5%) inhabitants were in that group.

When those who indicated that they were White or White and one or more other races were examined, then 94.9 percent of Iowans were in this group. Eighty-five counties were above that level; only in Black Hawk, Buena Vista, Polk, and Woodbury did fewer than 90.0 percent indicate that they were included in this group of residents.

Note: The federal government considers race and Hispanic origin to be separate and distinct concepts. See other sections in this volume for information on residents of Hispanic origin and on majority/ minority residents of Iowa.

Trends of the African-American Population in Iowa's Counties: 1850-2000

Willis Goudy, Iowa State University

From the census in 1850, the first after Iowa became a state, to the most recent one in 2000, numbers have been reported for Black or African-American residents. In the first census, 333 residents were reported as "free colored" (Table 1). By 1860, this population exceeded 1,000 and in 1890, the number of Negroes, the title used in a census for the first time that year, was greater than 10,000. Another 9,000 were added from 1890 to 1920. The total declined to less than 17,000 in 1940, although the 20-year loss was more than overcome by the gain in the 1940s. The largest decennial gains occurred after the 1950 census. As of 1980, the first year in which the title was changed to Blacks, 41,700 were counted.

The greatest numerical increase among Blacks or African Americans, which was the title reported in the 2000 census, occurred in the 1990s (Figure 1). Complications arise when the 2000 data are explored, because this was the first census in which respondents could check more than one racial category. In 2000, 61,853 residents indicated that the only racial group in which they should be counted was that for African Americans. That represents a gain of nearly 13,800 from the 1990 figure of 48,090 or an increase of 28.6 percent. An additional 10,659 Iowans indicated that they were African Americans but also a member of one or more of the other racial categories. If these individuals are added to those selecting only the African-American category, then the total is 72,512; the gain from 1990 would be more than 24,400 or 50.8 percent.

No matter which set of numbers is used, the increase among African Americans in Iowa was dramatic in the 1990s. Indeed, the numerical change was substantially greater in that decade than ever before. From 2.1 percent to 2.5 percent of Iowa's residents were African American in 2000. That's the highest percentage ever recorded; still, fewer than 3 of every 100 Iowans were African American in the most recent census. That percentage first surpassed 1.0 in the 1970 census. In the earliest censuses, African Americans constituted less than one half of one percent of all Iowans.

The 1990 census was the first in which every county in Iowa reported at least one African-American resident. That continued in 2000. This population was disproportionately represented in a few counties, however. Black Hawk and Polk contained nearly half (45.7%) of all African Americans noting one race and the addition of those living in Scott pushed this to more than three-fifths (61.4%). When those indicating that they were African American and one or more other races are included with those who were African American (one race), then Polk and Scott accounted for 43.2 percent; including those in Black Hawk pushed the figure to 58.3 percent.

The percentage accounted for by the three counties with the highest numbers of African-American inhabitants peaked in 1970 at 69.7; that is, nearly 7 of every 10 African Americans lived in Black Hawk, Polk, and Scott counties that year. The least concentration of the top three occurred in 1880, when Lee, Polk, and Pottawattamie had 31.2 percent of all African-American residents in Iowa. Concentration ranged between forty and fifty percent from 1890 through 1930. Then the top three (Black Hawk, Lee, Polk) increased their share of the total African-American population to 56.2 percent in 1940 and 61.6 percent in 1950. It has remained in the sixties since, with Black Hawk, Polk, and Scott including the most African-American residents at each census from 1960 through 2000.

Ten of Iowa's 99 counties reported at least 1,000 African-American residents of one race in 2000; that year, 12 counties exceeded 1,000 when those who were African American and one or more other races were added to those indicating only the race of African American. In previous censuses, when only

one racial category could be selected, nine counties had at least 1,000 African Americans in 1990, eight in 1980, six in 1960 and 1970, and no more than four in any census from 1840 through 1950. Relatively great change occurred between 1990 and 2000 in counties with small numbers of African Americans. In 1990, 41 counties had fewer than 10 African Americans. According to the 2000 figures, only from 4 (one race plus more than one race) to 15 (one race) counties reported that fewer than 10 residents were African American.

Polk has had a greater number of African-American residents than any other county from the census in 1900 to the present. In 1900, about 16 percent of Iowa's African Americans lived in Polk. This increased steadily to a share of 42 percent in 1950. Since then, however, this measure of concentration has decreased so that Polk had 28 (one race or more than one race) to 29 (one race) percent of all African Americans living in Iowa in 2000.

Polk's increase from 1,194 in 1890, the first year in which it noted more than 1,000 African Americans, to at least 18,113 in 2000 is dramatic. Lee was the first to top the 1,000 threshold, however; that occurred in 1870 and Lee has had at least 1,000 African-American residents in every census that followed. But the change has been much smaller in Lee than in Polk. Since the 1870 census, numbers of African Americans in Lee have varied from a low of 1,033 in 1970 to a high of 1,679 in 1880.

Other variations are evident, of course. Scott is the only county that had an increase in the number of African-American residents in every census from 1850 to 2000. Polk had only one reversal, which occurred from 1920 to 1930; in Linn, the decrease from 1930 to 1940 was the only contrary trend. Story has increased each census since 1890; so did Black Hawk with the exception of the change between 1980 and 1990. Johnson also generally has had increases from one census to the next in the number of African Americans.

Perhaps the most intriguing changes in the African-American population are sudden increases followed by equally rapid declines. The period from 1870 to 1920 in Mahaska is a prime example; so is that from 1890 to 1940 in Monroe. The gain exceeded 1,000 from 1880 to 1890 in Mahaska, but the loss also was of that magnitude from 1900 to 1910. An increase of 1,800 occurred from 1900 to 1910 in Monroe, but the drop of 1,300 from 1920 to 1930 also was extreme. Similar though less dramatic reversals are evident in other counties in south central Iowa that had great increases in African-American residents that were followed by declines. These trends can be explained by occupational forces at work—especially coal mining—in these and other counties.

Other than Mahaska and Monroe, gains of at least 1,000 occurred only in the more urban counties of Lee (1860 to 1870), Black Hawk (each census from 1940 through 1980 plus 1990 to 2000), Johnson (1990 to 2000), Linn (1990 to 2000), Polk (1900 to 1910, 1910 to 1920, and each census from 1940 through 2000), and Scott (each census from 1960 through 2000). These urban counties sustained increases in their African-American populations through succeeding decades, unlike the more rural counties of Mahaska and Monroe.

Examples of changes on a smaller scale are evident throughout Table 1. In Louisa, from 59 to 94 African-American residents were counted from 1860 to 1880. Those numbers fell through the following decades so that in 1960, no African American was present. One was noted in 1970 and seven in 1980; in 1990, however, 86 African-American residents lived in Louisa, a number similar to those of more than a century earlier. Although the number declined from 1990 to 2000, again occupational trends—in this case, meat processing—in that county explain much of the recent change. Other factors are influential in a few instances; in Jones County, for example, the increase from 1980 to 1990 was exceptionally high. The total African-American population of that county was 299 in 1990; further analysis of the data revealed that 291 were males. That's a reflection of a penal facility located there; the increase in the 1980s, which continued in the 1990s, represents other social factors at work. Thus, caution is urged in reviewing county trends in the number of African Americans. Many variables affect these counts.

Note: In 1840, when residents of the Iowa Territory were counted, 172 Iowans were identified as "free colored." Another category of other than white residents was used that year; 16 residents of the 1840 territory were labeled "slaves," all of whom were residing in the Dubuque area.

Table 1. African Americans in Iowa's Counties, 1850-2000.

County	2000			1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
	African American (one race)	African American and one or more other races	Total															
Adair	6	5	11	1	1	4	0	1	5	32	11	21	13	22	8	1	0	*
Adams	3	2	5	3	1	1	2	2	8	16	9	13	28	45	89	24	0	*
Allamakee	21	14	35	5	8	6	3	13	13	17	7	19	16	12	38	8	6	0
Appanoose	58	16	74	79	103	156	124	210	280	341	426	486	368	145	74	35	13	7
Audubon	10	8	18	1	0	1	2	0	0	0	0	5	3	0	3	1	0	*
Benton	51	43	94	20	6	4	12	14	7	6	10	9	22	23	20	24	1	0
Black Hawk	10179	810	10989	8514	8595	6644	4850	2623	1528	1234	856	29	22	12	37	18	18	0
Boone	95	30	125	62	50	34	29	16	39	49	142	105	235	93	251	11	0	0
Bremer	112	42	154	70	46	64	21	1	0	3	5	6	6	7	6	17	5	*
Buchanan	57	21	78	38	25	14	30	26	24	20	21	18	26	20	29	9	2	0
Buena Vista	72	58	130	56	9	8	3	3	1	0	17	0	3	16	1	0	0	*
Butler	13	16	29	4	4	0	0	8	1	0	1	1	1	1	31	0	1	*
Calhoun	77	18	95	30	21	16	11	17	17	21	33	11	3	0	2	0	0	*
Carroll	38	20	58	7	3	1	3	7	7	17	31	31	32	29	10	0	0	*
Cass	31	24	55	9	10	5	14	22	7	32	31	22	9	12	21	5	0	*
Cedar	34	22	56	16	12	3	1	4	1	2	9	21	47	37	53	42	12	2
Cerro Gordo	373	164	537	303	238	241	213	296	341	322	361	148	58	9	23	4	0	*
Cherokee	41	12	53	20	7	3	13	3	10	15	24	5	17	5	2	6	0	*
Chickasaw	7	12	19	4	2	4	2	1	0	0	0	0	3	0	0	3	5	*
Clarke	10	7	17	3	4	1	4	12	27	37	34	43	69	61	58	26	0	0
Clay	30	14	44	8	4	3	0	9	6	3	16	0	2	0	2	0	0	*
Clayton	26	18	44	6	8	6	0	1	6	6	9	26	3	11	1	26	25	2
Clinton	946	215	1161	732	551	378	334	228	172	233	338	436	182	209	187	129	13	20
Crawford	129	26	155	59	9	18	5	11	15	11	22	25	15	15	23	1	0	*
Dallas	300	98	398	63	56	59	112	142	249	409	207	131	23	37	53	25	0	0
Davis	15	9	24	2	16	9	8	19	22	28	27	43	59	60	60	30	2	7
Decatur	85	16	101	35	27	13	1	2	1	3	6	34	58	56	129	41	7	1
Delaware	13	9	22	11	3	6	1	7	19	1	3	2	1	2	2	21	1	0
Des Moines	1511	259	1770	1327	1021	798	489	390	265	386	337	429	428	381	425	227	28	25
Dickinson	29	28	57	16	4	0	2	2	2	2	4	5	4	1	1	0	0	*
Dubuque	767	240	1007	354	237	112	83	92	65	89	75	96	118	133	156	167	81	28
Emmet	26	19	45	19	13	14	1	6	0	8	42	19	7	4	3	3	0	*
Fayette	116	40	156	48	44	75	39	29	71	104	106	107	89	75	122	70	54	0

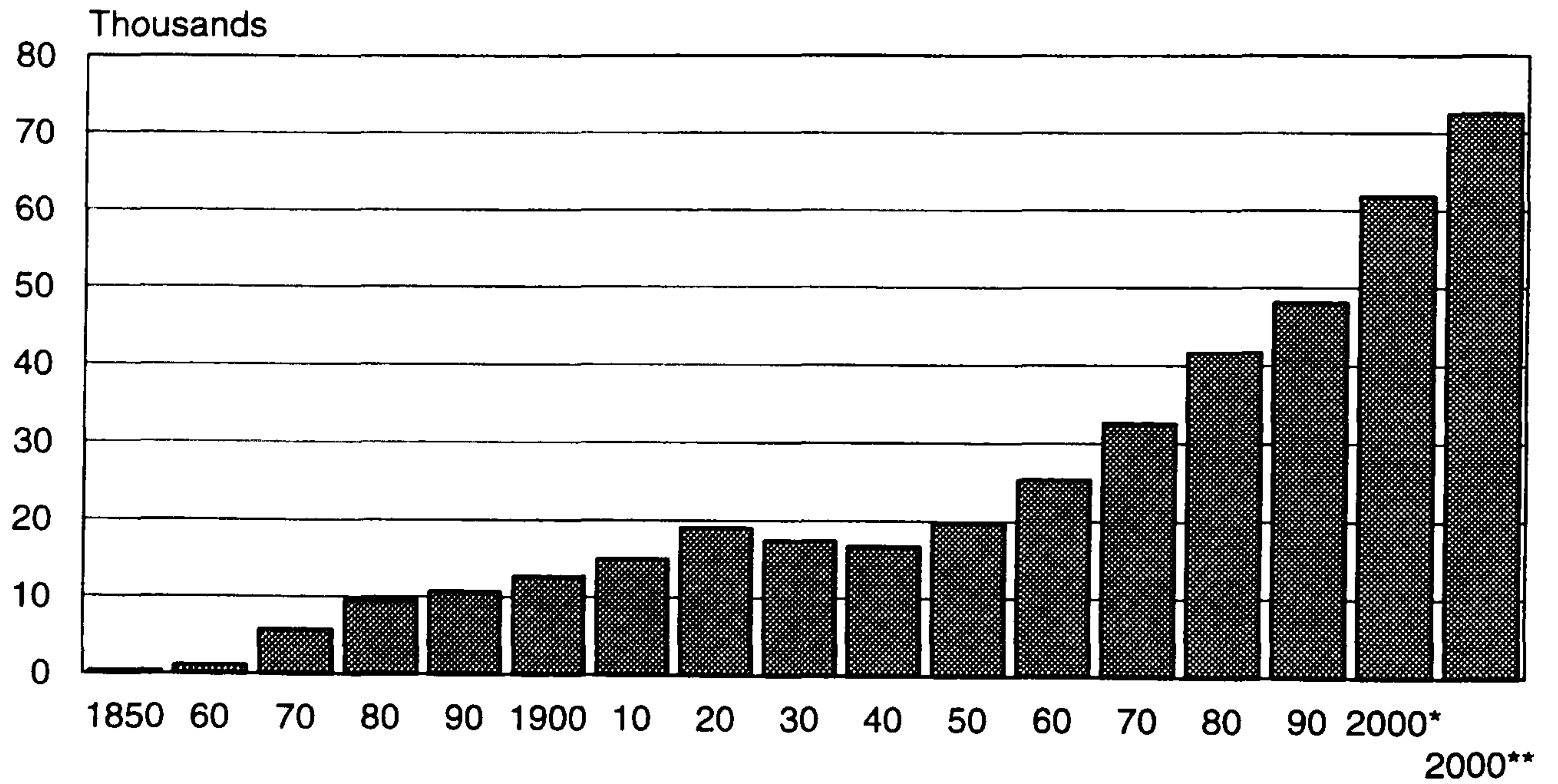
*County not officially organized as of this census.

Table 1. African Americans in Iowa's Counties, 1850-2000 (continued).

County	2000			1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
	African American (one race)	African American and one or more other races	Total															
Floyd	39	21	60	8	4	4	1	10	4	9	30	17	15	4	5	3	0	*
Franklin	9	8	17	6	7	9	3	4	13	11	13	10	5	0	12	5	0	*
Fremont	3	3	6	4	5	2	3	3	5	17	11	39	64	43	59	29	5	0
Greene	15	11	26	5	4	6	4	5	5	5	16	1	11	11	16	3	0	*
Grundy	10	8	18	7	1	4	2	2	1	1	1	11	3	15	0	0	0	*
Guthrie	14	11	25	7	3	4	6	2	1	1	1	2	7	29	2	5	0	*
Hamilton	38	22	60	9	10	5	15	4	0	12	4	37	40	19	1	3	0	*
Hancock	11	7	18	1	6	2	1	5	5	9	9	11	8	2	0	5	0	*
Hardin	116	16	132	117	60	60	18	24	56	120	72	46	55	80	111	23	0	*
Harrison	13	27	40	10	8	6	9	7	4	27	23	15	39	26	13	1	1	*
Henry	302	64	366	211	125	91	100	148	126	135	212	264	367	411	509	465	24	12
Howard	11	11	22	5	3	2	0	0	0	1	4	12	15	10	19	12	1	*
Humboldt	11	6	17	9	11	2	0	3	0	1	5	4	2	4	2	0	0	*
Ida	8	7	15	1	1	4	0	1	0	0	14	2	3	1	0	0	0	*
Iowa	27	9	36	7	4	3	3	8	3	3	18	5	2	2	15	11	0	1
Jackson	20	30	50	16	4	6	4	3	0	1	5	0	1	13	9	25	11	9
Jasper	309	58	367	65	40	55	40	50	54	99	144	182	190	104	121	69	1	0
Jefferson	104	24	128	93	74	122	50	30	59	63	86	79	71	57	72	53	8	1
Johnson	3223	593	3816	1979	1194	552	317	201	89	112	68	65	62	58	105	98	38	22
Jones	361	54	415	299	102	77	63	51	58	61	67	83	58	34	35	32	7	1
Keokuk	8	4	12	6	3	3	3	3	2	19	17	17	33	24	15	3	0	0
Kossuth	19	16	35	8	6	5	9	11	6	5	8	6	3	12	1	0	0	*
Lee	1066	227	1293	1112	1121	1033	1039	1179	1211	1353	1417	1471	1632	1666	1679	1563	245	52
Linn	4919	1331	6250	3334	2740	1807	1183	780	677	765	704	258	258	234	207	48	11	3
Louisa	31	17	48	86	7	1	0	2	1	19	8	17	8	25	65	59	94	16
Lucas	12	2	14	4	2	2	10	17	16	45	46	83	194	319	40	31	2	0
Lyon	11	9	20	2	2	1	1	2	1	1	15	4	0	0	0	0	*	*
Madison	12	10	22	5	5	3	2	2	2	0	8	5	4	11	10	3	0	0
Mahaska	142	35	177	42	116	73	52	92	166	211	352	677	1737	1592	524	150	16	1
Marion	134	46	180	104	103	141	88	123	123	146	122	93	44	38	44	36	33	29
Marshall	365	138	503	279	266	257	253	245	333	351	264	148	167	136	97	37	0	0
Mills	41	11	52	22	16	11	15	13	23	56	57	47	44	21	24	5	16	*
Mitchell	19	2	21	2	0	6	0	0	3	2	7	5	15	8	5	1	0	*

Table 1. African Americans in Iowa's Counties, 1850-2000 (continued).

County	2000			1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
	African American (one race)	African American and one or more other races	Total															
Monona	8	10	18	5	0	0	1	2	3	38	8	0	6	23	88	42	1	*
Monroe	16	17	33	19	25	23	53	121	202	355	1652	2371	553	202	258	49	2	0
Montgomery	9	7	16	5	8	8	16	17	44	58	54	48	51	38	113	13	0	*
Muscatine	294	74	368	208	187	132	144	88	81	66	107	137	146	177	179	163	112	69
O'Brien	52	14	66	8	3	1	3	0	1	4	18	2	0	1	13	6	0	*
Osceola	8	5	13	3	10	1	0	3	1	0	7	6	1	0	0	*	*	*
Page	282	24	306	84	37	42	48	106	199	225	250	262	232	234	247	153	1	0
Palo Alto	9	7	16	8	6	5	2	2	0	0	0	4	0	8	0	0	0	*
Plymouth	72	45	117	48	46	29	2	4	0	0	0	10	1	9	5	0	0	*
Pocahontas	21	13	34	4	1	1	1	52	0	0	2	3	0	0	0	0	0	*
Polk	18113	2178	20291	14799	13700	11916	10535	8323	6637	5713	5837	3591	2041	1194	672	303	13	0
Pottawattamie	671	250	921	464	443	600	593	638	545	684	612	353	271	327	614	163	9	0
Poweshiek	103	44	147	87	66	71	26	34	26	26	52	55	51	66	62	79	7	0
Ringgold	6	3	9	1	0	3	0	2	0	0	0	1	3	0	15	5	1	*
Sac	30	18	48	4	3	3	1	8	2	13	23	30	6	0	0	1	0	*
Scott	9689	1316	11005	7970	6620	4160	1866	1150	884	865	745	572	496	274	266	246	39	14
Shelby	13	11	24	5	6	6	1	1	0	4	7	7	10	1	13	6	1	*
Sioux	64	33	97	25	35	23	9	3	2	8	14	2	1	0	1	0	0	*
Story	1463	238	1701	1191	789	303	127	88	66	55	51	8	3	0	9	2	0	*
Tama	46	35	81	31	13	41	46	18	17	13	25	33	23	45	32	45	0	0
Taylor	2	0	2	1	1	6	7	7	12	19	34	61	74	96	130	101	0	0
Union	28	12	40	10	16	17	9	12	22	59	59	70	102	68	90	13	0	*
Van Buren	5	10	15	10	6	3	6	8	13	44	49	60	102	130	123	211	4	5
Wapello	337	72	409	270	277	339	468	484	485	447	571	624	793	658	460	193	47	5
Warren	108	66	174	90	118	30	6	7	6	25	11	47	68	54	63	81	14	0
Washington	60	39	99	90	29	15	16	18	42	52	108	104	69	75	95	53	13	0
Wayne	4	9	13	1	0	1	0	7	1	5	6	9	10	20	22	1	11	1
Webster	1364	192	1556	883	797	636	350	301	204	320	399	84	115	43	8	9	4	*
Winnebago	21	20	41	31	26	18	3	4	2	1	12	2	2	0	1	1	0	*
Winneshiek	108	24	132	43	93	64	4	5	15	10	3	18	19	10	13	25	0	0
Woodbury	2097	666	2763	1877	1126	1013	1257	875	875	1078	1147	317	292	366	178	44	3	*
Worth	22	9	31	15	22	25	43	51	51	85	89	16	13	22	9	0	0	*
Wright	24	25	49	10	0	1	5	6	0	0	5	4	12	2	0	2	0	*
State of Iowa	61853	10659	72512	48090	41700	32596	25354	19692	16694	17380	19005	14973	12693	10685	9516	5762	1069	333

Figure 1. African-American Residents of Iowa, 1850–2000.

* African American only

** African American only or African American and one or more other races

Residents of Hispanic Origin in Iowa's Counties: 1980, 1990, and 2000

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 Willis Goudy, Iowa State University
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Initial results from the 2000 census indicated that 82,473 people living in Iowa were of Hispanic origin (Table 1). That figure was an increase of 49,826 or 152.6 percent from the 1990 count of 32,647. The increase between 1980 and 1990 had been substantially smaller (7,111, +27.8%). The question in the 2000 census asked whether a person was Spanish/Hispanic/Latino. This information was obtained for each individual in a household. Relatively similar questions were asked in the 1980 and 1990 censuses.

Twenty-one of Iowa's 99 counties recorded fewer than 100 Hispanic residents in 2000, although 16 others exceeded 1,000 and another 11 had at least 500. Polk's Hispanics numbered 16,490, which was 7,000 more than the second highest total (Woodbury, 9,468). Scott (6,445) also had more than 5,000 Hispanics according to the 2000 census.

All but one county (Ringgold, -3) had more Hispanics in 2000 than in 1990. Although gains were less than 200 in 66 counties, there were increases of at least 1,000 in 13. Polk gained more than 10,000 Hispanic residents, one-fifth of the state's entire increase. Woodbury's gain (+6,756) was second highest with Buena Vista, Dallas, Marshall, Muscatine, and Scott each recording at least 2,000 more Hispanics at the later time period. Changes generally were more modest between 1980 and 1990. Declines occurred in 37 counties, although a decrease exceeded 50 only in Lee. Of the 62 counties with gains among Hispanics from 1980 to 1990, only Polk and Woodbury increased by at least 1,000 while 53 had fewer than 100 more at the end than at the beginning of that decade.

As large as the numerical increases between 1990 and 2000 were in some counties, percentage gains in many were even more dramatic. Two-thirds (65) of Iowa's counties saw their Hispanic populations more than double (+100%) during the 1990s, with 29 of these at least tripling. Increases greater than 1000 percent occurred in Allamakee, Buena Vista, Clarke, Crawford, Dallas, Marshall, and Sioux between 1990 and 2000. Only four counties (Buena Vista, Ida, Louisa, Woodbury) at least doubled their numbers of Hispanics from 1980 to 1990.

Because Hispanics gained in Iowa at a more rapid pace than did other groups in the 1990s, their proportion of the population increased from 1.2 percent in 1990 to 2.8 percent in 2000. Percentages were higher than the state figure in 17 counties. They exceeded 5 percent in Buena Vista (12.5%), Crawford (8.7%), Dallas (5.4%), Franklin (6.0%), Louisa (12.6%), Marshall (9.0%), Muscatine (11.9%), and Woodbury (9.1%) in 2000. In the two previous censuses, only Muscatine had at least 5 percent of its population accounted for by residents of Hispanic origin.

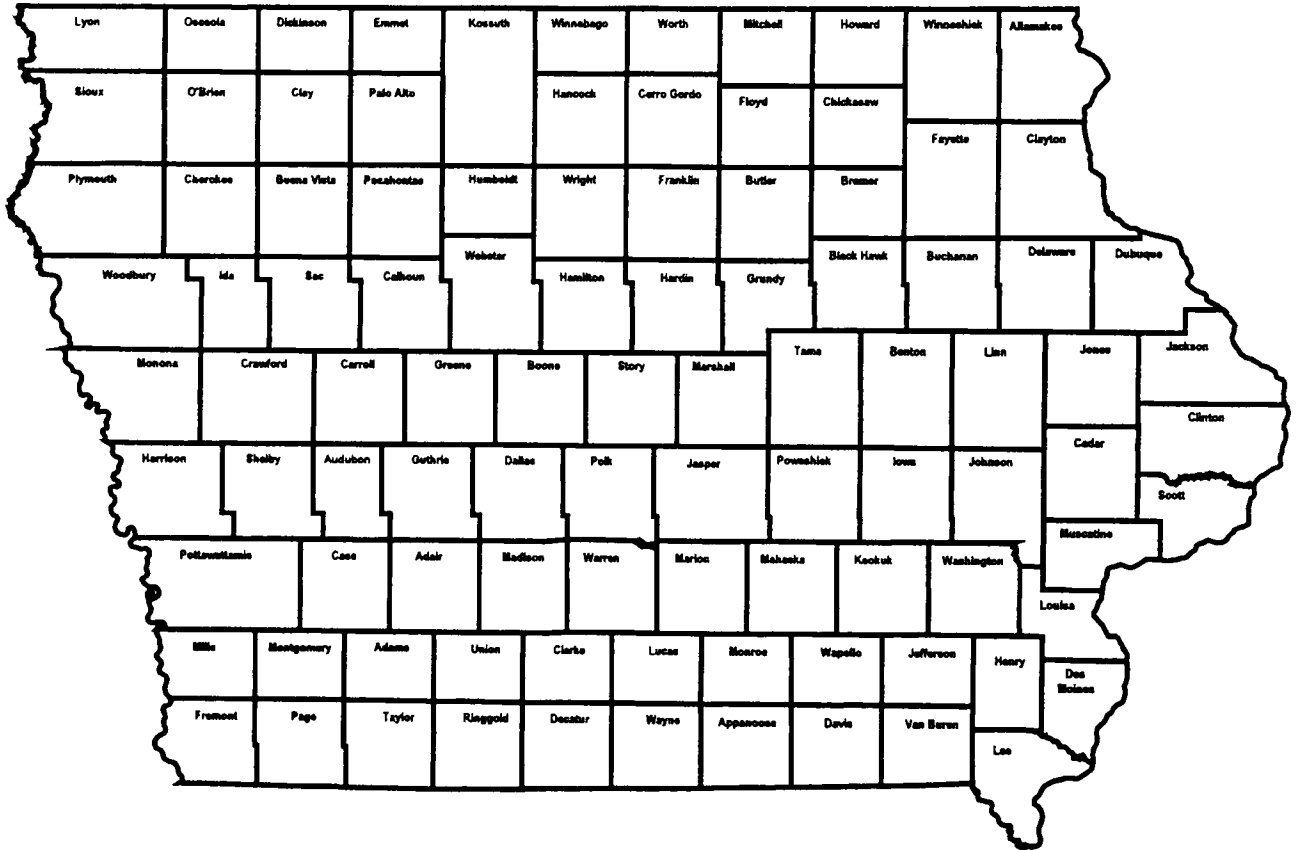
Note: The federal government considers race and Hispanic origin to be separate and distinct concepts. See other sections in this volume for information on residents by race and on majority/ minority residents of Iowa.

Table 1. Residents of Hispanic Origin in Iowa's Counties, 1980, 1990, and 2000.

County				Numeric Change		Percentage Change		% of Total Population		
	2000	1990	1980	1990-2000	1980-1990	1990-2000	1980-1990	2000	1990	1980
Adair	58	35	25	23	10	65.7	40.0	0.7	0.4	0.3
Adams	26	18	15	8	3	44.4	20.0	0.6	0.4	0.3
Allamakee	520	42	34	478	8	1138.1	23.5	3.5	0.3	0.2
Appanoose	135	72	96	63	-24	87.5	-25.0	1.0	0.5	0.6
Audubon	33	22	24	11	-2	50.0	-8.3	0.5	0.3	0.3
Benton	156	93	81	63	12	67.7	14.8	0.6	0.4	0.3
Black Hawk	2359	912	946	1447	-34	158.7	-3.6	1.8	0.7	0.7
Boone	218	99	90	119	9	120.2	10.0	0.8	0.4	0.3
Bremer	130	72	82	58	-10	80.6	-12.2	0.6	0.3	0.3
Buchanan	131	112	88	19	24	17.0	27.3	0.6	0.5	0.4
Buena Vista	2560	160	69	2400	91	1500.0	131.9	12.5	0.8	0.3
Butler	89	37	41	52	-4	140.5	-9.8	0.6	0.2	0.2
Calhoun	100	40	50	60	-10	150.0	-20.0	0.9	0.3	0.4
Carroll	115	57	102	58	-45	101.8	-44.1	0.5	0.3	0.4
Cass	101	46	39	55	7	119.6	17.9	0.7	0.3	0.2
Cedar	171	109	103	62	6	56.9	5.8	0.9	0.6	0.6
Cerro Gordo	1291	994	942	297	52	29.9	5.5	2.8	2.1	1.9
Cherokee	124	51	38	73	13	143.1	34.2	1.0	0.4	0.2
Chickasaw	82	40	27	42	13	105.0	48.1	0.6	0.3	0.2
Clarke	369	19	24	350	-5	1842.1	-20.8	4.0	0.2	0.3
Clay	196	44	46	152	-2	345.5	-4.3	1.1	0.3	0.2
Clayton	142	61	71	81	-10	132.8	-14.1	0.8	0.3	0.3
Clinton	627	294	297	333	-3	113.3	-1.0	1.3	0.6	0.5
Crawford	1482	98	110	1384	-12	1412.2	-10.9	8.7	0.6	0.6
Dallas	2199	176	192	2023	-16	1149.4	-8.3	5.4	0.6	0.7
Davis	61	41	27	20	14	48.8	51.9	0.7	0.5	0.3
Decatur	148	45	79	103	-34	228.9	-43.0	1.7	0.5	0.8
Delaware	121	68	58	53	10	77.9	17.2	0.7	0.4	0.3
Des Moines	740	492	465	248	27	50.4	5.8	1.7	1.2	1.0
Dickinson	109	52	42	57	10	109.6	23.8	0.7	0.3	0.3
Dubuque	1065	437	458	628	-21	143.7	-4.6	1.2	0.5	0.5
Emmet	475	63	43	412	20	654.0	46.5	4.3	0.5	0.3
Fayette	330	195	212	135	-17	69.2	-8.0	1.5	0.9	0.8
Floyd	222	92	97	130	-5	141.3	-5.2	1.3	0.5	0.5
Franklin	642	152	118	490	34	322.4	28.8	6.0	1.3	0.9
Fremont	174	53	51	121	2	228.3	3.9	2.2	0.6	0.5
Greene	172	30	24	142	6	473.3	25.0	1.7	0.3	0.2
Grundy	72	34	35	38	-1	111.8	-2.9	0.6	0.3	0.2
Guthrie	120	35	20	85	15	242.9	75.0	1.1	0.3	0.2
Hamilton	234	116	95	118	21	101.7	22.1	1.4	0.7	0.5
Hancock	301	129	94	172	35	133.3	37.2	2.5	1.0	0.7
Hardin	455	106	84	349	22	329.2	26.2	2.4	0.6	0.4
Harrison	113	50	26	63	24	126.0	92.3	0.7	0.3	0.2
Henry	256	127	100	129	27	101.6	27.0	1.3	0.7	0.5
Howard	55	24	14	31	10	129.2	71.4	0.6	0.2	0.1
Humboldt	100	37	53	63	-16	170.3	-30.2	1.0	0.3	0.4
Ida	37	23	6	14	17	60.9	283.3	0.5	0.3	0.1
Iowa	152	39	42	113	-3	289.7	-7.1	1.0	0.3	0.3
Jackson	121	96	76	25	20	26.0	26.3	0.6	0.5	0.3
Jasper	375	194	149	181	45	93.3	30.2	1.0	0.6	0.4

Table 1. Residents of Hispanic Origin in Iowa's Counties, 1980, 1990, and 2000 (continued).

County				Numeric Change		Percentage Change		% of Total Population		
	2000	1990	1980	1990-2000	1980-1990	1990-2000	1980-1990	2000	1990	1980
Jefferson	297	141	100	156	41	110.6	41.0	1.8	0.9	0.6
Johnson	2781	1435	829	1346	606	93.8	73.1	2.5	1.5	1.0
Jones	213	95	76	118	19	124.2	25.0	1.1	0.5	0.4
Keokuk	61	19	32	42	-13	221.1	-40.6	0.5	0.2	0.2
Kossuth	139	94	98	45	-4	47.9	-4.1	0.8	0.5	0.4
Lee	902	732	818	170	-86	23.2	-10.5	2.4	1.9	1.9
Linn	2722	1591	1282	1131	309	71.1	24.1	1.4	0.9	0.8
Louisa	1537	425	145	1112	280	261.6	193.1	12.6	3.7	1.2
Lucas	82	53	35	29	18	54.7	51.4	0.9	0.6	0.3
Lyon	42	11	20	31	-9	281.8	-45.0	0.4	0.1	0.2
Madison	105	67	39	38	28	56.7	71.8	0.7	0.5	0.3
Mahaska	190	92	96	98	-4	106.5	-4.2	0.9	0.4	0.4
Marion	257	162	164	95	-2	58.6	-1.2	0.8	0.5	0.6
Marshall	3523	292	274	3231	18	1106.5	6.6	9.0	0.8	0.7
Mills	179	72	54	107	18	148.6	33.3	1.2	0.5	0.4
Mitchell	63	45	38	18	7	40.0	18.4	0.6	0.4	0.3
Monona	70	30	42	40	-12	133.3	-28.6	0.7	0.3	0.4
Monroe	40	18	35	22	-17	122.2	-48.6	0.5	0.2	0.4
Montgomery	153	52	31	101	21	194.2	67.7	1.3	0.4	0.2
Muscatine	4973	2900	2091	2073	809	71.5	38.7	11.9	7.3	5.2
O'Brien	267	39	42	228	-3	584.6	-7.1	1.8	0.3	0.2
Osceola	125	16	22	109	-6	681.3	-27.3	1.8	0.2	0.3
Page	265	197	139	68	58	34.5	41.7	1.6	1.2	0.7
Palo Alto	77	24	45	53	-21	220.8	-46.7	0.8	0.2	0.4
Plymouth	328	58	78	270	-20	465.5	-25.6	1.3	0.2	0.3
Pocahontas	77	32	42	45	-10	140.6	-23.8	0.9	0.3	0.4
Polk	16490	6161	4579	10329	1582	167.7	34.5	4.4	1.9	1.5
Pottawattamie	2892	1516	1207	1376	309	90.8	25.6	3.3	1.8	1.4
Poweshiek	226	68	73	158	-5	232.4	-6.8	1.2	0.4	0.4
Ringgold	13	16	25	-3	-9	-18.8	-36.0	0.2	0.3	0.4
Sac	111	44	35	67	9	152.3	25.7	1.0	0.4	0.2
Scott	6445	4253	3553	2192	700	51.5	19.7	4.1	2.8	2.2
Shelby	88	44	50	44	-6	100.0	-12.0	0.7	0.3	0.3
Sioux	808	66	85	742	-19	1124.2	-22.4	2.6	0.2	0.3
Story	1238	840	617	398	223	47.4	36.1	1.5	1.1	0.9
Tama	679	128	78	551	50	430.5	64.1	3.8	0.7	0.4
Taylor	265	46	27	219	19	476.1	70.4	3.8	0.6	0.3
Union	125	42	38	83	4	197.6	10.5	1.0	0.3	0.3
Van Buren	60	29	22	31	7	106.9	31.8	0.8	0.4	0.3
Wapello	799	224	165	575	59	256.7	35.8	2.2	0.6	0.4
Warren	441	277	181	164	96	59.2	53.0	1.1	0.8	0.5
Washington	564	196	106	368	90	187.8	84.9	2.7	1.0	0.5
Wayne	48	29	17	19	12	65.5	70.6	0.7	0.4	0.2
Webster	944	490	475	454	15	92.7	3.2	2.3	1.2	1.0
Winnebago	237	97	78	140	19	144.3	24.4	2.0	0.8	0.6
Winneshiek	170	61	59	109	2	178.7	3.4	0.8	0.3	0.3
Woodbury	9468	2712	1145	6756	1567	249.1	136.9	9.1	2.8	1.1
Worth	124	91	67	33	24	36.3	35.8	1.6	1.1	0.7
Wright	706	92	87	614	5	667.4	5.7	4.9	0.6	0.5
State of Iowa	82473	32647	25536	49826	7111	152.6	27.8	2.8	1.2	0.9



Majority and Minority Residents in Iowa's Counties: 1990 and 2000

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The federal government considers race and Hispanic origin to be separate and distinct concepts. Thus, questions on both were included in the 2000 census for every individual. The item on Hispanic origin in 2000 was similar to the one asked in 1990. The question on race in the 2000 census allowed those completing the forms to check more than one racial category; this was the first census in which that was possible.

Numbers were released by the U.S. Bureau of the Census in March of 2001 on Hispanics/Latinos and six race categories (American Indian and Alaska Native, Asian, Black or African American, Native Hawaiian and Other Pacific Islander, White, and Some Other Race). This allows comparing those who indicated that they were White but not of Hispanic origin and other members of the population. Generally, those who are White but not Hispanic are referred to as the majority, because they have constituted the largest number of Iowa residents in census counts. Those of Hispanic origin plus members of race categories other than White have been smaller in number and thus usually are noted as the minority population.

In the 2000 census, 2,710,344 Iowans selected White as the only racial category and indicated they were not Hispanic; thus, 92.6 percent of the state's residents were in the majority group (Table 1). Iowans who selected any other race group alone or in combination or who indicated they were Hispanic numbered 215,980 in 2000, which means that 7.4 percent of Iowa's residents were members of the minority population.

While the majority population increased by 46,500, the minority group gained nearly 103,100 from 1990 to 2000. In percentage terms, majority inhabitants increased by 1.7 percent and minority residents by 91.3 percent. That high percentage gain was due in part to the relatively small minority population noted in 1990. While about 4 of every 100 Iowans were in the minority category in 1990, this increased to more than 7 of 100 in 2000. This change reflects the greater numerical gain among minority than majority residents during the 1990s.

At least 95 percent of the total population in 74 of Iowa's 99 counties consisted of majority residents (Figure 1). Indeed, more than a third (36) of the counties had majority percentages of at least 98.0. In 11 counties, percentages of the total population attributed to minority inhabitants were 10.0 or greater. In only Buena Vista (17.9%) and Woodbury (16.4%) were more than 15.0 percent of all residents in the minority category.

Although 58 counties reported declines in the number of majority residents from 1990 to 2000, all had gains in the minority category. These increases among the minority group ranged from less than 100 in 16 counties to more than 1,000 in 17 others (Figure 2). When the majority category was examined, declines greater than 1,000 occurred in 13 while gains of at least 1,000 took place in 14 others. In 13 counties reporting higher total populations in 2000 than in 1990, that increase happened only because growth among minority residents was greater than the decline of those in the majority group. In the other 41 counties with 2000 total populations exceeding those in 1990, both majority and minority residents increased.

Table 1. Majority and Minority* Residents in Iowa's Counties, 1990 and 2000.

County	2000					1990				
	Total Population	Majority		Minority		Total Population	Majority		Minority	
		Number	Percent	Number	Percent		Number	Percent	Number	Percent
Adair	8243	8115	98.4	128	1.6	8409	8356	99.4	53	0.6
Adams	4482	4414	98.5	68	1.5	4866	4836	99.4	30	0.6
Allamakee	14675	13983	95.3	692	4.7	13855	13765	99.4	90	0.6
Appanoose	13721	13382	97.5	339	2.5	13743	13525	98.4	218	1.6
Audubon	6830	6743	98.7	87	1.3	7334	7303	99.6	31	0.4
Benton	25308	24894	98.4	414	1.6	22429	22252	99.2	177	0.8
Black Hawk	128012	112223	87.7	15789	12.3	123798	113101	91.4	10697	8.6
Boone	26224	25729	98.1	495	1.9	25186	24927	99.0	259	1.0
Bremer	23325	22836	97.9	489	2.1	22813	22532	98.8	281	1.2
Buchanan	21093	20667	98.0	426	2.0	20844	20624	98.9	220	1.1
Buena Vista	20411	16758	82.1	3653	17.9	19965	19363	97.0	602	3.0
Butler	15305	15086	98.6	219	1.4	15731	15651	99.5	80	0.5
Calhoun	11115	10849	97.6	266	2.4	11508	11404	99.1	104	0.9
Carroll	21421	21119	98.6	302	1.4	21423	21289	99.4	134	0.6
Cass	14684	14457	98.5	227	1.5	15128	15041	99.4	87	0.6
Cedar	18187	17804	97.9	383	2.1	17381	17194	98.9	187	1.1
Cerro Gordo	46447	43977	94.7	2470	5.3	46733	45155	96.6	1578	3.4
Cherokee	13035	12749	97.8	286	2.2	14098	13965	99.1	133	0.9
Chickasaw	13095	12902	98.5	193	1.5	13295	13227	99.5	68	0.5
Clarke	9133	8648	94.7	485	5.3	8287	8236	99.4	51	0.6
Clay	17372	16902	97.3	470	2.7	17585	17421	99.1	164	0.9
Clayton	18678	18386	98.4	292	1.6	19054	18943	99.4	111	0.6
Clinton	50149	47722	95.2	2427	4.8	51040	49691	97.4	1349	2.6
Crawford	16942	15149	89.4	1793	10.6	16775	16499	98.4	276	1.6
Dallas	40750	37658	92.4	3092	7.6	29755	29406	98.8	349	1.2
Davis	8541	8371	98.0	170	2.0	8312	8224	98.9	88	1.1
Decatur	8689	8296	95.5	393	4.5	8338	8169	98.0	169	2.0
Delaware	18404	18179	98.8	225	1.2	18035	17905	99.3	130	0.7
Des Moines	42351	39308	92.8	3043	7.2	42614	40506	95.1	2108	4.9
Dickinson	16424	16164	98.4	260	1.6	14909	14791	99.2	118	0.8
Dubuque	89143	86020	96.5	3123	3.5	86403	85077	98.5	1326	1.5
Emmet	11027	10424	94.5	603	5.5	11569	11444	98.9	125	1.1
Fayette	22008	21327	96.9	681	3.1	21843	21538	98.6	305	1.4
Floyd	16900	16466	97.4	434	2.6	17058	16906	99.1	152	0.9
Franklin	10704	10000	93.4	704	6.6	11364	11184	98.4	180	1.6
Fremont	8010	7758	96.9	252	3.1	8226	8144	99.0	82	1.0
Greene	10366	10094	97.4	272	2.6	10045	9971	99.3	74	0.7
Grundy	12369	12197	98.6	172	1.4	12029	11960	99.4	69	0.6
Guthrie	11353	11129	98.0	224	2.0	10935	10862	99.3	73	0.7
Hamilton	16438	15792	96.1	646	3.9	16071	15843	98.6	228	1.4
Hancock	12100	11696	96.7	404	3.3	12638	12468	98.7	170	1.3
Hardin	18812	18081	96.1	731	3.9	19094	18795	98.4	299	1.6
Harrison	15666	15384	98.2	282	1.8	14730	14603	99.1	127	0.9
Henry	20336	19154	94.2	1182	5.8	19226	18630	96.9	596	3.1
Howard	9932	9797	98.6	135	1.4	9809	9751	99.4	58	0.6
Humboldt	10381	10188	98.1	193	1.9	10756	10670	99.2	86	0.8
Ida	7837	7737	98.7	100	1.3	8365	8316	99.4	49	0.6
Iowa	15671	15390	98.2	281	1.8	14630	14539	99.4	91	0.6
Jackson	20296	20000	98.5	296	1.5	19950	19790	99.2	160	0.8
Jasper	37213	36072	96.9	1141	3.1	34795	34302	98.6	493	1.4

*Majority (White Race and Not Hispanic Ethnicity) and Minority (Hispanic Ethnicity or Not White Race). In 2000, the minority population includes all who indicated a race other than white, more than one race, and Hispanics/Latinos.

Table 1. Majority and Minority* Residents in Iowa's Counties, 1990 and 2000 (continued).

County	2000					1990				
	Total Population	Majority		Minority		Total Population	Majority		Minority	
		Number	Percent	Number	Percent		Number	Percent	Number	Percent
Jefferson	16181	15329	94.7	852	5.3	16310	15915	97.6	395	2.4
Johnson	111006	98619	88.8	12387	11.2	96119	88705	92.3	7414	7.7
Jones	20221	19414	96.0	807	4.0	19444	18998	97.7	446	2.3
Keokuk	11400	11260	98.8	140	1.2	11624	11549	99.4	75	0.6
Kossuth	17163	16867	98.3	296	1.7	18591	18432	99.1	159	0.9
Lee	38052	35401	93.0	2651	7.0	38687	36656	94.8	2031	5.2
Linn	191701	178449	93.1	13252	6.9	168767	162087	96.0	6680	4.0
Louisa	12183	10529	86.4	1654	13.6	11592	11035	95.2	557	4.8
Lucas	9422	9238	98.0	184	2.0	9070	8970	98.9	100	1.1
Lyon	11763	11637	98.9	126	1.1	11952	11890	99.5	62	0.5
Madison	14019	13763	98.2	256	1.8	12483	12367	99.1	116	0.9
Mahaska	22335	21609	96.7	726	3.3	21522	21191	98.5	331	1.5
Marion	32052	31074	96.9	978	3.1	30001	29413	98.0	588	2.0
Marshall	39311	34640	88.1	4671	11.9	38276	37308	97.5	968	2.5
Mills	14547	14134	97.2	413	2.8	13202	13062	98.9	140	1.1
Mitchell	10874	10752	98.9	122	1.1	10928	10859	99.4	69	0.6
Monona	10020	9811	97.9	209	2.1	10034	9960	99.3	74	0.7
Monroe	8016	7864	98.1	152	1.9	8114	8028	98.9	86	1.1
Montgomery	11771	11489	97.6	282	2.4	12076	11994	99.3	82	0.7
Muscatine	41722	35746	85.7	5976	14.3	39907	36428	91.3	3479	8.7
O'Brien	15102	14623	96.8	479	3.2	15444	15314	99.2	130	0.8
Osceola	7003	6812	97.3	191	2.7	7267	7220	99.4	47	0.6
Page	16976	16153	95.2	823	4.8	16870	16457	97.6	413	2.4
Palo Alto	10147	9956	98.1	191	1.9	10669	10596	99.3	73	0.7
Plymouth	24849	24215	97.4	634	2.6	23388	23215	99.3	173	0.7
Pocahontas	8662	8490	98.0	172	2.0	9525	9460	99.3	65	0.7
Polk	374601	323785	86.4	50816	13.6	327140	299469	91.5	27671	8.5
Pottawattamie	87704	82667	94.3	5037	5.7	82628	80148	97.0	2480	3.0
Poweshiek	18815	18096	96.2	719	3.8	19033	18672	98.1	361	1.9
Ringgold	5469	5406	98.8	63	1.2	5420	5374	99.2	46	0.8
Sac	11529	11300	98.0	229	2.0	12324	12243	99.3	81	0.7
Scott	158668	137382	86.6	21286	13.4	150979	136942	90.7	14037	9.3
Shelby	13173	12938	98.2	235	1.8	13230	13137	99.3	93	0.7
Sioux	31589	30374	96.2	1215	3.8	29903	29564	98.9	339	1.1
Story	79981	72221	90.3	7760	9.7	74252	68666	92.5	5586	7.5
Tama	18103	16140	89.2	1963	10.8	17419	16388	94.1	1031	5.9
Taylor	6958	6633	95.3	325	4.7	7114	7042	99.0	72	1.0
Union	12309	12044	97.8	265	2.2	12750	12624	99.0	126	1.0
Van Buren	7809	7659	98.1	150	1.9	7676	7616	99.2	60	0.8
Wapello	36051	34339	95.3	1712	4.7	35687	34930	97.9	757	2.1
Warren	40671	39635	97.5	1036	2.5	36033	35485	98.5	548	1.5
Washington	20670	19838	96.0	832	4.0	19612	19257	98.2	355	1.8
Wayne	6730	6614	98.3	116	1.7	7067	7010	99.2	57	0.8
Webster	40235	37166	92.4	3069	7.6	40342	38690	95.9	1652	4.1
Winnebago	11723	11297	96.4	426	3.6	12122	11910	98.3	212	1.7
Winneshiek	21310	20757	97.4	553	2.6	20847	20546	98.6	301	1.4
Woodbury	103877	86821	83.6	17056	16.4	98276	90943	92.5	7333	7.5
Worth	7909	7693	97.3	216	2.7	7991	7869	98.5	122	1.5
Wright	14334	13489	94.1	845	5.9	14269	14112	98.9	157	1.1
State of Iowa	2926324	2710344	92.6	215980	7.4	2776755	2663840	95.9	112915	4.1

Figure 1. Percent minority, 2000.

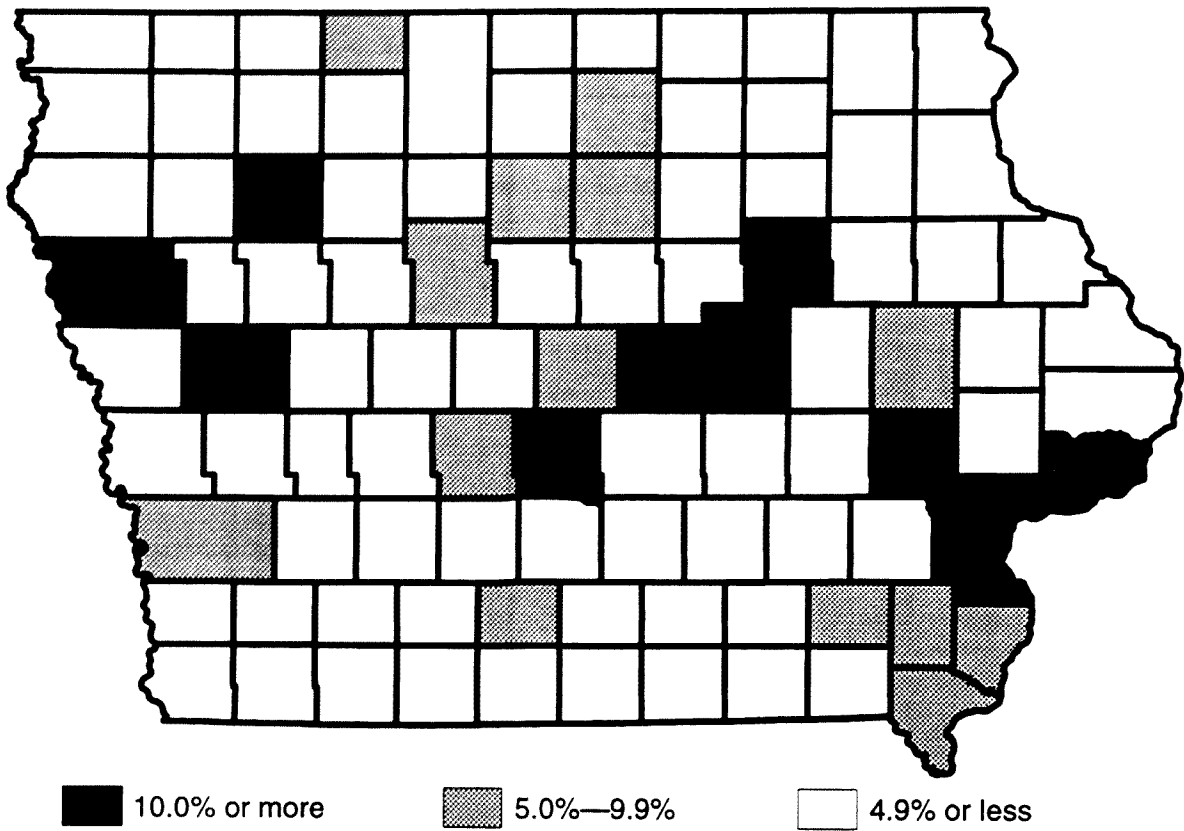
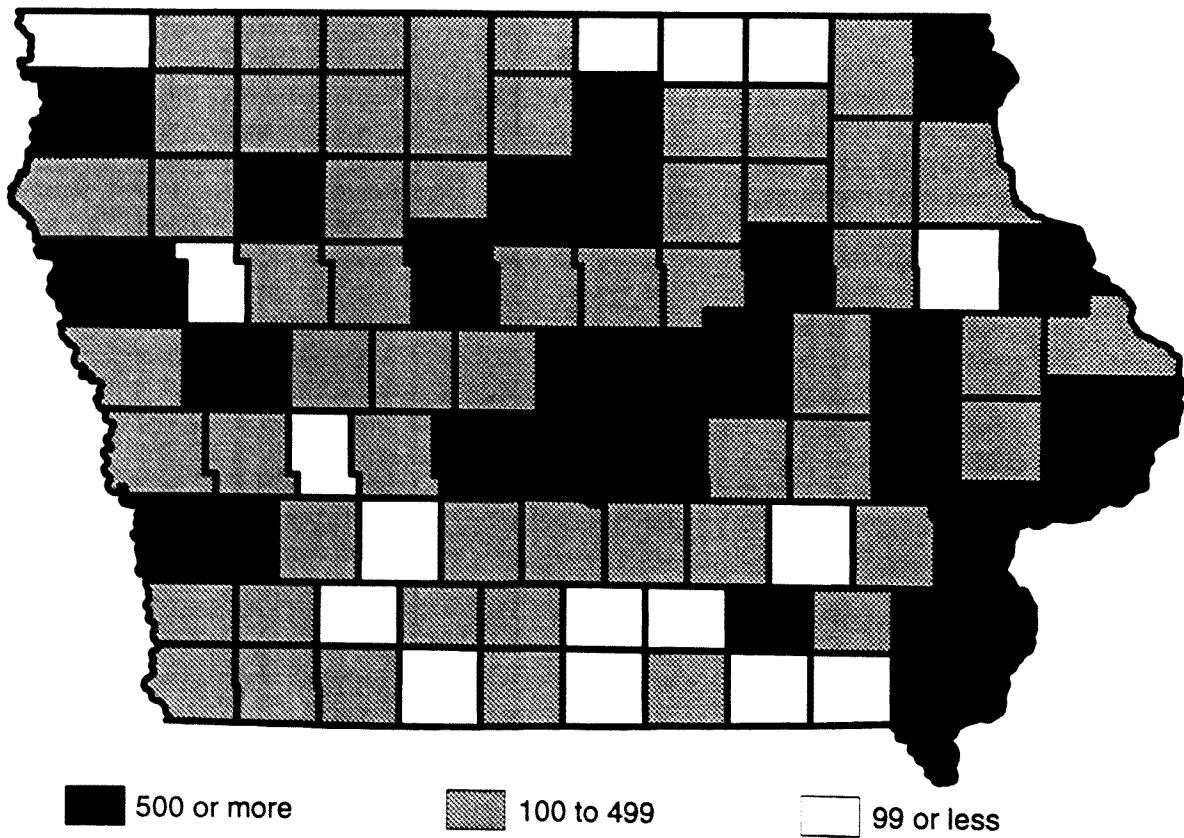


Figure 2. Change in minorities, 1990–2000.



Persons in Households and Group Quarters in Iowa's Counties: 1950-2000

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The U.S. Bureau of the Census reports whether residents live in households or in group quarters. Households are defined as including all of the people who occupy a housing unit, while a housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room occupied as separate living quarters. Iowa had 1,149,276 households according to the 2000 census (Table 1); the number of households increased between each census since 1950, although the gain was only 11,300 from 1980 to 1990. There were 85,000 more households in 2000 than in 1990, a gain surpassed only by the increase of 156,700 from 1970 to 1980.

Of the 2,926,324 persons living in Iowa in 2000, 96.4 percent lived in household settings. Only in Story (88.0%) and Winneshiek (89.2%) did that percentage fall below 90. A third (33) of the counties had at least 98.0 percent of their residents living in households. Fifty years earlier, five counties (Cherokee, Henry, Johnson, Mills, Story) had less than 90 percent of their populations living in households while two-thirds (67) of the counties had 98 percent or more.

Iowa's household population grew by 144,920 (+5.4%) from 1990 to 2000 (Table 1). Much of that gain was attributable to increases in Dallas, Johnson, Linn, and Polk, each of which had at least 10,000 more people in households in 2000 than in 1990. These large gains helped offset the 44 counties that experienced declines in their household populations. Although declines were not as great as gains, Kossuth and Webster both decreased by more than 1,000 and 13 others had at least 500 fewer residents in households in 2000 than in 1990. Adams (-8.3%) and Pocahontas (-8.7%) had the greatest percentage declines in their household populations from 1990 to 2000; another nine counties decreased by at least 5.0 percent. Dallas (+38.0%) reported a gain substantially more than that of Johnson (+18.4%), which was the second highest; 19 additional counties had increases of at least 5.0 percent from 1990 to 2000.

Gains in the number of people living in households occurred between each decade except from 1980 to 1990, when household population declined by 140,000 (Figure 1). When 1950 and 2000 were compared, the household population increased by 11.2 percent (+283,314). Two-thirds (65) of the counties experienced declines in their household populations over this period, however. The gains of at least 15,000 in each of 10 counties (Black Hawk, Dallas, Dubuque, Johnson, Linn, Polk, Pottawattamie, Scott, Story, Warren) offset the relatively small declines in other counties. In percentage terms, 20 counties increased their household populations by at least 10.0 percent across the last half century, with seven of them (Dallas, Johnson, Linn, Polk, Scott, Story, Warren) gaining by more than 50.0 percent. Declines were greater than 10.0 percent in 57 counties from 1950 to 2000; while no county dropped by at least half of its household population, 16 declined by at least a third, including six (Adams, Audubon, Pocahontas, Ringgold, Taylor, Wayne) with losses of at least 40.0 percent.

When the number of persons living in households is divided by the number of households, the average number of persons per household results. Iowa averaged 2.46 persons per household in 2000 (Table 1). The average ranged from below 2.30 (Dickinson, Union) to more than 2.70 in Sioux. Two-fifths (41) of the counties had averages from 2.40 to 2.49. From 1990 to 2000, the average number of persons per household declined in 89 counties; the change in either direction was less than 0.10 in 79 counties, however. While changes across any one decade usually were rather small, they were more dramatic when summed from 1950 to 2000. All 99 counties noted declines of at least 0.50 in the average number of persons per household during that period. In 15 counties, that decline was at least 1.00 (or one person) per household from 1950 to 2000, with the greatest drops occurring in Kossuth (-1.21) and Palo Alto (-1.26) (Figure 2).

Table 1. Persons in Households and Group Quarters in Iowa's Counties, 1950-2000.

County	Households						Persons Per Household						Persons in Households						Persons in Group Quarters*					
	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950
Adair	3398	3419	3615	3301	3614	3873	2.37	2.41	2.58	2.85	3.00	3.17	8046	8232	9319	9392	10858	12265	197	177	190	95	35	22
Adams	1867	2005	2216	2184	2422	2765	2.34	2.37	2.54	2.84	3.06	3.14	4362	4759	5634	6211	7405	8695	120	107	97	111	63	3
Allamakee	5722	5268	5215	4542	4546	4576	2.49	2.55	2.82	3.22	3.48	3.54	14263	13459	14732	14641	15842	16212	412	396	376	327	140	56
Appanoose	5779	5609	6011	5355	5583	6345	2.34	2.41	2.55	2.75	2.83	3.08	13502	13519	15311	14723	15804	19514	219	224	200	284	211	64
Audubon	2773	2936	3192	3147	3373	3512	2.40	2.43	2.62	3.02	3.20	3.29	6650	7128	8349	9494	10801	11537	180	206	210	101	118	16
Benton	9746	8518	8561	7357	7215	6891	2.56	2.59	2.72	3.06	3.21	3.23	24997	22069	23307	22543	23126	22272	311	360	342	342	296	203
Black Hawk	49683	46932	48205	39638	35498	29205	2.45	2.51	2.72	3.19	3.36	3.30	121535	117591	131130	126560	119364	96235	6477	6207	6831	6356	3118	460
Boone	10374	9827	9731	8649	8493	8412	2.44	2.46	2.56	2.88	3.02	3.10	25264	24129	24958	24891	25609	26051	960	1057	1226	1579	2428	1822
Bremer	8860	8394	8454	6861	6116	5535	2.47	2.55	2.79	3.12	3.29	3.31	21865	21384	23569	21406	20149	18334	1460	1429	1251	1331	959	122
Buchanan	7933	7506	7672	6355	6029	5758	2.61	2.71	2.92	3.33	3.47	3.47	20686	20336	22400	21133	20950	19987	407	508	500	613	1343	1684
Buena Vista	7499	7515	7673	6789	6644	6451	2.54	2.49	2.57	2.94	3.15	3.20	19030	18713	19697	19950	20897	20662	1381	1252	1077	743	292	46
Butler	6175	6036	6356	5520	5408	5316	2.43	2.55	2.73	3.04	3.21	3.26	15016	15416	17372	16785	17352	17351	289	315	296	168	115	19
Calhoun	4513	4684	5113	4826	5034	5169	2.31	2.36	2.56	2.90	3.12	3.24	10438	11071	13080	13991	15726	16736	677	437	462	296	197	93
Carroll	8486	7964	7869	6780	6635	6348	2.46	2.63	2.85	3.32	3.48	3.57	20893	20910	22417	22522	23098	22677	528	513	534	390	333	102
Cass	6120	6177	6524	5933	5996	5950	2.32	2.39	2.53	2.81	2.96	3.08	14221	14737	16528	16657	17771	18322	463	391	404	350	148	73
Cedar	7147	6684	6771	5661	5504	5243	2.51	2.57	2.70	3.08	3.21	3.20	17904	17156	18289	17419	17684	16793	283	225	346	236	107	47
Cerro Gordo	19374	19061	18694	16279	15347	13705	2.32	2.37	2.52	2.98	3.19	3.26	44986	45259	47155	48455	49031	44719	1461	1474	1303	880	863	469
Cherokee	5378	5514	5999	5497	5304	5063	2.35	2.48	2.62	3.06	3.25	3.37	12655	13653	15697	16808	17244	17047	380	445	541	461	1354	1657
Chickasaw	5192	5040	5359	4498	4317	4334	2.48	2.59	2.85	3.29	3.44	3.48	12870	13054	15250	14804	14866	15083	225	241	187	165	168	21
Clarke	3584	3343	3356	2706	2816	3046	2.50	2.45	2.55	2.76	2.90	3.06	8977	8174	8573	7468	8173	9314	156	113	39	113	49	2
Clay	7259	7074	7377	6096	5698	5492	2.35	2.45	2.62	2.98	3.23	3.26	17079	17330	19336	18152	18401	17923	293	255	240	312	103	32
Clayton	7375	7218	7487	6552	6690	6699	2.47	2.59	2.77	3.10	3.26	3.33	18197	18718	20717	20342	21819	22331	481	336	381	264	143	73
Clinton	20105	19757	20345	17707	16536	14846	2.44	2.53	2.76	3.15	3.26	3.25	49126	50076	56146	55824	53839	48303	1023	964	976	925	1221	632
Crawford	6441	6397	6661	6031	5668	5696	2.53	2.54	2.78	3.10	3.26	3.45	16300	16218	18512	18678	18478	19647	642	557	423	102	91	48
Dallas	15584	11204	10688	8603	7776	7578	2.59	2.61	2.72	2.99	3.07	3.09	40291	29196	29038	25745	23907	23422	459	559	475	340	216	88
Davis	3207	3093	3278	2791	2913	3139	2.61	2.63	2.73	2.89	3.13	3.15	8357	8123	8937	8063	9120	9890	184	189	167	144	79	46
Decatur	3337	3207	3458	3198	3336	3819	2.37	2.38	2.54	2.75	2.95	3.15	7920	7625	8791	8785	9837	12018	769	713	1003	952	702	54
Delaware	6834	6389	6219	5327	5174	5019	2.66	2.78	3.01	3.48	3.54	3.50	18150	17784	18744	18532	18311	17568	254	251	189	238	172	84
Des Moines	17270	16874	17350	15693	14286	13079	2.40	2.48	2.62	2.95	3.08	3.15	41431	41866	45478	46277	44034	41162	920	748	725	705	571	226
Dickinson	7103	6160	6033	4335	3984	3911	2.27	2.34	2.56	2.87	3.13	3.23	16139	14442	15429	12453	12472	12631	285	467	200	112	102	26
Dubuque	33690	30799	30021	24279	21142	18541	2.51	2.67	2.98	3.55	3.57	3.58	84597	82374	89482	86202	75455	66424	4546	4029	4263	4407	4593	806
Emmet	4450	4461	4844	4325	4424	4138	2.36	2.49	2.70	3.14	3.33	3.37	10490	11097	13074	13580	14730	13964	537	472	262	429	141	30
Fayette	8778	8490	9093	8364	8533	8342	2.41	2.50	2.74	3.10	3.29	3.34	21176	21233	24898	25892	28058	27878	832	610	590	1006	523	131

*This category was labeled persons in institutions in 1950.

Table 1. Persons in Households and Group Quarters in Iowa's Counties, 1950-2000 (continued).

County	Households						Persons Per Household						Persons in Households						Persons in Group Quarters*					
	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950
Floyd	6828	6721	7084	6392	6524	6419	2.40	2.46	2.70	3.03	3.19	3.29	16405	16556	19120	19385	20798	21141	495	502	477	475	304	88
Franklin	4356	4579	5010	4571	4884	4866	2.41	2.44	2.56	2.87	3.15	3.31	10493	11151	12844	13130	15376	16102	211	213	192	125	96	49
Fremont	3199	3217	3588	3237	3395	3881	2.45	2.50	2.57	2.82	2.99	3.15	7835	8037	9237	9128	10157	12217	175	189	164	154	125	32
Greene	4205	4195	4682	4403	4730	4855	2.41	2.36	2.55	2.86	3.03	3.19	10120	9885	11930	12572	14338	15481	246	160	189	144	41	30
Grundy	4984	4776	5228	4653	4461	4224	2.45	2.48	2.71	3.01	3.16	3.24	12196	11837	14174	13996	14116	13699	173	192	192	123	16	0
Guthrie	4641	4407	4572	4224	4483	4832	2.39	2.42	2.56	2.85	3.01	3.12	11088	10678	11705	12046	13500	15094	265	257	278	197	107	52
Hamilton	6692	6358	6623	6159	6292	6025	2.43	2.49	2.66	2.96	3.17	3.24	16232	15809	17605	18201	19921	19516	206	262	257	182	111	58
Hancock	4795	4867	5002	4339	4394	4331	2.48	2.55	2.71	3.01	3.31	3.46	11899	12429	13574	13058	14557	14985	201	209	259	169	47	55
Hardin	7628	7611	8161	7458	7365	7073	2.35	2.38	2.55	2.87	3.00	3.07	17952	18149	20834	21377	22063	21739	860	945	942	871	470	237
Harrison	6115	5656	5957	5415	5519	5901	2.51	2.55	2.70	2.95	3.16	3.30	15347	14423	16058	15991	17460	19453	319	307	290	249	140	43
Henry	7626	7089	6707	5917	5506	5339	2.46	2.51	2.64	2.89	3.01	3.10	18747	17778	17675	17081	16549	16535	1589	1448	1215	1033	1638	1449
Howard	3974	3856	4012	3627	3763	3748	2.43	2.48	2.71	3.10	3.34	3.47	9660	9559	10879	11259	12577	12990	272	250	235	183	157	31
Humboldt	4295	4339	4620	4002	3981	3874	2.38	2.44	2.62	3.10	3.28	3.36	10221	10589	12094	12399	13070	13020	160	167	152	120	86	44
Ida	3213	3222	3369	3031	3276	3301	2.39	2.53	2.59	2.98	3.12	3.23	7680	8164	8738	9030	10236	10648	157	201	170	160	33	0
Iowa	6163	5713	5598	4965	4950	4683	2.50	2.51	2.71	3.07	3.28	3.36	15389	14348	15158	15251	16256	15728	282	282	271	168	140	56
Jackson	8078	7527	7632	6270	6077	5462	2.47	2.61	2.91	3.28	3.38	3.37	19986	19660	22228	20578	20543	18380	310	290	275	261	211	111
Jasper	14689	13632	13564	11609	11050	9818	2.42	2.50	2.64	3.00	3.16	3.24	35543	34115	35866	34875	34967	31811	1670	680	559	550	315	100
Jefferson	6649	6309	5716	5257	4958	4911	2.34	2.42	2.59	2.84	3.07	3.12	15553	15238	14787	14909	15214	15310	628	1072	1529	865	604	84
Johnson	44080	36067	30220	22491	15071	11866	2.34	2.41	2.45	2.88	3.15	3.23	103000	86967	74150	64738	47422	38312	8006	9152	7567	7389	6241	495
Jones	7560	6917	6931	5949	5874	5466	2.47	2.60	2.80	3.17	3.34	3.36	18656	17954	19411	18883	19641	18371	1565	1490	990	985	1052	955
Keokuk	4586	4573	4884	4695	4975	5420	2.45	2.50	2.61	2.92	3.08	3.08	11220	11435	12740	13728	15325	16705	180	189	181	215	167	59
Kossuth	6974	7194	7806	6926	7186	7166	2.42	2.53	2.77	3.27	3.50	3.63	16852	18218	21615	22660	25153	26016	311	373	276	277	161	66
Lee	15161	14936	15618	13953	13372	12933	2.41	2.49	2.66	3.00	3.17	3.19	36469	37210	41556	41822	42403	41292	1583	1477	1550	1174	1804	1220
Linn	76753	65501	61770	50855	42223	32003	2.43	2.51	2.68	3.13	3.18	3.15	186648	164646	165721	159367	134328	100911	5053	4121	4054	3846	2571	386
Louisa	4519	4296	4218	3456	3215	3399	2.66	2.65	2.81	3.05	3.18	3.24	12016	11376	11870	10538	10215	11007	167	216	185	144	75	34
Lucas	3811	3766	4045	3582	3699	3992	2.42	2.35	2.49	2.77	2.90	2.97	9216	8862	10074	9928	10714	11870	206	208	239	235	209	136
Lyon	4428	4289	4488	4090	4190	4087	2.61	2.74	2.84	3.24	3.44	3.58	11561	11764	12733	13249	14411	14616	202	188	163	91	57	10
Madison	5326	4715	4575	3963	3996	4151	2.58	2.59	2.69	2.87	3.04	3.15	13720	12217	12294	11358	12134	13064	299	266	303	200	161	31
Mahaska	8880	8306	8611	7543	7639	7883	2.45	2.51	2.56	2.81	3.04	3.07	21757	20820	22053	21211	23225	24195	578	702	814	966	377	138
Marion	12017	10815	10322	8130	7733	7543	2.50	2.55	2.68	2.94	3.09	3.15	30097	27600	27653	23936	23886	23774	1955	2401	2016	2416	2000	1765
Marshall	15338	14890	15410	13286	11951	10781	2.48	2.47	2.62	3.01	3.10	3.18	38041	36840	40426	39956	37033	34330	1270	1436	1226	1120	951	629
Mills	5324	4665	4537	3657	3612	3614	2.60	2.65	2.72	2.91	3.13	3.30	13847	12363	12343	10638	11296	11931	700	839	1063	968	1754	1950
Mitchell	4294	4253	4432	4038	4153	4117	2.47	2.48	2.71	3.16	3.36	3.36	10593	10567	12005	12771	13956	13853	281	361	324	337	87	29

Table 1. Persons in Households and Group Quarters in Iowa's Counties, 1950-2000 (continued).

County	Households						Persons Per Household						Persons in Households						Persons in Group Quarters*						
	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950	2000	1990	1980	1970	1960	1950	
Monona	4211	4098	4468	4133	4431	4816	2.31	2.38	2.55	2.87	3.12	3.36	9747	9754	11413	11865	13845	16205	273	280	279	204	71	16	
Monroe	3228	3196	3510	3168	3289	3615	2.43	2.48	2.59	2.90	3.14	3.23	7838	7923	9103	9182	10318	11689	178	191	106	175	145	61	
Montgomery	4886	4955	5270	4621	4892	5047	2.36	2.37	2.49	2.71	2.92	3.07	11518	11759	13141	12533	14264	15511	253	317	272	248	203	106	
Muscatine	15847	14806	14214	11840	10862	10038	2.59	2.65	2.80	3.09	3.08	3.15	40998	39252	39782	36597	33409	31581	724	655	654	584	431	219	
O'Brien	6001	5980	6254	5669	5823	5679	2.42	2.49	2.64	3.02	3.20	3.30	14511	14896	16511	17134	18633	18760	591	548	461	388	207	127	
Osceola	2778	2817	3050	2738	2969	2922	2.48	2.54	2.71	3.10	3.37	3.46	6881	7147	8265	8490	10009	10122	122	120	106	65	55	11	
Page	6708	6687	7317	6571	6761	7140	2.32	2.41	2.50	2.67	2.91	3.08	15584	16136	18291	17540	19707	22010	1392	734	772	967	1316	1531	
Palo Alto	4119	4183	4624	4098	4220	4364	2.37	2.48	2.69	3.18	3.47	3.63	9745	10359	12447	13015	14645	15835	402	310	274	274	91	11	
Plymouth	9372	8417	8425	7167	6815	6546	2.61	2.70	2.84	3.26	3.44	3.49	24470	22687	23937	23376	23417	22863	379	701	806	936	489	10	
Pocahontas	3617	3820	4270	4066	4241	4492	2.35	2.44	2.61	3.08	3.33	3.43	8500	9313	11139	12537	14127	15423	162	212	230	192	107	16	
Polk	149112	129237	114817	93415	84352	70165	2.45	2.47	2.58	2.98	3.10	3.11	365671	318917	296273	278687	261082	218436	8930	8223	6897	7414	5233	1595	
Pottawattamie	33844	31262	30803	26776	24896	20630	2.54	2.60	2.78	3.20	3.29	3.29	86028	81375	85493	85791	81910	67931	1676	1253	1068	1200	1192	810	
Poweshiek	7398	7158	6865	5969	5769	5532	2.35	2.48	2.63	2.95	3.16	3.26	17357	17759	18023	17605	18221	18036	1458	1274	1283	1198	1079	119	
Ringgold	2245	2218	2409	2306	2638	3070	2.37	2.38	2.48	2.72	2.98	3.10	5318	5272	5969	6272	7874	9508	151	148	143	101	36	1	
Sac	4746	4914	5353	5080	5284	5258	2.37	2.46	2.59	3.01	3.20	3.32	11242	12091	13882	15274	16888	17448	287	233	236	299	119	6	
Scott	62334	57438	56677	44022	35648	29567	2.49	2.58	2.78	3.18	3.26	3.26	155392	148332	157442	139897	116049	96375	3276	2647	2580	2790	3018	1080	
Shelby	5173	5024	5218	4631	4488	4479	2.49	2.56	2.81	3.28	3.46	3.51	12874	12855	14666	15184	15536	15733	299	375	377	344	289	94	
Sioux	10693	9925	9915	8030	7465	7275	2.71	2.80	2.93	3.32	3.49	3.60	28941	27797	29065	26695	26076	26167	2648	2106	1748	1301	299	75	
Story	29383	25941	23665	18296	14195	12177	2.39	2.45	2.54	2.89	3.09	3.21	70369	63525	60167	52958	43907	39101	9612	10727	12159	9825	5420	189	
Tama	7018	6768	7086	6553	6716	6647	2.51	2.51	2.70	3.02	3.13	3.20	17609	17004	19127	19777	20991	21285	494	415	406	370	422	267	
Taylor	2824	2859	3284	3223	3499	4056	2.40	2.42	2.49	2.68	2.91	3.04	6776	6932	8189	8651	10193	12311	182	182	164	139	95	64	
Union	5242	5173	5314	4774	4652	5004	2.29	2.41	2.55	2.79	2.91	3.07	12017	12487	13545	13330	13553	15361	292	263	313	227	159	62	
Van Buren	3181	3056	3195	3025	3242	3612	2.41	2.47	2.66	2.81	2.98	3.02	7682	7547	8511	8503	9649	10913	127	129	115	140	129	63	
Wapello	14784	14555	15436	14352	14659	14562	2.37	2.40	2.55	2.88	3.09	3.19	35014	34963	39389	41285	45366	46453	1037	724	852	864	760	287	
Warren	14708	12659	11513	8012	6125	5258	2.65	2.75	2.94	3.31	3.31	3.29	38956	34770	33857	26491	20258	17274	1715	1263	1021	941	571	36	
Washington	8056	7454	7213	6136	6035	6038	2.50	2.55	2.71	3.03	3.17	3.21	20167	19004	19567	18572	19140	19355	503	608	574	395	266	95	
Wayne	2821	2953	3315	3137	3471	3977	2.34	2.35	2.43	2.66	2.80	2.93	6598	6938	8072	8338	9712	11662	132	129	127	67	88	43	
Webster	15878	15963	16886	15282	14947	13071	2.38	2.44	2.63	3.08	3.17	3.31	37763	38956	44435	46994	47336	43254	2472	1386	1518	1397	474	154	
Winnebago	4749	4704	4845	4224	4010	3805	2.36	2.43	2.55	2.90	3.20	3.46	11194	11449	12366	12257	12826	13164	529	673	644	733	273	38	
Winneshiek	7734	7256	7063	6058	5951	5869	2.46	2.58	2.81	3.25	3.45	3.56	19017	18747	19830	19660	20534	20908	2293	2100	2046	2098	1117	107	
Woodbury	39151	36899	36632	32834	33243	31270	2.58	2.59	2.68	3.04	3.16	3.21	101115	95388	98113	99876	105182	100522	2762	2888	2771	3176	2667	499	
Worth	3278	3239	3452	3039	3116	3201	2.38	2.43	2.59	2.93	3.29	3.45	7789	7860	8936	8914	10253	11031	120	131	139	54	6	0	
Wright	5940	5899	6243	5744	6102	6057	2.36	2.37	2.57	2.96	3.18	3.23	14022	13966	16028	16992	19380	19551	312	303	291	302	67	22	
State of Iowa	1149276	1053033	841357	81357	780999	2.46	2.68	3.19	2822155	2817473	2687341	104169	96335	70196	1064325	896311	2.52	3.05	3.25	2677235	2733699	2538841	99520	90677	27493

All persons not living in households are classified by the census bureau as living in group quarters. This includes inmates of institutions (e.g., correctional institutions; nursing homes; psychiatric hospitals; hospitals for the chronically ill; schools, hospitals, or wards of the physically handicapped or mentally retarded; juvenile institutions) and the noninstitutionalized population (e.g., group homes; religious group quarters; college dormitories; military quarters; emergency, transitional, and other shelters). In 2000, nearly 104,200 persons were counted in group quarters in Iowa (Table 1). This was an increase of 4,650 (+4.7%) from the 99,500 noted in 1990. Those living in group quarters increased every decade from 1950 to 2000, with the smallest gain occurring from 1980 to 1990 (Figure 3).

In 2000, more than a third (36.6%) of those living in group quarters in Iowa resided in five counties (Black Hawk, Johnson, Linn, Polk, Story), each of which had more than 5,000. Another 21 counties had from 1,000 to 4,999 residents in group quarters. Story, with its relatively large number of university students, had 12.0 percent of its total residents living in group quarters, the largest percentage in the state. The only other county above 10.0 percent was Winneshiek (10.8%); again, college students contributed in large part to this figure. Fourteen other counties reported that 5.0 to 9.9 percent of their inhabitants lived in group quarters; in no county did fewer than 100 people or 1.0 percent of the population live in group quarters in 2000.

Changes in the number living in group quarters between 1990 and 2000 varied from gains of at least 100 in 21 counties to comparable declines in 14 others. In percentage terms, the changes were even more pronounced, with group quarter populations increasing by more than 75 percent in Jasper, Page, and Webster. Each of these counties built or expanded an existing correctional facility since 1990. Two others (Calhoun, Greene) increased by slightly more than 50.0 percent. Conversely, Jefferson and Plymouth, each with declines of 40 percent or more, had the greatest percentage decreases in their populations living in group quarters from 1990 to 2000.

Figure 1. Persons in households in Iowa, 1950–2000.

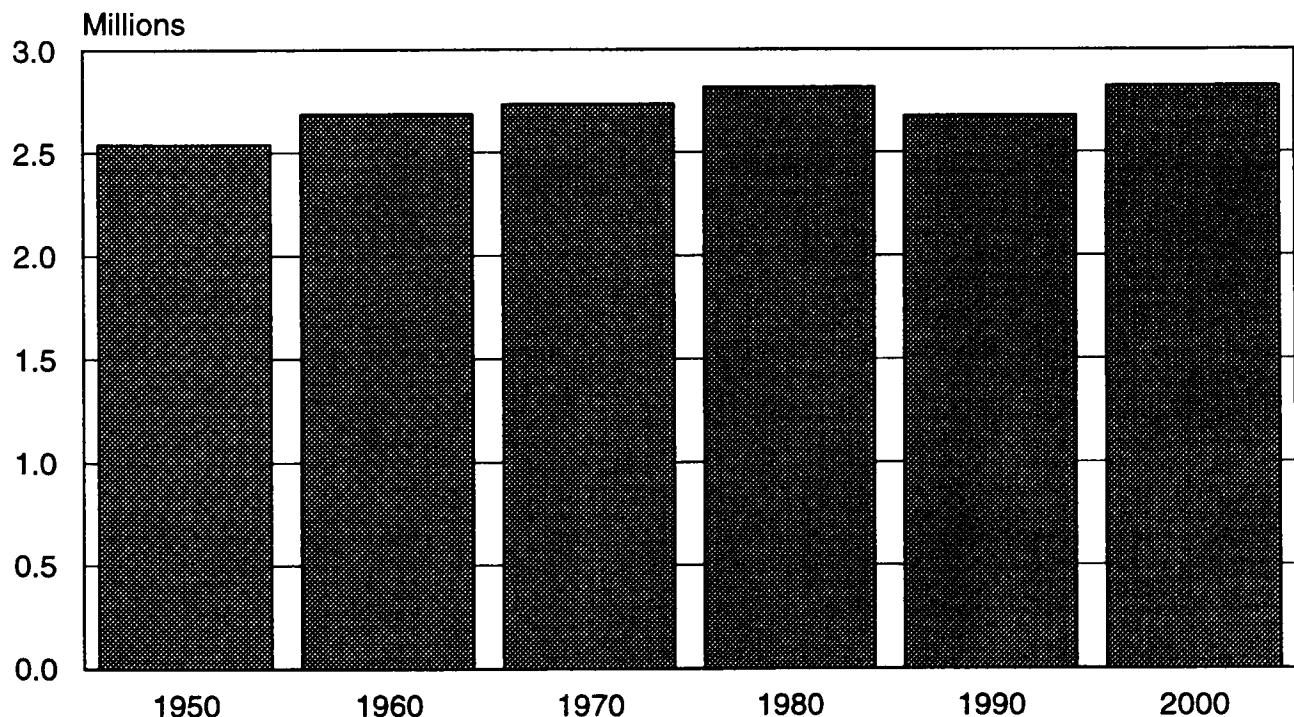


Figure 2. Change in persons per household, 1950–2000.

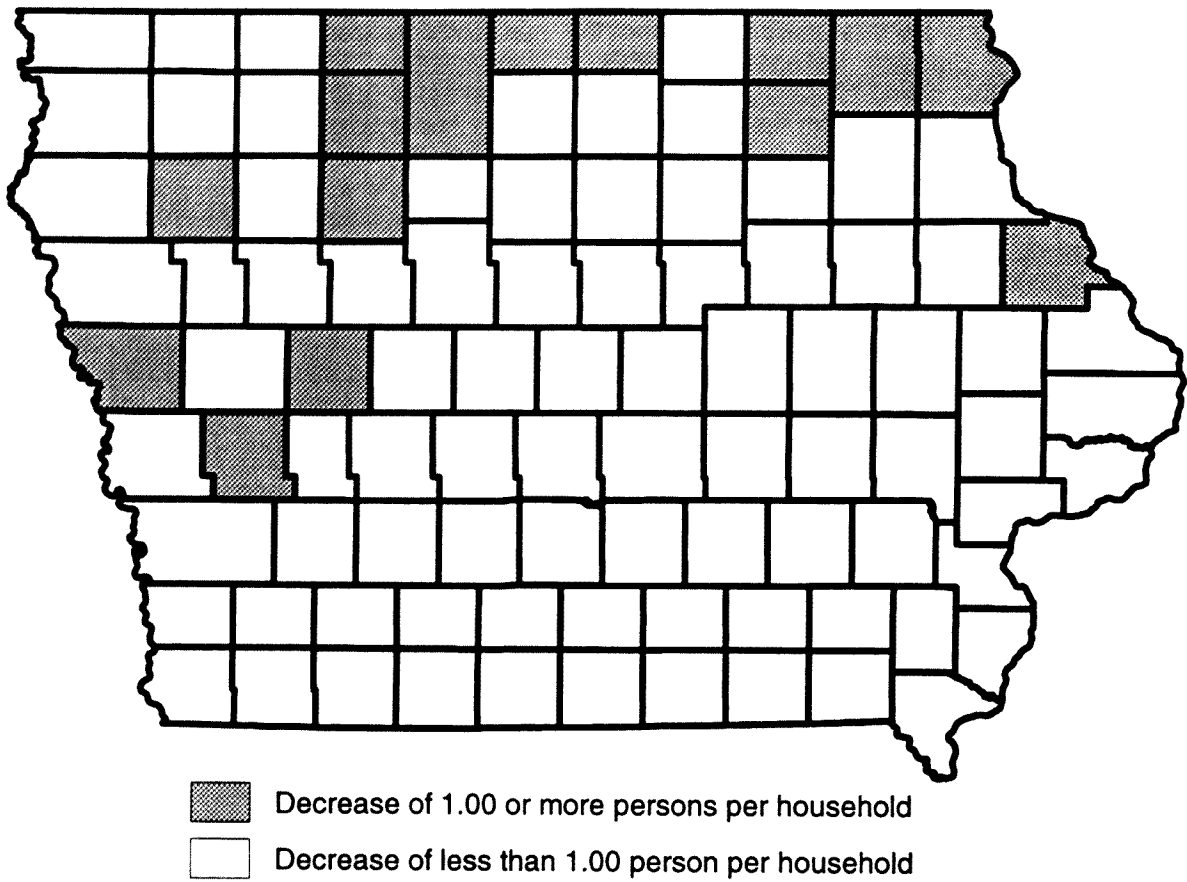
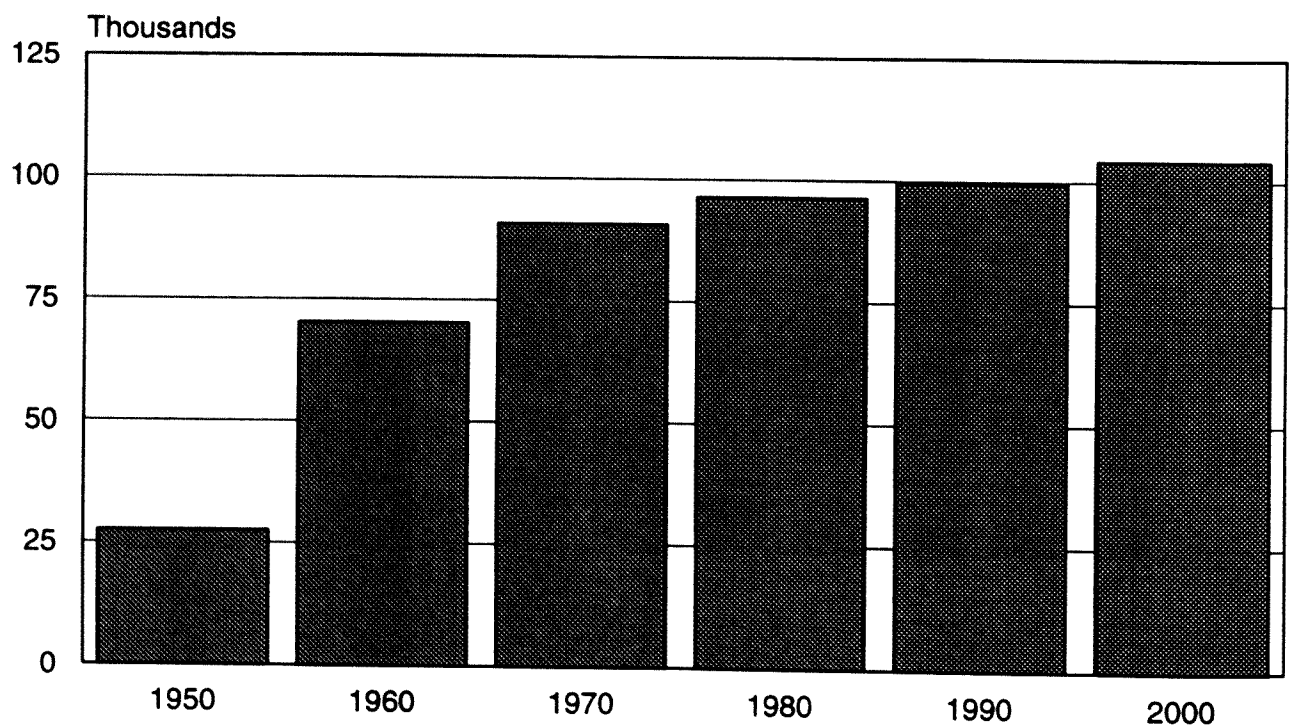


Figure 3. Persons in group quarters in Iowa, 1950–2000.



One-Person Households in Iowa's Counties: 1990 and 2000

Margaret Hanson, Iowa State University
Willis Goudy, Iowa State University

According to the most recent census, there were 1,149,276 households in Iowa in 2000. More than one of every four (27.2%, 313,083) of these households contained one person (Table 1). While the total number of households in Iowa gained by 85,000 (+8.0%) from 1990 to 2000, those occupied by one person increased by nearly 38,000 (+13.7%). Put another way, the increase among one-person households accounted for 44.3 percent of the total household gain from 1990 to 2000.

All but 12 counties noted growth among one-person households in the 1990s. Increases of more than 1,000 occurred in Black Hawk, Dallas, Dubuque, Johnson, Linn, Polk, Pottawattamie, Scott, and Story. In the 11 that declined, only Calhoun, Crawford, and Franklin had at least 50 fewer householders living alone in 2000 than in 1990. Thirty-seven counties experienced gains of at least 10 percent from 1990 to 2000 among one-person households. The rates of growth in Dallas (+48.5%), Johnson (+33.0%), and Linn (+28.5%) were more than twice the state figure. Among those that declined, the greatest decrease was 5.1 percent in Franklin.

One-person households constituted at least 30.0 percent of all households in 13 counties in 2000 (Table 2), although none topped 32.0 percent. Ten years earlier, only Calhoun (30.8%) was at that level. Warren was the only county with less than 20.0% of its households occupied by one person either in 1990 or 2000. Thus, the percentage of households including no more than one person didn't vary greatly across counties in either census.

Females were the occupants of the majority of one-person households in Iowa in 2000 (58.3%) as they were in 1990 (62.7%), although the gap decreased somewhat between those two censuses. In 36 counties in 2000, females occupied at least 6 of every 10 one-person households. In 1990, that occurred in 94 of Iowa's 99 counties. Differences across counties were not great in 2000, however, varying from 53.7 percent in Johnson to 64.2 percent in O'Brien for all one-person households occupied by females.

Changes in the numbers of females and males constituting one-person households differed to a somewhat larger extent. For example, 48 counties had more female one-person households in 2000 than in 1990, while this occurred in all 99 counties for males. The gain in male one-person households was nearly 27,800, while that for females was about 9,900. Even with the greater increase for males across the 1990s, female one-person households outnumbered those of males by 52,100 in 2000.

While the total number of households increased by nearly 85,000 from 1990 to 2000, those in which the householder was at least 65 years of age gained by less than 4,000 (Table 1). And the number of one-person households in which the occupant was 65 or older declined slightly (-225) across the decade. That was caused in part because of a decrease in the number of residents 65-74 years of age between 1990 and 2000, which was a result of a drop in the birth rate from the late 1920s through the early 1930s. As a result of these trends, one-person households among all households in which the householder was 65 or older declined slightly in percentage terms from 1990 (47.8%) to 2000 (47.0%) (Table 2).

In 2000, at least half of all households headed by an occupant 65 or older were one-person units in Adams, Calhoun, Carroll, Cass, Decatur, Jefferson, Pocahontas, and Union. Still, the percentages across all counties varied only from 42.0 in Sioux to 52.2 in Pocahontas. The range was attenuated in 1990, as well.

Table 1. Total Households and One-person Households (by Sex and by Age 65 or Older) in Iowa's Counties, 1990 and 2000.

County	Total Households		One-Person Households		Female One-Person Households		Male One-Person Households		Householder 65+ Households		One-Person 65+ Households		Female 65+ One-Person Households		Male 65+ One-Person Households	
	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990
Adair	3398	3419	955	945	564	620	391	325	1149	1236	541	563	414	467	127	96
Adams	1867	2005	560	571	347	365	213	206	646	681	329	330	261	256	68	74
Allamakee	5722	5268	1573	1428	881	888	692	540	1717	1717	818	856	594	671	224	185
Appanoose	5779	5609	1727	1613	1033	1043	694	570	1800	1952	888	964	676	745	212	219
Audubon	2773	2936	783	786	475	507	308	279	990	1039	464	474	362	378	102	96
Benton	9746	8518	2284	2000	1304	1268	980	732	2539	2469	1145	1153	897	934	248	219
Black Hawk	49683	46932	13449	12020	8043	7524	5406	4496	11449	11088	5440	5228	4254	4222	1186	1006
Boone	10374	9827	2766	2534	1603	1597	1163	937	2606	2772	1229	1336	955	1072	274	264
Bremer	8860	8394	2192	2012	1402	1341	790	671	2393	2419	1127	1130	941	942	186	188
Buchanan	7933	7506	1963	1771	1154	1131	809	640	2030	2116	988	997	787	808	201	189
Buena Vista	7499	7515	2023	2068	1202	1306	821	762	2143	2273	991	1095	796	900	195	195
Butler	6175	6036	1543	1436	945	946	598	490	1946	2038	898	932	707	749	191	183
Calhoun	4513	4684	1375	1441	859	990	516	451	1597	1818	805	955	642	791	163	164
Carroll	8486	7964	2513	2150	1532	1407	981	743	2597	2461	1313	1223	1051	983	262	240
Cass	6120	6177	1825	1828	1101	1236	724	592	1921	2051	974	1076	763	888	211	188
Cedar	7147	6684	1694	1554	972	933	722	621	1858	1900	848	836	645	658	203	178
Cerro Gordo	19374	19061	5983	5591	3649	3679	2334	1912	5321	5207	2614	2648	2084	2174	530	474
Cherokee	5378	5514	1589	1534	932	961	657	573	1700	1687	822	837	628	668	194	169
Chickasaw	5192	5040	1356	1254	750	757	606	497	1522	1537	709	728	522	567	187	161
Clarke	3584	3343	927	897	546	586	381	311	995	1024	475	504	371	406	104	98
Clay	7259	7074	2166	1971	1344	1268	822	703	2024	1927	993	962	836	777	157	185
Clayton	7375	7218	1943	1822	1083	1118	860	704	2149	2256	984	1059	742	823	242	236
Clinton	20105	19757	5510	5051	3242	3188	2268	1863	5129	5273	2445	2521	1955	2021	490	500
Crawford	6441	6397	1687	1739	963	1063	724	676	1832	1908	846	964	660	772	186	192
Dallas	15584	11204	3679	2478	2166	1574	1513	904	2861	2699	1285	1194	999	995	286	199
Davis	3207	3093	801	720	481	467	320	253	930	964	441	425	344	354	97	71
Decatur	3337	3207	1010	956	602	604	408	352	1004	1111	517	560	396	432	121	128
Delaware	6834	6389	1569	1395	919	878	650	517	1758	1709	762	764	602	619	160	145
Des Moines	17270	16874	4931	4562	2920	2892	2011	1670	4549	4592	2183	2230	1738	1843	445	387
Dickinson	7103	6160	2035	1706	1182	1080	853	626	2169	1983	975	888	752	709	223	179
Dubuque	33690	30799	8990	7505	5099	4657	3891	2848	7927	7361	3643	3467	2802	2759	841	708
Emmet	4450	4461	1349	1190	801	785	548	405	1370	1395	681	671	555	558	126	113
Fayette	8778	8490	2478	2323	1484	1503	994	820	2720	2760	1317	1382	1042	1111	275	271
Floyd	6828	6721	1911	1788	1148	1183	763	605	2035	2144	998	1029	780	858	218	171
Franklin	4356	4579	1204	1269	722	806	482	463	1378	1493	671	752	538	625	133	127
Fremont	3199	3217	840	840	502	574	338	266	1004	1136	476	556	376	436	100	120
Greene	4205	4195	1225	1232	761	840	464	392	1418	1522	698	788	557	655	141	133
Grundy	4984	4776	1271	1185	784	804	487	381	1531	1562	709	746	581	613	128	133
Guthrie	4641	4407	1211	1152	704	733	507	419	1449	1458	656	694	517	549	139	145
Hamilton	6692	6358	1842	1589	1062	1011	780	578	1938	1928	908	892	701	728	207	164
Hancock	4795	4867	1269	1214	756	768	513	446	1400	1499	657	717	532	591	125	126
Hardin	7628	7611	2245	2129	1387	1436	858	693	2433	2595	1196	1251	960	1042	236	209
Harrison	6115	5656	1597	1454	959	948	638	506	1745	1838	838	909	657	724	181	185
Henry	7626	7089	2041	1829	1228	1181	813	648	1908	1999	927	995	752	803	175	192
Howard	3974	3856	1174	1100	660	667	514	433	1264	1352	620	665	470	510	150	155
Humboldt	4295	4339	1278	1154	780	743	498	411	1434	1476	700	691	554	566	146	125
Ida	3213	3222	942	849	566	575	376	274	1083	1092	511	541	412	453	99	88
Iowa	6163	5713	1597	1425	923	922	674	503	1679	1766	772	818	611	675	161	143
Jackson	8078	7527	2184	1870	1282	1184	902	686	2295	2176	1114	1040	883	819	231	221
Jasper	14689	13632	3836	3230	2265	2095	1571	1135	3812	3580	1737	1656	1365	1347	372	309

Table 1. Total Households and One-person Households (by Sex and by Age 65 or Older) in Iowa's Counties, 1990 and 2000 (cont.).

County	Total Households		One-Person Households		Female One-Person Households		Male One-Person Households		Householder 65+ Households		One-Person 65+ Households		Female 65+ One-Person Households		Male 65+ One-Person Households	
	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990
Jefferson	6649	6309	2021	1778	1134	1074	887	704	1409	1545	710	752	572	623	138	129
Johnson	44080	36067	13333	10026	7163	5575	6170	4451	5363	4624	2464	2144	1947	1753	517	391
Jones	7560	6917	1915	1630	1095	1001	820	629	2072	1999	948	924	763	733	185	191
Keokuk	4586	4573	1275	1184	759	769	516	415	1482	1588	726	760	567	613	159	147
Kossuth	6974	7194	2001	1962	1173	1224	828	738	2264	2326	1078	1143	826	911	252	232
Lee	15161	14936	4285	3998	2523	2542	1762	1456	4118	4215	2044	2068	1595	1687	449	381
Linn	76753	65501	21092	16408	11752	9826	9340	6582	15059	13291	6837	6182	5292	5007	1545	1175
Louisa	4519	4296	1016	943	553	547	463	396	1074	1098	470	501	360	380	110	121
Lucas	3811	3766	1093	1127	660	761	433	366	1169	1253	556	660	436	535	120	125
Lyon	4428	4289	1075	959	652	651	423	308	1385	1366	608	616	483	506	125	110
Madison	5326	4715	1210	1113	727	736	483	377	1322	1420	623	681	487	561	136	120
Mahaska	8880	8306	2362	2075	1317	1334	1045	741	2368	2446	1101	1135	856	923	245	212
Marion	12017	10815	3071	2673	1750	1657	1321	1016	3074	2897	1427	1360	1144	1110	283	250
Marshall	15338	14890	4123	3872	2415	2400	1708	1472	3874	3948	1864	1872	1458	1494	406	378
Mills	5324	4665	1187	1060	686	671	501	389	1173	1183	536	573	411	465	125	108
Mitchell	4294	4253	1184	1136	698	713	486	423	1462	1454	663	667	514	544	149	123
Monona	4211	4098	1306	1176	785	770	521	406	1501	1517	738	740	571	594	167	146
Monroe	3228	3196	903	893	530	583	373	310	997	1092	495	540	368	428	127	112
Montgomery	4886	4955	1443	1439	898	962	545	477	1508	1669	718	832	582	696	136	136
Muscatine	15847	14806	3823	3409	2167	2075	1656	1334	3419	3426	1564	1654	1221	1306	343	348
O'Brien	6001	5980	1680	1623	1079	1087	601	536	1917	1955	882	926	738	776	144	150
Osceola	2778	2817	766	749	468	466	298	283	854	916	420	455	339	356	81	99
Page	6708	6687	2008	1918	1253	1312	755	606	2126	2324	1036	1190	809	968	227	222
Palo Alto	4119	4183	1253	1232	762	811	491	421	1385	1417	665	718	535	602	130	116
Plymouth	9372	8417	2253	1984	1317	1259	936	725	2545	2420	1127	1107	860	892	267	215
Pocahontas	3617	3820	1094	1065	641	705	453	360	1234	1348	644	668	499	547	145	121
Polk	149112	129237	41863	34855	24591	21693	17272	13162	27021	24641	12808	12014	10083	9881	2725	2133
Pottawattamie	33844	31262	8428	7280	4953	4599	3475	2681	7738	7303	3385	3326	2629	2670	756	656
Poweshiek	7398	7158	2163	1856	1293	1222	870	634	2099	2025	1025	963	809	783	216	180
Ringgold	2245	2218	641	612	408	426	233	186	834	820	399	394	314	328	85	66
Sac	4746	4914	1396	1379	828	880	568	499	1643	1746	777	819	615	667	162	152
Scott	62334	57438	16767	14287	9241	8239	7526	6048	12163	11212	5585	5187	4258	4132	1327	1055
Shelby	5173	5024	1302	1242	773	793	529	449	1653	1632	701	729	546	592	155	137
Sioux	10693	9925	2377	2180	1445	1511	932	669	2902	2792	1219	1268	987	1079	232	189
Story	29383	25941	7848	6585	4342	3819	3506	2766	4896	4576	2231	2145	1801	1820	430	325
Tama	7018	6768	1777	1681	1056	1056	721	625	2113	2141	964	975	748	772	216	203
Taylor	2824	2859	785	793	486	550	299	243	976	1095	455	519	360	426	95	93
Union	5242	5173	1640	1494	1013	1004	627	490	1506	1634	753	853	607	703	146	150
Van Buren	3181	3056	891	824	491	524	400	300	1003	1037	499	505	363	393	136	112
Wapello	14784	14555	4171	3948	2493	2580	1678	1368	4180	4476	1983	2162	1538	1748	445	414
Warren	14708	12659	2927	2321	1789	1490	1138	831	2927	2403	1276	1070	1003	883	273	187
Washington	8056	7454	2130	1932	1285	1234	845	698	2218	2173	1005	1006	801	851	204	155
Wayne	2821	2953	841	842	517	562	324	280	1041	1208	506	567	380	440	126	127
Webster	15878	15963	4815	4456	2813	2785	2002	1671	4369	4450	2075	2139	1600	1713	475	426
Winnebago	4749	4704	1396	1326	821	842	575	484	1424	1526	696	755	555	619	141	136
Winneshiek	7734	7256	2135	1856	1161	1113	974	743	2094	2058	951	959	720	764	231	195
Woodbury	39151	36899	10426	9574	6162	6034	4264	3540	9047	9439	4388	4543	3452	3687	936	856
Worth	3278	3239	904	881	522	551	382	330	982	1085	470	537	372	428	98	109
Wright	5940	5899	1793	1670	1082	1072	711	598	1937	2010	966	969	761	768	205	201
State of Iowa	1149276	1064325	313083	275466	182591	172722	130492	102744	278067	274258	130739	130964	102554	106203	28185	24761

Table 2. Percent of One-Person Households of All Households and Percent One-Person Households by Sex and Age in Iowa's Counties, 1990 and 2000.

County	Percent One-Person Households of All Households				Percent of One-Person Households				Percent of 65+ One-Person Households			
	Total		Householder 65+		2000		1990		2000		1990	
	2000	1990	2000	1990	Female	Male	Female	Male	Female	Male	Female	Male
Adair	28.1	27.6	47.1	45.6	59.1	40.9	65.6	34.4	76.5	23.5	82.9	17.1
Adams	30.0	28.5	50.9	48.5	62.0	38.0	63.9	36.1	79.3	20.7	77.6	22.4
Allamakee	27.5	27.1	47.6	49.9	56.0	44.0	62.2	37.8	72.6	27.4	78.4	21.6
Appanoose	29.9	28.8	49.3	49.4	59.8	40.2	64.7	35.3	76.1	23.9	77.3	22.7
Audubon	28.2	26.8	46.9	45.6	60.7	39.3	64.5	35.5	78.0	22.0	79.7	20.3
Benton	23.4	23.5	45.1	46.7	57.1	42.9	63.4	36.6	78.3	21.7	81.0	19.0
Black Hawk	27.1	25.6	47.5	47.2	59.8	40.2	62.6	37.4	78.2	21.8	80.8	19.2
Boone	26.7	25.8	47.2	48.2	58.0	42.0	63.0	37.0	77.7	22.3	80.2	19.8
Bremer	24.7	24.0	47.1	46.7	64.0	36.0	66.7	33.3	83.5	16.5	83.4	16.6
Buchanan	24.7	23.6	48.7	47.1	58.8	41.2	63.9	36.1	79.7	20.3	81.0	19.0
Buena Vista	27.0	27.5	46.2	48.2	59.4	40.6	63.2	36.8	80.3	19.7	82.2	17.8
Butler	25.0	23.8	46.1	45.7	61.2	38.8	65.9	34.1	78.7	21.3	80.4	19.6
Calhoun	30.5	30.8	50.4	52.5	62.5	37.5	68.7	31.3	79.8	20.2	82.8	17.2
Carroll	29.6	27.0	50.6	49.7	61.0	39.0	65.4	34.6	80.0	20.0	80.4	19.6
Cass	29.8	29.6	50.7	52.5	60.3	39.7	67.6	32.4	78.3	21.7	82.5	17.5
Cedar	23.7	23.2	45.6	44.0	57.4	42.6	60.0	40.0	76.1	23.9	78.7	21.3
Cerro Gordo	30.9	29.3	49.1	50.9	61.0	39.0	65.8	34.2	79.7	20.3	82.1	17.9
Cherokee	29.5	27.8	48.4	49.6	58.7	41.3	62.6	37.4	76.4	23.6	79.8	20.2
Chickasaw	26.1	24.9	46.6	47.4	55.3	44.7	60.4	39.6	73.6	26.4	77.9	22.1
Clarke	25.9	26.8	47.7	49.2	58.9	41.1	65.3	34.7	78.1	21.9	80.6	19.4
Clay	29.8	27.9	49.1	49.9	62.0	38.0	64.3	35.7	84.2	15.8	80.8	19.2
Clayton	26.3	25.2	45.8	46.9	55.7	44.3	61.4	38.6	75.4	24.6	77.7	22.3
Clinton	27.4	25.6	47.7	47.8	58.8	41.2	63.1	36.9	80.0	20.0	80.2	19.8
Crawford	26.2	27.2	46.2	50.5	57.1	42.9	61.1	38.9	78.0	22.0	80.1	19.9
Dallas	23.6	22.1	44.9	44.2	58.9	41.1	63.5	36.5	77.7	22.3	83.3	16.7
Davis	25.0	23.3	47.4	44.1	60.0	40.0	64.9	35.1	78.0	22.0	83.3	16.7
Decatur	30.3	29.8	51.5	50.4	59.6	40.4	63.2	36.8	76.6	23.4	77.1	22.9
Delaware	23.0	21.8	43.3	44.7	58.6	41.4	62.9	37.1	79.0	21.0	81.0	19.0
Des Moines	28.6	27.0	48.0	48.6	59.2	40.8	63.4	36.6	79.6	20.4	82.6	17.4
Dickinson	28.6	27.7	45.0	44.8	58.1	41.9	63.3	36.7	77.1	22.9	79.8	20.2
Dubuque	26.7	24.4	46.0	47.1	56.7	43.3	62.1	37.9	76.9	23.1	79.6	20.4
Emmet	30.3	26.7	49.7	48.1	59.4	40.6	66.0	34.0	81.5	18.5	83.2	16.8
Fayette	28.2	27.4	48.4	50.1	59.9	40.1	64.7	35.3	79.1	20.9	80.4	19.6
Floyd	28.0	26.6	49.0	48.0	60.1	39.9	66.2	33.8	78.2	21.8	83.4	16.6
Franklin	27.6	27.7	48.7	50.4	60.0	40.0	63.5	36.5	80.2	19.8	83.1	16.9
Fremont	26.3	26.1	47.4	48.9	59.8	40.2	68.3	31.7	79.0	21.0	78.4	21.6
Greene	29.1	29.4	49.2	51.8	62.1	37.9	68.2	31.8	79.8	20.2	83.1	16.9
Grundy	25.5	24.8	46.3	47.8	61.7	38.3	67.8	32.2	81.9	18.1	82.2	17.8
Guthrie	26.1	26.1	45.3	47.6	58.1	41.9	63.6	36.4	78.8	21.2	79.1	20.9
Hamilton	27.5	25.0	46.9	46.3	57.7	42.3	63.6	36.4	77.2	22.8	81.6	18.4
Hancock	26.5	24.9	46.9	47.8	59.6	40.4	63.3	36.7	81.0	19.0	82.4	17.6
Hardin	29.4	28.0	49.2	48.2	61.8	38.2	67.4	32.6	80.3	19.7	83.3	16.7
Harrison	26.1	25.7	48.0	49.5	60.1	39.9	65.2	34.8	78.4	21.6	79.6	20.4
Henry	26.8	25.8	48.6	49.8	60.2	39.8	64.6	35.4	81.1	18.9	80.7	19.3
Howard	29.5	28.5	49.1	49.2	56.2	43.8	60.6	39.4	75.8	24.2	76.7	23.3
Humboldt	29.8	26.6	48.8	46.8	61.0	39.0	64.4	35.6	79.1	20.9	81.9	18.1
Ida	29.3	26.4	47.2	49.5	60.1	39.9	67.7	32.3	80.6	19.4	83.7	16.3
Iowa	25.9	24.9	46.0	46.3	57.8	42.2	64.7	35.3	79.1	20.9	82.5	17.5
Jackson	27.0	24.8	48.5	47.8	58.7	41.3	63.3	36.7	79.3	20.7	78.8	21.3
Jasper	26.1	23.7	45.6	46.3	59.0	41.0	64.9	35.1	78.6	21.4	81.3	18.7

Table 2. Percent of One-Person Households of All Households and Percent One-Person Households by Sex and Age in Iowa's Counties, 1990 and 2000 (continued).

County	Percent One-Person Households of All Households				Percent of One-Person Households				Percent of 65+ One-Person Households			
	Total		Householder 65+		2000		1990		2000		1990	
	2000	1990	2000	1990	Female	Male	Female	Male	Female	Male	Female	Male
Jefferson	30.4	28.2	50.4	48.7	56.1	43.9	60.4	39.6	80.6	19.4	82.8	17.2
Johnson	30.2	27.8	45.9	46.4	53.7	46.3	55.6	44.4	79.0	21.0	81.8	18.2
Jones	25.3	23.6	45.8	46.2	57.2	42.8	61.4	38.6	80.5	19.5	79.3	20.7
Keokuk	27.8	25.9	49.0	47.9	59.5	40.5	64.9	35.1	78.1	21.9	80.7	19.3
Kossuth	28.7	27.3	47.6	49.1	58.6	41.4	62.4	37.6	76.6	23.4	79.7	20.3
Lee	28.3	26.8	49.6	49.1	58.9	41.1	63.6	36.4	78.0	22.0	81.6	18.4
Linn	27.5	25.0	45.4	46.5	55.7	44.3	59.9	40.1	77.4	22.6	81.0	19.0
Louisa	22.5	22.0	43.8	45.6	54.4	45.6	58.0	42.0	76.6	23.4	75.8	24.2
Lucas	28.7	29.9	47.6	52.7	60.4	39.6	67.5	32.5	78.4	21.6	81.1	18.9
Lyon	24.3	22.4	43.9	45.1	60.7	39.3	67.9	32.1	79.4	20.6	82.1	17.9
Madison	22.7	23.6	47.1	48.0	60.1	39.9	66.1	33.9	78.2	21.8	82.4	17.6
Mahaska	26.6	25.0	46.5	46.4	55.8	44.2	64.3	35.7	77.7	22.3	81.3	18.7
Marion	25.6	24.7	46.4	46.9	57.0	43.0	62.0	38.0	80.2	19.8	81.6	18.4
Marshall	26.9	26.0	48.1	47.4	58.6	41.4	62.0	38.0	78.2	21.8	79.8	20.2
Mills	22.3	22.7	45.7	48.4	57.8	42.2	63.3	36.7	76.7	23.3	81.2	18.8
Mitchell	27.6	26.7	45.3	45.9	59.0	41.0	62.8	37.2	77.5	22.5	81.6	18.4
Monona	31.0	28.7	49.2	48.8	60.1	39.9	65.5	34.5	77.4	22.6	80.3	19.7
Monroe	28.0	27.9	49.6	49.5	58.7	41.3	65.3	34.7	74.3	25.7	79.3	20.7
Montgomery	29.5	29.0	47.6	49.9	62.2	37.8	66.9	33.1	81.1	18.9	83.7	16.3
Muscatine	24.1	23.0	45.7	48.3	56.7	43.3	60.9	39.1	78.1	21.9	79.0	21.0
O'Brien	28.0	27.1	46.0	47.4	64.2	35.8	67.0	33.0	83.7	16.3	83.8	16.2
Osceola	27.6	26.6	49.2	49.7	61.1	38.9	62.2	37.8	80.7	19.3	78.2	21.8
Page	29.9	28.7	48.7	51.2	62.4	37.6	68.4	31.6	78.1	21.9	81.3	18.7
Palo Alto	30.4	29.5	48.0	50.7	60.8	39.2	65.8	34.2	80.5	19.5	83.8	16.2
Plymouth	24.0	23.6	44.3	45.7	58.5	41.5	63.5	36.5	76.3	23.7	80.6	19.4
Pocahontas	30.2	27.9	52.2	49.6	58.6	41.4	66.2	33.8	77.5	22.5	81.9	18.1
Polk	28.1	27.0	47.4	48.8	58.7	41.3	62.2	37.8	78.7	21.3	82.2	17.8
Pottawattamie	24.9	23.3	43.7	45.5	58.8	41.2	63.2	36.8	77.7	22.3	80.3	19.7
Poweshiek	29.2	25.9	48.8	47.6	59.8	40.2	65.8	34.2	78.9	21.1	81.3	18.7
Ringgold	28.6	27.6	47.8	48.0	63.7	36.3	69.6	30.4	78.7	21.3	83.2	16.8
Sac	29.4	28.1	47.3	46.9	59.3	40.7	63.8	36.2	79.2	20.8	81.4	18.6
Scott	26.9	24.9	45.9	46.3	55.1	44.9	57.7	42.3	76.2	23.8	79.7	20.3
Shelby	25.2	24.7	42.4	44.7	59.4	40.6	63.8	36.2	77.9	22.1	81.2	18.8
Sioux	22.2	22.0	42.0	45.4	60.8	39.2	69.3	30.7	81.0	19.0	85.1	14.9
Story	26.7	25.4	45.6	46.9	55.3	44.7	58.0	42.0	80.7	19.3	84.8	15.2
Tama	25.3	24.8	45.6	45.5	59.4	40.6	62.8	37.2	77.6	22.4	79.2	20.8
Taylor	27.8	27.7	46.6	47.4	61.9	38.1	69.4	30.6	79.1	20.9	82.1	17.9
Union	31.3	28.9	50.0	52.2	61.8	38.2	67.2	32.8	80.6	19.4	82.4	17.6
Van Buren	28.0	27.0	49.8	48.7	55.1	44.9	63.6	36.4	72.7	27.3	77.8	22.2
Wapello	28.2	27.1	47.4	48.3	59.8	40.2	65.3	34.7	77.6	22.4	80.9	19.1
Warren	19.9	18.3	43.6	44.5	61.1	38.9	64.2	35.8	78.6	21.4	82.5	17.5
Washington	26.4	25.9	45.3	46.3	60.3	39.7	63.9	36.1	79.7	20.3	84.6	15.4
Wayne	29.8	28.5	48.6	46.9	61.5	38.5	66.7	33.3	75.1	24.9	77.6	22.4
Webster	30.3	27.9	47.5	48.1	58.4	41.6	62.5	37.5	77.1	22.9	80.1	19.9
Winnebago	29.4	28.2	48.9	49.5	58.8	41.2	63.5	36.5	79.7	20.3	82.0	18.0
Winneshiek	27.6	25.6	45.4	46.6	54.4	45.6	60.0	40.0	75.7	24.3	79.7	20.3
Woodbury	26.6	25.9	48.5	48.1	59.1	40.9	63.0	37.0	78.7	21.3	81.2	18.8
Worth	27.6	27.2	47.9	49.5	57.7	42.3	62.5	37.5	79.1	20.9	79.7	20.3
Wright	30.2	28.3	49.9	48.2	60.3	39.7	64.2	35.8	78.8	21.2	79.3	20.7
State of Iowa	27.2	25.9	47.0	47.8	58.3	41.7	62.7	37.3	78.4	21.6	81.1	18.9

Three-quarters (74) of the counties had declines among one-person households in which the occupant was 65 or older, although 63 of these decreases were less than 100 from 1990 to 2000. Among the 25 counties that increased, gains were greater than 100 in seven.

In 2000, females constituted a far larger share of one-person households in which the occupant was at least 65 years of age (78.4%) than when all one-person households (58.3%) were examined (Table 2). And that female share among those 65 or older living alone declined by only a few points since 1990, when it was 81.1 percent. In addition, these percentages varied relatively little across the counties. But far fewer counties had gains among female one-person households in which the occupant was 65 years of age or older (17) than for males (73) in this age group. The gap remained substantial between the numbers of females and males 65 or older who lived alone, however; in 2000, the difference was nearly 74,400, while it was 81,400 in 1990.

Family Type and Presence of Related Children in Iowa's Counties: 1970-2000

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The U.S. Bureau of the Census reported that 769,684 families lived in Iowa in 2000; families increased by 28,865 (+3.9%) between the 1990 and 2000 censuses (Table 1). According to the definition used by the bureau, a family consists of a householder and at least one other person living in the same household who is related by birth, marriage, or adoption.

Increases occurred in the number of families in 44 counties during the 1990s. Dallas, Johnson, Linn, Polk, Scott, Story, and Warren had gains of at least 1,000. Fifty-five counties had fewer families in 1990 than in 2000. Declines were less than 100 in 24 counties, with the decrease of 628 in Webster the only one greater than 400. Nine counties (Benton, Dallas, Dickinson, Johnson, Linn, Madison, Mills, Polk, Warren) had gains of more than 10 percent, although the 34.6 percent increase in Dallas was the only one exceeding 20. Adams (-11.0%) was the only county with a double-digit percentage decrease from 1990 to 2000 in the total number of families; another 12 counties declined by 5.0 to 9.9 percent.

During the 30-year span from 1970 to 2000, the number of families in Iowa increased by 56,200 (+7.9%) despite the fact that 6 of every 10 counties had declines in their totals. The losses of more than 25 percent of the families in Adams and Pocahontas were more than offset by gains greater than 25 percent in Dallas, Dickinson, Johnson, Marion, Mills, Polk, and Warren.

Information is available for three types of families. Married-couple families are by far the most numerous, although gains have been more rapid among families of female householders with no husband present and families of male householders with no wife present. Thus, the various family types contributed disproportionately to the increase of 28,900 in total families in Iowa. Although married-couple families constituted 80 percent or more of all families in 1990 and 2000, they contributed only 3,400 (11.6%) to the increase. The gain of 13,100 among female householder families (no husband present) represented 45.5 percent of the total increase. And the additional 12,400 male householder families (no wife present) accounted for 42.9 percent of the increase in all families.

Married-Couple Families

In 2000, married-couple families totaled 633,254 or 82.3 percent of all families in the state. The figures for 1990, 1980, and 1970 were 629,893 (85.0%), 677,127 (87.9%), and 645,082 (90.4%), respectively. Thus, although the number of married-couple families didn't change greatly when 1970 and 2000 numbers were compared, married couples as a percentage of all families declined by 8 percentage points because of gains among the other family types.

In only nine counties (Black Hawk, Des Moines, Lee, Polk, Pottawattamie, Scott, Wapello, Webster, Woodbury) did married couples constitute less than 80 percent of all families in 2000; Lyon and Sioux were the only counties with percentages greater than 90. Thirty years earlier, married-couple families represented at least 90 percent of all families in 81 counties.

Dallas, Johnson, Linn, and Polk reported gains of 1,000 or more married-couple families during the 1990s; only Black Hawk decreased by that magnitude, although 73 counties had fewer married-couple families in 1990 than in 2000. Despite the sizeable numerical gains in a handful of counties, married-

couple families accounted for a smaller percentage of total families in 2000 than in 1990 in all 99 counties. The declines were relatively small, however, with only Buena Vista decreasing by as much as 5 percentage points. This trend was more pronounced when data for 1970 and 2000 were compared. In seven counties (Black Hawk, Clinton, Marshall, Pottawattamie, Scott, Wapello, Woodbury), the percentage that married-couple families constituted of all families was at least 10 points lower in 2000 than in 1970.

Families of Female Householders with No Husband Present

In 2000, at least 10 percent of all families in 55 counties were those of female householders with no husband present. This was an increase from the 28 counties at this level in 1990; in 1970, no county had 10 percent of its families in this category.

Statewide, 12.8 percent of all families were female householder families (no husband present) in 2000; 10 years earlier, the percentage was 11.5, while it was 9.5 in 1980 and 7.3 in 1970. This family type increased by more than 13,100 (+15.4%) from 1990 to 2000. All counties except Davis and Union followed this upward trend. Twenty-nine had increases of 100 or more, with Linn and Polk both gaining at least 1,000. Percentage increases from 1990 to 2000 were 30 or more in 10 counties. Gains in this family type were much more sizeable from 1970 to 2000; 61 counties increased by at least 50 percent and 18 more than doubled their numbers of female headed households (no husband present) when 1970 and 2000 were compared.

Families of Male Householders with No Wife Present

The final type—male householders with no wife present—was the least common family in the state, although the numbers have grown substantially since 1970. In 2000, there were 38,160 male householder families (no wife present) in Iowa, a 48.0 percent increase (+12,375) since 1990. Families of male householders with no wife present more than doubled (+132.9%) to 2000 from the 16,400 counted in 1970.

All 99 counties experienced gains in this family type; 27 increased by 100 or more in the 1990s. Still, only 17 counties had at least 500 families of this type in 2000. Families of male householders with no wife present accounted for 5.0 percent of the total families in Iowa in 2000; the figures were 3.5 percent in 1990, 2.6 in 1980, and 2.6 in 1970. In no county did male householder families (no wife present) account for 7 percent of all families during this period; in 2000, only Crawford, Pottawattamie, and Woodbury were in the 6.0-6.9 percent range.

Presence of Related Children

According to the census bureau's definition, all persons under 18 years of age in the household who are related to the householder (except the spouse of the householder or foster children) are referred to as "related children." In 2000, fewer than half (376,000; 48.9%) of Iowa's families had related children in their households (Table 2). This continued the downward trend of previous decades. The 1990 census was the first in which families with related children accounted for less than half (49.3%) of all families in the state. In 1980 and 1970, 51.4 and 54.1 percent, respectively, of all families had related children.

The percentage of families with related children ranged across the counties from 40.1 percent in Dickinson to 53.5 percent in Dallas in 2000; 12 counties in addition to Dallas had at least 50.0 percent in this category. More than two-thirds (68) of the counties reported lower percentages of families with related children in 2000 than 10 years earlier and 89 counties had smaller percentages in 2000 than in 1970. Four counties (Cherokee, Dubuque, Emmet, Warren) had double-digit percentage-point declines from 1970 to 2000 in the percentage of all families that had related children; no county had gains of even 5 points.

Among married-couple families, the number with related children declined steadily across the decades, with 72,000 fewer married couples with related children in 2000 than in 1970 (Table 2). Although 44.6 percent had related children in 2000, this was a 10 percentage-point decline from the 55.0

Table 1. Family Type in Iowa's Counties, 1970-2000.

County	Total Families				Married-Couple Families				Families of Female Householders With No Husband Present				Families of Male Householders With No Wife Present			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Adair	2324	2408	2716	2637	2021	2176	2524	2470	195	163	141	113	108	69	51	54
Adams	1236	1388	1676	1765	1083	1263	1516	1623	102	90	121	101	51	35	39	41
Allamakee	3929	3719	3933	3634	3339	3265	3492	3230	375	299	308	267	215	155	133	137
Appanoose	3803	3828	4376	4068	3070	3206	3783	3595	507	479	470	353	226	143	123	120
Audubon	1926	2102	2399	2553	1703	1927	2204	2371	155	131	133	132	68	44	62	50
Benton	7053	6270	6461	5909	6109	5502	5856	5444	635	583	455	331	309	185	150	134
Black Hawk	31963	32143	35315	32254	24960	26076	30096	29054	5384	4902	4253	2576	1619	1165	966	624
Boone	7135	6952	7118	6908	6021	6034	6370	6291	814	710	579	471	300	208	169	146
Bremer	6324	6165	6594	5728	5540	5590	6068	5327	550	416	375	283	234	159	151	118
Buchanan	5675	5564	5901	5225	4815	4813	5283	4755	587	554	492	330	273	197	126	140
Buena Vista	5125	5217	5633	5348	4310	4675	5166	4908	543	405	348	319	272	137	119	121
Butler	4470	4490	4989	4555	3880	4034	4592	4205	388	324	279	248	202	132	118	102
Calhoun	3015	3169	3768	3818	2612	2845	3412	3488	299	238	271	229	104	86	85	101
Carroll	5669	5626	5768	5366	4833	4949	5174	4822	581	499	439	389	255	178	155	155
Cass	4094	4206	4735	4625	3465	3732	4268	4239	440	342	344	271	189	132	123	115
Cedar	5136	4909	5180	4641	4399	4321	4645	4270	478	411	392	254	259	177	143	117
Cerro Gordo	12398	12661	13137	12634	10052	10650	11476	11347	1768	1611	1358	1052	578	400	303	235
Cherokee	3598	3835	4366	4333	3081	3386	3956	3967	352	332	305	281	165	117	105	85
Chickasaw	3646	3657	4060	3686	3151	3238	3635	3354	326	292	318	220	169	127	107	112
Clarke	2498	2333	2475	2133	2072	2032	2243	1951	298	227	185	120	128	74	47	62
Clay	4774	4836	5394	4841	4039	4234	4838	4442	495	477	429	323	240	125	127	76
Clayton	5134	5209	5701	5251	4400	4651	5148	4763	451	372	389	317	283	186	164	171
Clinton	13676	14056	15287	14437	10973	11691	13415	13025	1979	1814	1459	1072	724	551	413	340
Crawford	4488	4486	5032	4831	3768	3909	4530	4406	448	395	354	281	272	182	148	144
Dallas	11166	8297	8172	6950	9441	7125	7270	6372	1240	861	707	443	485	311	195	135
Davis	2286	2319	2534	2251	2012	2077	2351	2090	166	174	124	94	108	68	59	67
Decatur	2150	2146	2519	2441	1812	1898	2255	2234	239	178	207	149	99	70	57	58
Delaware	5030	4851	4831	4364	4380	4305	4349	3988	422	401	326	240	228	145	156	136
Des Moines	11535	11734	12634	12308	9103	9603	10891	10927	1808	1676	1423	1116	624	455	320	265
Dickinson	4760	4270	4502	3459	4103	3766	4106	3202	475	375	314	189	182	129	82	68
Dubuque	23111	22150	22565	19839	19136	18803	19587	17577	2916	2609	2322	1669	1059	738	656	593
Emmet	2909	3113	3552	3484	2447	2709	3199	3175	346	307	268	245	116	97	85	64
Fayette	5952	5966	6788	6692	4987	5252	6125	6092	652	501	462	410	313	213	201	190

Table 1. Family Type in Iowa's Counties, 1970-2000 (continued).

County	Total Families				Married-Couple Families				Families of Female Householders With No Husband Present				Families of Male Householders With No Wife Present			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Floyd	4708	4788	5349	5118	3938	4202	4825	4708	528	448	409	311	242	138	115	99
Franklin	2985	3207	3721	3718	2567	2851	3361	3430	277	262	268	212	141	94	92	76
Fremont	2243	2309	2669	2530	1884	2023	2399	2316	261	210	205	144	98	76	65	70
Greene	2859	2849	3413	3459	2411	2520	3084	3141	302	252	260	236	146	77	69	82
Grundy	3584	3510	4042	3821	3180	3198	3725	3564	272	224	234	177	132	88	83	80
Guthrie	3251	3158	3385	3313	2785	2791	3064	3055	304	266	234	186	162	101	87	72
Hamilton	4600	4614	5001	4931	3874	4044	4464	4474	510	431	416	322	216	139	121	135
Hancock	3376	3540	3822	3519	2919	3151	3479	3226	286	271	235	194	171	118	108	99
Hardin	5085	5280	5944	5736	4359	4713	5394	5242	498	420	412	375	228	147	138	119
Harrison	4305	4066	4498	4302	3628	3550	4025	3876	462	385	367	317	215	131	106	109
Henry	5268	5075	5016	4698	4397	4398	4469	4302	622	494	425	302	249	183	122	94
Howard	2650	2684	2968	2912	2257	2379	2679	2585	261	197	186	205	132	108	103	122
Humboldt	2884	3101	3542	3268	2465	2785	3230	3007	274	234	231	202	145	82	81	59
Ida	2186	2317	2487	2448	1911	2121	2293	2294	189	140	128	98	86	56	66	56
Iowa	4300	4126	4287	4078	3706	3663	3867	3757	406	342	299	210	188	121	121	111
Jackson	5587	5479	5845	5031	4699	4711	5217	4548	619	566	461	316	269	202	167	167
Jasper	10265	10005	10391	9526	8712	8786	9401	8811	1087	897	778	545	466	322	212	170
Jefferson	4279	4288	4203	4056	3533	3683	3753	3707	531	466	332	254	215	139	118	95
Johnson	23578	20317	17937	16045	19335	17158	15510	14661	2995	2404	1890	1075	1248	755	537	309
Jones	5301	5081	5337	4899	4461	4414	4772	4404	594	490	405	361	246	177	160	134
Keokuk	3153	3307	3630	3722	2704	2893	3301	3414	298	287	227	203	151	127	102	105
Kossuth	4792	5101	5888	5694	4214	4597	5309	5187	406	369	405	341	172	135	174	166
Lee	10248	10483	11410	10979	8138	8641	9846	9667	1569	1453	1266	1028	541	389	298	284
Linn	50335	45039	44438	40884	40828	37762	38401	36899	6942	5536	4790	3180	2565	1741	1247	805
Louisa	3319	3194	3325	2813	2770	2746	2944	2572	371	312	272	157	178	136	109	84
Lucas	2561	2537	2895	2773	2162	2213	2575	2491	267	247	257	203	132	77	63	79
Lyon	3264	3284	3476	3373	2970	3045	3228	3120	193	171	180	167	101	68	68	86
Madison	3923	3492	3508	3175	3403	3105	3210	2943	373	300	210	163	147	87	88	69
Mahaska	6147	6018	6367	5936	5208	5256	5736	5417	665	576	501	382	274	186	130	137
Marion	8527	7879	7794	6606	7351	6944	7023	6030	825	708	594	448	351	227	177	128
Marshall	10456	10478	11239	10614	8494	8906	9952	9701	1429	1233	1048	712	533	339	239	201
Mills	3938	3469	3464	2959	3283	2945	3107	2713	472	416	279	178	183	108	78	68
Mitchell	2984	3031	3302	3208	2612	2753	3005	2913	245	199	202	189	127	79	95	106

Table 1. Family Type in Iowa's Counties, 1970-2000 (continued).

County	Total Families				Married-Couple Families				Families of Female Householders With No Husband Present				Families of Male Householders With No Wife Present			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Monona	2738	2819	3321	3241	2296	2435	2969	2936	298	271	257	199	144	113	95	106
Monroe	2210	2238	2520	2468	1814	1905	2235	2188	276	242	210	193	120	91	75	87
Montgomery	3259	3382	3847	3528	2656	2907	3435	3176	426	369	327	262	177	106	85	90
Muscatine	11290	10891	10737	9511	9168	9081	9356	8584	1466	1361	1099	726	656	449	282	201
O'Brien	4125	4236	4659	4533	3661	3869	4312	4166	293	277	272	255	171	90	75	112
Osceola	1942	2012	2317	2208	1722	1841	2127	2059	143	126	135	96	77	45	55	53
Page	4459	4608	5245	4973	3723	3975	4678	4491	545	490	454	377	191	143	113	105
Palo Alto	2674	2806	3340	3286	2317	2523	3047	2998	241	213	223	202	116	70	70	86
Plymouth	6806	6257	6445	5809	5930	5619	5846	5264	580	473	434	365	296	165	165	180
Pocahontas	2431	2680	3147	3277	2109	2424	2839	2975	215	169	216	205	107	87	92	97
Polk	96601	85847	79474	72739	76055	69227	66358	64118	15334	13237	10914	7216	5212	3383	2202	1405
Pottawattamie	23619	22827	23372	21864	18135	18392	19793	19452	3999	3501	2942	1883	1485	934	637	529
Poweshiek	4880	5036	5052	4707	4128	4436	4518	4313	551	458	418	302	201	142	116	92
Ringgold	1537	1562	1798	1826	1340	1404	1645	1691	124	110	115	83	73	48	38	52
Sac	3199	3454	3984	4093	2769	3087	3669	3747	295	265	226	222	135	102	89	124
Scott	41895	40386	41706	35599	32580	32352	35568	31914	7079	6402	4807	2942	2236	1632	1331	743
Shelby	3705	3702	4016	3825	3224	3347	3674	3515	354	269	244	207	127	86	98	103
Sioux	8064	7584	7726	6647	7426	7057	7231	6194	444	371	367	334	194	156	128	119
Story	17056	15884	15584	13981	14581	13883	13965	13072	1737	1494	1222	698	738	507	397	211
Tama	4971	4878	5368	5271	4154	4236	4822	4800	563	444	409	325	254	198	137	146
Taylor	1913	2013	2439	2507	1667	1799	2227	2300	168	159	174	142	78	55	38	65
Union	3354	3502	3805	3658	2784	2934	3344	3288	420	440	361	284	150	128	100	86
Van Buren	2164	2167	2425	2380	1854	1925	2197	2171	191	173	149	127	119	69	79	82
Wapello	9797	10135	11275	11236	7789	8404	9834	10094	1470	1361	1173	935	538	370	268	207
Warren	11214	9950	9337	6901	9482	8669	8386	6459	1288	1015	754	324	444	266	197	118
Washington	5628	5289	5440	4905	4856	4627	4875	4502	543	477	443	316	229	185	122	87
Wayne	1919	2062	2415	2451	1641	1865	2193	2265	181	139	165	129	97	58	57	57
Webster	10300	10928	12191	12049	8221	9066	10576	10687	1510	1452	1288	1072	569	410	327	290
Winnebago	3182	3271	3502	3322	2702	2907	3170	3014	340	280	255	219	140	84	77	89
Winneshiek	5188	5121	5240	4914	4553	4577	4712	4431	428	372	354	296	207	172	174	187
Woodbury	26432	25734	26705	25590	20332	20775	22641	22583	4412	3858	3336	2400	1688	1101	728	607
Worth	2264	2296	2541	2446	1905	2027	2244	2221	240	189	212	135	119	80	85	90
Wright	3939	4081	4606	4633	3405	3634	4170	4235	369	330	318	273	165	117	118	125
State of Iowa	769684	740819	770283	713490	633254	629893	677127	645082	98270	85141	73029	52025	38160	25785	20127	16383

Table 2. Total and Married-Couple Families by Presence of Related Children in Iowa's Counties, 1970-2000.

County	Total Families								Married-Couple Families							
	With Related Children				With No Related Children				With Related Children				With No Related Children			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Adair	1022	1024	1211	1229	1302	1384	1505	1408	802	882	1117	1178	1219	1294	1407	1292
Adams	543	586	755	791	693	802	921	974	439	514	668	746	644	749	848	877
Allamakee	1798	1796	2011	1902	2131	1923	1922	1732	1435	1551	1834	1779	1904	1714	1658	1451
Appanoose	1735	1762	2013	1811	2068	2066	2363	2257	1238	1363	1686	1637	1832	1843	2097	1958
Audubon	857	882	1107	1319	1069	1220	1292	1234	699	783	1015	1250	1004	1144	1189	1121
Benton	3511	3048	3377	3218	3542	3222	3084	2691	2840	2542	3039	3009	3269	2960	2817	2435
Black Hawk	15515	16064	19008	18603	16448	16079	16307	13651	10656	11810	15618	16805	14304	14266	14478	12249
Boone	3354	3211	3395	3402	3781	3741	3723	3506	2608	2618	2993	3146	3413	3416	3377	3145
Bremer	2897	2891	3518	3081	3427	3274	3076	2647	2345	2521	3237	2948	3195	3069	2831	2379
Buchanan	2817	2915	3288	3004	2858	2649	2613	2221	2220	2387	2929	2787	2595	2426	2354	1968
Buena Vista	2480	2531	2645	2794	2645	2686	2988	2554	1908	2164	2402	2616	2402	2511	2764	2292
Butler	1964	2050	2434	2344	2506	2440	2555	2211	1578	1787	2274	2226	2302	2247	2318	1979
Calhoun	1293	1362	1696	1892	1722	1807	2072	1926	1023	1167	1527	1765	1589	1678	1885	1723
Carroll	2845	2892	3163	3067	2824	2734	2605	2299	2279	2511	2885	2869	2554	2438	2289	1953
Cass	1838	1909	2222	2268	2256	2297	2513	2357	1375	1592	1955	2127	2090	2140	2313	2112
Cedar	2452	2381	2633	2418	2684	2528	2547	2223	1945	2004	2346	2286	2454	2317	2299	1984
Cerro Gordo	5836	6118	6362	6745	6562	6543	6775	5889	4213	4776	5409	6154	5839	5874	6067	5193
Cherokee	1611	1829	2153	2374	1987	2006	2213	1959	1255	1538	1940	2246	1826	1848	2016	1721
Chickasaw	1695	1802	2158	1989	1951	1855	1902	1697	1348	1550	1946	1882	1803	1688	1689	1472
Clarke	1207	1096	1151	963	1291	1237	1324	1170	904	898	1006	896	1168	1134	1237	1055
Clay	2279	2407	2790	2627	2495	2429	2604	2214	1745	1987	2471	2432	2294	2247	2367	2010
Clayton	2335	2497	2860	2679	2799	2712	2841	2572	1849	2188	2612	2530	2551	2463	2536	2233
Clinton	6691	7008	8062	7996	6985	7048	7225	6441	4842	5457	6961	7359	6131	6234	6454	5666
Crawford	2120	2183	2622	2629	2368	2303	2410	2202	1634	1824	2371	2477	2134	2085	2159	1929
Dallas	5978	4243	4322	3717	5188	4054	3850	3233	4722	3454	3749	3428	4719	3671	3521	2944
Davis	1066	1093	1216	1089	1220	1226	1318	1162	884	943	1121	1030	1128	1134	1230	1060
Decatur	974	992	1129	1093	1176	1154	1390	1348	734	818	981	1021	1078	1080	1274	1213
Delaware	2570	2538	2686	2558	2460	2313	2145	1806	2131	2235	2474	2416	2249	2070	1875	1572
Des Moines	5410	5702	6396	6523	6125	6032	6238	5785	3696	4276	5354	5873	5407	5327	5537	5054
Dickinson	1910	1794	2101	1688	2850	2476	2401	1771	1474	1466	1848	1591	2629	2300	2258	1611
Dubuque	11479	11444	13167	12044	11632	10706	9398	7795	8893	9550	11662	11196	10243	9253	7925	6381
Emmet	1282	1479	1824	1909	1627	1634	1728	1575	979	1221	1649	1771	1468	1488	1550	1404
Fayette	2746	2835	3438	3528	3206	3131	3350	3164	2105	2420	3145	3316	2882	2832	2980	2776
Floyd	2145	2220	2687	2721	2563	2568	2662	2397	1593	1820	2374	2548	2345	2382	2451	2160
Franklin	1320	1476	1730	1810	1665	1731	1991	1908	1036	1266	1549	1698	1531	1585	1812	1732
Fremont	1010	1058	1200	1143	1233	1251	1469	1387	762	887	1058	1061	1122	1136	1341	1255
Greene	1330	1221	1573	1695	1529	1628	1840	1764	1009	1007	1390	1552	1402	1513	1694	1589
Grundy	1582	1573	2003	1977	2002	1937	2039	1844	1309	1380	1852	1897	1871	1818	1873	1667
Guthrie	1352	1373	1537	1577	1899	1785	1848	1736	1040	1153	1362	1486	1745	1638	1702	1569
Hamilton	2116	2090	2442	2558	2484	2524	2559	2373	1636	1738	2158	2365	2238	2306	2306	2109
Hancock	1605	1746	1952	1847	1771	1794	1870	1672	1295	1496	1785	1746	1624	1655	1694	1480
Hardin	2320	2341	2748	2847	2765	2939	3196	2889	1797	1965	2465	2658	2562	2748	2929	2584
Harrison	2063	1939	2179	2137	2242	2127	2319	2165	1618	1619	1924	1950	2010	1931	2101	1926
Henry	2584	2492	2497	2356	2684	2583	2519	2342	1959	2055	2195	2188	2438	2343	2274	2114
Howard	1262	1226	1444	1452	1388	1458	1524	1460	1009	1056	1342	1358	1248	1323	1337	1227
Humboldt	1317	1370	1677	1752	1567	1731	1865	1516	1028	1176	1507	1639	1437	1609	1723	1368
Ida	971	1107	1147	1253	1215	1210	1340	1195	793	993	1065	1205	1118	1128	1228	1089
Iowa	2080	1870	2067	2122	2220	2256	2220	1956	1679	1633	1884	2029	2027	2030	1983	1728
Jackson	2660	2714	3186	2791	2927	2765	2659	2240	2069	2270	2864	2629	2630	2441	2353	1919
Jasper	4823	4705	5247	5236	5442	5300	5144	4290	3722	3869	4612	4880	4990	4917	4789	3931

Table 2. Total and Married-Couple Families by Presence of Related Children in Iowa's Counties, 1970-2000 (continued).

County	Total Families								Married-Couple Families							
	With Related Children				With No Related Children				With Related Children				With No Related Children			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Jefferson	2138	2135	2008	2007	2141	2153	2195	2049	1577	1714	1755	1853	1956	1969	1998	1854
Johnson	11956	10452	9233	8854	11622	9865	8704	7191	9248	8581	7834	8228	10087	8577	7676	6433
Jones	2431	2505	2788	2685	2870	2576	2549	2214	1865	2079	2492	2486	2596	2335	2280	1918
Keokuk	1449	1506	1646	1752	1704	1801	1984	1970	1147	1250	1501	1661	1557	1643	1800	1753
Kossuth	2190	2428	3024	3096	2602	2673	2864	2598	1821	2133	2754	2929	2393	2464	2555	2258
Lee	4870	5180	5883	5775	5378	5303	5527	5204	3406	3926	4959	5197	4732	4715	4887	4470
Linn	25404	22429	24152	24163	24931	22610	20286	16721	18765	17747	20352	22079	22063	20015	18049	14820
Louisa	1679	1625	1790	1476	1640	1569	1535	1337	1280	1317	1543	1382	1490	1429	1401	1190
Lucas	1130	1134	1363	1314	1431	1403	1532	1459	864	912	1172	1203	1298	1301	1403	1288
Lyon	1568	1623	1807	1910	1696	1661	1669	1463	1380	1502	1713	1825	1590	1543	1515	1295
Madison	1925	1720	1767	1520	1998	1772	1741	1655	1564	1443	1613	1434	1839	1662	1597	1509
Mahaska	2980	2903	2968	2808	3167	3115	3399	3128	2295	2380	2602	2582	2913	2876	3134	2835
Marion	4102	3950	3988	3393	4425	3929	3806	3213	3280	3317	3528	3136	4071	3627	3495	2894
Marshall	5001	4957	5784	5763	5455	5521	5455	4851	3590	3926	4996	5324	4904	4980	4956	4377
Mills	1948	1839	1804	1488	1990	1630	1660	1471	1476	1474	1594	1386	1807	1471	1513	1327
Mitchell	1322	1351	1637	1687	1662	1680	1665	1521	1074	1200	1521	1580	1538	1553	1484	1333
Monona	1189	1218	1480	1543	1549	1601	1841	1698	903	988	1321	1418	1393	1447	1648	1518
Monroe	1039	1020	1162	1182	1171	1218	1358	1286	773	822	1047	1096	1041	1083	1188	1092
Montgomery	1511	1539	1731	1635	1748	1843	2116	1893	1091	1216	1515	1507	1565	1691	1920	1669
Muscatine	5829	5753	5922	5215	5461	5138	4815	4296	4315	4502	5053	4782	4853	4579	4303	3802
O'Brien	1858	1956	2246	2401	2267	2280	2413	2132	1551	1726	2090	2285	2110	2143	2222	1881
Osceola	897	960	1129	1179	1045	1052	1188	1029	758	859	1033	1122	964	982	1094	937
Page	1968	2122	2418	2232	2491	2486	2827	2741	1466	1709	2101	2052	2257	2266	2577	2439
Palo Alto	1200	1279	1644	1717	1474	1527	1696	1569	975	1107	1508	1615	1342	1416	1539	1383
Plymouth	3433	3157	3340	3184	3373	3100	3105	2625	2822	2782	3080	2973	3108	2837	2766	2291
Pocahontas	1093	1206	1504	1697	1338	1474	1643	1580	867	1064	1365	1602	1242	1360	1474	1373
Polk	50728	43808	41585	40874	45873	42039	37889	31865	36703	33064	33419	36102	39352	36163	32939	28016
Pottawattamie	11779	11719	12428	12492	11840	11108	10944	9372	8059	8761	10215	11252	10076	9631	9578	8200
Poweshiek	2203	2408	2471	2477	2677	2628	2581	2230	1670	2020	2182	2329	2458	2416	2336	1984
Ringgold	644	653	752	805	893	909	1046	1021	506	553	677	744	834	851	968	947
Sac	1382	1558	1844	2106	1817	1896	2140	1987	1099	1342	1705	1974	1670	1745	1964	1773
Scott	21884	21767	23488	20880	20011	18619	18218	14719	15184	16077	19455	18916	17396	16275	16113	12998
Shelby	1716	1722	2035	2106	1989	1980	1981	1719	1392	1509	1872	1995	1832	1838	1802	1520
Sioux	3989	3949	4280	3930	4075	3635	3446	2717	3568	3652	4058	3761	3858	3405	3173	2433
Story	8194	7750	7765	7566	8862	8134	7819	6415	6650	6484	6831	7195	7931	7399	7134	5832
Tama	2343	2194	2585	2607	2628	2684	2783	2664	1773	1809	2309	2420	2381	2427	2513	2380
Taylor	827	881	1031	1063	1086	1132	1408	1444	666	747	919	983	1001	1052	1308	1317
Union	1505	1686	1845	1723	1849	1816	1960	1935	1088	1286	1582	1554	1696	1648	1762	1734
Van Buren	948	978	1142	1059	1216	1189	1283	1321	739	825	1033	981	1115	1100	1164	1190
Wapello	4530	4700	5225	5595	5267	5435	6050	5641	3177	3570	4418	5048	4612	4834	5416	5046
Warren	5790	5353	5587	4259	5424	4597	3750	2642	4547	4458	4927	4025	4935	4211	3459	2434
Washington	2618	2568	2682	2541	3010	2721	2758	2364	2125	2165	2398	2398	2731	2462	2477	2104
Wayne	809	826	979	996	1110	1236	1436	1455	621	698	881	931	1020	1167	1312	1334
Webster	5016	5352	6187	6699	5284	5576	6004	5350	3546	4081	5246	6040	4675	4985	5330	4647
Winnebago	1482	1558	1696	1735	1700	1713	1806	1587	1155	1336	1515	1638	1547	1571	1655	1376
Winneshiek	2438	2462	2704	2583	2750	2659	2536	2331	2046	2188	2499	2447	2507	2389	2213	1984
Woodbury	14083	13544	14000	13987	12349	12190	12705	11603	9796	10211	11563	12525	10536	10564	11078	10058
Worth	1025	1025	1189	1204	1239	1271	1352	1242	797	874	1058	1142	1108	1153	1186	1079
Wright	1740	1810	2108	2388	2199	2271	2498	2245	1360	1523	1887	2230	2045	2111	2283	2005
State of Iowa	376433	365103	396055	385919	393251	375716	374228	327571	282572	293089	342301	355048	350682	336804	334826	290034

Table 3. Families of Female or Male Householders With No Spouse Present by Presence of Related Children in Iowa's Counties, 1970-2000.

County	Families of Female Householders With No Husband Present								Families of Male Householders With No Wife Present							
	With Related Children				With No Related Children				With Related Children				With No Related Children			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Adair	148	108	81	39	47	55	60	74	72	34	13	12	36	35	38	42
Adams	70	56	75	38	32	34	46	63	34	16	12	7	17	19	27	34
Allamakee	233	173	146	97	142	126	162	170	130	72	31	26	85	83	102	111
Appanoose	352	331	283	156	155	148	187	197	145	68	44	18	81	75	79	102
Audubon	115	84	71	62	40	47	62	70	43	15	21	7	25	29	41	43
Benton	456	402	278	170	179	181	177	161	215	104	60	39	94	81	90	95
Black Hawk	3915	3592	2971	1586	1469	1310	1282	990	944	662	419	212	675	503	547	412
Boone	566	475	336	223	248	235	243	248	180	118	66	33	120	90	103	113
Bremer	408	291	221	104	142	125	154	179	144	79	60	29	90	80	91	89
Buchanan	413	401	304	172	174	153	188	158	184	127	55	45	89	70	71	95
Buena Vista	392	298	208	155	151	107	140	164	180	69	35	23	92	68	84	98
Butler	266	191	123	99	122	133	156	149	120	72	37	19	82	60	81	83
Calhoun	207	149	145	106	92	89	126	123	63	46	24	21	41	40	61	80
Carroll	411	299	234	163	170	200	205	226	155	82	44	35	100	96	111	120
Cass	333	243	225	128	107	99	119	143	130	74	42	13	59	58	81	102
Cedar	331	269	245	108	147	142	147	146	176	108	42	24	83	69	101	93
Cerro Gordo	1231	1120	836	522	537	491	522	530	392	222	117	69	186	178	186	166
Cherokee	240	233	172	118	112	99	133	163	116	58	41	10	49	59	64	75
Chickasaw	238	184	178	86	88	108	140	134	109	68	34	21	60	59	73	91
Clarke	221	158	130	53	77	69	55	67	82	40	15	14	46	34	32	48
Clay	374	333	271	170	121	144	158	153	160	87	48	25	80	38	79	51
Clayton	310	215	203	115	141	157	186	202	176	94	45	34	107	92	119	137
Clinton	1395	1256	926	546	584	558	533	526	454	295	175	91	270	256	238	249
Crawford	329	261	206	131	119	134	148	150	157	98	45	21	115	84	103	123
Dallas	912	605	477	241	328	256	230	202	344	184	96	48	141	127	99	87
Davis	105	113	74	43	61	61	50	51	77	37	21	16	31	31	38	51
Decatur	184	135	128	63	55	43	79	86	56	39	20	9	43	31	37	49
Delaware	295	243	165	106	127	158	161	134	144	60	47	36	84	85	109	100
Des Moines	1303	1153	908	576	505	523	515	540	411	273	134	74	213	182	186	191
Dickinson	330	256	215	85	145	119	99	104	106	72	38	12	76	57	44	56
Dubuque	1986	1571	1282	681	930	1038	1040	988	600	323	223	167	459	415	433	426
Emmet	231	202	141	116	115	105	127	129	72	56	34	22	44	41	51	42
Fayette	451	304	246	169	201	197	216	241	190	111	47	43	123	102	154	147
Floyd	401	320	270	147	127	128	139	164	151	80	43	26	91	58	72	73
Franklin	195	163	149	96	82	99	119	116	89	47	32	16	52	47	60	60
Fremont	182	132	119	64	79	78	86	80	66	39	23	18	32	37	42	52
Greene	219	172	157	120	83	80	103	116	102	42	26	23	44	35	43	59
Grundy	184	144	123	71	88	80	111	106	89	49	28	9	43	39	55	71
Guthrie	196	162	143	77	108	104	91	109	116	58	32	14	46	43	55	58
Hamilton	346	276	245	159	164	155	171	163	134	76	39	34	82	63	82	101
Hancock	211	181	132	85	75	90	103	109	99	69	35	16	72	49	73	83
Hardin	363	285	231	166	135	135	181	209	160	91	52	23	68	56	86	96
Harrison	321	249	225	161	141	136	142	156	124	71	30	26	91	60	76	83
Henry	452	347	258	140	170	147	167	162	173	90	44	28	76	93	78	66
Howard	179	132	83	76	82	65	103	129	74	38	19	18	58	70	84	104
Humboldt	190	159	143	102	84	75	88	100	99	35	27	11	46	47	54	48
Ida	125	96	66	42	64	44	62	56	53	18	16	6	33	38	50	50
Iowa	282	184	146	77	124	158	153	133	119	53	37	16	69	68	84	95
Jackson	424	357	268	134	195	209	193	182	167	87	54	28	102	115	113	139
Jasper	773	626	535	300	314	271	243	245	328	210	100	56	138	112	112	114

Table 3. Families of Female or Male Householders With No Spouse Present by Presence of Related Children in Iowa's Counties, 1970-2000 (continued).

County	Families of Female Householders With No Husband Present								Families of Male Householders With No Wife Present							
	With Related Children				With No Related Children				With Related Children				With No Related Children			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Jefferson	414	339	204	134	117	127	128	120	147	82	49	20	68	57	69	75
Johnson	2056	1567	1216	554	939	837	674	521	652	304	183	72	596	451	354	237
Jones	424	324	234	171	170	166	171	190	142	102	62	28	104	75	98	106
Keokuk	199	185	112	68	99	102	115	135	103	71	33	23	48	56	69	82
Kossuth	271	220	227	140	135	149	178	201	98	75	43	27	74	60	131	139
Lee	1096	1018	797	505	473	435	469	523	368	236	127	73	173	153	171	211
Linn	5003	3721	3207	1806	1939	1815	1583	1374	1636	961	593	278	929	780	654	527
Louisa	271	221	193	68	100	91	79	89	128	87	54	26	50	49	55	58
Lucas	182	181	165	97	85	66	92	106	84	41	26	14	48	36	37	65
Lyon	132	96	80	64	61	75	100	103	56	25	14	21	45	43	54	65
Madison	268	222	119	70	105	78	91	93	93	55	35	16	54	32	53	53
Mahaska	490	419	331	196	175	157	170	186	195	104	35	30	79	82	95	107
Marion	579	497	386	217	246	211	208	231	243	136	74	40	108	91	103	88
Marshall	1050	852	695	377	379	381	353	335	361	179	93	62	172	160	146	139
Mills	349	297	172	84	123	119	107	94	123	68	38	18	60	40	40	50
Mitchell	168	116	89	84	77	83	113	105	80	35	27	23	47	44	68	83
Monona	190	170	136	94	108	101	121	105	96	60	23	31	48	53	72	75
Monroe	196	155	98	72	80	87	112	121	70	43	17	14	50	48	58	73
Montgomery	303	264	186	112	123	105	141	150	117	59	30	16	60	47	55	74
Muscatine	1066	978	739	376	400	383	360	350	448	273	130	57	208	176	152	144
O'Brien	196	183	130	102	97	94	142	153	111	47	26	14	60	43	49	98
Osceola	95	84	79	48	48	42	56	48	44	17	17	9	33	28	38	44
Page	384	324	270	153	161	166	184	224	118	89	47	27	73	54	66	78
Palo Alto	153	138	120	85	88	75	103	117	72	34	16	17	44	36	54	69
Plymouth	411	298	224	180	169	175	210	185	200	77	36	31	96	88	129	149
Pocahontas	158	105	119	82	57	64	97	123	68	37	20	13	39	50	72	84
Polk	10833	8928	7181	4302	4501	4309	3733	2914	3192	1816	985	470	2020	1567	1217	935
Pottawattamie	2775	2441	1962	1080	1224	1060	980	803	945	517	251	160	540	417	386	369
Poweshiek	403	307	252	125	148	151	166	177	130	81	37	23	71	61	79	69
Ringgold	94	75	63	42	30	35	52	41	44	25	12	19	29	23	26	33
Sac	199	151	117	104	96	114	109	118	84	65	22	28	51	37	67	96
Scott	5272	4751	3426	1714	1807	1651	1381	1228	1428	939	607	250	808	693	724	493
Shelby	254	171	137	86	100	98	107	121	70	42	26	25	57	44	72	78
Sioux	309	235	191	140	135	136	176	194	112	62	31	29	82	94	97	90
Story	1165	1047	792	374	572	447	430	374	379	219	142	47	359	288	255	164
Tama	398	278	230	148	165	166	179	177	172	107	46	39	82	91	91	107
Taylor	106	103	97	59	62	56	77	83	55	31	15	21	23	24	23	44
Union	310	331	226	146	110	109	135	138	107	69	37	23	43	59	63	63
Van Buren	130	107	79	56	61	66	70	71	79	46	30	22	40	23	49	60
Wapello	1031	918	706	486	439	443	467	449	322	212	101	61	216	158	167	146
Warren	943	742	560	196	345	273	194	128	300	153	100	38	144	113	97	80
Washington	350	305	241	123	193	172	202	193	143	98	43	20	86	87	79	67
Wayne	129	94	84	55	52	45	81	74	59	34	14	10	38	24	43	47
Webster	1095	1033	816	566	415	419	472	506	375	238	125	93	194	172	202	197
Winnebago	249	183	150	81	91	97	105	138	78	39	31	16	62	45	46	73
Winneshiek	282	216	169	98	146	156	185	198	110	58	36	38	97	114	138	149
Woodbury	3206	2700	2151	1275	1206	1158	1185	1125	1081	633	286	187	607	468	442	420
Worth	156	109	114	53	84	80	98	82	72	42	17	9	47	38	68	81
Wright	266	223	178	128	103	107	140	145	114	64	43	30	51	53	75	95
State of Iowa	69853	58111	46047	26570	28417	27030	26982	25455	24008	13903	7707	4301	14152	11882	12420	12082

percent reported for 1970. The number of married-couple families without children increased by more than 60,000 during the same 30-year period. In every county, married couples were the least likely family type to report related children in 2000.

The other two family types also varied substantially across the decades when those with and without related children were compared. For example, families of female householders with related children increased by more than 43,000 when 1970 and 2000 were compared (Table 3); those without related children gained by less than 3,000, however. In 2000, more than 7 of every 10 (71.1%) female householder families with no husband present had related children; that was a 20 percentage-point gain from 1970, when half (51.1%) of these families had related children. Similarly, gains occurred in the percentage of families of male householders with no wife present but with related children. More than three-fifths (62.9%) of the male householder families (no wife present) had related children as of the 2000 census (Table 3). That represented a gain of nearly 37 percentage points from the 26.3 percent reported in 1970. Families of male householders with no wife present with related children increased by more than 19,000 over the 30 years reported in Table 3; in contrast, the gain was about 2,000 for those with no related children.

Family Type of Own Children in Iowa's Counties: 1970-2000

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Nearly 734,000 children under the age of 18 were counted in Iowa in the 2000 census. Of these children, 686,000 were defined as "own children" by the U.S. Bureau of the Census. A child under 18 years of age who is a son or daughter by birth, marriage (a stepchild), or adoption is counted as an own child according to this definition; foster children, daughters-in-law, sons-in-law, grandchildren, nephews, and nieces, among others, are excluded.

The number of own children increased by 4,000 between 1990 and 2000 after substantial declines in the 1980s (-104,000) and 1970s (-150,000) (Table 1). In the most recent decade, 30 counties reported gains in own children, with increases exceeding 1,000 in Dallas, Johnson, Linn, and Polk. Among the 69 counties with declines, only Black Hawk decreased by more than 1,000. Nearly half (45) of the counties had changes of less than 200 in either direction, however. From 1970 to 2000, the changes across counties were much greater. All but six counties (Clarke, Dallas, Johnson, Madison, Mills, Warren) had fewer own children in 2000 than 30 years earlier. Of the 93 counties with declines among own children, 75 had at least 1,000 fewer in 2000 than in 1970. Decreases in the numbers of own children were at least 50.0 percent in Kossuth and Pocahontas across the last 30 years.

Own Children in Married-Couple Families

In 2000, 541,100 (78.9%) of all own children lived in married-couple families (Tables 1, 2). Decreases occurred in both numerical and percentage terms from the previous census (568,800 and 83.4%, respectively). These declines mirror those reported in earlier censuses; in 1970, 866,800 (92.6%) own children lived in married-couple families. The decrease in own children living in married-couple families was particularly severe during the 1970s, when the decline was greater than 176,000; another 122,000 decrease occurred in the 1980s.

Only seven counties (Black Hawk, Des Moines, Lee, Pottawattamie, Scott, Wapello, Woodbury) reported that fewer than 75 percent of their own children resided in married-couple families in 2000. At the same time, Lyon and Sioux each had at least 90 percent of their own children in that family type. Thirty years earlier, only Polk had less than 90 percent of its own children in married-couple families; indeed, 29 counties had percentages of at least 95 in 1970.

Own Children in Other Family Types

While the number and percentage of children living in married-couple families declined, the numbers of children in other family types rose the last few decades. In 2000, 110,152 (16.1%) own children lived in families of female householders with no husband present. This was an increase of 16,600 from 1990 and nearly a doubling of the 1970 figure. Since 1980, more than 10 percent of own children have been in this family arrangement in this state. In the counties, percentages in 2000 ranged from less than 10 (Davis, Delaware, Grundy, Lyon, O'Brien, Osceola, Sioux, Winneshiek) to more than 20 (Black Hawk, Des Moines, Lee, Pottawattamie, Scott, Wapello, Woodbury). In 1970, only Polk had at least 10 percent of its own children in families of female householders with no husband present.

Although constituting only 5.1 percent of own children, the number living in families of male householders with no wife present increased by nearly 25,800 from 1970 (9,100) to 2000 (34,900). That marked a 285 percent growth in this population across 30 years. Only in Appanoose and Guthrie did this family type include as much as 7 percent of all own children in 2000. In Carroll, Ida, Kossuth, Lyon,

Table 1. Own Children by Family Type in Iowa's Counties, 1970-2000.

County	Own Children				Own Children in Married-Couple Families				Own Children in Families of Female Householders With No Husband Present				Own Children in Families of Male Householders With No Wife Present			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Adair	1877	2050	2472	2916	1534	1801	2293	2812	234	190	155	69	109	59	24	35
Adams	1011	1141	1464	1880	844	1021	1304	1779	114	96	140	83	53	24	20	18
Allamakee	3521	3651	4424	5304	2955	3259	4091	5020	381	289	280	224	185	103	53	60
Appanoose	3032	3278	3999	4203	2282	2605	3414	3820	531	567	526	340	219	106	59	43
Audubon	1704	1816	2277	3262	1441	1654	2093	3121	195	140	147	126	68	22	37	15
Benton	6564	5899	6749	7868	5480	5054	6153	7406	761	697	496	389	323	148	100	73
Black Hawk	27121	29437	36760	45009	19479	22548	30617	40686	6306	5941	5486	3844	1336	948	657	479
Boone	6069	5898	6359	7711	4937	4968	5682	7152	876	743	571	488	256	187	106	71
Bremer	5359	5537	7036	7500	4489	4954	6564	7231	658	477	368	210	212	106	104	59
Buchanan	5672	6092	7238	8215	4722	5240	6571	7726	679	660	571	380	271	192	96	109
Buena Vista	4804	4962	5216	6753	3858	4348	4787	6367	682	511	376	333	264	103	53	53
Butler	3589	4025	4959	5571	2971	3590	4678	5332	436	324	209	195	182	111	72	44
Calhoun	2433	2791	3455	4580	2000	2457	3160	4326	335	269	262	216	98	65	33	38
Carroll	5586	6230	7197	8995	4665	5595	6704	8550	701	504	413	375	220	131	80	70
Cass	3317	3713	4352	5280	2627	3189	3901	4971	502	411	388	288	188	113	63	21
Cedar	4381	4463	5159	5882	3596	3834	4670	5582	516	450	432	261	269	179	57	39
Cerro Gordo	10420	11017	11961	15744	7937	8952	10367	14496	1915	1762	1412	1112	568	303	182	136
Cherokee	2999	3629	4316	5981	2440	3149	3947	5695	382	384	313	258	177	96	56	28
Chickasaw	3296	3628	4767	5645	2726	3209	4379	5383	406	315	332	204	164	104	56	58
Clarke	2227	2094	2263	2138	1733	1742	1998	1999	363	282	241	105	131	70	24	34
Clay	4092	4649	5366	6168	3258	3994	4847	5758	615	532	444	358	219	123	75	52
Clayton	4520	5139	6013	7096	3717	4601	5570	6762	509	385	381	247	294	153	62	87
Clinton	11973	12944	16248	19483	9145	10547	14290	18051	2173	1988	1688	1207	655	409	270	225
Crawford	4063	4385	5513	6599	3278	3757	5072	6251	563	481	369	308	222	147	72	40
Dallas	10974	7925	8479	8730	9028	6703	7506	8087	1438	967	826	530	508	255	147	113
Davis	2191	2168	2517	2510	1887	1934	2334	2375	169	178	147	95	135	56	36	40
Decatur	1850	1845	2243	2490	1485	1586	1966	2347	285	206	251	128	80	53	26	15
Delaware	5156	5403	6228	7564	4442	4864	5826	7250	499	446	320	234	215	93	82	80
Des Moines	9509	10346	12318	15003	6892	8023	10467	13580	2014	1920	1656	1274	603	403	195	149
Dickinson	3439	3315	4007	3886	2786	2814	3597	3684	500	404	356	181	153	97	54	21
Dubuque	21759	22584	29058	35187	17687	19581	26295	33012	3177	2529	2339	1762	895	474	424	413
Emmet	2403	2877	3731	4764	1929	2433	3393	4453	376	352	281	260	98	92	57	51
Fayette	5229	5592	7218	9195	4158	4898	6698	8706	781	521	444	400	290	173	76	89

Table 1. Own Children by Family Type in Iowa's Counties, 1970-2000 (continued).

County	Own Children				Own Children in Married-Couple Families				Own Children in Families of Female Householders With No Husband Present				Own Children in Families of Male Householders With No Wife Present			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Floyd	4039	4185	5527	6614	3162	3547	4962	6228	647	515	485	314	230	123	80	72
Franklin	2460	2837	3387	4147	2010	2498	3042	3889	308	260	283	217	142	79	62	41
Fremont	1881	2015	2394	2711	1488	1740	2134	2533	298	216	223	138	95	59	37	40
Greene	2547	2364	3198	4049	2025	2027	2860	3737	353	282	294	254	169	55	44	58
Grundy	2993	3001	4002	4615	2570	2691	3733	4465	291	236	219	135	132	74	50	15
Guthrie	2489	2598	3084	3742	2007	2241	2774	3546	308	266	255	167	174	91	55	29
Hamilton	3983	3885	4721	5981	3230	3346	4217	5576	538	435	434	343	215	104	70	62
Hancock	3081	3438	3947	4493	2599	3036	3636	4296	327	295	246	168	155	107	65	29
Hardin	4190	4358	5363	6593	3373	3799	4847	6179	579	437	438	379	238	122	78	35
Harrison	3859	3753	4490	5268	3148	3220	4023	4816	523	428	415	399	188	105	52	53
Henry	4725	4623	4836	5381	3744	3952	4324	5038	721	547	447	281	260	124	65	62
Howard	2533	2581	3122	3959	2120	2291	2937	3740	298	229	143	171	115	61	42	48
Humboldt	2463	2679	3240	4381	2028	2374	2944	4121	286	252	253	244	149	53	43	16
Ida	1902	2260	2366	3026	1620	2074	2205	2921	208	160	129	85	74	26	32	20
Iowa	3986	3601	4078	5229	3344	3227	3749	5034	459	294	262	161	183	80	67	34
Jackson	5023	5371	7021	7798	4096	4636	6418	7452	688	595	512	283	239	140	91	63
Jasper	8647	8438	9865	11871	6966	7171	8714	11113	1188	969	1002	641	493	298	149	117
Jefferson	3729	3812	3806	4547	2873	3192	3394	4243	647	511	345	266	209	109	67	38
Johnson	21356	18658	17166	20084	17308	15890	14926	18814	3148	2334	1953	1127	900	434	287	143
Jones	4565	4706	5750	6770	3632	4047	5189	6307	699	510	440	400	234	149	121	63
Keokuk	2780	2863	3358	4443	2297	2469	3096	4232	332	287	196	169	151	107	66	42
Kossuth	4304	5060	6455	8600	3691	4569	5971	8210	472	363	400	332	141	128	84	58
Lee	8536	9341	11378	13655	6254	7370	9745	12395	1738	1646	1431	1116	544	325	202	144
Linn	45307	39816	46809	56782	35291	32874	40093	52292	7647	5643	5762	3956	2369	1299	954	534
Louisa	3063	2986	3528	3575	2470	2468	3045	3352	408	370	392	168	185	148	91	55
Lucas	2218	2137	2611	3035	1789	1785	2255	2809	305	296	317	200	124	56	39	26
Lyon	3198	3555	3936	5053	2912	3337	3772	4852	201	178	141	149	85	40	23	52
Madison	3632	3312	3517	3557	3092	2876	3265	3379	418	355	196	148	122	81	56	30
Mahaska	5430	5351	5775	6306	4353	4530	5139	5819	781	685	586	428	296	136	50	59
Marion	7756	7373	7810	7828	6465	6370	6995	7264	913	838	697	487	378	165	118	77
Marshall	9098	9118	11080	13369	6893	7513	9700	12464	1653	1352	1247	782	552	253	133	123
Mills	3578	3363	3573	3302	2834	2769	3186	3090	570	491	329	178	174	103	58	34
Mitchell	2789	2768	3475	4760	2357	2525	3271	4490	291	201	157	217	141	42	47	53

Table 1. Own Children by Family Type in Iowa's Counties, 1970-2000 (continued).

County	Own Children				Own Children in Married-Couple Families				Own Children in Families of Female Householders With No Husband Present				Own Children in Families of Male Householders With No Wife Present			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Monona	2138	2328	2912	3749	1721	1969	2638	3460	273	272	236	220	144	87	38	69
Monroe	1903	1947	2339	2842	1487	1627	2136	2653	306	258	167	159	110	62	36	30
Montgomery	2753	2809	3308	3648	2119	2337	2933	3378	474	398	330	236	160	74	45	34
Muscatine	10282	10507	11750	12379	8013	8497	10198	11423	1648	1590	1340	830	621	420	212	126
O'Brien	3622	4000	4533	5979	3127	3618	4295	5729	333	313	198	224	162	69	40	26
Osceola	1764	1928	2351	3039	1545	1751	2192	2924	152	154	133	100	67	23	26	15
Page	3547	4053	4681	4925	2761	3362	4150	4575	592	567	461	303	194	124	70	47
Palo Alto	2345	2765	3526	4659	1974	2467	3270	4447	258	242	228	174	113	56	28	38
Plymouth	6766	6574	7261	8641	5790	5986	6795	8140	674	482	398	434	302	106	68	67
Pocahontas	2112	2391	3071	4434	1750	2181	2800	4204	257	157	236	198	105	53	35	32
Polk	88711	76287	78278	92639	67760	60179	63932	82168	16459	13678	12781	9539	4492	2430	1565	932
Pottawattamie	20415	20762	24416	30719	14831	16306	20313	27876	4235	3771	3696	2528	1349	685	407	315
Poweshiek	4043	4498	4865	5822	3188	3860	4352	5481	656	520	456	287	199	118	57	54
Ringgold	1242	1234	1431	1786	1006	1083	1304	1661	171	116	112	86	65	35	15	39
Sac	2672	3170	3703	5148	2190	2775	3449	4871	349	286	215	218	133	109	39	59
Scott	38514	39457	46577	50930	28087	30251	39160	46155	8497	7879	6449	4242	1930	1327	968	533
Shelby	3361	3478	4458	5861	2841	3117	4143	5648	420	298	269	165	100	63	46	48
Sioux	8354	8763	9279	10184	7631	8268	8895	9812	544	401	333	316	179	94	51	56
Story	14612	14195	14430	16507	12327	12252	12892	15732	1771	1620	1310	685	514	323	228	90
Tama	4331	4209	5277	6499	3428	3614	4761	6070	648	443	436	356	255	152	80	73
Taylor	1555	1733	2050	2406	1282	1499	1852	2248	186	184	174	125	87	50	24	33
Union	2710	3142	3633	4094	2057	2471	3187	3721	497	581	394	328	156	90	52	45
Van Buren	1815	1932	2330	2578	1476	1678	2118	2397	221	188	161	138	118	66	51	43
Wapello	7636	8062	9852	12769	5613	6376	8458	11597	1579	1399	1245	1051	444	287	149	121
Warren	10404	9741	10948	10107	8536	8387	9771	9631	1415	1135	1003	406	453	219	174	70
Washington	5116	5038	5562	6319	4352	4393	5053	6019	539	476	431	254	225	169	78	46
Wayne	1517	1551	1876	2222	1206	1347	1697	2085	228	156	155	114	83	48	24	23
Webster	9121	9918	12126	16554	6851	7879	10429	15015	1757	1696	1506	1331	513	343	191	208
Winnebago	2721	2995	3326	3947	2220	2636	2999	3770	391	298	276	146	110	61	51	31
Winneshiek	4760	4982	5855	7227	4169	4531	5484	6895	425	360	301	240	166	91	70	92
Woodbury	25871	25702	27430	33981	19051	20149	23066	30649	5228	4641	3921	2933	1592	912	443	399
Worth	1831	1929	2310	2795	1487	1673	2091	2660	244	190	188	112	100	66	31	23
Wright	3329	3348	4179	5586	2753	2888	3770	5236	410	375	340	280	166	85	69	70
State of Iowa	686153	682157	785953	935611	541078	568765	690378	866796	110152	93521	83128	59745	34923	19871	12447	9070

Table 2. Percent Own Children by Family Type and Own Children as a Percent of All Residents Under 18 in Iowa's Counties, 1970-2000.

County	Percent of Own Children Living in Married-Couple Families				Percent of Own Children Living in Families of Female Householders With No Husband Present				Percent of Own Children Living in Families of Male Householders With No Wife Present				Own Children as a Percent of All Residents Under 18			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Adair	81.7	87.9	92.8	96.4	12.5	9.3	6.3	2.4	5.8	2.9	1.0	1.2	95.4	97.1	97.0	97.3
Adams	83.5	89.5	89.1	94.6	11.3	8.4	9.6	4.4	5.2	2.1	1.4	1.0	94.2	96.0	96.8	96.2
Allamakee	83.9	89.3	92.5	94.6	10.8	7.9	6.3	4.2	5.3	2.8	1.2	1.1	94.4	96.7	95.9	96.8
Appanoose	75.3	79.5	85.4	90.9	17.5	17.3	13.2	8.1	7.2	3.2	1.5	1.0	93.1	94.8	93.7	95.1
Audubon	84.6	91.1	91.9	95.7	11.4	7.7	6.5	3.9	4.0	1.2	1.6	0.5	96.2	97.0	96.4	97.2
Benton	83.5	85.7	91.2	94.1	11.6	11.8	7.3	4.9	4.9	2.5	1.5	0.9	94.8	94.9	95.1	95.3
Black Hawk	71.8	76.6	83.3	90.4	23.3	20.2	14.9	8.5	4.9	3.2	1.8	1.1	91.8	93.7	94.2	95.4
Boone	81.3	84.2	89.4	92.8	14.4	12.6	9.0	6.3	4.2	3.2	1.7	0.9	93.2	95.6	93.9	91.9
Bremer	83.8	89.5	93.3	96.4	12.3	8.6	5.2	2.8	4.0	1.9	1.5	0.8	95.2	96.1	96.9	97.2
Buchanan	83.3	86.0	90.8	94.0	12.0	10.8	7.9	4.6	4.8	3.2	1.3	1.3	94.0	94.9	94.8	95.6
Buena Vista	80.3	87.6	91.8	94.3	14.2	10.3	7.2	4.9	5.5	2.1	1.0	0.8	92.8	95.9	96.3	97.1
Butler	82.8	89.2	94.3	95.7	12.1	8.0	4.2	3.5	5.1	2.8	1.5	0.8	96.1	97.0	96.3	96.8
Calhoun	82.2	88.0	91.5	94.5	13.8	9.6	7.6	4.7	4.0	2.3	1.0	0.8	94.9	96.6	96.5	97.5
Carroll	83.5	89.8	93.1	95.1	12.5	8.1	5.7	4.2	3.9	2.1	1.1	0.8	96.8	98.0	97.9	98.1
Cass	79.2	85.9	89.6	94.1	15.1	11.1	8.9	5.5	5.7	3.0	1.4	0.4	95.1	95.7	96.3	96.7
Cedar	82.1	85.9	90.5	94.9	11.8	10.1	8.4	4.4	6.1	4.0	1.1	0.7	95.1	96.3	94.7	96.7
Cerro Gordo	76.2	81.3	86.7	92.1	18.4	16.0	11.8	7.1	5.5	2.8	1.5	0.9	94.3	95.2	95.7	95.7
Cherokee	81.4	86.8	91.5	95.2	12.7	10.6	7.3	4.3	5.9	2.6	1.3	0.5	93.4	94.8	95.1	96.8
Chickasaw	82.7	88.5	91.9	95.4	12.3	8.7	7.0	3.6	5.0	2.9	1.2	1.0	96.3	97.1	97.4	97.6
Clarke	77.8	83.2	88.3	93.5	16.3	13.5	10.6	4.9	5.9	3.3	1.1	1.6	92.7	96.6	95.5	93.7
Clay	79.6	85.9	90.3	93.4	15.0	11.4	8.3	5.8	5.4	2.6	1.4	0.8	95.4	96.8	96.3	96.8
Clayton	82.2	89.5	92.6	95.3	11.3	7.5	6.3	3.5	6.5	3.0	1.0	1.2	95.5	96.6	96.3	97.5
Clinton	76.4	81.5	87.9	92.7	18.1	15.4	10.4	6.2	5.5	3.2	1.7	1.2	93.2	95.0	95.5	95.4
Crawford	80.7	85.7	92.0	94.7	13.9	11.0	6.7	4.7	5.5	3.4	1.3	0.6	90.4	95.0	95.0	97.0
Dallas	82.3	84.6	88.5	92.6	13.1	12.2	9.7	6.1	4.6	3.2	1.7	1.3	95.5	95.6	96.3	96.1
Davis	86.1	89.2	92.7	94.6	7.7	8.2	5.8	3.8	6.2	2.6	1.4	1.6	94.6	95.8	96.1	96.6
Decatur	80.3	86.0	87.7	94.3	15.4	11.2	11.2	5.1	4.3	2.9	1.2	0.6	92.4	95.1	94.4	95.4
Delaware	86.2	90.0	93.5	95.8	9.7	8.3	5.1	3.1	4.2	1.7	1.3	1.1	96.7	97.5	97.2	97.6
Des Moines	72.5	77.5	85.0	90.5	21.2	18.6	13.4	8.5	6.3	3.9	1.6	1.0	92.1	94.5	94.2	95.3
Dickinson	81.0	84.9	89.8	94.8	14.5	12.2	8.9	4.7	4.4	2.9	1.3	0.5	95.6	94.6	96.0	96.5
Dubuque	81.3	86.7	90.5	93.8	14.6	11.2	8.0	5.0	4.1	2.1	1.5	1.2	95.5	96.5	97.0	97.5
Emmet	80.3	84.6	90.9	93.5	15.6	12.2	7.5	5.5	4.1	3.2	1.5	1.1	89.9	93.6	96.8	97.3
Fayette	79.5	87.6	92.8	94.7	14.9	9.3	6.2	4.4	5.5	3.1	1.1	1.0	95.2	96.7	96.7	96.9

Table 2. Percent Own Children by Family Type and Own Children as a Percent of All Residents Under 18 in Iowa's Counties, 1970-2000 (continued).

County	Percent of Own Children Living in Married-Couple Families				Percent of Own Children Living in Families of Female Householders With No Husband Present				Percent of Own Children Living in Families of Male Householders With No Wife Present				Own Children as a Percent of All Residents Under 18			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Floyd	78.3	84.8	89.8	94.2	16.0	12.3	8.8	4.7	5.7	2.9	1.4	1.1	95.1	94.6	96.1	96.7
Franklin	81.7	88.1	89.8	93.8	12.5	9.2	8.4	5.2	5.8	2.8	1.8	1.0	94.9	97.0	96.8	97.3
Fremont	79.1	86.4	89.1	93.4	15.8	10.7	9.3	5.1	5.1	2.9	1.5	1.5	93.6	93.9	93.6	93.1
Greene	79.5	85.7	89.4	92.3	13.9	11.9	9.2	6.3	6.6	2.3	1.4	1.4	95.9	95.1	96.5	96.0
Grundy	85.9	89.7	93.3	96.7	9.7	7.9	5.5	2.9	4.4	2.5	1.2	0.3	96.0	97.5	97.6	97.7
Guthrie	80.6	86.3	89.9	94.8	12.4	10.2	8.3	4.5	7.0	3.5	1.8	0.8	93.0	95.4	96.3	96.1
Hamilton	81.1	86.1	89.3	93.2	13.5	11.2	9.2	5.7	5.4	2.7	1.5	1.0	95.2	95.2	96.1	96.7
Hancock	84.4	88.3	92.1	95.6	10.6	8.6	6.2	3.7	5.0	3.1	1.6	0.6	96.0	96.5	97.4	97.5
Hardin	80.5	87.2	90.4	93.7	13.8	10.0	8.2	5.7	5.7	2.8	1.5	0.5	90.2	91.3	91.3	92.6
Harrison	81.6	85.8	89.6	91.4	13.6	11.4	9.2	7.6	4.9	2.8	1.2	1.0	93.9	94.8	94.2	95.3
Henry	79.2	85.5	89.4	93.6	15.3	11.8	9.2	5.2	5.5	2.7	1.3	1.2	94.2	95.4	94.4	94.4
Howard	83.7	88.8	94.1	94.5	11.8	8.9	4.6	4.3	4.5	2.4	1.3	1.2	96.9	98.2	98.0	97.6
Humboldt	82.3	88.6	90.9	94.1	11.6	9.4	7.8	5.6	6.0	2.0	1.3	0.4	95.5	97.7	96.3	97.1
Ida	85.2	91.8	93.2	96.5	10.9	7.1	5.5	2.8	3.9	1.2	1.4	0.7	95.2	96.8	97.6	96.9
Iowa	83.9	89.6	91.9	96.3	11.5	8.2	6.4	3.1	4.6	2.2	1.6	0.7	96.3	96.2	95.8	96.9
Jackson	81.5	86.3	91.4	95.6	13.7	11.1	7.3	3.6	4.8	2.6	1.3	0.8	95.3	96.5	96.6	96.7
Jasper	80.6	85.0	88.3	93.6	13.7	11.5	10.2	5.4	5.7	3.5	1.5	1.0	94.3	94.7	96.0	96.6
Jefferson	77.0	83.7	89.2	93.3	17.4	13.4	9.1	5.9	5.6	2.9	1.8	0.8	94.5	95.6	93.7	95.9
Johnson	81.0	85.2	87.0	93.7	14.7	12.5	11.4	5.6	4.2	2.3	1.7	0.7	95.7	96.4	95.6	96.9
Jones	79.6	86.0	90.2	93.2	15.3	10.8	7.7	5.9	5.1	3.2	2.1	0.9	93.7	94.3	95.9	96.1
Keokuk	82.6	86.2	92.2	95.3	11.9	10.0	5.8	3.8	5.4	3.7	2.0	0.9	94.8	94.8	95.7	96.4
Kossuth	85.8	90.3	92.5	95.5	11.0	7.2	6.2	3.9	3.3	2.5	1.3	0.7	97.0	97.0	97.0	98.2
Lee	73.3	78.9	85.6	90.8	20.4	17.6	12.6	8.2	6.4	3.5	1.8	1.1	92.1	93.7	93.7	94.4
Linn	77.9	82.6	85.7	92.1	16.9	14.2	12.3	7.0	5.2	3.3	2.0	0.9	93.6	93.8	94.8	96.2
Louisa	80.6	82.7	86.3	93.8	13.3	12.4	11.1	4.7	6.0	5.0	2.6	1.5	90.6	94.4	94.9	95.2
Lucas	80.7	83.5	86.4	92.6	13.8	13.9	12.1	6.6	5.6	2.6	1.5	0.9	92.7	95.7	94.6	95.9
Lyon	91.1	93.9	95.8	96.0	6.3	5.0	3.6	2.9	2.7	1.1	0.6	1.0	97.1	98.4	98.1	98.4
Madison	85.1	86.8	92.8	95.0	11.5	10.7	5.6	4.2	3.4	2.4	1.6	0.8	95.5	96.2	95.6	96.1
Mahaska	80.2	84.7	89.0	92.3	14.4	12.8	10.1	6.8	5.5	2.5	0.9	0.9	94.6	95.1	95.8	95.3
Marion	83.4	86.4	89.6	92.8	11.8	11.4	8.9	6.2	4.9	2.2	1.5	1.0	95.5	96.0	95.3	96.5
Marshall	75.8	82.4	87.5	93.2	18.2	14.8	11.3	5.8	6.1	2.8	1.2	0.9	91.6	95.0	94.5	95.7
Mills	79.2	82.3	89.2	93.6	15.9	14.6	9.2	5.4	4.9	3.1	1.6	1.0	91.9	92.8	90.0	85.3
Mitchell	84.5	91.2	94.1	94.3	10.4	7.3	4.5	4.6	5.1	1.5	1.4	1.1	96.7	97.2	97.9	97.9

Table 2. Percent Own Children by Family Type and Own Children as a Percent of All Residents Under 18 in Iowa's Counties, 1970-2000 (continued).

County	Percent of Own Children Living in Married-Couple Families				Percent of Own Children Living in Families of Female Householders With No Husband Present				Percent of Own Children Living in Families of Male Householders With No Wife Present				Own Children as a Percent of All Residents Under 18			
	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970	2000	1990	1980	1970
Monona	80.5	84.6	90.6	92.3	12.8	11.7	8.1	5.9	6.7	3.7	1.3	1.8	91.9	94.8	95.1	96.0
Monroe	78.1	83.6	91.3	93.3	16.1	13.3	7.1	5.6	5.8	3.2	1.5	1.1	93.7	94.6	94.1	95.3
Montgomery	77.0	83.2	88.7	92.6	17.2	14.2	10.0	6.5	5.8	2.6	1.4	0.9	93.6	94.5	95.4	94.9
Muscatine	77.9	80.9	86.8	92.3	16.0	15.1	11.4	6.7	6.0	4.0	1.8	1.0	91.6	94.3	94.2	93.9
O'Brien	86.3	90.5	94.7	95.8	9.2	7.8	4.4	3.7	4.5	1.7	0.9	0.4	96.8	97.0	97.1	97.4
Osceola	87.6	90.8	93.2	96.2	8.6	8.0	5.7	3.3	3.8	1.2	1.1	0.5	96.6	97.4	97.6	98.4
Page	77.8	83.0	88.7	92.9	16.7	14.0	9.8	6.2	5.5	3.1	1.5	1.0	89.8	96.2	94.5	94.8
Palo Alto	84.2	89.2	92.7	95.4	11.0	8.8	6.5	3.7	4.8	2.0	0.8	0.8	96.1	97.1	96.7	96.9
Plymouth	85.6	91.1	93.6	94.2	10.0	7.3	5.5	5.0	4.5	1.6	0.9	0.8	96.1	96.8	96.9	97.4
Pocahontas	82.9	91.2	91.2	94.8	12.2	6.6	7.7	4.5	5.0	2.2	1.1	0.7	95.9	96.5	97.4	96.8
Polk	76.4	78.9	81.7	88.7	18.6	17.9	16.3	10.3	5.1	3.2	2.0	1.0	92.1	93.1	93.8	95.0
Pottawattamie	72.6	78.5	83.2	90.7	20.7	18.2	15.1	8.2	6.6	3.3	1.7	1.0	89.5	92.2	92.7	94.1
Poweshiek	78.9	85.8	89.5	94.1	16.2	11.6	9.4	4.9	4.9	2.6	1.2	0.9	94.9	96.5	95.8	95.7
Ringgold	81.0	87.8	91.1	93.0	13.8	9.4	7.8	4.8	5.2	2.8	1.0	2.2	94.4	95.1	94.8	96.6
Sac	82.0	87.5	93.1	94.6	13.1	9.0	5.8	4.2	5.0	3.4	1.1	1.1	96.1	96.7	96.9	96.6
Scott	72.9	76.7	84.1	90.6	22.1	20.0	13.8	8.3	5.0	3.4	2.1	1.0	91.7	93.5	94.4	95.9
Shelby	84.5	89.6	92.9	96.4	12.5	8.6	6.0	2.8	3.0	1.8	1.0	0.8	96.7	97.0	97.2	97.7
Sioux	91.3	94.4	95.9	96.3	6.5	4.6	3.6	3.1	2.1	1.1	0.5	0.5	97.5	98.0	97.6	98.3
Story	84.4	86.3	89.3	95.3	12.1	11.4	9.1	4.1	3.5	2.3	1.6	0.5	95.8	96.7	95.7	97.4
Tama	79.2	85.9	90.2	93.4	15.0	10.5	8.3	5.5	5.9	3.6	1.5	1.1	90.1	92.5	93.2	93.6
Taylor	82.4	86.5	90.3	93.4	12.0	10.6	8.5	5.2	5.6	2.9	1.2	1.4	93.4	95.1	95.4	95.9
Union	75.9	78.6	87.7	90.9	18.3	18.5	10.8	8.0	5.8	2.9	1.4	1.1	94.5	95.4	95.4	96.0
Van Buren	81.3	86.9	90.9	93.0	12.2	9.7	6.9	5.4	6.5	3.4	2.2	1.7	93.8	95.9	95.7	95.4
Wapello	73.5	79.1	85.9	90.8	20.7	17.4	12.6	8.2	5.8	3.6	1.5	0.9	90.9	94.1	93.2	94.0
Warren	82.0	86.1	89.2	95.3	13.6	11.7	9.2	4.0	4.4	2.2	1.6	0.7	94.7	95.6	96.1	97.1
Washington	85.1	87.2	90.8	95.3	10.5	9.4	7.7	4.0	4.4	3.4	1.4	0.7	94.9	95.9	96.1	96.3
Wayne	79.5	86.8	90.5	93.8	15.0	10.1	8.3	5.1	5.5	3.1	1.3	1.0	94.5	93.6	94.9	96.4
Webster	75.1	79.4	86.0	90.7	19.3	17.1	12.4	8.0	5.6	3.5	1.6	1.3	92.6	94.6	95.3	96.4
Winnebago	81.6	88.0	90.2	95.5	14.4	9.9	8.3	3.7	4.0	2.0	1.5	0.8	96.4	96.9	96.1	97.3
Winneshiek	87.6	90.9	93.7	95.4	8.9	7.2	5.1	3.3	3.5	1.8	1.2	1.3	97.1	97.1	97.4	97.4
Woodbury	73.6	78.4	84.1	90.2	20.2	18.1	14.3	8.6	6.2	3.5	1.6	1.2	91.1	93.2	94.0	95.4
Worth	81.2	86.7	90.5	95.2	13.3	9.8	8.1	4.0	5.5	3.4	1.3	0.8	95.3	97.3	96.5	96.7
Wright	82.7	86.3	90.2	93.7	12.3	11.2	8.1	5.0	5.0	2.5	1.7	1.3	94.9	96.1	96.6	96.8
State of Iowa	78.9	83.4	87.8	92.6	16.1	13.7	10.6	6.4	5.1	2.9	1.6	1.0	93.5	94.9	95.2	96.0

Madison, Osceola, Shelby, Sioux, Story, and Winneshiek, fewer than 4 percent of own children lived in families of male householders with no wife present. Percentages were even lower in previous decades.

Own Children as a Percentage of All Children

Not all children under the age of 18 were classified as own children in the census. In 2000, for example, nearly 47,500 youth under the age of 18 were not counted as own children. While some were foster children, grandchildren, and daughters- or sons-in-law and thus not related by birth to the householder, others are in group quarters rather than in families. In 2000, more than 9 of every 10 youth were defined as own children (Table 2). This percentage declined by about a percentage point between each census since 1970, when 96.0 percent of those under 18 were own children.

Only Emmet, Page, and Pottawattamie had less than 90 percent of their youth in the own children category as of 2000. With the exception of Mills in 1970, all counties reported that at least 90 percent of all residents under the age of 18 were own children as of the 1970, 1980, and 1990 censuses.

Occupancy and Tenure of Housing Units in Iowa's Counties:

1940-2000

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According to the 2000 census, more than 1,230,000 housing units were located in Iowa (Table 1). A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room occupied as separate living quarters or, if vacant, intended for occupancy as separate living quarters. As would be expected because of their large populations, the greatest numbers of housing units were located in Black Hawk, Linn, Polk, and Scott, each of which had at least 50,000 units. Another 21 counties included from 10,000 through 49,999 housing units. Fewer than 3,000 units were reported in Adams, Audubon, and Ringgold in 2000.

From 1990 to 2000, Iowa experienced moderate numerical (+88,842) and percentage (+7.8%) gains in housing units. Much of the statewide increase occurred in Polk (+20,500). Johnson and Linn were the only others that increased their housing stock by more than 5,000 units the last decade; another 13 others had gains of 1,000-4,999. While 23 counties had fewer housing units in 2000 than in 1990, only Audubon, Franklin, and Pocahontas declined by more than 200 units that decade. In percentage terms, Audubon (-7.8%) had the greatest decline of housing units between 1990 and 2000. Adams and Franklin also noted decreases of more than 5 percent of their housing stock. At the same time, 35 counties reported gains of at least 5 percent, with Dallas, Dickinson, Johnson, Linn, Polk, and Warren increasing their housing units by more than 15 percent in the 1990s.

When the last half century (1950-2000) was examined, Iowa gained nearly 421,000 (+51.8%) housing units. Eighty counties followed the state's pattern with gains ranging from less than 30 (Lucas, Osceola) to more than 30,000 (Johnson, Linn, Polk, Scott). Declines in the 19 counties that lost housing stock during this period ranged from 100 to 1,100. While Dallas, Johnson, Linn, Polk, Scott, Story, and Warren more than doubled their housing stock, Adams, Taylor, and Wayne each lost more than 20 percent.

Occupancy

Information from the 2000 census revealed that 93.2 percent of Iowa's housing units were occupied; that figure was nearly identical to the 93.1 percent reported in 1990 but was a few percentage points lower than the 96.1 percent noted in 1950. If not occupied, housing units are counted as vacant. Vacant units include both "for sale or rent" units and those not for sale or rent (including seasonal/recreational units). Condemned units and units used for non-residential purposes (e.g., storage) are not included in this count. In 2000, there were 83,235 vacant units or 6.8 percent of the total.

County vacancy rates in 2000 ranged from less than 5 percent in Black Hawk, Johnson, Linn, Polk, Story, and Warren to more than 15 percent in Allamakee, Dickinson, Guthrie, Ringgold, and Wayne. Dickinson (37.6%) was the only county in which vacant units were at least 20 percent of all housing stock, primarily because of substantial recreational housing.

Occupancy rates changed relatively little from 1990 to 2000, with no county increasing or decreasing by as much as 5 percentage points. From 1950 to 2000, however, more sizeable changes occurred, with 27 counties decreasing by 5 percentage points or more, of which Allamakee, Poweshiek,

Table 1. Total, Occupied, and Vacant Housing Units in Iowa's Counties, 1940-2000.

County	Total Housing Units							Occupied Housing Units							Vacant Housing Units						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Adair	3690	3714	3963	3645	3978	4032	3889	3398	3419	3615	3301	3614	3871	3763	292	295	348	344	364	161	126
Adams	2109	2234	2478	2381	2733	2924	3114	1867	2005	2216	2184	2422	2789	2930	242	229	262	197	311	135	184
Allamakee	7142	6603	6578	5233	5027	4880	4688	5722	5268	5215	4542	4546	4577	4500	1420	1335	1363	691	481	303	188
Appanoose	6697	6402	6706	6120	6391	6930	7223	5779	5609	6011	5355	5583	6339	6975	918	793	695	765	808	591	248
Audubon	2995	3247	3524	3394	3668	3638	3311	2773	2936	3192	3147	3373	3508	3225	222	311	332	247	295	130	86
Benton	10377	9125	9090	7925	7744	7170	6584	9746	8518	8561	7357	7215	6887	6435	631	607	529	568	529	283	149
Black Hawk	51759	49688	50290	41513	37347	29938	23053	49683	46932	48205	39638	35498	29189	22621	2076	2756	2085	1875	1849	749	432
Boone	10968	10371	10427	9186	9133	8709	8194	10374	9827	9731	8649	8493	8375	7917	594	544	696	537	640	334	277
Bremer	9337	8847	8811	7220	6448	5645	5056	8860	8394	8454	6861	6116	5534	4962	477	453	357	359	332	111	94
Buchanan	8697	8272	8222	7049	6647	6137	5542	7933	7506	7672	6355	6029	5767	5348	764	766	550	694	618	370	194
Buena Vista	8145	8140	8198	7242	7145	6606	5651	7499	7515	7673	6789	6644	6460	5483	646	625	525	453	501	146	168
Butler	6578	6483	6779	5850	5776	5430	5074	6175	6036	6356	5520	5408	5293	4983	403	447	423	330	368	137	91
Calhoun	5219	5362	5782	5580	5705	5480	5058	4513	4684	5113	4826	5034	5164	4864	706	678	669	754	671	316	194
Carroll	9019	8356	8379	7213	6991	6541	5815	8486	7964	7869	6780	6635	6380	5697	533	392	510	433	356	161	118
Cass	6590	6788	7025	6440	6438	6120	5680	6120	6177	6524	5933	5996	5945	5465	470	611	501	507	442	175	215
Cedar	7570	7146	7312	6064	5930	5415	4929	7147	6684	6771	5661	5504	5229	4845	423	462	541	403	426	186	84
Cerro Gordo	21488	20954	20931	17920	17068	14624	12766	19374	19061	18694	16279	15347	13667	11693	2114	1893	2237	1641	1721	957	1073
Cherokee	5850	5973	6475	5889	5648	5186	4670	5378	5514	5999	5497	5304	5072	4606	472	459	476	392	344	114	64
Chickasaw	5593	5486	5701	4792	4633	4467	4201	5192	5040	5359	4498	4317	4332	4110	401	446	342	294	316	135	91
Clarke	3934	3599	3715	2988	3106	3220	3204	3584	3343	3356	2706	2816	3036	3047	350	256	359	282	290	184	157
Clay	7828	7659	8043	6663	6285	5656	5016	7259	7074	7377	6096	5698	5498	4902	569	585	666	567	587	158	114
Clayton	8619	8344	8557	7450	7380	7145	6957	7375	7218	7487	6552	6690	6704	6650	1244	1126	1070	898	690	441	307
Clinton	21585	21296	21370	18747	17293	15307	12768	20105	19757	20345	17707	16536	14852	12443	1480	1539	1025	1040	757	455	325
Crawford	6958	6920	7094	6436	6164	5869	5550	6441	6397	6661	6031	5668	5687	5361	517	523	433	405	496	182	189
Dallas	16529	11812	11555	9146	8403	7883	7388	15584	11204	10688	8603	7776	7574	7178	945	608	867	543	627	309	210
Davis	3530	3365	3579	3066	3214	3438	3394	3207	3093	3278	2791	2913	3116	3207	323	272	301	275	301	322	187
Decatur	3833	3692	3974	3624	3890	4086	4174	3337	3207	3458	3198	3336	3765	3970	496	485	516	426	554	321	204
Delaware	7682	7408	6542	6261	5878	5347	5135	6834	6389	6219	5327	5174	5017	4903	848	1019	323	934	704	330	232
Des Moines	18643	18248	18567	16893	15119	13357	11144	17270	16874	17350	15693	14286	12989	10875	1373	1374	1217	1200	833	368	269
Dickinson	11375	9723	10187	8366	7690	6989	5609	7103	6160	6033	4335	3984	3919	3294	4272	3563	4154	4031	3706	3070	2315
Dubuque	35505	32053	31506	25280	22007	19011	16268	33690	30799	30021	24279	21142	18574	15915	1815	1254	1485	1001	865	437	353
Emmet	4889	4914	5268	4676	4762	4204	3634	4450	4461	4844	4325	4424	4118	3548	439	453	424	351	338	86	86
Fayette	9505	9262	9721	8967	9111	8596	8152	8778	8490	9093	8364	8533	8314	7919	727	772	628	603	578	282	233

Table 1. Total, Occupied, and Vacant Housing Units in Iowa's Counties, 1940-2000 (continued).

County	Total Housing Units							Occupied Housing Units							Vacant Housing Units						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Floyd	7317	7233	7587	6882	6904	6622	5839	6828	6721	7084	6392	6524	6408	5706	489	512	503	490	380	214	133
Franklin	4763	5018	5421	4999	5268	5043	4538	4356	4579	5010	4571	4884	4907	4446	407	439	411	428	384	136	92
Fremont	3514	3607	4016	3454	3830	4237	4364	3199	3217	3588	3237	3395	3903	4143	315	390	428	217	435	334	221
Greene	4623	4707	5020	4798	5235	4998	4840	4205	4195	4682	4403	4730	4798	4725	418	512	338	395	505	200	115
Grundy	5304	5158	5480	4868	4690	4308	3727	4984	4776	5228	4653	4461	4218	3703	320	382	252	215	229	90	24
Guthrie	5467	5179	5287	4766	4981	5126	5059	4641	4407	4572	4224	4483	4829	4889	826	772	715	542	498	297	170
Hamilton	7082	6879	7144	6605	6708	6221	5494	6692	6358	6623	6159	6292	6013	5380	390	521	521	446	416	208	114
Hancock	5164	5236	5410	4717	4712	4478	4025	4795	4867	5002	4339	4394	4340	3965	369	369	408	378	318	138	60
Hardin	8318	8419	8799	8056	7942	7353	6451	7628	7611	8161	7458	7365	7085	6301	690	808	638	598	577	268	150
Harrison	6602	6175	6357	5793	6067	6256	6536	6115	5656	5957	5415	5519	5881	6143	487	519	400	378	548	375	393
Henry	8246	7507	7241	6430	6135	5598	5028	7626	7089	6707	5917	5506	5330	4856	620	418	534	513	629	268	172
Howard	4327	4155	4271	3925	4065	3905	3673	3974	3856	4012	3627	3763	3738	3592	353	299	259	298	302	167	81
Humboldt	4645	4670	5017	4325	4307	3999	3620	4295	4339	4620	4002	3981	3874	3565	350	331	397	323	326	125	55
Ida	3506	3473	3634	3250	3483	3333	3073	3213	3222	3369	3031	3276	3299	3024	293	251	265	219	207	34	49
Iowa	6545	6003	5872	5231	5268	4832	4762	6163	5713	5598	4965	4950	4672	4662	382	290	274	266	318	160	100
Jackson	8949	8426	8564	6868	6522	5776	5393	8078	7527	7632	6270	6077	5487	5198	871	899	932	598	445	289	195
Jasper	15659	14338	14447	12255	11753	10105	9179	14689	13632	13564	11609	11050	9793	8847	970	706	883	646	703	312	332
Jefferson	7241	6739	6034	5738	5506	5193	4808	6649	6309	5716	5257	4958	4912	4641	592	430	318	481	548	281	167
Johnson	45831	37210	31583	23654	15802	11978	9623	44080	36067	30220	22491	15071	11761	9356	1751	1143	1363	1163	731	217	267
Jones	8126	7366	7349	6249	6136	5653	5237	7560	6917	6931	5949	5874	5427	5144	566	449	418	300	262	226	93
Keokuk	5013	5024	5398	5242	5659	5831	5725	4586	4573	4884	4695	4975	5410	5520	427	451	514	547	684	421	205
Kossuth	7605	7765	8243	7386	7598	7287	6587	6974	7194	7806	6926	7186	7145	6511	631	571	437	460	412	142	76
Lee	16612	16443	16684	14890	14391	13441	12045	15161	14936	15618	13953	13372	12935	11425	1451	1507	1066	937	1019	506	620
Linn	80551	68357	64778	54137	43825	32753	27156	76753	65501	61770	50855	42223	31821	26378	3798	2856	3008	3282	1602	932	778
Louisa	5133	5044	4828	3970	3730	3717	3419	4519	4296	4218	3456	3215	3389	3265	614	748	610	514	515	328	154
Lucas	4239	4179	4503	4014	4075	4210	4363	3811	3766	4045	3582	3699	3963	4187	428	413	458	432	376	247	176
Lyon	4758	4561	4776	4363	4397	4171	3811	4428	4289	4488	4090	4190	4098	3772	330	272	288	273	207	73	39
Madison	5661	4995	4967	4245	4406	4418	4423	5326	4715	4575	3963	3996	4145	4215	335	280	392	282	410	273	208
Mahaska	9551	8977	9323	8247	8349	8211	7929	8880	8306	8611	7543	7639	7938	7696	671	671	712	704	710	273	233
Marion	12755	11420	11021	8594	8274	7866	7477	12017	10815	10322	8130	7733	7517	7299	738	605	699	464	541	349	178
Marshall	16324	15862	16338	13986	12616	11017	9914	15338	14890	15410	13286	11951	10765	9702	986	972	928	700	665	252	212
Mills	5671	5004	4832	3922	3949	3871	3866	5324	4665	4537	3657	3612	3625	3662	347	339	295	265	337	246	204
Mitchell	4594	4514	4735	4335	4410	4247	3969	4294	4253	4432	4038	4153	4110	3833	300	261	303	297	257	137	136

Table 1. Total, Occupied, and Vacant Housing Units in Iowa's Counties, 1940-2000 (continued).

County	Total Housing Units							Occupied Housing Units							Vacant Housing Units						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Monona	4660	4555	4877	4511	5000	5094	5065	4211	4098	4468	4133	4431	4827	4861	449	457	409	378	569	267	204
Monroe	3588	3740	3822	3481	3599	3943	4127	3228	3196	3510	3168	3289	3577	3964	360	544	312	313	310	366	163
Montgomery	5399	5363	5800	4996	5334	5165	4778	4886	4955	5270	4621	4892	5028	4606	513	408	530	375	442	137	172
Muscatine	16786	16044	15245	12728	11815	10395	9572	15847	14806	14214	11840	10862	10024	9259	939	1238	1031	888	953	371	313
O'Brien	6509	6476	6659	6099	6163	5784	5230	6001	5980	6254	5669	5823	5685	5185	508	496	405	430	340	99	45
Osceola	3012	2998	3266	2958	3176	2984	2706	2778	2817	3050	2738	2969	2922	2689	234	181	216	220	207	62	17
Page	7302	7339	8073	7128	7448	7421	6963	6708	6687	7317	6571	6761	7127	6678	594	652	756	557	687	294	285
Palo Alto	4631	4826	5244	4764	4763	4487	4071	4119	4183	4624	4098	4220	4369	4009	512	643	620	666	543	118	62
Plymouth	9880	8806	8860	7563	7218	6699	6145	9372	8417	8425	7167	6815	6529	6001	508	389	435	396	403	170	144
Pocahontas	3988	4193	4661	4459	4673	4612	4263	3617	3820	4270	4066	4241	4454	4204	371	373	391	393	432	158	59
Polk	156447	135979	122136	98325	89084	72099	58444	149112	129237	114817	93415	84352	70128	56516	7335	6742	7319	4910	4732	1971	1928
Pottawattamie	35761	32831	32419	28121	26247	21268	19320	33844	31262	30803	26776	24896	20620	18471	1917	1569	1616	1345	1351	648	849
Poweshiek	8556	8199	8075	6694	6212	5701	5527	7398	7158	6865	5969	5769	5531	5368	1158	1041	1210	725	443	170	159
Ringgold	2789	2713	2975	2781	3063	3259	3426	2245	2218	2409	2306	2638	3047	3264	544	495	566	475	425	212	162
Sac	5460	5648	6073	5758	5909	5563	5001	4746	4914	5353	5080	5284	5236	4763	714	734	720	678	625	327	238
Scott	65649	61379	59764	46397	37060	30094	24773	62334	57438	56677	44022	35648	29440	24166	3315	3941	3087	2375	1412	654	607
Shelby	5459	5430	5611	4953	4860	4613	4366	5173	5024	5218	4631	4488	4478	4255	286	406	393	322	372	135	111
Sioux	11260	10333	10414	8412	7870	7417	6749	10693	9925	9915	8030	7465	7297	6647	567	408	499	382	405	120	102
Story	30630	26847	25154	19062	14978	12643	9406	29383	25941	23665	18296	14195	12295	9286	1247	906	1489	766	783	348	120
Tama	7583	7417	7716	7115	7180	6926	6354	7018	6768	7086	6553	6716	6681	6237	565	649	630	562	464	245	117
Taylor	3199	3307	3682	3551	4097	4294	4400	2824	2859	3284	3223	3499	4065	4176	375	448	398	328	598	229	224
Union	5657	5622	5748	5184	5166	5206	5009	5242	5173	5314	4774	4652	5001	4848	415	449	434	410	514	205	161
Van Buren	3581	3529	3484	3426	3751	3934	3933	3181	3056	3195	3025	3242	3614	3702	400	473	289	401	509	320	231
Wapello	15873	15640	16350	15478	15874	15152	13207	14784	14555	15436	14352	14659	14558	12834	1089	1085	914	1126	1215	594	373
Warren	15289	13157	12177	8425	6645	5634	5334	14708	12659	11513	8012	6125	5326	5110	581	498	664	413	520	308	224
Washington	8543	7866	7693	6634	6535	6341	5968	8056	7454	7213	6136	6035	6037	5746	487	412	480	498	500	304	222
Wayne	3357	3334	3852	3499	3995	4250	4243	2821	2953	3315	3137	3471	3943	4016	536	381	537	362	524	307	227
Webster	16969	17063	17799	16314	15848	13298	11618	15878	15963	16886	15282	14947	13051	11374	1091	1100	913	1032	901	247	244
Winnebago	5065	5030	5251	4526	4271	3906	3609	4749	4704	4845	4224	4010	3816	3555	316	326	406	302	261	90	54
Winneshek	8208	7726	7420	6434	6309	6166	5942	7734	7256	7063	6058	5951	5869	5807	474	470	357	376	358	297	135
Woodbury	41394	39071	39022	35127	35421	31945	29630	39151	36899	36632	32834	33243	31253	28394	2243	2172	2390	2293	2178	692	1236
Worth	3534	3443	3724	3334	3353	3295	3055	3278	3239	3452	3039	3116	3208	3006	256	204	272	295	237	87	49
Wright	6559	6636	6945	6410	6633	6290	5576	5940	5899	6243	5744	6102	6054	5442	619	737	702	666	531	236	134
State of Iowa	1232511	1143669	1131299	964060	905295	811912	726654	1149276	1064325	1053033	896311	841357	780167	701824	83235	79344	78266	67749	63938	31745	24830

Table 2. Occupied Housing Units by Tenure in Iowa's Counties, 1940-2000.

County	Owner-Occupied Housing Units							Percent of All Occupied Housing Units Owned by Occupants							Renter-Occupied Housing Units							Percent of All Occupied Housing Units Rented by Occupants						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Adair	2550	2514	2753	2548	2611	2527	1912	75.0	73.5	76.2	77.2	72.2	65.3	50.8	848	905	862	753	1003	1344	1851	25.0	26.5	23.8	22.8	27.8	34.7	49.2
Adams	1394	1454	1703	1637	1710	1746	1482	74.7	72.5	76.9	75.0	70.6	62.6	50.6	473	551	513	547	712	1043	1448	25.3	27.5	23.1	25.0	29.4	37.4	49.4
Allamakee	4374	3993	4011	3522	3289	3143	2793	76.4	75.8	76.9	77.5	72.3	68.7	62.1	1348	1275	1204	1020	1257	1434	1707	23.6	24.2	23.1	22.5	27.7	31.3	37.9
Appanoose	4275	4177	4565	4155	4301	4531	3912	74.0	74.5	75.9	77.6	77.0	71.5	56.1	1504	1432	1446	1200	1282	1808	3063	26.0	25.5	24.1	22.4	23.0	28.5	43.9
Audubon	2196	2233	2458	2407	2391	2236	1627	79.2	76.1	77.0	76.5	70.9	63.7	50.4	577	703	734	740	982	1272	1598	20.8	23.9	23.0	23.5	29.1	36.3	49.6
Benton	7738	6368	6523	5483	4940	4332	3564	79.4	74.8	76.2	74.5	68.5	62.9	55.4	2008	2150	2038	1874	2275	2555	2871	20.6	25.2	23.8	25.5	31.5	37.1	44.6
Black Hawk	34248	31593	34441	29085	26177	18984	12222	68.9	67.3	71.4	73.4	73.7	65.0	54.0	15435	15339	13764	10553	9321	10205	10399	31.1	32.7	28.6	26.6	26.3	35.0	46.0
Boone	7862	7064	7208	6371	5915	5315	4291	75.8	71.9	74.1	73.7	69.6	63.5	54.2	2512	2763	2523	2278	2578	3060	3626	24.2	28.1	25.9	26.3	30.4	36.5	45.8
Bremer	6927	6298	6585	5282	4404	3538	2834	78.2	75.0	77.9	77.0	72.0	63.9	57.1	1933	2096	1869	1579	1712	1996	2128	21.8	25.0	22.1	23.0	28.0	36.1	42.9
Buchanan	6203	5630	5982	4883	4291	3740	2865	78.2	75.0	78.0	76.8	71.2	64.9	53.6	1730	1876	1690	1472	1738	2027	2483	21.8	25.0	22.0	23.2	28.8	35.1	46.4
Buena Vista	5279	5098	5461	4711	4294	3868	2702	70.4	67.8	71.2	69.4	64.6	59.9	49.3	2220	2417	2212	2078	2350	2592	2781	29.6	32.2	28.8	30.6	35.4	40.1	50.7
Butler	4964	4685	5037	4190	3684	3265	2610	80.4	77.6	79.2	75.9	68.1	61.7	52.4	1211	1351	1319	1330	1724	2028	2373	19.6	22.4	20.8	24.1	31.9	38.3	47.6
Calhoun	3492	3358	3766	3427	3285	3100	2452	77.4	71.7	73.7	71.0	65.3	60.0	50.4	1021	1326	1347	1399	1749	2064	2412	22.6	28.3	26.3	29.0	34.7	40.0	49.6
Carroll	6313	5844	5816	4926	4447	3826	2955	74.4	73.4	73.9	72.7	67.0	60.0	51.9	2173	2120	2053	1854	2188	2554	2742	25.6	26.6	26.1	27.3	33.0	40.0	48.1
Cass	4564	4434	4748	4218	3924	3595	2676	74.6	71.8	72.8	71.1	65.4	60.5	49.0	1556	1743	1776	1715	2072	2350	2789	25.4	28.2	27.2	28.9	34.6	39.5	51.0
Cedar	5487	4885	4918	4048	3677	3268	2581	76.8	73.1	72.6	71.5	66.8	62.5	53.3	1660	1799	1853	1613	1827	1961	2264	23.2	26.9	27.4	28.5	33.2	37.5	46.7
Cerro Gordo	13857	13114	13391	11578	10730	8505	5528	71.5	68.8	71.6	71.1	69.9	62.2	47.3	5517	5947	5303	4701	4617	5162	6165	28.5	31.2	28.4	28.9	30.1	37.8	52.7
Cherokee	3962	3906	4261	3746	3255	2871	2106	73.7	70.8	71.0	68.1	61.4	56.6	45.7	1416	1608	1738	1751	2049	2201	2500	26.3	29.2	29.0	31.9	38.6	43.4	54.3
Chickasaw	4165	3950	4244	3491	3224	2900	2330	80.2	78.4	79.2	77.6	74.7	66.9	56.7	1027	1090	1115	1007	1093	1432	1780	19.8	21.6	20.8	22.4	25.3	33.1	43.3
Clarke	2594	2419	2554	2108	2046	1977	1469	72.4	72.4	76.1	77.9	72.7	65.1	48.2	990	924	802	598	770	1059	1578	27.6	27.6	23.9	22.1	27.3	34.9	51.8
Clay	5014	4623	5093	4027	3655	3150	2242	69.1	65.4	69.0	66.1	64.1	57.3	45.7	2245	2451	2284	2069	2043	2348	2660	30.9	34.6	31.0	33.9	35.9	42.7	54.3
Clayton	5643	5409	5673	5124	4865	4403	3843	76.5	74.9	75.8	78.2	72.7	65.7	57.8	1732	1809	1814	1428	1825	2301	2807	23.5	25.1	24.2	21.8	27.3	34.3	42.2
Clinton	14653	14061	14970	13012	11773	9658	7021	72.9	71.2	73.6	73.5	71.2	65.0	56.4	5452	5696	5375	4695	4763	5194	5422	27.1	28.8	26.4	26.5	28.8	35.0	43.6
Crawford	4703	4573	4982	4264	3751	3425	2628	73.0	71.5	74.8	70.7	66.2	60.2	49.0	1738	1824	1679	1767	1917	2262	2733	27.0	28.5	25.2	29.3	33.8	39.8	51.0
Dallas	11897	8332	8077	6222	5422	4911	3622	76.3	74.4	75.6	72.3	69.7	64.8	50.5	3687	2872	2611	2381	2354	2663	3556	23.7	25.6	24.4	27.7	30.3	35.2	49.5
Davis	2556	2400	2564	2211	2186	2154	1732	79.7	77.6	78.2	79.2	75.0	69.1	54.0	651	693	714	580	727	962	1475	20.3	22.4	21.8	20.8	25.0	30.9	46.0
Decatur	2372	2272	2565	2402	2467	2579	2005	71.1	70.8	74.2	75.1	74.0	68.5	50.5	965	935	893	796	869	1186	1965	28.9	29.2	25.8	24.9	26.0	31.5	49.5
Delaware	5319	4838	4839	4009	3581	3071	2492	77.8	75.7	77.8	75.3	69.2	61.2	50.8	1515	1551	1380	1318	1593	1946	2411	22.2	24.3	22.2	24.7	30.8	38.8	49.2
Des Moines	12813	12279	12746	11401	10162	8392	6346	74.2	72.8	73.5	72.7	71.1	64.6	58.4	4457	4595	4604	4292	4124	4597	4529	25.8	27.2	26.5	27.3	28.9	35.4	41.6
Dickinson	5542	4667	4604	3136	2714	2484	1628	78.0	75.8	76.3	72.3	68.1	63.4	49.4	1561	1493	1429	1199	1270	1435	1666	22.0	24.2	23.7	27.7	31.9	36.6	50.6
Dubuque	24747	21931	21655	17777	14250	11014	7726	73.5	71.2	72.1	73.2	67.4	59.3	48.5	8943	8868	8366	6502	6892	7560	8189	26.5	28.8	27.9	26.8	32.6	40.7	51.5
Emmet	3344	3210	3556	3099	2970	2504	1725	75.1	72.0	73.4	71.7	67.1	60.8	48.6	1106	1251	1288	1226	1454	1614	1823	24.9	28.0	26.6	28.3	32.9	39.2	51.4
Fayette	6642	6315	7112	6554	6295	5614	4503	75.7	74.4	78.2	78.4	73.8	67.5	56.9	2136	2175	1981	1810	2238	2700	3416	24.3	25.6	21.8	21.6	26.2	32.5	43.1

Table 2. Occupied Housing Units by Tenure in Iowa's Counties, 1940-2000 (continued).

County	Owner-Occupied Housing Units							Percent of All Occupied Housing Units Owned by Occupants							Renter-Occupied Housing Units							Percent of All Occupied Housing Units Rented by Occupants						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Floyd	5058	4921	5485	4852	4663	4080	2987	74.1	73.2	77.4	75.9	71.5	63.7	52.3	1770	1800	1599	1540	1861	2328	2719	25.9	26.8	22.6	24.1	28.5	36.3	47.7
Franklin	3266	3296	3632	3251	3129	2846	2184	75.0	72.0	72.5	71.1	64.1	58.0	49.1	1090	1283	1378	1320	1755	2061	2262	25.0	28.0	27.5	28.9	35.9	42.0	50.9
Fremont	2383	2327	2568	2229	2224	2293	1879	74.5	72.3	71.6	68.9	65.5	58.7	45.4	816	890	1020	1008	1171	1610	2264	25.5	27.7	28.4	31.1	34.5	41.3	54.6
Greene	3180	3007	3385	3052	3000	2854	2330	75.6	71.7	72.3	69.3	63.4	59.5	49.3	1025	1188	1297	1351	1730	1944	2395	24.4	28.3	27.7	30.7	36.6	40.5	50.7
Grundy	3983	3553	3934	3302	2894	2386	1903	79.9	74.4	75.2	71.0	64.9	56.6	51.4	1001	1223	1294	1351	1567	1832	1800	20.1	25.6	24.8	29.0	35.1	43.4	48.6
Guthrie	3695	3328	3458	3169	3176	3183	2519	79.6	75.5	75.6	75.0	70.8	65.9	51.5	946	1079	1114	1055	1307	1646	2370	20.4	24.5	24.4	25.0	29.2	34.1	48.5
Hamilton	4870	4515	4834	4159	4017	3595	2750	72.8	71.0	73.0	67.5	63.8	59.8	51.1	1822	1843	1789	2000	2275	2418	2630	27.2	29.0	27.0	32.5	36.2	40.2	48.9
Hancock	3751	3551	3766	3084	2922	2620	2025	78.2	73.0	75.3	71.1	66.5	60.4	51.1	1044	1316	1236	1255	1472	1720	1940	21.8	27.0	24.7	28.9	33.5	39.6	48.9
Hardin	5688	5476	6023	5413	4952	4353	3301	74.6	71.9	73.8	72.6	67.2	61.4	52.4	1940	2135	2138	2045	2413	2732	3000	25.4	28.1	26.2	27.4	32.8	38.6	47.6
Harrison	4684	4212	4406	3883	3794	3748	2743	76.6	74.5	74.0	71.7	68.7	63.7	44.7	1431	1444	1551	1532	1725	2133	3400	23.4	25.5	26.0	28.3	31.3	36.3	55.3
Henry	5569	5212	5120	4386	3832	3514	2707	73.0	73.5	76.3	74.1	69.6	65.9	55.7	2057	1877	1587	1531	1674	1816	2149	27.0	26.5	23.7	25.9	30.4	34.1	44.3
Howard	3148	3008	3159	2946	2810	2534	1992	79.2	78.0	78.7	81.2	74.7	67.8	55.5	826	848	853	681	953	1204	1600	20.8	22.0	21.3	18.8	25.3	32.2	44.5
Humboldt	3263	3159	3411	2829	2693	2371	1911	76.0	72.8	73.8	70.7	67.6	61.2	53.6	1032	1180	1209	1173	1288	1503	1654	24.0	27.2	26.2	29.3	32.4	38.8	46.4
Ida	2351	2309	2436	2149	2142	1887	1384	73.2	71.7	72.3	70.9	65.4	57.2	45.8	862	913	933	882	1134	1412	1640	26.8	28.3	27.7	29.1	34.6	42.8	54.2
Iowa	4802	4349	4253	3778	3610	3072	2610	77.9	76.1	76.0	76.1	72.9	65.8	56.0	1361	1364	1345	1187	1340	1600	2052	22.1	23.9	24.0	23.9	27.1	34.2	44.0
Jackson	6137	5551	5784	4693	4277	3674	3113	76.0	73.7	75.8	74.8	70.4	67.0	59.9	1941	1976	1848	1577	1800	1813	2085	24.0	26.3	24.2	25.2	29.6	33.0	40.1
Jasper	11123	10172	10140	8561	7802	6387	4555	75.7	74.6	74.8	73.7	70.6	65.2	51.5	3566	3460	3424	3048	3248	3406	4292	24.3	25.4	25.2	26.3	29.4	34.8	48.5
Jefferson	4470	4205	4239	3716	3486	3251	2434	67.2	66.7	74.2	70.7	70.3	66.2	52.4	2179	2104	1477	1541	1472	1661	2207	32.8	33.3	25.8	29.3	29.7	33.8	47.6
Johnson	24967	18999	16335	11691	8889	6561	4841	56.6	52.7	54.1	52.0	59.0	55.8	51.7	19113	17068	13885	10800	6182	5200	4515	43.4	47.3	45.9	48.0	41.0	44.2	48.3
Jones	5735	5090	5234	4414	3955	3203	2779	75.9	73.6	75.5	74.2	67.3	59.0	54.0	1825	1827	1697	1535	1919	2224	2365	24.1	26.4	24.5	25.8	32.7	41.0	46.0
Keokuk	3609	3566	3899	3810	3773	3828	3382	78.7	78.0	79.8	81.2	75.8	70.8	61.3	977	1007	985	885	1202	1582	2138	21.3	22.0	20.2	18.8	24.2	29.2	38.7
Kossuth	5426	5256	5639	4821	4577	4225	3162	77.8	73.1	72.2	69.6	63.7	59.1	48.6	1548	1938	2167	2105	2609	2920	3349	22.2	26.9	27.8	30.4	36.3	40.9	51.4
Lee	11442	11061	11673	10480	9727	8634	6187	75.5	74.1	74.7	75.1	72.7	66.7	54.2	3719	3875	3945	3473	3645	4301	5238	24.5	25.9	25.3	24.9	27.3	33.3	45.8
Linn	55826	46140	44025	36552	29911	20981	14290	72.7	70.4	71.3	71.9	70.8	65.9	54.2	20927	19361	17745	14303	12312	10840	12088	27.3	29.6	28.7	28.1	29.2	34.1	45.8
Louisa	3491	3200	3274	2640	2187	2179	1673	77.3	74.5	77.6	76.4	68.0	64.3	51.2	1028	1096	944	816	1028	1210	1592	22.7	25.5	22.4	23.6	32.0	35.7	48.8
Lucas	2985	2799	3085	2745	2722	2700	2146	78.3	74.3	76.3	76.6	73.6	68.1	51.3	826	967	960	837	977	1263	2041	21.7	25.7	23.7	23.4	26.4	31.9	48.7
Lyon	3622	3308	3385	2948	2658	2348	1745	81.8	77.1	75.4	72.1	63.4	57.3	46.3	806	981	1103	1142	1532	1750	2027	18.2	22.9	24.6	27.9	36.6	42.7	53.7
Madison	4152	3466	3494	2950	2838	2763	2136	78.0	73.5	76.4	74.4	71.0	66.7	50.7	1174	1249	1081	1013	1158	1382	2079	22.0	26.5	23.6	25.6	29.0	33.3	49.3
Mahaska	6312	5815	6206	5495	5309	5114	4114	71.1	70.0	72.1	72.8	69.5	64.4	53.5	2568	2491	2405	2048	2330	2824	3582	28.9	30.0	27.9	27.2	30.5	35.6	46.5
Marion	9079	7989	7743	6155	5506	4964	3839	75.6	73.9	75.0	75.7	71.2	66.0	52.6	2938	2826	2579	1975	2227	2553	3460	24.4	26.1	25.0	24.3	28.8	34.0	47.4
Marshall	11305	10596	11005	9461	8163	6709	4885	73.7	71.2	71.4	71.2	68.3	62.3	50.4	4033	4294	4405	3825	3788	4056	4817	26.3	28.8	28.6	28.8	31.7	37.7	49.6
Mills	4235	3488	3422	2621	2315	2201	1764	79.5	74.8	75.4	71.7	64.1	60.7	48.2	1089	1177	1115	1036	1297	1424	1898	20.5	25.2	24.6	28.3	35.9	39.3	51.8
Mitchell	3503	3328	3547	3175	3036	2760	2177	81.6	78.3	80.0	78.6	73.1	67.2	56.8	791	925	885	863	1117	1350	1656	18.4	21.7	20.0	21.4	26.9	32.8	43.2

Table 2. Occupied Housing Units by Tenure in Iowa's Counties, 1940-2000 (continued).

County	Owner-Occupied Housing Units							Percent of All Occupied Housing Units Owned by Occupants							Renter-Occupied Housing Units							Percent of All Occupied Housing Units Rented by Occupants						
	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940	2000	1990	1980	1970	1960	1950	1940
Monona	3199	3039	3321	2908	2865	2843	2202	76.0	74.2	74.3	70.4	64.7	58.9	45.3	1012	1059	1147	1225	1566	1984	2659	24.0	25.8	25.7	29.6	35.3	41.1	54.7
Monroe	2531	2458	2719	2435	2412	2471	2135	78.4	76.9	77.5	76.9	73.3	69.1	53.9	697	738	791	733	877	1106	1829	21.6	23.1	22.5	23.1	26.7	30.9	46.1
Montgomery	3571	3555	3851	3284	3267	3104	2324	73.1	71.7	73.1	71.1	66.8	61.7	50.5	1315	1400	1419	1337	1625	1924	2282	26.9	28.3	26.9	28.9	33.2	38.3	49.5
Muscatine	11950	10662	10449	8400	7157	6171	4776	75.4	72.0	73.5	70.9	65.9	61.6	51.6	3897	4144	3765	3440	3705	3853	4483	24.6	28.0	26.5	29.1	34.1	38.4	48.4
O'Brien	4615	4484	4770	4156	3880	3460	2578	76.9	75.0	76.3	73.3	66.6	60.9	49.7	1386	1496	1484	1513	1943	2225	2607	23.1	25.0	23.7	26.7	33.4	39.1	50.3
Osceola	2153	2104	2299	1925	1913	1714	1293	77.5	74.7	75.4	70.3	64.4	58.7	48.1	625	713	751	813	1056	1208	1396	22.5	25.3	24.6	29.7	35.6	41.3	51.9
Page	4803	4719	5041	4564	4417	4166	3279	71.6	70.6	68.9	69.5	65.3	58.5	49.1	1905	1968	2276	2007	2344	2961	3399	28.4	29.4	31.1	30.5	34.7	41.5	50.9
Palo Alto	3052	2966	3352	2966	2782	2583	1949	74.1	70.9	72.5	72.4	65.9	59.1	48.6	1067	1217	1272	1132	1438	1786	2060	25.9	29.1	27.5	27.6	34.1	40.9	51.4
Plymouth	7260	6295	6203	5034	4356	3780	2805	77.5	74.8	73.6	70.2	63.9	57.9	46.7	2112	2122	2222	2133	2459	2749	3196	22.5	25.2	26.4	29.8	36.1	42.1	53.3
Pocahontas	2867	2838	3086	2825	2781	2641	2055	79.3	74.3	72.3	69.5	65.6	59.3	48.9	750	982	1184	1241	1460	1813	2149	20.7	25.7	27.7	30.5	34.4	40.7	51.1
Polk	102621	84307	76856	65004	59661	46783	28985	68.8	65.2	66.9	69.6	70.7	66.7	51.3	46491	44930	37961	28411	24691	23345	27531	31.2	34.8	33.1	30.4	29.3	33.3	48.7
Pottawattamie	24052	22226	22212	19508	17939	14208	9372	71.1	71.1	72.1	72.9	72.1	68.9	50.7	9792	9036	8591	7268	6957	6412	9099	28.9	28.9	27.9	27.1	27.9	31.1	49.3
Poweshiek	5316	5045	4886	4199	3904	3470	2779	71.9	70.5	71.2	70.3	67.7	62.7	51.8	2082	2113	1979	1770	1865	2061	2589	28.1	29.5	28.8	29.7	32.3	37.3	48.2
Ringgold	1699	1672	1871	1844	1957	2165	1589	75.7	75.4	77.7	80.0	74.2	71.1	48.7	546	546	538	462	681	882	1675	24.3	24.6	22.3	20.0	25.8	28.9	51.3
Sac	3644	3564	3918	3575	3396	3236	2400	76.8	72.5	73.2	70.4	64.3	61.8	50.4	1102	1350	1435	1505	1888	2000	2363	23.2	27.5	26.8	29.6	35.7	38.2	49.6
Scott	43979	38115	38028	30170	23629	17261	11185	70.6	66.4	67.1	68.5	66.3	58.6	46.3	18355	19323	18649	13852	12019	12179	12981	29.4	33.6	32.9	31.5	33.7	41.4	53.7
Shelby	3983	3709	3831	3363	2982	2688	2121	77.0	73.8	73.4	72.6	66.4	60.0	49.8	1190	1315	1387	1268	1506	1790	2134	23.0	26.2	26.6	27.4	33.6	40.0	50.2
Sioux	8603	7762	7788	6128	5140	4534	3383	80.5	78.2	78.5	76.3	68.9	62.1	50.9	2090	2163	2127	1902	2325	2763	3264	19.5	21.8	21.5	23.7	31.1	37.9	49.1
Story	17125	14515	13812	10804	8449	6917	4886	58.3	56.0	58.4	59.1	59.5	56.3	52.6	12258	11426	9853	7492	5746	5378	4400	41.7	44.0	41.6	40.9	40.5	43.7	47.4
Tama	5440	5092	5423	4903	4730	4344	3622	77.5	75.2	76.5	74.8	70.4	65.0	58.1	1578	1676	1663	1650	1986	2337	2615	22.5	24.8	23.5	25.2	29.6	35.0	41.9
Taylor	2157	2160	2505	2573	2676	2850	2138	76.4	75.6	76.3	79.8	76.5	70.1	51.2	667	699	779	650	823	1215	2038	23.6	24.4	23.7	20.2	23.5	29.9	48.8
Union	3777	3555	3973	3575	3323	3329	2491	72.1	68.7	74.8	74.9	71.4	66.6	51.4	1465	1618	1341	1199	1329	1672	2357	27.9	31.3	25.2	25.1	28.6	33.4	48.6
Van Buren	2535	2375	2570	2496	2530	2649	2134	79.7	77.7	80.4	82.5	78.0	73.3	57.6	646	681	625	529	712	965	1568	20.3	22.3	19.6	17.5	22.0	26.7	42.4
Wapello	11175	10997	12039	10945	11052	9825	7191	75.6	75.6	78.0	76.3	75.4	67.5	56.0	3609	3558	3397	3407	3607	4733	5643	24.4	24.4	22.0	23.7	24.6	32.5	44.0
Warren	11758	9728	9062	6396	4654	3637	2691	79.9	76.8	78.7	79.8	76.0	68.3	52.7	2950	2931	2451	1616	1471	1689	2419	20.1	23.2	21.3	20.2	24.0	31.7	47.3
Washington	6068	5349	5400	4491	4202	3900	3213	75.3	71.8	74.9	73.2	69.6	64.6	55.9	1988	2105	1813	1645	1833	2137	2533	24.7	28.2	25.1	26.8	30.4	35.4	44.1
Wayne	2237	2237	2585	2513	2613	2820	2120	79.3	75.8	78.0	80.1	75.3	71.5	52.8	584	716	730	624	858	1123	1896	20.7	24.2	22.0	19.9	24.7	28.5	47.2
Webster	11314	11000	11855	10447	9861	7831	5507	71.3	68.9	70.2	68.4	66.0	60.0	48.4	4564	4963	5031	4835	5086	5220	5867	28.7	31.1	29.8	31.6	34.0	40.0	51.6
Winnebago	3613	3508	3623	3068	2775	2480	1782	76.1	74.6	74.8	72.6	69.2	65.0	50.1	1136	1196	1222	1156	1235	1336	1773	23.9	25.4	25.2	27.4	30.8	35.0	49.9
Winneshie	5687	5153	5160	4604	4296	3951	3507	73.5	71.0	73.1	76.0	72.2	67.3	60.4	2047	2103	1903	1454	1655	1918	2300	26.5	29.0	26.9	24.0	27.8	32.7	39.6
Woodbury	26841	25280	25993	22816	21988	18985	11943	68.6	68.5	71.0	69.5	66.1	60.7	42.1	12310	11619	10639	10018	11255	12268	16451	31.4	31.5	29.0	30.5	33.9	39.3	57.9
Worth	2588	2470	2686	2272	2167	2080	1548	79.0	76.3	77.8	74.8	69.5	64.8	51.5	690	769	766	767	949	1128	1458	21.0	23.7	22.2	25.2	30.5	35.2	48.5
Wright	4407	4259	4490	4015	3923	3506	2623	74.2	72.2	71.9	69.9	64.3	57.9	48.2	1533	1640	1753	1729	2179	2548	2819	25.8	27.8	28.1	30.1	35.7	42.1	51.8
State of Iowa	745377	642670	494826	70.0	71.7	63.4	318948	253641	285341	30.0	28.3	36.6	831419	756517	581352	361477	72.3	71.8	69.1	51.5	317857	296516	260005	340347	27.7	28.2	30.9	48.5

and Ringgold declined by more than 10 percentage points. Only Dickinson had a gain of at least 5 points in the percentage of housing units occupied.

Tenure

Although owners (361,000) outnumbered renters (340,000) by a relatively small amount in 1940, that margin increased substantially to the 2000 census, when far more housing units were owned (831,000) than rented (318,000) in Iowa (Table 2). The number of units that were owned by those who occupied them has increased with each census reported in the table, except from 1980 to 1990, when there was a decline of 11,000. That drop was more than recovered by the increase of 86,000 between 1990 and 2000. Occupied units that were rented declined between each census from 1940 through 1970, gained from then through 1990, and decreased slightly again from 1990 to 2000. Indeed, the number of occupied units that were rented in 2000 was 22,000 less than that noted in 1940; owned units, on the other hand, increased by 470,000 during that period.

Owners lived in 72.3 percent of Iowa's occupied housing units in 2000, while the other 27.7 percent were occupied by renters (Table 2). Most counties had a similar pattern, with 92 of the 99 counties reporting at least 70 percent owner occupancy. Ownership was lowest in Johnson and Story, the location of large state universities with relatively great numbers of rental units available to students. The percentage of units occupied by owners increased between all censuses since 1940 except from 1980 to 1990. Actually, little change has occurred since 1960, when the percentage of owners reached 69.1; the 2000 figure was only 3.2 percentage points above the 1960 rate.

Ninety-four counties followed the state's pattern of increase among owner-occupied housing units from 1990 to 2000, with Johnson, Linn, Polk, and Scott gaining more than 5,000. The increase of 18,300 in Polk nearly doubled that of Linn (9,700), which was the second highest figure. Adams, Audubon, Franklin, and Taylor each experienced slight declines in their owner-occupied units. The number of such units in Wayne remained unchanged from 1990.

While only four counties had declines in their numbers of owner-occupied units, nearly half (46) had decreases in their owner-occupancy rates over this period, although the decreases were relatively small (-0.1 to -4.5 percentage points). Comparing home ownership rates of 2000 with those of 1950 revealed that all 99 counties experienced gains across the last 50 years.

In contrast to owner-occupied units, renter-occupied units decreased by 0.3 percent (-1,091) in Iowa during the 1990s. In 76 counties, numbers of units occupied by renters decreased as well. Scott's occupied rental units dropped by nearly 1,000 across the decade, while Johnson, Linn, and Polk each gained more than 1,000. Proportionately, Calhoun, Hancock, Kossuth, and Pocahontas each lost at least 1 of every 5 renter-occupied units in the 1990s, while Dallas (+28.4%) increased its rented unit stock by more than 25 percent. Johnson (+12.0%) was the only other county to experience a double-digit percentage gain in renter-occupied units from 1990 to 2000.

When the last half century was examined, Iowa gained nearly 33,000 (+11.4%) occupied rental units, despite the fact that 77 counties experienced declines. Decreases greater than 1,000 among units that were rented in six counties (Calhoun, Kossuth, Page, Pocahontas, Wapello, Wright) were more than offset by gains that exceeded 10,000 in Johnson, Linn, and Polk from 1950 to 2000.

Note: The total number of housing units from the 2000 census may be revised slightly for some counties if challenges to the counts are upheld. However, numbers on other variables in this section will not be adjusted by the U.S. Bureau of the Census even if challenges to the total number of housing units are successful.

Population Trends in Iowa's Incorporated Places: 1850-2000

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In March of 2001, the U.S. Bureau of the Census released numbers of residents counted in the 2000 census for each of Iowa's incorporated places (Table 1). Of the 949 places in Iowa that existed in both 1990 and 2000, 554 gained residents in the 1990s, 387 lost population that decade, and 8 had identical totals at the beginning and the end of the period (Figure 1). Nearly 8 of every 10 places had changes of less than 100 in either direction; of course, many of these 758 had small populations as of 1990 and 2000. Only two (Clinton, Keokuk) had declines exceeding 1,000, while four others (Cherokee, Fort Dodge, Fort Madison, Knoxville) decreased by 500-999 residents. Forty-nine places had gains of at least 500, topped by increases greater than 10,000 in Cedar Rapids and West Des Moines. Ankeny, Clive, Des Moines, Marion, and Urbandale reported from 5,000 to 9,999 more inhabitants in 2000 than in 1990.

All places with at least 50,000 residents in 1990 gained population. In total, these eight cities had 33,900 more residents in 2000 than they did 10 years earlier. That's about a fifth of the increase in the entire state, which had 149,500 more inhabitants at the end of that decade.

The total increase was even greater among places with 10,000 to 49,999 residents. Of these cities, 16 gained and 6 declined from their 1990 figures. In sum, the total change was an increase of 48,300, or nearly a third of the state's gain from 1990 to 2000. Many of these places are suburbs or regional centers.

Small cities, including those with from 2,500 through 9,999 residents, also tended to increase. Of these 94 places in 1990, 66 had more residents in 2000. Collectively, they had 37,700 more residents at the end of the decade than at the beginning.

Iowa is a state of small towns. As of 1990, for example, there were 149 incorporated places with from 1,000 to 2,499 inhabitants, 181 with 500 to 999 residents, and 499 with fewer than 500 people residing in them. Many of them increased; for example, 102 of the towns with 1,000 to 2,499 residents gained from 1990 to 2000. So did 116 of those with 500-999 people in 1990 and 246 of the places with 499 or fewer residents.

Only in those towns with fewer than 100 people did more decline than gain or remain the same. Indeed, four of the places with fewer than 100 residents in 1990 disincorporated by 2000 (Donnan, Green Island, Moneta, Oneida) (Table 2). In 54 of the 89 places with fewer than 100 residents in 1990 that still were incorporated in 2000, population dropped that decade. Still, when all towns with fewer than 1,000 residents in 1990 were examined, the population in them increased by 11,000 according to the latest census. Thus, while small towns may be changing, most will continue to exist for decades based on trends occurring in the 1990s and earlier decades.

Iowa is indeed a state of cities and towns. More than three-quarters (77.4%) of the state's residents lived in incorporated places as of 2000. And nearly three of every five (58.4%) incorporated places gained population in the 1990s. That growth occurred in many small towns as well as in most of Iowa's larger cities.

Note: Challenges to counts released for 2000 may result in changes in the populations reported in Table 1.

Table 1. Population in Iowa's Incorporated Places, 1850-2000.

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Ackley	1809	1696	1900	1794	1731	1608	1586	1524	1529	1244	1445	1286	1517				Franklin, Hardin
Ackworth	85	66	83	111	77	95	67	82	95	119	134						Warren
Adair	839	894	883	750	742	827	874	950	952	900	879	722	306				Adair, Guthrie
Adel	3435	3304	2846	2419	2060	1799	1740	1669	1455	1289	1213	995	989	711	466		Dallas
Afton	917	953	985	823	773	936	987	1013	926	1014	1178	1045	1231	961			Union
Agency	622	616	657	610	702	524	452	371	429	322	408	442	566	630			Wapello
Ainsworth	524	506	547	455	371	396	415	359	391	408	404						Washington
Akron	1489	1450	1517	1324	1351	1251	1314	1304	1324	1130	1029	494					Plymouth
Albert City	709	779	818	683	722	736	759	563	567	261							Buena Vista
Albia	3706	3870	4184	4151	4582	4838	5157	4425	5067	4969	2889	2359	2435	1621	620		Monroe
Albion	592	585	739	772	588	492	476	436	392	457	440	384	495	475			Marshall
Alburnett	559	459	411	418	341	254	208	199	201								Linn
Alden	904	855	953	876	838	829	682	793	840	699	709	512	495				Hardin
Alexander	165	170	190	249	294	278	324	334	315	262							Franklin
Algona	5741	6015	6289	6032	5702	5415	4954	3985	3724	2908	2911	2068	1359	860			Kossuth
Alleman	439	340	307														Polk
Allerton	559	599	670	643	692	761	782	784	954	862	950	807	888				Wayne
Allison	1006	1000	1132	1071	952	771	708	603	520	495	463						Butler
Alta	1865	1820	1720	1717	1393	1348	1269	1297	1290	959	861	768	423				Buena Vista
Alta Vista	286	246	314	283	276	312	333	293	355	356	179						Chickasaw
Alton	1095	1063	986	1018	1048	1038	1025	1014	1007	1046	1009	708					Sioux
Altoona	10345	7242	5764	2883	1458	763	640	514	502	438	328	326	400				Polk
Alvord	187	204	246	204	238	263	306	313	359	283	249						Lyon
Ames	50731	47198	45775	39505	27003	22898	12555	10261	6270	4223	2422	1276	1153	636			Story
Anamosa	5494	5100	4958	4389	4616	3910	4069	3579	2881	2983	2891	2078	2083	2083	889		Jones
Andover	87	99	107	90	91	80	72	76	83	51							Clinton
Andrew	460	319	349	335	349	280	263	212	289	307	273	307	288	352		168	Jackson
Anita	1049	1068	1153	1101	1233	1112	1088	1106	1236	1118	968	695	479				Cass
Ankeny	27117	18482	15429	9151	2964	1229	779	632	648	445							Polk
Anthon	649	638	687	711	681	770	881	826	783	635	437						Woodbury
Aplington	1054	1034	1027	936	840	702	588	622	598	448	427	427					Butler
Arcadia	443	485	454	414	437	425	410	391	375	390	405	463	426				Carroll
Archer	126	145	134	134	209	167	178	150	184	351							O'Brien
Aredale	89	88	88	126	153	204	225	204									Butler
Arion	136	148	207	199	201	220	271	269	242	168	192						Crawford
Arispe	89	92	89	93	125	110	149	133	156	155							Union
Arlington	490	465	498	481	614	661	675	706	729	678	863	593	417				Fayette
Armstrong	979	1025	1153	1061	958	943	937	767	818	586	907						Emmet
Arnolds Park	1162	953	1051	970	953	1078	855	597	478	273	251						Dickinson
Arthur	245	272	288	273	265	243	254	249	290	215	162						Ida
Asbury	2450	2013	2017	410	71	52	27										Dubuque
Ashton	461	462	441	483	615	588	620	568	610	518	513	309					Osceola
Aspinwall	58	52	65	81	95	107	88	107	125								Crawford
Atalissa	283	357	360	244	212	204	181	187	198	220							Muscatine
Athelstan	18	31	45	65	75	115	143	141	150	148	255						Taylor
Atkins	977	637	678	581	527	387	330	314	202								Benton
Atlantic	7257	7432	7789	7306	6890	6480	5802	5585	5329	4560	5046	4351	3662	1200			Cass
Auburn	296	283	320	329	367	350	383	359	406	399	293	174					Sac
Audubon	2382	2524	2841	2907	2928	2808	2409	2255	2108	1928	1866	1310	792				Audubon
Aurelia	1062	1034	1143	1065	904	807	752	723	708	625	621	663	225				Cherokee
Aurora	194	196	248	229	223	225	276	281	284	287	331						Buchanan
Avoca	1610	1497	1650	1535	1540	1595	1598	1673	1482	1520	1627		1600				Pottawattamie
Ayrshire	202	195	243	243	298	334	391	343	361	337	329						Palo Alto

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Badger	610	569	653	465	340	301	251	254	244	212	240						Webster
Bagley	354	303	370	365	406	392	427	477	505	488	355						Guthrie
Baldwin	127	137	198	172	228	208	210	224	232	229	254	227	322				Jackson
Balltown	73	74	106	79	43	49	56										Dubuque
Bancroft	808	857	1082	1103	1000	901	959	854	902	830	839	657					Kossuth
Bankston	27	35	40	28	36	40	29										Dubuque
Barnes City	201	221	266	238	273	326	414	375	473	307	274						Mahaska, Poweshiek
Barnum	195	174	198	147	154	193	184	148	137	154	175						Webster
Bassett	74	74	128	152	130	125	147	149	135	130	149						Chickasaw
Batavia	500	520	525	525	533	524	474	478	560	560	533	307	328	310			Jefferson
Battle Creek	743	818	919	837	786	873	827	804	785	527	542	387	205				Ida
Baxter	1052	938	951	788	681	618	623	569	571	527	427						Jasper
Bayard	536	511	637	628	597	634	703	681	727	539	494	348					Guthrie
Beacon	518	509	530	338	718	371	382	350	381	623	953	570	727				Mahaska
Beaconsfield	11	27	39	48	71	104	148	201	170	148	177						Ringgold
Beaman	210	183	219	222	247	191	167	183	214	220	266	262	201				Grundy
Beaver	53	46	85	113	115	114	126	111	132								Boone
Bedford	1620	1528	1692	1733	1807	2000	2151	2100	2073	1883	1977	1643	1763	720			Taylor
Belle Plaine	2878	2834	2903	2810	2923	3056	3202	3239	3887	3121	3283	2623	1689	1488			Benton
Bellevue	2350	2239	2450	2336	2181	1932	1771	1717	1663	1776	1607	1394	1581	1353	929	362	Jackson
Belmond	2560	2500	2505	2358	2506	2169	2109	1733	1797	1224	1234	803					Wright
Bennett	395	395	458	385	374	357	352	305	362	243	238						Cedar
Benton	40	39	33	46	84	128	189	173	246	191	192						Ringgold
Berkley	24	39	49	56	58	71	105	82	68								Boone
Bernard	97	123	130	148	173	149	111	123	105	95	113						Dubuque
Bertram	681	201	216	177	170	128	90	102	96								Linn
Bettendorf	31275	28139	27381	22126	11534	5132	3143	2768	2178	909							Scott
Bevington	58	67	60	54	55	48	35	50	71								Madison, Warren
Birmingham	423	386	410	452	441	643	498	507	539	572	622	545	515	626		231	Van Buren
Blairsburg	235	269	288	287	287	257	276	274	272	241							Hamilton
Blairstown	682	672	695	612	583	523	525	488	540	532	592	583	652	682			Benton
Blakesburg	374	333	404	403	401	401	442	397	380	344				236	265		Wapello
Blanchard	61	67	101	139	174	214	259	347	429	408	520	432	321				Page
Blencoe	231	250	247	255	286	328	367	333	317	283	279						Monona
Blockton	192	213	280	273	343	407	488	537	524	648	704						Taylor
Bloomfield	2601	2580	2849	2718	2771	2688	2732	2226	2064	2028	2105	1913	1531	1553		287	Davis
Blue Grass	1169	1214	1377	1032	568	337	287	246	205	223							Scott
Bode	327	335	406	372	430	492	533	507	513	419	409						Humboldt
Bonaparte	458	465	489	517	574	642	653	678	656	597	898	762	689				Van Buren
Bondurant	1846	1584	1283	462	389	328	320	289	274	287	297						Polk
Boone	12803	12392	12602	12468	12468	12164	12373	11886	12451	10347	8880	6520	3330				Boone
Bouton	136	149	139	160	145	159	162	141	187								Dallas
Boxholm	215	214	267	242	250	304	285	280	296								Boone
Boyd	672	651	708	670	562	541	487	446	419	364	336	277					Sioux
Braddyville	176	219	199	207	176	249	242	267	294	283	236	175	214				Page
Bradgate	101	124	151	130	166	188	261	223	230	175	223						Humboldt
Brandon	311	320	337	432	322	319	324	308	343	200							Buchanan
Brayton	145	148	170	151	225	239	217	236	244	137	141	124	38				Audubon
Breda	477	467	502	518	543	506	532	481	419	374	395	256	109				Carroll
Bridgewater	178	209	233	188	225	296	302	327	343	365							Adair
Brighton	687	684	804	632	724	705	791	800	1014	776	807	861	836	785			Washington
Bristow	202	197	252	230	268	313	318	293	299	291	317	257	198				Butler
Britt	2052	2133	2185	2069	2042	1908	1813	1593	1619	1303	1540	818	345				Hancock

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Bronson	269	209	289	193													Woodbury
Brooklyn	1367	1439	1509	1410	1415	1323	1408	1345	1533	1233	1188	1202	1234	971	184		Poweshiek
Brunsville	146	137	140	125	128	112	109	134	111								Plymouth
Buckeye	110	105	154	143	190	192	194	219	188	140							Hardin
Buck Grove	49	55	84	41	40	67	80	86	91	87							Crawford
Buffalo	1321	1250	1569	1513	1088	695	588	547	487	456	372	379	400	368			Scott
Buffalo Center	963	1081	1233	1118	1140	1087	911	768	894	753	875						Winnebago
Burlington	26839	27208	29529	32366	32430	30613	25832	26755	24057	24324	23201	22565	19450	14930	6706	4082	Des Moines
Burt	556	575	689	608	620	572	613	580	626	495	504						Kossuth
Bussey	450	494	579	498	557	633	632	546	585	669	550						Marion
Calamus	394	379	452	396	435	381	384	374	399	270	287	216	163				Clinton
Callender	424	384	446	421	358	387	377	349	376	321	399						Webster
Calmar	1058	1026	1053	1008	954	937	903	915	1039	849	1003	813	617				Winneshiek
Calumet	181	160	212	219	225	250	274	249	266	242	113						O'Brien
Camanche	4215	4436	4725	3470	2225	1212	814	728	610	629	713	753	762	840			Clinton
Cambridge	819	714	732	661	587	573	608	639	739	696	667	432	223	200			Story
Cantril	257	271	299	258	299	353	376	370	440	445	356	356	252				Van Buren
Carbon	28	60	110	135	162	282	383	266	254	246							Adams
Carlisle	3497	3241	3073	2246	1317	903	690	663	640	592	553		395	200	138		Polk, Warren
Carpenter	130	102	109	122	177	165	156	110	144	121		116	131				Mitchell
Carroll	10106	9579	9705	8716	7682	6231	5389	4691	4254	3546	2882	2448	1385	384			Carroll
Carson	668	705	716	756	583	596	613	617	692	640	632	391					Pottawattamie
Carter Lake	3248	3200	3438	3268	2287	1183	846										Pottawattamie
Cascade	1958	1812	1912	1744	1601	1299	1376	1221	1249	1268	1266	955	762				Dubuque, Jones
Casey	478	441	473	561	589	703	709	785	908	735	568	452	473				Adair, Guthrie
Castalia	175	177	188	210	216	221	239	200	272	230							Winneshiek
Castana	178	159	228	211	230	265	336	334	389	364	355						Monona
Cedar Falls	36145	34298	36322	29597	21195	14334	9349	7362	6316	5012	5319	3459	3020	3070			Black Hawk
Cedar Rapids	120758	108772	110243	110642	92035	72296	62120	56097	45566	32811	25656	18020	10104	5940	1830		Linn
Center Junction	131	166	182	172	201	153	204	198	225	199	255	210	190				Jones
Center Point	2007	1693	1591	1456	1236	987	861	812	773	802	674	615	603	443			Linn
Centerville	5924	5936	6558	6531	6629	7625	8413	8147	8486	6936	5256	3668	2475	1037	820		Appanoose
Central City	1157	1063	1067	1116	1087	965	810	780	688	558	623	467					Linn
Centralia	101	123	106	105	85	78	57		267								Dubuque
Chariton	4573	4616	5116	5009	5042	5320	5754	5365	5175	3794	3989	3122	2977	1728	641		Lucas
Charles City	7812	7878	8778	9268	9964	10309	8681	8039	7350	5892	4227	2802	2421	2166			Floyd
Charlotte	421	359	442	444	417	427	393	407	464	356		231	294				Clinton
Charter Oak	530	497	615	715	665	710	776	688	750	734	772	567					Crawford
Chatsworth	89	103	110	90	84	102	144	159	150	131							Sioux
Chelsea	287	336	376	381	453	482	540	575	557	507	419	318	263				Tama
Cherokee	5369	6026	7004	7272	7724	7705	7469	6443	5824	4884	3865	3441	1523	438			Cherokee
Chester	151	158	175	185	211	226	234	238	237	266							Howard
Chillicothe	90	119	131	126	148	196	173	156	146	181	216	214	234	211			Wapello
Churdan	418	423	540	598	586	593	677	616	763	667	626	377					Greene
Cincinnati	428	363	598	570	583	703	859	911	1301	1355	1212	432	189				Appanoose
Clare	190	183	229	249	245	179	232	254	259	299	374						Webster
Clarence	1008	936	1001	915	859	791	685	659	693	662	675	629	607	726			Cedar
Clarinda	5690	5104	5458	5420	5901	5086	4905	4962	4511	3832	3276	3262	2011	1022	427		Page
Clarion	2968	2703	3060	2972	3232	3150	2971	2578	2826	2065	1475	744	147	37			Wright
Clarksville	1441	1382	1424	1360	1328	1210	1240	1143	1003	895	849	735	818				Butler
Clayton	55	41	68	113	130	136	161	162	170	145							Clayton
Clearfield	371	417	433	430	504	547	615	607	665	625	698	452					Ringgold, Taylor
Clear Lake	8161	8183	7458	6430	6158	4977	3764	3066	2804	2014	1706	1130	1095	775			Cerro Gordo

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Cleghorn	250	275	275	274	228	246	236	238	232	186							Cherokee
Clemons	148	173	175	178	198	202	207	241	216	213							Marshall
Clermont	716	523	602	582	570	625	626	631	681	510	513	488	553				Fayette
Clinton	27772	29201	32828	34719	33589	30379	26270	25726	24151	25577	22698	13619	9052	6129			Clinton
Clio	91	103	106	113	120	162	200	229	299	178	218						Wayne
Clive	12855	7462	6064	3005	752												Polk
Clutier	229	219	249	275	292	302	354	350	299	186							Tama
Coburg	31	58	52	36	54	83	162	200	170	177	164	60	83				Montgomery
Coggon	745	645	639	656	672	604	512	503	553	471	498						Linn
Coin	252	278	316	294	346	407	457	536	603	591	574						Page
Colesburg	412	439	463	379	365	326	306	340	337	271	274						Delaware
Colfax	2223	2462	2234	2293	2331	2279	2222	2213	2504	2524	2053	957	620				Jasper
College Springs	246	230	307	295	290	368	430	484	495	626	693	491	531				Page
Collins	499	455	451	404	435	432	516	489	570	521	540						Story
Colo	868	771	808	606	574	538	539	532	507	463	391	261	296	226			Story
Columbus City	376	328	367	312	327	350	326	263	346	375	388	459	605				Louisa
Columbus Junction	1900	1616	1429	1205	1016	1123	975	867	988	1185	1099	953	793	850	519		Louisa
Colwell	76	94	91	100	119	122	93	87									Floyd
Conesville	424	334	301	295	248	252	302	254	307	347			244				Muscatine
Conrad	1055	964	1133	932	799	649	591	536	560	549	483	157					Grundy
Conway	63	57	93	91	82	168	246	266	253	283	348	379	423				Taylor
Coon Rapids	1305	1266	1448	1381	1560	1676	1533	1303	1328	1084	1017	873	54				Carroll
Coppock	57	50	47	58	61	81	93	93	104	105							Henry, Jeff., Wash.
Coralville	15123	10347	7687	6130	2357	977	433	254	150	151	125	173	347				Johnson
Corning	1783	1806	1939	2095	2041	2104	2162	2026	1840	1702	2145	1682	1526				Adams
Correctionville	851	897	935	870	912	992	1151	1058	1016	893	935	869	86				Woodbury
Corwith	350	354	480	438	488	480	481	481	635	455	651	347					Hancock
Corydon	1591	1675	1818	1745	1687	1870	1872	1768	1867	1669	1477	962	801	618	254		Wayne
Cotter	48	53	60	55	52	49	72	118	100								Louisa
Coulter	262	252	264	262	315	271	236	266	277	198							Franklin
Council Bluffs	58268	54315	56449	60348	55641	45429	41439	42048	36162	29292	25802	21474	18063	10020	2011		Pottawattamie
Craig	102	116	105	98	117	142	165	155	156								Plymouth
Crawfordsville	295	265	290	288	317	286	316	291	337	322	268			249			Washington
Crescent	537	469	547	284	296												Pottawattamie
Cresco	3905	3669	3860	3927	3809	3638	3530	3069	3195	2658	2806	2018	1875	912			Howard
Creston	7597	7911	8429	8234	7667	8317	8033	8615	8034	6924	7752	7200	5081	411			Union
Cromwell	120	120	157	168	138	147	165	173	143	208	208			166			Union
Crystal Lake	285	266	314	276	267	286	301	271	191	143	246						Hancock
Cumberland	281	295	351	385	425	493	578	595	561	552	591						Cass
Cumming	162	132	151	189	148	131	139	149									Warren
Curlew	62	56	85	95	134	151	183	178	204	161							Palo Alto
Cushing	246	241	270	204	261	248	258	270	286	254	237						Woodbury
Cylinder	110	112	119	133	161	143	175	157	174	129	118						Palo Alto
Dakota City	911	1024	1072	746	706	637	537	448	439	391	362	353	248	162			Humboldt
Dallas Center	1595	1454	1360	1128	1083	944	865	852	864	769	625	445	450	133			Dallas
Dana	84	71	110	118	123	184	153	195	163	183							Greene
Danbury	384	430	492	527	510	601	728	656	677	558	480	423	69				Woodbury
Danville	914	926	994	948	579	450	309	327	289	263							Des Moines
Davenport	98359	95333	103264	98469	88981	74549	66039	60751	56727	43028	35254	26872	21831	20038	11267	1848	Scott
Davis City	275	257	327	301	346	432	556	548	476	489	617	594	348				Decatur
Dawson	155	174	229	232	257	286	289	262	300	275							Dallas
Dayton	884	818	941	909	820	793	732	713	836	717	753	669	239				Webster
Decatur City	199	177	199	198	203	196	275	282	300	311	367	215	235				Decatur

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Decorah	8172	8063	8068	7237	6435	6060	5303	4581	4039	3592	3246	2801	2951	2110			Winneshiek
Dedham	280	264	321	325	322	360	392	327	360	355	374	273					Carroll
Deep River	288	345	323	323	329	379	443	392	487	467	403	291					Poweshiek
Defiance	346	312	383	392	386	368	428	411	389	411	387	323					Shelby
Delaware	188	176	170	153	167	192	198	165	194								Delaware
Delhi	458	485	511	527	464	383	421	399	390	375				413			Delaware
Delmar	514	517	633	599	556	415	434	480	527	548	592	518	410				Clinton
Deloit	288	296	345	279	222	235	281	280	260	208				103			Crawford
Delphos	25	23	45	35	48	74	90	79									Ringgold
Delta	410	409	482	475	514	562	602	588	688	728	691	409	416				Keokuk
Denison	7339	6604	6675	6218	4930	4554	4361	3905	3581	3133	2771	1782	1441	326			Crawford
Denver	1627	1600	1647	1169	831	635	556	500	462	224	102						Bremer
Derby	131	135	171	161	151	194	269	280	334	326							Lucas
Des Moines	198682	193189	191003	201404	208982	177965	159819	142559	126468	86368	62139	50093	22408	12035	3965	502	Polk
De Soto	1009	1033	1035	369	273	280	274	319	261	356	345	328	347				Dallas
De Witt	5049	4514	4512	3647	3224	2644	2205	2041	1849	1634	1383	1359	1608	1749			Clinton
Dexter	689	628	678	652	670	643	760	748	790	767	795	607	704				Dallas
Diagonal	312	298	362	327	443	472	603	577	569	509	383						Ringgold
Dickens	202	214	289	240	241	311	378	333	337	255							Clay
Dike	944	875	987	794	630	517	408	417	453	286							Grundy
Dixon	276	228	312	276	280	208	226	193	197	198							Scott
Dolliver	77	103	125	95	122	130	179	158	171	107							Emmet
Donahue	293	316	289	216	133	105	89	98	101	64							Scott
Donnellson	963	940	972	798	709	589	515	581	456	337	270						Lee
Doon	533	476	537	437	436	517	576	576	576	581	545						Lyon
Dougherty	80	107	128	133	177	212	215	215	200	171							Cerro Gordo
Dow City	503	439	616	571	531	524	642	588	572	462	462	451	291				Crawford
Dows	675	660	771	777	882	948	945	926	1145	892	818						Franklin, Wright
Drakesville	185	172	212	163	197	222	252	190	261	249	238	303	300	207		108	Davis
Dubuque	57686	57538	62374	62309	56606	49671	43892	41679	39141	38494	36297	30311	22254	18434	13000	3108	Dubuque
Dumont	676	705	815	724	719	718	762	698	609	550	433						Butler
Duncombe	474	488	504	418	355	378	341	354	442	418	350						Webster
Dundee	179	174	164	166	185	176	193	190	195								Delaware
Dunkerton	749	746	718	563	507	409	360	327	295	276	217						Black Hawk
Dunlap	1139	1251	1374	1292	1254	1409	1550	1522	1455	1155	1355	1088	1246				Harrison
Durango	24	34	41	55	37	71	42		37								Dubuque
Durant	1677	1549	1583	1472	1266	1075	810	733	775	720	560	505	475	373	127		Cedar, Muscatine, Scott
Dyersville	4035	3696	3825	3437	2818	2416	2138	2046	1933	1511	1323	1272	975				Delaware, Dubuque
Dysart	1303	1230	1355	1251	1197	1089	986	971	955	906	902	775	516				Tama
Eagle Grove	3712	3671	4324	4489	4381	4176	4024	4071	4433	3387	3557	1881					Wright
Earlham	1298	1157	1140	974	788	771	865	897	803	749	630	302	260	222			Madison
Earling	471	466	520	573	431	341	320	358	321	323	340						Shelby
Earlville	900	822	844	751	668	661	687	615	619	552	618	569	450				Delaware
Early	605	649	670	727	824	742	644	632	568	500	579	277					Sac
East Peru	153	132	124	184	173	204	267	304	253	371	252						Madison
Eddyville	1064	1036	1116	945	1014	941	984	888	961	1085	1230	815	909	1212	912		Mahaska, Monroe, Wapello
Edgewood	923	842	900	786	767	696	716	638	617	555	565						Clayton, Delaware
Elberon	245	203	194	203	211	225	256	254	349	336	344						Tama
Eldon	998	1070	1255	1319	1386	1457	1676	1788	2091	2024	1850	1725	729				Wapello
Eldora	3035	3038	3063	3223	3225	3107	3553	3200	3189	1995	2233	1577	1584	1268			Hardin
Eldridge	4159	3378	3279	1535	583	376	283	245	234	217	207						Scott
Elgin	676	637	702	613	644	642	638	610	623	564	635	369	428				Fayette
Elkader	1465	1510	1688	1592	1526	1584	1556	1382	1223	1181	1321	745	851	697	440		Clayton

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Elkhart	362	388	256	269	260	222	215	218	196	132							Polk
Elk Horn	649	672	746	667	679	566	486	513	589								Shelby
Elkport	88	82	98	87	100	99	130	116	202	210	326						Clayton
Elk Run Heights	1052	1088	1186	1175	1124												Black Hawk
Elliott	402	399	493	423	459	482	548	556	586	528	516	317	177				Montgomery
Ellston	57	44	60	76	116	158	195	212	212	205	242						Ringgold
Ellsworth	531	451	480	443	493	439	444	405	512	406	319						Hamilton
Elma	598	653	714	601	706	731	790	771	874	807	976						Howard
Ely	1149	517	425	275	226	155	170	172	174	161							Linn
Emerson	480	476	502	484	521	556	498	512	475	478	502	404	456				Mills
Emmetsburg	3958	3940	4621	4150	3887	3760	3374	2865	2762	2325	2361	1584	879	44			Palo Alto
Epworth	1428	1303	1380	1132	698	536	454	464	468	520	549	348					Dubuque
Essex	884	916	1001	770	767	763	762	806	727	776	710	564	617				Page
Estherville	6656	6720	7518	8108	7927	6719	5651	4940	4699	3404	3237	1475	138				Emmet
Evansdale	4526	4638	4798	5038	5738	3571											Black Hawk
Everly	647	706	796	699	668	547	523	482	480	392							Clay
Exira	810	955	978	966	1111	1129	1046	937	840	787	851	575	604	161	83		Audubon
Exline	191	187	217	224	223	342	481	437	755	660		76	34				Appanoose
Fairbank	1041	1018	980	810	650	653	631	629	657	618	644	448	223				Buchanan, Fayette
Fairfax	889	780	683	635	528	335	262										Linn
Fairfield	9509	9768	9428	8715	8054	7299	6773	6619	5948	4970	4689	3391	3086	2226	1692	909	Jefferson
Farley	1334	1348	1287	1096	920	745	739	657	651	676	513	582	471				Dubuque
Farmersburg	300	291	276	232	250	263	296	275	290	259	143						Clayton
Farmington	756	655	869	800	902	899	968	1012	1086	1165	1332	1002	781	640		585	Van Buren
Farnhamville	430	414	461	393	409	399	425	365	380	332	348	137					Calhoun, Webster
Farragut	509	498	603	521	495	495	496	523	494	431	514	406	380				Fremont
Fayette	1300	1317	1515	1947	1597	1469	1162	1083	1085	1112	1315	1062	995				Fayette
Fenton	317	346	394	403	440	446	385	381	391	211							Kossuth
Ferguson	126	166	173	203	186	178	183	175	207	127							Marshall
Fertile	360	382	372	394	386	397	276	238	223	207							Worth
Floris	153	172	187	145	187	215	247	209	252								Davis
Floyd	361	359	408	380	401	440	352	350	308	332	353						Floyd
Fonda	648	731	863	980	1026	1120	1188	1027	1136	978	1180	625	168				Pocahontas
Fontanelle	692	712	805	752	729	812	797	833	869	789	853	830	563				Adair
Forest City	4362	4430	4270	3841	2930	2766	2545	2016	2145	1691	1758	895	688	155			Hancock, Winnebago
Fort Atkinson	389	367	374	339	353	273	261	305	315	289	264	480	435				Winneshiek
Fort Dodge	25136	25894	29423	31263	28399	25115	22904	21895	19347	15543	12162	4871	3586	3095	672		Webster
Fort Madison	10715	11618	13520	13996	15247	14954	14063	13779	12066	8900	9278	7901	4679	4011	2886	1509	Lee
Fostoria	230	205	261	219	167	147	136	142	119								Clay
Franklin	136	152	142	111	174	146	80	92	119	138	210	333	367	628	449		Lee
Fraser	137	120	139	143	134	219	263	309	391	537							Boone
Fredericksburg	984	1011	1075	912	797	701	649	567	624	558	565	321	203				Chickasaw
Frederika	199	188	223	190	249	210	236	204	210	149	170						Bremer
Fredonia	251	201	224	168	147	133	147	165					157	150		369	Louisa
Fremont	704	701	730	480	461	471	490	450	544	501	542						Mahaska
Fruitland	703	511	461														Muscatine
Galt	30	43	60	50	75	117	156	167	134								Wright
Galva	368	398	420	412	469	492	496	530	539	357	456						Ida
Garber	103	118	140	148	148	153	158	120	189	131							Clayton
Garden Grove	250	229	297	285	335	417	558	558	666	611	651	554	549				Decatur
Garnavillo	754	727	723	634	662	581	461	365	314	342							Clayton
Garner	2922	2916	2908	2257	1990	1696	1549	1241	1311	1028	1288	679	321				Hancock
Garrison	413	320	411	383	421	457	459	432	437	438	482	367	255				Benton

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Garwin	565	533	626	563	546	518	517	450	587	425	470						Tama
Geneva	171	169	218	201	219	242	268	249	244	199							Franklin
George	1051	1066	1241	1194	1200	1210	1107	907	788	606	394						Lyon
Gibson	92	63	75	80	77												Keokuk
Gilbert	987	796	805	521	318	297	226	221	221	235							Story
Gilbertville	767	748	740	655	533	399	259	241	212								Black Hawk
Gillett Grove	55	67	93														Clay
Gilman	600	586	642	513	491	508	483	428	490	430	465	473	553				Marshall
Gilmore City	556	560	626	766	688	746	908	896	919	689	687						Humboldt, Pocahontas
Gladbrook	1015	881	970	961	949	862	945	891	961	869	842	556					Tama
Glenwood	5358	4960	5280	4421	4783	4664	4501	4269	3862	4052	3040	1890	1793	1291	614		Mills
Glidden	1253	1099	1076	964	993	996	941	854	867	850	733	532	584	177			Carroll
Goldfield	680	710	789	722	682	665	715	700	749	618	628	343	99				Wright
Goodell	174	201	220	218	231	242	236	210	245	240	254						Hancock
Goose Lake	232	221	274	218	191	148	145	128	97	110		42	61				Clinton
Gowrie	1038	1028	1089	1225	1127	1052	1028	1059	895	829	681	526	261				Webster
Graettinger	900	813	923	907	879	1016	928	777	779	556	388						Palo Alto
Graf	73	66	98	70	47	44	37		281								Dubuque
Grafton	290	282	255	254	273	278	256	249	233	183	156						Worth
Grand Junction	964	808	970	967	949	1036	1125	1025	1010	1012	1113	932	752	444			Greene
Grand Mound	676	619	674	627	565	526	526	438	463	428	355	247	234				Clinton
Grand River	225	171	188	211	284	350	374	395	425	333	326						Decatur
Grandview	600	514	473	357	300	311	315	321	341	374		344	422	356			Louisa
Granger	583	624	619	661	468	300	324	319	324	225							Dallas
Grant	102	123	143	152	180	237	231	242	282								Montgomery
Granville	325	298	336	383	381	350	361	390	358	400	351						Sioux
Gravity	218	218	245	286	275	369	514	465	464	475	549	210					Taylor
Gray	82	83	108	145	162	183	182	194	196	148	180						Audubon
Greeley	276	284	313	323	369	360	403	343	410	383	488						Delaware
Greene	1099	1142	1332	1363	1427	1347	1303	1268	1375	1150	1192	845	711				Butler
Greenfield	2129	2074	2243	2212	2243	2102	1869	1837	1707	1379	1300	1048	684				Adair
Greenville	93	84	122	117	173	173	169	168	167								Clay
Grimes	5098	2653	1973	834	697	582	489	468	524	733	186						Polk
Grinnell	9105	8902	8868	8402	7367	6828	5210	4949	5362	5036	3860	3332	2415	1482	392		Poweshiek
Griswold	1039	1049	1176	1181	1207	1149	1132	1139	1264	949	900	752	350				Cass
Grundy Center	2596	2491	2880	2712	2403	2135	2012	1793	1749	1354	1322	1161	950				Grundy
Gruver	106	102	145	135	140	135	138	126	118								Emmet
Guernsey	70	70	83	94	108	113	121	177	167	143							Poweshiek
Guthrie Center	1668	1614	1713	1834	2071	2042	2066	1813	1727	1337	1193	1037	571				Guthrie
Guttenberg	1987	2257	2428	2177	2087	1912	1860	1918	1666	1873	1620	1160	1076	1040	1104		Clayton
Halbur	202	215	229	235	214	235	209	192	186	147							Carroll
Hamburg	1240	1248	1597	1649	1647	2086	2187	2103	2017	1817	2079	1634	2036	1431	167		Fremont
Hamilton	144	115	163	186	197	245	291	296	474	391	538			133	107		Marion
Hampton	4218	4133	4630	4376	4501	4432	4006	3473	2992	2617	2727	2067	1598	588			Franklin
Hancock	207	201	254	228	252	264	256	312	276	250	276	167					Pottawattamie
Hanlontown	229	193	213	182	193	257	260	190	202	129							Worth
Hansell	96	83	138	124	168	190	183	172	163								Franklin
Harcourt	340	306	347	305	268	303	282	264	307	247	192						Webster
Hardy	57	47	72	73	110	139	168	147	128								Humboldt
Harlan	5282	5148	5357	5049	4350	3915	3727	3145	2831	2570	2422	1765	1304	128	47		Shelby
Harper	134	147	138	173	177	182	208	212	247	232	269	253	254				Keokuk
Harpers Ferry	330	284	258	227	211	252	361	289	328	297							Allamakee
Harris	200	170	228	195	258	319	309	328	359	239	217						Osceola

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Hartford	759	768	761	582	271	221	207	207	218					295	320		Warren
Hartley	1733	1632	1700	1694	1738	1611	1503	1272	1306	1106	1006	519					O'Brien
Hartwick	83	115	92	101	126	107	122	122	107								Poweshiek
Harvey	277	235	275	217	270	346	418	348	422	346							Marion
Hastings	214	187	215	229	260	308	403	389	424	393	404	322	440				Mills
Havelock	177	217	279	248	289	307	326	339	331	241	397						Pocahontas
Haverhill	170	144	173	160													Marshall
Hawarden	2478	2439	2722	2789	2544	2625	2681	2459	2491	2107	1810	744					Sioux
Hawkeye	489	460	512	529	516	511	544	530	582	510	518		21				Fayette
Hayesville	64	62	93	93	122	137	120	133	124								Keokuk
Hazelton	950	733	877	626	665	550	536	499	517	444	500						Buchanan
Hedrick	837	810	847	790	762	733	731	810	901	978	1035	592					Keokuk
Henderson	171	206	236	211	191	208	217	237	232	240	244	201					Mills
Hepburn	39	41	42	38	49	64	81	140	108	110	118	75					Page
Hiawatha	6480	4986	4885	2416	1336												Linn
Hills	679	662	547	507	310	248	232	211	231	195							Johnson
Hillsboro	205	169	208	252	218	253	280	281	318								Henry
Hinton	808	697	659	488	403	345	340	289	263	329							Plymouth
Holland	250	215	278	258	264	221	202	175	165	168	175						Grundy
Holstein	1470	1449	1477	1445	1413	1336	1296	1300	1248	936	870	539					Ida
Holy Cross	339	293	310	290	157	139	123	111	98	143	115						Dubuque
Hopkinton	681	695	774	800	768	731	841	758	759	797	767	668	645				Delaware
Hornick	253	222	239	250	275	310	291	309	296	245	284						Woodbury
Hospers	672	643	655	646	600	604	592	548	570	581	415						Sioux
Houghton	130	127	124	119													Lee
Hubbard	885	814	852	846	806	836	779	795	681	568	676	452					Hardin
Hudson	2117	2037	2267	1535	1085	613	492	470	408	372	359						Black Hawk
Hull	1960	1724	1714	1523	1289	1127	1072	905	791	658	626	566					Sioux
Humboldt	4452	4438	4794	4665	4031	3219	2819	2251	2232	1809	1474	1075	606	335			Humboldt
Humeston	543	553	671	673	638	750	903	924	1214	1006	945	642					Wayne
Huxley	2316	2047	1884	937	486	422	392	362	366	336							Story
Ida Grove	2350	2357	2285	2261	2265	2202	2238	2206	2020	1874	1967	1563	759	30			Ida
Imogene	66	88	188	192	264	274	280	303	268	341	296	279	158				Fremont
Independence	6014	5972	6392	5910	5498	4865	4342	3691	3672	3517	3656	3163	3128	2945	1395		Buchanan
Indianola	12998	11340	10843	8852	7062	5145	4123	3488	3628	3283	3261	2254	2146	1428	836		Warren
Inwood	875	824	755	644	638	644	634	670	746	595	477						Lyon
Ionia	277	304	350	270	265	301	283	246	280	298	306						Chickasaw
Iowa City	62220	59735	50508	46850	33443	27212	17182	15340	11267	10091	7987	7016	7123	5914	5214	1250	Johnson
Iowa Falls	5193	5435	6174	6454	5565	4900	4425	4112	3954	2797	2840	1796	955				Hardin
Ireton	585	597	588	582	510	573	653	612	730	631	545	412					Sioux
Irwin	372	394	427	446	425	381	345	357	311	278	295						Shelby
Jackson Junction	60	87	94	106	89	107	122	126	130	160	171						Winneshiek
Jamaica	237	232	275	271	256	303	283	311	295	379							Guthrie
Janesville	829	822	840	741	648	445	366	331	261	269	311						Black Hawk, Bremer
Jefferson	4626	4292	4854	4735	4570	4326	4088	3431	3416	2477	2601	1875	1444	779			Greene
Jesup	2212	2121	2343	1662	1488	1158	902	736	774	697	690	573	569				Buchanan
Jewell	1239	1106	1145	1152	1113	973	1051	950	1090	941	947	414					Hamilton
Johnston	8649	4702	2526	222													Polk
Joice	231	245	223	201	231	244	263	225	233								Worth
Jolley	54	68	91	112	120	195	161	174	300	250	266						Calhoun
Kalona	2293	1942	1862	1488	1235	947	765	704	632	466	530	211					Washington
Kamrar	229	203	225	243	268	261	288	286	256	262	223						Hamilton
Kanawha	739	763	756	822	735	747	767	609	659	398							Hancock

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Kellerton	372	314	278	299	341	483	563	540	693	503	458	277	169				Ringgold
Kelley	300	246	237	235	239	244	159	179	192	231	187						Story
Kellogg	606	626	654	607	623	670	648	580	603	610	653	700	772				Jasper
Kensett	280	298	360	361	409	424	392	394	338	360	459						Worth
Kent	52	65	70	86	94	169	138	177	183	158							Union
Keokuk	11427	12451	13536	14631	16316	16144	15076	15106	14423	14008	14641	14101	12117	12766	8136	2478	Lee
Keomah	97	99	99														Mahaska
Keosauqua	1066	1020	1003	1018	1023	1101	1040	855	851	1009	1117	831	883	869		705	Van Buren
Keota	1025	1000	1034	1112	1096	1145	1032	955	1025	988	996	777	710				Keokuk
Keswick	295	284	300	257	265	276	307	358	354								Keokuk
Keystone	687	568	618	549	522	438	466	499	558	412	405						Benton
Kimballton	342	289	362	343	380	428	349	378	382	271							Audubon
Kingsley	1245	1129	1209	1097	1044	1098	1145	1093	1072	977	720	649					Plymouth
Kinross	80	89	79	98	103	105	109	137	138	142	132						Keokuk
Kirkman	76	98	95	72	92	131	185	183	204	180	203						Shelby
Kirkville	214	177	220	222	203	213	241	206	210	299	402	714	280	236			Wapello
Kiron	273	301	317	275	271	255	260	259	294	207	89						Crawford
Klenme	593	587	620	554	615	555	528	463	468	306	262						Hancock
Knierim	70	71	125	131	153	133	159	121	173	220							Calhoun
Knoxville	7731	8232	8143	7755	7817	7625	6936	4697	3523	3190	3131	2632	2577	800	1124		Marion
Lacona	360	357	376	424	396	430	424	443	502	517	496	301	282				Warren
Ladora	287	308	289	321	307	273	300	284	340	260	239	224	211				Iowa
Lake City	1787	1841	2006	1910	2114	2308	2216	2012	2110	2043	2703	1160	249	103			Calhoun
Lake Mills	2140	2143	2281	2124	1758	1560	1677	1474	1529	1214	1293	604	414				Winnebago
Lake Park	1023	996	1123	918	952	924	828	708	789	552	541						Dickinson
Lakeside	484	522	589	353	306	219	103										Buena Vista
Lake View	1278	1303	1291	1249	1165	1158	1082	993	838	514	591	366					Sac
Lakota	255	281	330	385	459	443	457	409	472	436	384						Kossuth
Lambs Grove	225	212	228	239	234												Jasper
Lamoni	2444	2319	2705	2540	2173	2196	1567	1739	1787	1541	1540						Decatur
Lamont	503	471	554	498	554	574	589	521	495	571	636						Buchanan
La Motte	272	260	322	326	323	280	272	275	327	288	272	154	161				Jackson
Lanesboro	152	182	196	203	258	280	289	270	282	268							Carroll
Lansing	1012	1007	1181	1227	1325	1536	1388	1321	1447	1542	1438	1668	1811	1755			Allamakee
La Porte City	2275	2128	2324	2256	1953	1770	1594	1470	1443	1233	1419	1052	1006				Black Hawk
Larchwood	788	739	701	611	531	415	405	382	441	434	450						Lyon
Larrabee	149	175	169	167	167	158	189	189	206	158	125						Cherokee
Latimer	535	430	441	393	445	434	416	352	359	378							Franklin
Laurel	266	271	278	245	223	257	232	232	195	179							Marshall
Laurens	1476	1550	1606	1792	1799	1556	1304	1071	914	817	853	318					Pocahontas
Lawler	461	517	534	513	532	539	542	476	631	601	646	464	487				Chickasaw
Lawton	697	482	447	406	324	254	263	259	243	138							Woodbury
Le Claire	2847	2734	2899	2520	1546	1124	881	691	724	690	997	906	1061	1093	1448		Scott
Ledyard	147	164	215	240	289	327	317	245	246	222	257						Kossuth
Le Grand	883	854	921	565	465	393	329	382	320	338	408						Marshall
Lehigh	497	536	654	739	846	881	1004	996	1090	928	806	870					Webster
Leighton	153	142	137	140	167	118	128	115	130								Mahaska
Leland	258	311	274	223	209	209	235	164	180	188	215						Winnebago
Le Mars	9237	8454	8276	8159	6767	5844	5353	4788	4683	4157	4146	4036	1895				Plymouth
Lenox	1401	1303	1338	1215	1178	1171	1220	1171	1197	1274	1014	706	615				Adams, Taylor
Leon	1983	2047	2094	2142	2004	2139	2307	2006	2193	1991	1905	1422	1367	820			Decatur
Le Roy	13	34	31	43	70	91	129	142	174	185							Decatur
Lester	251	257	274	238	239	217	286	231	250	244	225						Lyon

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Letts	392	390	473	434	392	404	362	329	417	433	387	325	300	88			Louisa
Lewis	438	433	497	526	501	511	557	589	607	603	613	579	550	400			Cass
Libertyville	325	264	281	329	368	311	310	258	321								Jefferson
Lidderdale	186	202	197	173	201	180	208	211	163	114							Carroll
Lime Springs	496	438	476	497	581	551	567	539	595	498	605	550	470				Howard
Lincoln	182	173	202	184	183	194	167	162	146								Tama
Linden	226	201	264	278	258	290	298	314	267	315	314						Dallas
Lineville	273	289	319	385	452	482	520	531	707	600	690	606	622				Wayne
Linn Grove	211	194	205	240	330	320	402	360	433								Buena Vista
Lisbon	1898	1452	1458	1329	1227	952	873	795	803	846	956	1079	776		582		Linn
Liscomb	272	258	296	328	295	278	340	326	347	354	338	313	452				Marshall
Littleport	26	88	106	97	119	139	170	203	191	166							Clayton
Little Rock	489	493	490	531	564	533	633	585	573	471	399						Lyon
Little Sioux	217	205	251	239	295	349	434	400	436	390	427	400	369				Harrison
Livermore	431	436	490	510	545	615	736	666	648	578	618	459	168				Humboldt
Lockridge	275	270	271	232	206	233	279	231	230								Jefferson
Logan	1545	1401	1540	1526	1605	1550	1700	1654	1637	1453	1377	827	644				Harrison
Lohrville	431	453	521	553	653	698	776	776	727	674	597	435					Calhoun
Lone Rock	157	185	169	166	185	188	170	159	193								Kossuth
Lone Tree	1151	979	1014	834	717	639	651	627	673	782	600						Johnson
Long Grove	597	605	596	269	182	156	139	134	158								Scott
Lorimor	427	377	405	346	460	505	614	577	678	645	587						Union
Lost Nation	497	467	524	547	567	557	493	493	537	523		213	193				Clinton
Lovilia	583	566	637	640	630	619	852	727	958	552							Monroe
Lowden	794	726	717	667	641	642	645	697	655	584	544	405		486			Cedar
Low Moor	240	280	346	347	343	279	252	271	277	253	318						Clinton
Luana	249	190	246	225	276	220	204	186	181								Clayton
Lucas	243	224	292	247	357	420	534	514	614	666	1132	1320	981				Lucas
Luther	158	154	155	189	147	131	145	137	145	130							Boone
Lu Verne	299	328	418	380	468	553	576	570	610	501	534						Humboldt, Kossuth
Luxemburg	246	257	271	185	159	120	124	105	93								Dubuque
Luzerne	105	110	114	134	136	186	135	149	180	160	169			144			Benton
Lynnville	366	393	406	381	411	406	427	426	461	370	347	261	296				Jasper
Lytton	305	320	377	378	376	373	335	373	278								Calhoun, Sac
Macedonia	325	262	279	330	290	298	329	314	352	357	295						Pottawattamie
Macksburg	142	110	132	142	174	220	255	218	228	197	235	186	204				Madison
Madrid	2264	2395	2281	2448	2286	1829	2074	2061	1783	1191	1021	565	200				Boone
Magnolia	200	204	207	206	215	207	242	271	299	311				450			Harrison
Malcolm	352	447	418	388	416	406	447	381	413	377	404	372	416				Poweshiek
Mallard	298	360	407	384	431	399	438	449	431	331	292						Palo Alto
Maloy	28	36	38	45	68	90	95	112	121	127							Ringgold
Malvern	1256	1210	1244	1158	1193	1263	1325	1320	1195	1154	1166	1003	748				Mills
Manchester	5257	5137	4942	4641	4402	3987	3762	3413	3111	2758	2887	2344	2275	1492			Delaware
Manilla	839	898	1020	943	939	1035	1040	1032	1142	875	773	526					Crawford
Manly	1342	1349	1496	1294	1425	1473	1445	1447	1476	346	359						Worth
Manning	1490	1484	1609	1656	1676	1801	1748	1817	1863	1434	1169	1233					Carroll
Manson	1893	1844	1924	1993	1789	1622	1429	1382	1409	1236	1424	822	377				Calhoun
Mapleton	1416	1294	1495	1647	1686	1857	1824	1622	1367	1100	1099	782	379		113		Monona
Maquoketa	6112	6130	6313	5677	5909	4307	4076	3595	3626	3570	3777	3077	2467	1756	1090	168	Jackson
Marathon	302	320	442	447	516	565	597	573	520	532	659						Buena Vista
Marble Rock	326	361	419	461	442	470	660	441	483	480	573	433	409				Floyd
Marcus	1139	1171	1206	1272	1307	1263	1206	1138	1091	896	718	671	171				Cherokee
Marengo	2535	2270	2308	2235	2264	2151	2260	2112	2048	1786	2007	1710	1738	1693		50	Iowa

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Marion	26294	20422	19474	18028	10882	5916	4721	4348	4138	4400	4102	3094	1939	1822	1367		Linn
Marne	149	149	162	187	205	214	245	255	284	266	410						Cass
Marquette	421	479	528	509	572	641	747	814	923	588	616	509	519				Clayton
Marshalltown	26009	25178	26938	26219	22521	19821	19240	17373	15731	13374	11544	8914	6240	3218			Marshall
Martelle	280	290	316	341	247	228	215	185	156	178	158						Jones
Martensdale	467	491	438	306	316	161	172	139									Warren
Martinsburg	126	157	174	140	172	219	218	223	278	285	332	322	154				Keokuk
Marysville	54	65	84	91	113	165	203	149	234	319	322	348	340	266	75		Marion
Mason City	29172	29040	30144	30379	30642	27980	27080	23304	20065	11230	6746	4007	2510	1183			Cerro Gordo
Masonville	104	129	150	147	168	133	176	207	250	282							Delaware
Massena	414	372	518	433	456	459	479	475	500	490	475	279					Cass
Matlock	83	92	109	89	103	104	112	103	94	118	94						Sioux
Maurice	254	243	288	266	237	256	272	274	329	290	280						Sioux
Maxwell	807	788	783	758	773	802	812	721	811	754	810	453					Story
Maynard	500	513	561	503	515	455	432	409	387	382	495	371	270				Fayette
Maysville	163	170	151	170	126	70	44	57	85	55							Scott
McCallsburg	318	292	304	307	272	290	278	330	261	309							Story
McCausland	299	308	381	226	173	150	115	104	110	106							Scott
McClelland	129	139	177	146	150	159	165	161	142	134							Pottawattamie
McGregor	871	797	945	990	1040	1138	1309	1299	1289	1259	1498	1160	1602	2074	1989		Clayton
McIntire	173	147	197	234	270	300	300	268	514	487	427						Mitchell
Mechanicsville	1173	1075	1166	989	866	850	821	781	812	817	703	612	545	628	195		Cedar
Mediapolis	1644	1637	1685	1242	1040	834	806	793	780	858	725	489	423				Des Moines
Melbourne	794	669	732	661	517	510	480	426	481	423	366						Marshall
Melcher-Dallas	1298	1302															Marion
Melrose	130	150	218	192	214	310	451	417	450	459	400						Monroe
Melvin	243	250	277	325	364	325	328	301	282	195							Osceola
Menlo	365	356	410	391	421	421	441	500	476	382	428	389					Guthrie
Meriden	184	193	233	167	192	164	200	188	218	246	432	241					Cherokee
Merrill	754	729	737	790	645	605	547	605	633	520	389						Plymouth
Meservey	252	292	324	354	331	297	282	255	282	193	193						Cerro Gordo
Middletown	535	386	487	443	245	229	134	126	112								Des Moines
Miles	462	409	398	409	376	344	314	319	333	334	385						Jackson
Milford	2474	2170	2076	1668	1476	1375	1202	1062	908	575	485						Dickinson
Millersburg	184	188	184	187	186	200	177	198	210								Iowa
Millerton	48	44	72	82	90	140	163	162	159								Wayne
Millville	23	32	50	27													Clayton
Milo	839	864	778	561	468	525	528	542	560	519	585	318	100				Warren
Milton	550	506	567	567	609	719	809	771	845	913	849	643	412				Van Buren
Minburn	391	346	390	378	357	353	335	328	418	388	317						Dallas
Minden	564	539	483	433	355	328	310	377	381	423	328	287					Pottawattamie
Mingo	269	252	303	260	260	227	290	313	324	246							Jasper
Missouri Valley	2992	2888	3107	3519	3567	3546	3994	4230	3985	3187	4010	2797	1154				Harrison
Mitchell	155	170	193	233	237	168	161	177	195	231	245	309	295	829			Mitchell
Mitchellville	1715	1670	1530	1341	957	906	769	702	752	869	768	704	745				Polk
Modale	303	289	373	297	276	283	385	359	381	387	383	288					Harrison
Mondamin	423	403	423	420	436	489	610	534	508	420	384	257	158				Harrison
Monmouth	180	169	210	257	291	198	190	198	200	221	281						Jackson
Monona	1550	1520	1530	1395	1346	1346	1191	1163	1049	792	674	460	420				Clayton
Monroe	1808	1739	1875	1389	1366	1108	1015	936	936	800	917	952	982				Jasper
Montezuma	1440	1651	1485	1353	1416	1460	1477	1257	1273	1172	1210	1062	921	555	564		Poweshiek
Monticello	3607	3522	3641	3509	3190	2888	2546	2259	2257	2043	2104	1938	1877	1337			Jones
Montour	285	312	387	334	452	380	393	370	409	383	502	409	457				Tama

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Montrose	957	957	1038	735	632	643	592	621	549	708	748	778	983	905		454	Lee
Moorhead	232	259	264	271	313	392	421	372	381	366	200						Monona
Moorland	197	209	257	269	281	248	215	179	181	137							Webster
Moravia	713	679	706	699	621	652	731	684	837	682	632	311	173	161	172		Appanoose
Morley	88	85	94	123	124	157	119	117									Jones
Morning Sun	872	841	959	906	875	939	861	856	751	897	948	881	812	314	226		Louisa
Morrison	97	125	146	136	139	169	161	173	207	173	176	165	116				Grundy
Moulton	658	613	762	763	773	985	1181	1476	1387	1233	1420	769	681	678			Appanoose
Mount Auburn	160	134	188	200	186	216	223	196	249	228							Benton
Mount Ayr	1822	1796	1938	1762	1738	1793	1930	1704	1738	1646	1729	1265	1275	422			Ringgold
Mount Pleasant	8751	7959	7322	7007	7339	5843	4610	3743	3987	3874	4109	3997	4410	4245	3530	758	Henry
Mount Sterling	40	53	96	87	86	144	134	165	179	232							Van Buren
Mount Union	132	140	145	173	176	167	186	167	225	195							Henry
Mount Vernon	3390	3657	3325	3018	2593	2320	1489	1441	1466	1532	1629	1259	977	910			Linn
Moville	1583	1306	1273	1198	1156	964	973	911	878	552	507	295					Woodbury
Murray	766	731	703	620	613	767	857	828	847	796	949	666	491				Clarke
Muscatine	22697	22881	23467	22405	19813	19041	18286	16778	16068	16178	14073	11454	8295	6718			Muscatine
Mystic	588	545	665	696	761	1233	1822	1953	2796	2663	1758	875					Appanoose
Nashua	1618	1476	1846	1712	1737	1609	1439	1363	1317	1102	1268	1240	1116	817			Chickasaw
Nemaha	102	112	120	117	151	184	169	146	166								Sac
Neola	845	909	839	968	870	839	841	944	896	926	921	917	286				Pottawattamie
Nevada	6658	6009	5912	4952	4227	3763	3353	3133	2668	2138	2472	1662	1541	982	350		Story
New Albin	527	534	609	644	643	568	602	556	683	588	543	411	423				Allamakee
Newell	887	1089	913	877	893	884	854	812	809	728	762	540	348				Buena Vista
Newhall	886	854	899	701	495	366	330	336	293								Benton
New Hampton	3692	3660	3940	3621	3456	3323	2933	2458	2539	2275	2339	1314	1105	455			Chickasaw
New Hartford	659	683	764	690	649	584	548	500	454	482	570						Butler
New Liberty	121	139	136	141	145	126	125	103	116	93							Scott
New London	1937	1922	2043	1900	1694	1510	1340	1336	1144	1144	1003	580	658				Henry
New Market	456	454	554	501	506	573	681	630	745	673	600	320					Taylor
New Providence	227	240	249	208	206	212	236	262	255	246	268						Hardin
New Sharon	1301	1136	1225	944	1063	1089	1214	1052	1084	1122	1252	1026	805				Mahaska
Newton	15579	14799	15292	15619	15381	11723	10462	11560	6627	4616	3682	2564	2607	1983			Jasper
New Vienna	400	376	430	392	265	204	229	229	241	188	245						Dubuque
New Virginia	469	433	512	452	381	342	410	404	424	396							Warren
Nichols	374	366	375	396	329	348	357	369	387	396	398	237	286				Muscatine
Nodaway	132	153	185	176	204	233	270	334	340	323							Adams
Nora Springs	1532	1505	1572	1337	1275	1257	1198	1070	1055	985	1209	846	617				Floyd
Northboro	60	78	115	115	135	167	182	246	228	197							Page
North Buena Vista	124	145	155	118	150	148	203	183	144	162							Clayton
North English	991	944	990	965	1004	853	865	780	933	848	683						Iowa, Keokuk
North Liberty	5367	2926	2046	1055	334	309	282	161	171								Johnson
North Washington	118	107	142	134	156	159	138	110	124	132							Chickasaw
Northwood	2050	1940	2193	1950	1768	1767	1724	1554	1597	1264	1271	859	844	289			Worth
Norwalk	6884	5726	2676	1745	1328	435	377	336	331	315	287						Warren
Norway	601	583	633	554	516	441	407	448	463	479	533	401					Benton
Numa	109	151	205	165	202	248	322	399	602	659		125	122				Appanoose
Oakland	1487	1496	1552	1603	1340	1296	1317	1181	1188	1105	913	686					Pottawattamie
Oakland Acres	166	152	139														Jasper
Oakville	439	442	470	369	346	360	391	389	466	389							Louisa
Ocheyedan	536	539	599	545	662	700	712	627	686	595	599						Osceola
Odebolt	1153	1158	1299	1323	1331	1279	1350	1388	1445	1283	1432	1122	637				Sac
Oelwein	6692	6493	7564	7735	8282	7858	7801	7794	7455	6028	5142	830	397				Fayette

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Ogden	2023	1909	1953	1661	1525	1486	1513	1429	1451	1298	993	689	568				Boone
Okoboji	820	775	559	361	330	336	271	176									Dickinson
Olds	249	205	225	206	189	187	203	227	186	165							Henry
Olin	716	663	735	710	703	626	707	632	718	659	692	519	362				Jones
Ollie	224	207	232	268	291	298	294	294	385	289	238						Keokuk
Onawa	3091	2936	3283	3154	3176	3498	3438	2538	2256	2026	1933	1358	882	478			Monona
Onslow	223	216	218	253	269	244	230	210	218	207	263	237					Jones
Orange City	5582	4940	4588	3572	2707	2166	1920	1727	1632	1374	1457	1246	320				Sioux
Orchard	88	93	95	115	116	114	126	158	124								Mitchell
Orient	402	376	416	324	341	427	442	433	500	373	359	130	31				Adair
Orleans	583	560	546	396	280	317	244	126	123	105	92						Dickinson
Osage	3451	3439	3718	3815	3753	3436	3196	2964	2878	2445	2734	1913	2012	1400			Mitchell
Osceola	4659	4164	3750	3124	3350	3422	3281	2871	2684	2416	2505	2120	1769	1298			Clarke
Oskaloosa	10938	10600	10989	11224	11053	11124	11024	10123	9427	9466	9212	6558	4598	3204			Mahaska
Ossian	853	810	829	847	827	804	822	740	858	749	670	609	444				Winneshiek
Osterdock	50	49	35	59	45	51	78	92	103	97							Clayton
Otho	571	529	692	581	593												Webster
Oto	145	118	172	203	221	302	410	370	333	268	396	247					Woodbury
Ottosen	61	72	92	93	92	127	152	191	234	147							Humboldt
Ottumwa	24998	24488	27381	29610	33871	33631	31570	28075	23003	22012	18197	14001	9004	5214	1632		Wapello
Owasa	38	37	65	69	104	100	117	83									Hardin
Oxford	705	663	676	666	633	543	542	521	580	614	664	515	560				Johnson
Oxford Junction	573	581	600	666	725	663	705	759	807	822	780	752	349				Jones
Oyens	132	113	146	145	114	95	104	106	100	94							Plymouth
Pacific Junction	507	548	511	505	560	550	558	594	666	501	732	744	123				Mills
Packwood	223	208	210	157	215	211	256	208	294	264	284						Jefferson
Palmer	214	230	288	264	271	296	305	297	282	177							Pocahontas
Palo	614	514	529	430	387	285	250	205	224	208							Linn
Panama	212	201	229	221	257	230	255	256	220	232	221	379					Shelby
Panora	1175	1100	1211	982	1019	1062	1169	1014	966	1080	958	809	795	504	314		Guthrie
Panorama Park	111	127	145	219	140												Scott
Parkersburg	1889	1804	1968	1631	1468	1300	1260	1046	1108	938	1164	760	652				Butler
Parnell	220	209	234	175	200	206	263	262	325	369	318						Iowa
Paton	265	255	291	329	370	404	394	388	414	358	328	245	84				Greene
Patterson	126	128	138	120	157	133	166	123	136	147	163	133	186				Madison
Paullina	1124	1134	1224	1257	1329	1289	1230	1013	987	796	617	510					O'Brien
Pella	9832	9270	8349	6668	5198	4427	3638	3326	3338	3021	2623	2408	2430	1909	1644		Marion
Peosta	651	135	120	57	50	60	45										Dubuque
Perry	7633	6652	7053	6906	6442	6174	5977	5881	5642	4630	3986	2880	952				Dallas
Persia	363	312	355	316	322	373	395	396	380	358	361						Harrison
Peterson	372	390	470	469	565	589	603	598	580	480	521	371		44			Clay
Pierson	371	341	408	421	425	453	531	551	554	416	358						Woodbury
Pilot Mound	214	199	223	214	196	246	282	274	311	347	315						Boone
Pioneer	21	46	40	56	76	83	129	98	84	92							Humboldt
Pisgah	316	268	307	286	343	327	397	400	421	212							Harrison
Plainfield	438	455	469	446	445	387	362	293	303	288	320						Bremer
Plano	58	75	111	109	87	106	209	153	272								Appanoose
Pleasant Hill	5070	3671	3493	1535	397												Polk
Pleasanton	37	58	75	62	103	130	180	177	266	200	164						Decatur
Pleasant Plain	131	128	144	121	147	148	171	175	164	174	280						Jefferson
Pleasantville	1539	1536	1531	1297	1025	893	895	757	859	691	738	510	449				Marion
Plover	95	101	135	129	182	243	280	266	246								Pocahontas
Plymouth	429	453	463	461	422	395	427	388	366	358		246	239				Cerro Gordo

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Pocahontas	1970	2085	2352	2338	2011	1949	1730	1308	1302	987	625						Pocahontas
Polk City	2344	1908	1658	715	567	336	343	295	277	310	438	446	443				Polk
Pomeroy	710	762	895	765	816	868	843	826	874	815	910	481	185				Calhoun
Popejoy	78	92	112	147	190	201	199	207	204	200							Franklin
Portsmouth	225	209	240	239	232	299	320	328	280	347	316	250					Shelby
Postville	2273	1472	1475	1546	1554	1343	1194	1060	1039	952	984	884	732				Allamakee, Clayton
Prairieburg	175	213	197	182	226	210	193	163	176	187				116			Linn
Prairie City	1365	1366	1278	1141	943	834	831	793	780	764	808	684	591				Jasper
Prescott	266	287	349	305	331	372	400	442	429	426	446						Adams
Preston	949	1025	1120	950	819	684	602	596	648	642	593	489					Jackson
Primghar	891	950	1050	995	1131	1152	1081	962	921	733	814	519	143				O'Brien
Princeton	946	904	965	633	580	495	414	373	414	379	456	398	494	498	469		Scott
Promise City	105	132	149	148	161	218	225	226	267	274							Wayne
Protivin	317	305	368	333	302	283	290	277	201	163	136						Howard
Pulaski	249	262	267	255	299	381	400	376	419	382	302						Davis
Quasqueton	574	579	599	464	373	374	400	342	453	394							Buchanan
Quimby	368	334	424	395	369	398	363	318	363	268							Cherokee
Radcliffe	607	574	593	548	615	638	631	627	708	660	645						Hardin
Rake	227	238	283	324	328	351	329	310	254	163							Winnebago
Ralston	98	119	108	129	143	166	202	184	200	175							Carroll, Greene
Randalia	84	88	101	85	114	132	121	123	113	123	117		97				Fayette
Randall	148	161	171	179	201	202											Hamilton
Randolph	209	243	223	214	257	295	379	344	404	304	373	276	213				Fremont
Rathbun	88	89	93	113	203	229	352	299	630	382	270						Appanoose
Raymond	537	619	655	582	378												Black Hawk
Readlyn	786	773	858	616	547	468	426	385	403	227							Bremer
Reasnor	194	191	277	284	224	227	221	229	226								Jasper
Redding	78	119	91	111	129	200	246	272	289	269	311	214	85				Ringgold
Redfield	833	883	959	921	966	892	898	870	770	659	509	397	394				Dallas
Red Oak	6197	6264	6810	6210	6421	6526	5763	5778	5578	4830	4355	3321	3755	1315			Montgomery
Reinbeck	1751	1605	1808	1711	1621	1460	1429	1425	1415	1205	1203	731	482				Grundy
Rembrandt	228	229	291	250	265	296	302	263	270	128							Buena Vista
Remsen	1762	1513	1592	1367	1338	1280	1196	1181	1144	1076	835	580					Plymouth
Renwick	306	287	410	429	477	474	470	491	501	372	350						Humboldt
Rhodes	294	272	367	347	358	369	379	450	439	448	476	434					Marshall
Riceville	840	827	919	877	898	962	910	807	960	844	804						Howard, Mitchell
Richland	587	522	600	595	546	591	614	713	639	613	534	531	254			239	Keokuk
Rickardsville	191	193	215	193													Dubuque
Ricketts	144	122	143	141	133	166	167	157	161	102							Crawford
Ridgeway	293	295	308	218	267	307	323	348	349	354	371						Winneshiek
Rinard	72	71	97	88	99	115	143	140	160								Calhoun
Ringsted	436	481	557	509	559	578	508	486	599	313							Emmet
Ripley	319	275	304	270	331	354	421	357	409	407	395						Greene
Riverdale	656	419	462	684	477												Scott
Riverside	928	824	826	758	656	631	633	638	667	652	698	608	412				Washington
Riverton	304	333	342	331	399	472	543	590	568	583	687	560	497				Fremont
Robins	1806	875	726	663	426	272	205	190	110								Linn
Rock Falls	170	155	196	150	156	139	153	109	85	87	124	122	221				Cerro Gordo
Rockford	907	863	1012	902	941	979	1054	996	1031	916	1080	1010	739				Floyd
Rock Rapids	2573	2601	2693	2632	2780	2640	2556	2221	2172	2005	1766	1394					Lyon
Rock Valley	2702	2540	2706	2205	1693	1581	1507	1204	1347	1198	1054	542	100				Sioux
Rockwell	989	1008	1039	923	772	753	779	750	800	700	830	381	249				Cerro Gordo
Rockwell City	2264	1981	2276	2396	2313	2333	2391	2108	2039	1528	1222	516	90				Calhoun

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Rodman	56	56	86	104	144	123	170	167	158	131	147						Palo Alto
Rodney	74	71	82	66	94	127	131	150	176	163	173						Monona
Roland	1324	1035	1005	803	748	687	791	759	829	641	557						Story
Rolfe	675	721	796	767	819	997	1122	1012	1031	954	994	529					Pocahontas
Rome	113	124	113	135	117	134	119	144	168	155	255		276				Henry
Rose Hill	205	171	214	192	223	243	269	275	260	269	253	200	199				Mahaska
Rossie	58	68	72	91	102	112	95	85									Clay
Rowan	218	189	259	231	273	304	316	330	302	256							Wright
Rowley	290	272	275	241	234	249	233	205									Buchanan
Royal	479	466	522	469	475	495	426	410	362								Clay
Rudd	431	429	460	429	436	398	410	429	487	296	381						Floyd
Runnells	352	306	377	354	322	307	388	367	369	428		296					Polk
Russell	559	531	593	591	577	566	642	571	633	612	636	443	345	175			Lucas
Ruthven	711	707	769	708	712	868	832	739	809	655	787	580	73				Palo Alto
Rutland	145	149	163	215	221	225	255	222	197	212							Humboldt
Ryan	410	382	390	343	347	362	341	369	397	511							Delaware
Sabula	670	710	824	845	894	888	771	759	865	918	1029	918	1223	920	406	168	Jackson
Sac City	2368	2516	3000	3268	3354	3170	3165	2854	2630	2201	2079	1249	595	156			Sac
Sageville	203	288	291	338	110	118	66										Dubuque
St. Ansgar	1031	1063	1100	994	1014	981	934	964	844	747	698	609	552	360			Mitchell
St. Anthony	109	112	140	156	130	175	211	202	203	199	174						Marshall
St. Charles	619	537	507	443	355	319	331	400	430	399	412	387	183				Madison
St. Donatus	140	145	197	164													Jackson
St. Lucas	178	174	194	194	211	158	158	168	137	138							Fayette
St. Marys	134	113	111	105	94	89	84	89									Warren
St. Olaf	136	125	138	140	169	158	191	174	149	170	124						Clayton
St. Paul	118	120	141	129	128	113	94	89	67	62	65						Lee
Salem	464	453	463	458	442	473	457	460	494	501	548	551	524				Henry
Salix	370	367	429	387	394	337	392	374	396	390	387						Woodbury
Sanborn	1353	1345	1398	1465	1323	1337	1344	1213	1497	1174	1247	1075	364				O'Brien
Sandyville	61	59	86	89	115	92	93	92	94	120							Warren
Scarville	97	92	82	81	105	105	136	163	140	129							Winnebago
Schaller	779	768	832	835	896	841	758	724	731	646	661	333					Sac
Schleswig	833	851	868	875	785	751	628	638	655	455	233						Crawford
Scranton	604	583	748	751	865	891	1014	1058	843	845	983	715					Greene
Searsboro	155	164	134	140	165	183	195	171	204	226	263	153	225				Poweshiek
Sergeant Bluff	3321	2772	2416	1164	813	569	587	569	548	525		425	167				Woodbury
Seymour	810	869	1036	931	1117	1223	1539	1571	1746	2290	1703	1058	501				Wayne
Shambaugh	188	190	197	178	206	251	269	278	250	245							Page
Shannon City	70	97	93	100	127	171	288	293	333	292	380						Ringgold, Union
Sharpsburg	98	116	114	106	130	147	173	182	188	181							Taylor
Sheffield	930	1174	1224	1070	1156	1163	1060	1057	1106	824	688	610	307				Franklin
Shelby	696	637	665	537	533	592	627	617	588	586	692	582	449				Pottawattamie, Shelby
Sheldahl	336	315	315	285	279	211	206	209	175	202	179						Boone, Polk, Story
Sheldon	4914	4904	5003	4535	4251	4001	3768	3320	3488	2941	2282	1478	730				O'Brien, Sioux
Shell Rock	1298	1385	1478	1159	1112	1013	925	806	815	741	839	733	719				Butler
Shellsburg	938	765	771	740	625	632	552	546	590	527	511	468	547				Benton
Shenandoah	5546	5572	6274	5968	6567	6938	6846	6502	5255	4976	3573	2440	1387				Fremont, Page
Sherrill	186	148	208	190	174	162	82		110								Dubuque
Shueyville	250	223	287	154													Johnson
Sibley	2796	2815	3051	2749	2852	2559	2356	1870	1803	1330	1289	1090	301				Osceola
Sidney	1300	1253	1308	1061	1057	1132	1290	1074	1154	1019	1143	839	855	817	423		Fremont
Stgourney	2209	2111	2330	2319	2387	2343	2355	2262	2210	2032	1952	1523	1735	992		162	Keokuk

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Silver City	259	252	291	272	281	311	346	355	430	416	438	324	185				Mills
Sioux Center	6002	5074	4588	3450	2275	1860	1680	1497	1389	1064	810						Sioux
Sioux City	85013	80505	82003	85925	89159	83991	82364	79183	71227	47828	33111	37806	7366	3401			Woodbury
Sioux Rapids	720	792	897	813	962	1010	1056	958	1080	868	1005	650	181	61			Buena Vista
Slater	1306	1268	1312	1094	717	583	544	568	616	473	426						Story
Sloan	1032	938	978	799	704	654	628	636	608	547	643	449					Woodbury
Smithland	221	252	282	293	349	373	389	389	321	334	435	369					Woodbury
Soldier	207	205	257	242	284	323	208	302	281	167							Monona
Solon	1177	1050	969	837	604	527	515	493	471	450	397	353	383				Johnson
Somers	165	161	220	197	203	217	213	199	175	169							Calhoun
South English	213	224	211	218	217	248	288	296	355	338							Keokuk
Spencer	11317	11066	11726	10278	8864	7446	6599	5019	4599	3005	3095	1813	824				Clay
Spillville	386	387	415	361	389	363	329	304	315	320	356						Winneshiek
Spirit Lake	4261	3872	3976	3014	2685	2467	2161	1778	1701	1162	1219	782	277	76			Dickinson
Spragueville	89	118	149	112	100	115	116	86	102								Jackson
Springbrook	182	165	209	196	139	109	131	103	126	217	107						Jackson
Spring Hill	92	86	95	131	111	86	146	101	489	94							Warren
Springville	1091	1068	1165	970	785	680	608	598	597	588	599	518	365				Linn
Stacyville	469	481	538	598	588	544	533	529	513	407	490						Mitchell
Stanhope	488	447	492	482	461	420	425	425	400	281	297						Hamilton
Stanley	128	116	154	151	156	158	185	138	163								Buchanan
Stanton	714	692	747	574	514	570	571	607	749	653	404	399	247				Montgomery
Stanwood	680	646	705	642	598	547	569	531	556	511	415	302	254	257			Cedar
State Center	1349	1248	1292	1232	1142	1040	1033	1012	975	898	1008	854	880	559			Marshall
Steamboat Rock	336	335	387	394	426	395	385	377	399	378	410	367	523				Hardin
Stockport	284	260	272	334	342	346	338	322	385	265							Van Buren
Stockton	182	187	240	222	164	165	124	110	128	138				108			Muscatine
Storm Lake	10076	8769	8814	8591	7728	6954	5274	4157	3658	2428	2169	1682	1034				Buena Vista
Story City	3228	2959	2762	2104	1773	1545	1479	1434	1591	1387	1197	536	331				Story
Stout	217	192	190	196	145	135	135	143	162								Grundy
Stratford	746	715	806	710	703	673	712	699	694	554	458						Hamilton, Webster
Strawberry Point	1386	1357	1463	1281	1303	1247	1223	1128	1101	1052	1012	947	715				Clayton
Struble	85	67	70	59	74	91	134	161	129	327	172						Plymouth
Stuart	1712	1522	1650	1354	1486	1500	1611	1626	1716	1826	2079	2052	1994				Adair, Guthrie
Sully	904	841	828	685	508	452	402	362	393	282							Jasper
Sumner	2106	2078	2335	2174	2170	1911	1752	1561	1511	1404	1437	861	285				Bremer
Superior	142	128	188	139	190	240	230	168	200	154	187						Dickinson
Sutherland	707	714	897	875	883	835	875	802	876	664	722	490					O'Brien
Swaledale	174	190	186	222	217	205	204	178	200	235	240						Cerro Gordo
Swan	121	76	102	56	168	194	217	220	238	292	406	419	99				Marion
Swea City	642	634	813	774	805	869	735	695	691	402	322						Kossuth
Swisher	813	645	654	417	271	205	93										Johnson
Tabor	993	994	1088	957	909	869	976	1017	1186	909	934	503	320	310			Fremont, Mills
Tama	2731	2697	2968	3000	2925	2930	2832	2626	2601	2290	2649	1741	1289	1161			Tama
Templeton	334	321	319	312	354	385	390	428	373	278	321	269					Carroll
Tennant	73	78	77	93	95	95	109	118	79								Shelby
Terril	404	383	420	397	382	425	452	416	440	253	217						Dickinson
Thayer	66	79	87	100	101	152	157	164	260	198	394			114			Union
Thompson	596	498	668	600	689	698	664	538	548	500	450						Winnebago
Thor	174	205	200	212	234	271	264	257	285	271	274						Humboldt
Thornburg	84	91	103	98	101	138	184	171	197	233	267						Keokuk
Thornton	422	431	442	410	449	441	398	383	317	271	299						Cerro Gordo
Thurman	236	239	221	230	268	284	325	388	341	336	409	395	378				Fremont

Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Tiffin	975	460	413	299	311	256	240	206	178	176							Johnson
Tingley	171	179	210	244	278	333	390	358	391	380	488	295					Ringgold
Tipton	3155	2998	3055	2877	2862	2633	2518	2145	2142	2048	2513	1599	1299	1246	1190	252	Cedar
Titonka	584	612	658	599	647	589	574	473	418	278	224						Kossuth
Toledo	2539	2380	2455	2361	2417	2106	2073	1825	1604	1626	1941	1836	1026	888			Tama
Toronto	134	132	172	145	144	165	142	113	139	106		78					Clinton
Traer	1594	1552	1703	1682	1623	1627	1493	1417	1329	1283	1458	1014	1100				Tama
Treynor	950	897	981	472	368	247	219	232	204	122							Pottawattamie
Tripoli	1310	1188	1280	1345	1179	1124	1001	891	914	755	655						Bremer
Truesdale	91	132	128	132	153	158	135	116	113								Buena Vista
Truro	427	391	407	359	338	354	353	361	332	310							Madison
Turin	75	95	103	115	163	160	184	167	158	154							Monona
Udell	58	76	75	71	76	96	137	151	214	186							Appanoose
Underwood	688	515	448	424	337	278	251	261	260	271							Pottawattamie
Union	427	448	515	484	534	490	585	498	660	540	589	514	666				Hardin
Unionville	127	133	150	161	185	204	253	221				212	196	183	178		Appanoose
University Heights	987	1042	1069	1265	841	446	261										Johnson
University Park	536	598	645	534	569	457	462	443	361								Mahaska
Urbana	1019	595	574	552	544	414	397	354	477	306	323						Benton
Urbandale	29072	23500	17869	14434	5821	1777	1083	596	298								Polk
Ute	378	395	479	512	511	563	581	616	580	490	407						Monona
Vail	452	388	490	486	473	532	576	622	635	631	578	538	511				Crawford
Valeria	62	69	80	96	76	57	79	57	70								Jasper
Van Horne	716	695	682	613	554	511	551	527	524	444	484	501					Benton
Van Meter	866	751	747	464	385	364	436	400	358	386	407	467	376				Dallas
Van Wert	231	249	245	244	253	318	383	369	463	461	306						Decatur
Varina	90	102	122	140	162	144	220	184	235	183							Pocahontas
Ventura	670	590	614	543													Cerro Gordo
Victor	952	966	1046	949	870	741	763	794	802	640	612	616	691				Iowa, Poweshiek
Villisca	1344	1332	1434	1402	1690	1838	2011	2032	2111	2039	2211	1744	1299	457			Montgomery
Vincent	158	185	207	204	173	193	192	194	182	215	163						Webster
Vining	70	78	96	71	122	112	126	163	153								Tama
Vinton	5102	5103	5040	4845	4781	4307	4163	3372	3381	3336	3499	2865	2906	2460			Benton
Volga	247	306	310	305	361	423	429	417	415	416	444						Clayton
Wadena	243	236	230	237	275	316	377	312	318	253	170		128				Fayette
Wahpeton	462	484	372	149	117	127	73										Dickinson
Walcott	1528	1356	1425	989	664	480	440	398	384	416	362						Muscatine, Scott
Walford	1224	303	285	286	264												Benton, Linn
Walker	750	673	733	622	584	549	462	456	464	517	505						Linn
Wallingford	210	235	256	245	228	229	233	225	197								Emmet
Wall Lake	841	875	892	936	812	753	762	749	737	561	659	439	208				Sac
Walnut	778	857	897	870	777	888	902	935	1072	950	878	811	733				Pottawattamie
Wapello	2124	2013	2011	1873	1745	1755	1603	1502	1480	1326	1398	1009	928	870	821	336	Louisa
Washington	7047	7074	6584	6317	6037	5902	5227	4814	4697	4380	4255	3235	2949	2575			Washington
Washta	282	284	320	319	310	403	442	448	508	410	431						Cherokee
Waterloo	68747	66467	75985	75533	71755	65198	51743	46191	36230	26693	12580	6674	5630	4337			Black Hawk
Waterville	145	140	157	158	184	199	253	222	183								Allamakee
Waucoma	299	277	308	357	364	385	430	425	457	433	540	406	225				Fayette
Waukeo	5126	2512	2227	1577	687	501	473	445	375	340	292	240	245				Dallas
Waukon	4131	4019	3983	3883	3639	3158	2972	2526	2359	2025	2153	1610	1350				Allamakee
Waverly	8968	8539	8444	7205	6357	5124	4156	3652	3352	3205	3177	2346	2345	2291			Bremer
Wayland	945	838	720	702	597	600	576	625	637	550	394						Henry
Webb	165	167	222	234	236	235	254	240	219	150							Clay

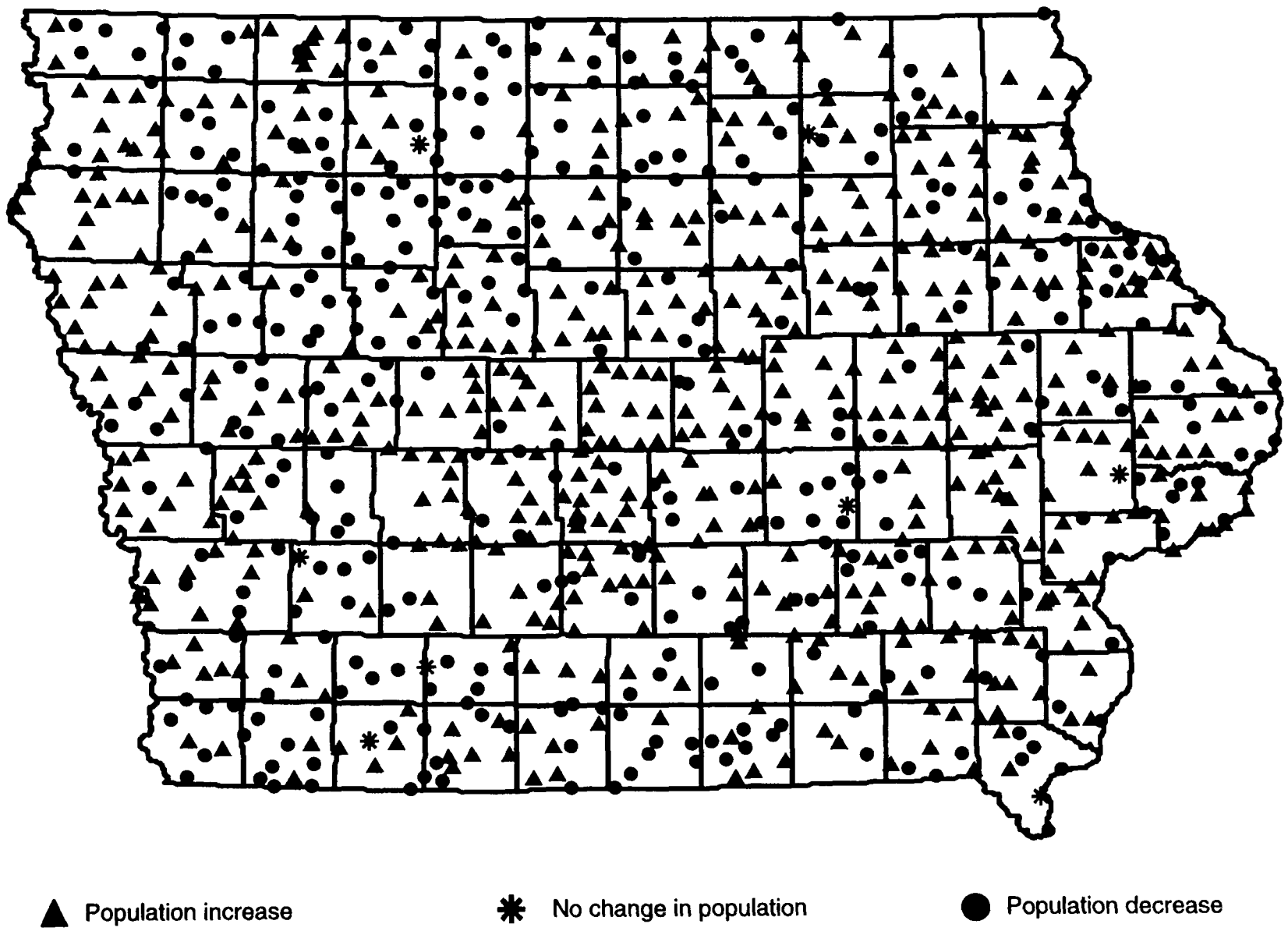
Table 1. Population in Iowa's Incorporated Places, 1850-2000 (continued).

Place Name	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Webster	110	103	124	130	137	136	165	178	172	127							Keokuk
Webster City	8176	7894	8572	8488	8520	7611	6738	7024	5657	5208	4613	2829	1848	1339			Hamilton
Weldon	145	151	187	155	202	229	250	298	323	308							Decatur
Wellman	1393	1085	1125	977	1085	1071	1129	853	875	724	654						Washington
Wellsburg	716	682	761	754	827	744	616	508	482	288	203						Grundy
Welton	159	184	119	104	88	93	100	80	69	69							Clinton
Wesley	467	444	598	548	514	509	468	462	444	457	730	440					Kossuth
West Bend	834	862	941	865	910	772	737	634	969	679	538	325					Kossuth, Palo Alto
West Branch	2188	1908	1867	1322	1053	769	719	652	688	643	647	474	501				Cedar
West Burlington	3161	3083	3371	3139	2560	1614	1323	1333	1212	1206	1044	836					Des Moines
West Chester	159	178	191	199	253	218	213	223	225	222	209						Washington
West Des Moines	46403	31702	21894	16441	11949	5615	4252	4280	3631	2573	1700						Polk
Westfield	189	160	199	148	187	172	197	218	203	143							Plymouth
Westgate	234	207	263	204	214	226	247	268	255	232	260						Fayette
West Liberty	3332	2935	2723	2296	2042	1866	1802	1679	1834	1666	1690	1268	1141				Muscatine
West Okoboji	432	263	435	210	171	158	117	112									Dickinson
Westphalia	160	144	169	121	131	160	126	118	115								Shelby
West Point	980	1079	1133	1045	758	662	543	536	591	570	654	498	704	794		546	Lee
Westside	327	348	387	389	367	393	373	341	405	367	396	448	446				Crawford
West Union	2549	2490	2783	2624	2551	2141	2059	2056	1777	1652	1935	1676	1551	1489			Fayette
Westwood	127	104															Henry
What Cheer	678	762	803	868	956	1119	1339	1310	1626	1720	2746	3246	719				Keokuk
Wheatland	772	723	840	832	643	568	535	539	549	539	475	569	616	788			Clinton
Whiting	707	683	734	590	595	663	688	627	625	576	572	437	56				Monona
Whittemore	530	535	647	658	741	678	671	604	618	518	522	578	105				Kossuth
Whitten	160	137	168	194	184	174	227	199	225	219	217	195					Hardin
Willey	103	78	94	72	80	94	86	93	176								Carroll
Williams	427	368	410	456	490	519	489	500	495	457	500						Hamilton
Williamsburg	2622	2174	2033	1544	1342	1183	1308	1219	1251	1060	1100	635					Iowa
Williamson	163	166	210	216	262	294	616	814									Lucas
Wilton	2829	2577	2502	1873	1750	1446	1146	1104	1178	1157	1233	1212	1431	1317			Cedar, Muscatine
Windsor Heights	4805	5190	5474	6303	4715	1414											Polk
Winfield	1131	1051	1042	897	862	888	864	933	1027	934	820	461					Henry
Winterset	4768	4196	4021	3654	3639	3570	3631	2921	2906	2818	3039	2281	2583	1485	915		Madison
Winthrop	772	742	767	750	649	604	546	496	507	529	618	370	320				Buchanan
Wiota	149	160	181	171	195	227	246	225	199	239	218	168	110				Cass
Woden	243	259	287	265	283	272	305	258	188	162							Hancock
Woodbine	1564	1500	1463	1349	1304	1304	1467	1348	1463	1538	1255	815	330				Harrison
Woodburn	244	240	207	186	202	255	324	305	375	420	467	336	371				Clarke
Woodward	1200	1197	1212	1010	967	908	895	901	868	712	550	328					Dallas
Woolstock	204	212	235	222	269	255	271	317	294	264	274						Wright
Worthington	381	439	432	365	360	337	326	335	341	314	288						Dubuque
Wyoming	626	659	702	746	797	724	656	634	690	733	794	704	729				Jones
Yale	287	220	299	301	260	293	287	304	276	273							Guthrie
Yetter	36	49	52	52	85	121	135	114	125	107							Calhoun
Yorktown	82	100	123	105	150	146	197	217	193	228	170						Page
Zearing	617	614	630	535	528	514	476	475	471	461	388	242					Story
Zwingle	100	94	119	96	110	132	118	145	124	69							Dubuque, Jackson

Table 2. Places Listed in Censuses Before 2000 But No Longer Incorporated, 1850-1990 (continued).

Place Name	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850	County
Iconium											111	98				Appanoose
Ioka												126				Keokuk
Iowa Center													248	196		Story
Kenwood Park								702	376	283	136					Linn
Kingston														397		Linn
Knowlton								202	193	267						Ringgold
Kossuth												235				Des Moines
La Grange													150	101		Lucas
Lancaster													135		95	Keokuk
Lattners								37								Dubuque
Lott's Creek													291	155		Humboldt
Lutra												175				Fayette
Lyons											5799	4095	4088			Clinton
Manteno														50		Shelby
Marysville														42		Wapello
Massillon												85				Fayette
Melcher		953	913	867	898	1290	1673	1582								Marion
Memory												83				Taylor
Meyer								99	387							Mitchell
Moingona												969				Boone
Moneta	29	43	41	76	89	115	85	127	44							O'Brien
Montana													2415			Boone
Moscow													346			Muscatine
Newbern													190	179		Marion
North Pella													87			Marion
O'Brien													79			O'Brien
Old Town			24	27	40											Dickinson
Oneida	49	61	55	76	75	84	101	127								Delaware
Orleans													38			Appanoose
Otley													176			Marion
Palmyra													226	363		Warren
Plain View		45	23	37	42	36										Scott
Platteville												158				Taylor
Port Allen													50			Louisa
Port Louisa													75	118		Louisa
Port Richmond													85	80		Wapello
Quincy						46	45	50	70	106	146	198	283			Adams
Red Rock													225	313		Marion
Ridotto				6												Pocahontas
Rochester													174	179		Cedar
Rockingham								1099								Scott
Sevastopol												354				Polk
Southeast Pella													147			Marion
South Pella													191			Marion
Spring Vale													335			Humboldt
Stawberry Hill										164						Jones
Toolsborough													160	138		Louisa
Van Buren												485				Jackson
Walnut											43	44				Appanoose
Waubeck													222			Linn
West Decorah										531	447	574				Winneshiek
Western												295				Linn
Westfield												61				Fayette
West Grove													413			Davis
West McGregor									100	74						Clayton
West Mitchell					112	108	105	117	126	207	232	307				Mitchell

Figure 1. Population Change in Iowa's Incorporated Places, 1990-2000.



Population Trends in Iowa's Counties: 1850-2000

Sandra Charvat Burke, Iowa State University
Willis Goudy, Iowa State University

The population in Iowa's counties has been counted every 10 years by the U.S. Bureau of the Census. Iowa's first census occurred in 1850 following statehood in 1846. In 2000, the bureau reported 2,926,324 Iowa residents, which was the highest total across the 16 censuses since Iowa became a state (Figure 1).

1850 to 1900

In 1850, much of Iowa was only sparsely settled; 50 of today's counties had no population reported for that year (Table 1). Those 50 counties were in the western and northern sections of the state such that a line drawn between the southwest and northeast corners of the state would separate the area where residents were counted from that where they were not. Iowa's 192,214 people were highly concentrated in the southeast. Indeed, more than 54,000 lived in just four counties (Des Moines, Jefferson, Lee, Van Buren) and another 10,841 lived in Dubuque. At the same time, many counties had fewer than a thousand people.

By 1860, settlement had spread across most of the state and the population had increased by more than 480,000 (Table 2) from the previous census, a gain of 251 percent (Table 3). Only Lyon and Osceola, two counties not yet officially formed in the northwest corner of the state, had no reported population. During the decade of the 1850s, counties in eastern Iowa experienced relatively great growth. Dubuque increased by more than 20,000 people and Scott gained nearly that many. Because populations in 1850 were small, 12 counties experienced growth rates of at least a thousand percent in the next 10 years. By 1860, 29 counties had populations of more than 10,000, with all counties increasing from 1850 to 1860 with the exception of Pottawattamie.

Growth continued through the decade of the 1860s. The state gained more than 500,000 (+76.9%) in the 10-year span and the total population in 1870 topped one million. All counties gained during the decade, with the exception of Osceola, which still was not reported separately in census reports. By 1870, only five counties had fewer than 1,000 residents, with most of these in the northwest. Fifty-two counties reported more than 10,000 inhabitants, with five of these exceeding 30,000. The highest populations were in Dubuque and Scott, each of which had more than 38,000. During the 1860s, counties with the highest growth rates were in the western areas of the state rather than in eastern Iowa as earlier. This reflected the gradual westward direction of settlement across the state. In 1870, residents of Iowa constituted 3.0 percent of all inhabitants of the United States (Table 4).

People were first counted in Osceola County in the 1880 census, completing settlement across the state. All counties had at least 1,500 residents and Dubuque, Polk, and Scott counted more than 40,000. This was the first time Polk was among the three most populous counties. The state reached 1,624,600 by 1880. During the 1870s, the counties with increases of at least 10,000 were Cass, Pottawattamie, Polk, and Shelby. The five counties with at least 500 percent growth all were in western Iowa. An additional indication of the shift in population was seen in the declines experienced by five southeastern counties. As of 1880, 3.2 percent of U.S. inhabitants lived in Iowa; this state was part of the national trend of movement toward westward sections of the nation. Iowa's share of the U.S. population peaked that year and declined since.

Twenty-seven counties, most of which were in the eastern or southern areas of Iowa, had fewer residents in 1890 than in 1880. The state's population as a whole, however, continued to grow (+17.7%), reaching 1,912,300 by 1890. All counties had at least 4,200 residents and seven exceeded 40,000. The

Table 1. Population in Iowa's Counties, 1850-2000.

County	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
Adair	8243	8409	9509	9487	10893	12292	13196	13891	14259	14420	16192	14534	11667	3982	984	*
Adams	4482	4866	5731	6322	7468	8753	10156	10437	10521	10998	13601	12292	11888	4614	1533	*
Allamakee	14675	13855	15108	14968	15982	16351	17184	16328	17285	17328	18711	17907	19791	17868	12237	777
Appanoose	13721	13743	15511	15007	16015	19683	24245	24835	30535	28701	25927	18961	16636	16456	11931	3131
Audubon	6830	7334	8559	9595	10919	11579	11790	12264	12520	12671	13626	12412	7448	1212	454	*
Benton	25308	22429	23649	22885	23422	22656	22879	22851	24080	23156	25177	24178	24888	22454	8496	672
Black Hawk	128012	123798	137961	132916	122482	100448	79946	69146	56570	44865	32399	24219	23913	21706	8244	135
Boone	26224	25186	26184	26470	28037	28139	29782	29271	29892	27626	28200	23772	20838	14584	4232	735
Bremer	23325	22813	24820	22737	21108	18884	17932	17046	16728	15843	16305	14630	14081	12528	4915	*
Buchanan	21093	20844	22900	21762	22293	21927	20991	19550	19890	19748	21427	18997	18546	17034	7906	517
Buena Vista	20411	19965	20774	20693	21189	21113	19838	18667	18556	15981	16975	13548	7537	1585	57	*
Butler	15305	15731	17668	16953	17467	17394	17986	17617	17845	17119	17955	15463	14293	9951	3724	*
Calhoun	11115	11508	13542	14292	15923	16925	17584	17605	17783	17090	18569	13107	5595	1602	147	*
Carroll	21421	21423	22951	22912	23431	23065	22770	22326	21549	20117	20319	18828	12351	2451	281	*
Cass	14684	15128	16932	17007	17919	18532	18647	19422	19421	19047	21274	19645	16943	5464	1612	*
Cedar	18187	17444	18635	17655	17791	16910	16884	16760	17560	17765	19371	18253	18936	19731	12949	3941
Cerro Gordo	46447	46733	48458	49223	49894	46053	43845	38476	34675	25011	20672	14864	11461	4722	940	*
Cherokee	13035	14098	16238	17269	18598	19052	19258	18737	17760	16741	16570	15659	8240	1967	58	*
Chickasaw	13095	13295	15437	14969	15034	15228	15227	14637	15431	15375	17037	15019	14534	10180	4336	*
Clarke	9133	8287	8612	7581	8222	9369	10233	10384	10506	10736	12440	11332	11513	8735	5427	79
Clay	17372	17585	19576	18464	18504	18103	17762	16107	15660	12766	13401	9309	4248	1523	52	*
Clayton	18678	19054	21098	20606	21962	22522	24334	24559	25032	25576	27750	26733	28829	27771	20728	3873
Clinton	50149	51040	57122	56749	55060	49664	44722	44377	43371	45394	43832	41199	36763	35357	18938	2822
Crawford	16942	16775	18935	19116	18569	19741	20538	21028	20614	20041	21685	18894	12413	2530	383	*
Dallas	40750	29755	29513	26085	24123	23661	24649	25493	25120	23628	23058	20479	18746	12019	5244	854
Davis	8541	8312	9104	8207	9199	9959	11136	11150	12574	13315	15620	15258	16468	15565	13764	7264
Decatur	8689	8338	9794	9737	10539	12601	14012	14903	16566	16347	18115	15643	15336	12018	8677	965
Delaware	18404	18035	18933	18770	18483	17734	18487	18122	18183	17888	19185	17349	17950	17432	11024	1759
Des Moines	42351	42614	46203	46982	44605	42056	36804	38162	35520	36145	35989	35324	33099	27256	19611	12988
Dickinson	16424	14909	15629	12565	12574	12756	12185	10982	10241	8137	7995	4328	1901	1389	180	*
Dubuque	89143	86403	93745	90609	80048	71337	63768	61214	58262	57450	56403	49848	42996	38969	31164	10841
Emmet	11027	11569	13336	14009	14871	14102	13406	12856	12627	9816	9936	4274	1550	1392	105	*
Fayette	22008	21843	25488	26898	28581	28294	29151	29145	29251	27919	29845	23141	22258	16973	12073	825

*County not officially organized as of this census.

Table 1. Population in Iowa's Counties, 1850-2000 (continued).

County	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
Floyd	16900	17058	19597	19860	21102	21505	20169	19524	18860	17119	17754	15424	14677	10768	3744	*
Franklin	10704	11364	13036	13255	15472	16268	16379	16382	15807	14780	14996	12871	10249	4738	1309	*
Fremont	8010	8226	9401	9282	10282	12323	14645	15533	15447	15623	18546	16842	17652	11174	5074	1244
Greene	10366	10045	12119	12716	14379	15544	16599	16528	16467	16023	17820	15797	12727	4627	1374	*
Grundy	12369	12029	14366	14119	14132	13722	13518	14133	14420	13574	13757	13215	12639	6399	793	*
Guthrie	11353	10935	11983	12243	13607	15197	17210	17324	17596	17374	18729	17380	14394	7061	3058	*
Hamilton	16438	16071	17862	18383	20032	19660	19922	20978	19531	19242	19514	15319	11252	6055	1699	*
Hancock	12100	12638	13833	13506	14604	15077	15402	14802	14723	12731	13752	7621	3453	999	179	*
Hardin	18812	19094	21776	22248	22533	22218	22530	22947	23337	20921	22794	19003	17807	13684	5440	*
Harrison	15666	14730	16348	16240	17600	19560	22767	24897	24488	23162	25597	21356	16649	8931	3621	*
Henry	20336	19226	18890	18114	18187	18708	17994	17660	18298	18640	20022	18895	20986	21463	18701	8707
Howard	9932	9809	11114	11442	12734	13105	13531	13082	13705	12920	14512	11182	10837	6282	3168	*
Humboldt	10381	10756	12246	12519	13156	13117	13459	13202	12951	12182	12667	9836	5341	2596	332	*
Ida	7837	8365	8908	9283	10269	10697	11047	11933	11689	11296	12327	10705	4382	226	43	*
Iowa	15671	14630	15429	15419	16396	15835	17016	17332	18600	18409	19544	18270	19221	16644	8029	822
Jackson	20296	19950	22503	20839	20754	18622	19181	18481	19931	21258	23615	22771	23771	22619	18493	7210
Jasper	37213	34795	36425	35425	35282	32305	31496	32936	27855	27034	26976	24943	25963	22116	9883	1280
Jefferson	16181	16310	16316	15774	15818	15696	15762	16241	16440	15951	17437	15184	17469	17839	15038	9904
Johnson	111006	96119	81717	72127	53663	45756	33191	30276	26462	25914	24817	23082	25429	24898	17573	4472
Jones	20221	19444	20401	19868	20693	19401	19950	19206	18607	19050	21954	20233	21052	19731	13306	3007
Keokuk	11400	11624	12921	13943	15492	16797	18406	19148	20983	21160	24979	23862	21258	19434	13271	4822
Kossuth	17163	18591	21891	22937	25314	26241	26630	25452	25082	21971	22720	13120	6178	3351	416	*
Lee	38052	38687	43106	42996	44207	43102	41074	41268	39676	36702	39719	37715	34859	37210	29232	18861
Linn	191701	168767	169775	163213	136899	104274	89142	82336	74004	60720	55392	45303	37237	31080	18947	5444
Louisa	12183	11592	12055	10682	10290	11101	11384	11575	12179	12855	13516	11873	13142	12877	10370	4939
Lucas	9422	9070	10313	10163	10923	12069	14571	15114	15686	13462	16126	14563	14530	10388	5766	471
Lyon	11763	11952	12896	13340	14468	14697	15374	15293	15431	14624	13165	8680	1968	221	*	*
Madison	14019	12483	12597	11558	12295	13131	14525	14331	15020	15621	17710	15977	17224	13884	7339	1179
Mahaska	22335	21532	22867	22177	23602	24672	26485	25804	26270	29860	34273	28805	25202	22508	14816	5989
Marion	32052	30001	29669	26352	25886	25930	27019	25727	24957	22995	24159	23058	25111	24436	16813	5482
Marshall	39311	38276	41652	41076	37984	35611	35406	33727	32630	30279	29991	25842	23752	17576	6015	338
Mills	14547	13202	13406	11832	13050	14064	15064	15866	15422	15811	16764	14548	14137	8718	4481	*
Mitchell	10874	10928	12329	13108	14043	13945	14121	14065	13921	13435	14916	13299	14363	9582	3409	*

Table 1. Population in Iowa's Counties, 1850-2000 (continued).

County	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
Monona	10020	10034	11692	12069	13916	16303	18238	18213	17125	16633	17980	14515	9055	3654	832	*
Monroe	8016	8114	9209	9357	10463	11814	14553	15010	23467	25429	17985	13666	13719	12724	8612	2884
Montgomery	11771	12076	13413	12781	14467	15685	15697	16752	17048	16604	17803	15848	15895	5934	1256	*
Muscatine	41722	39907	40436	37181	33840	32148	31296	29385	29042	29505	28242	24504	23170	21688	16444	5731
O'Brien	15102	15444	16972	17522	18840	18970	19293	18409	19051	17262	16985	13060	4155	715	8	*
Osceola	7003	7267	8371	8555	10064	10181	10607	10182	10223	8956	8725	5574	2219	*	*	*
Page	16976	16870	19063	18537	21023	23921	24887	25904	24137	24002	24187	21341	19667	9975	4419	551
Palo Alto	10147	10669	12721	13289	14736	15891	16170	15398	15486	13845	14354	9318	4131	1336	132	*
Plymouth	24849	23388	24743	24322	23906	23252	23502	24159	23584	23129	22209	19568	8566	2199	148	*
Pocahontas	8662	9525	11369	12793	14234	15496	16266	15687	15602	14808	15339	9553	3713	1446	103	*
Polk	374601	327140	303170	286130	266315	226010	195835	172837	154029	110438	82624	65410	42395	27857	11625	4513
Pottawattamie	87704	82628	86561	86991	83102	69682	66756	69888	61550	55832	54336	47430	39850	16893	4968	7828
Poweshiek	18815	19033	19306	18803	19300	19344	18758	18727	19910	19589	19414	18394	18936	15581	5668	615
Ringgold	5469	5420	6112	6373	7910	9528	11137	11966	12919	12904	15325	13556	12085	5691	2923	*
Sac	11529	12324	14118	15573	17007	17518	17639	17641	17500	16555	17639	14522	8774	1411	246	*
Scott	158668	150973	160022	142687	119067	100698	84748	77332	73952	60000	51558	43164	41266	38599	25959	5986
Shelby	13173	13230	15043	15528	15825	15942	16720	17131	16065	16552	17932	17611	12696	2540	818	*
Sioux	31589	29903	30813	27996	26375	26381	27209	26806	26458	25248	23337	18370	5426	576	10	*
Story	79981	74252	72326	62783	49327	44294	33434	31141	26185	24083	23159	18127	16906	11651	4051	*
Tama	18103	17419	19533	20147	21413	21688	22428	21987	21861	22156	24585	22052	21585	16131	5285	8
Taylor	6958	7114	8353	8790	10288	12420	14258	14859	15514	16312	18784	16384	15635	6989	3590	204
Union	12309	12750	13858	13557	13712	15651	16280	17435	17268	16616	19928	16900	14980	5986	2012	*
Van Buren	7809	7676	8626	8643	9778	11007	12053	12603	14060	15020	17354	16253	17043	17672	17081	12270
Wapello	36051	35696	40241	42149	46126	47397	44280	40480	37937	37743	35426	30426	25285	22346	14518	8471
Warren	40671	36033	34878	27432	20829	17758	17695	17700	18047	18194	20376	18269	19578	17980	10281	961
Washington	20670	19612	20141	18967	19406	19557	20055	19822	20421	19925	20718	18468	20374	18952	14235	4957
Wayne	6730	7067	8199	8405	9800	11737	13308	13787	15378	16184	17491	15670	16127	11287	6409	340
Webster	40235	40342	45953	48391	47810	44241	41521	40425	37611	34629	31757	21582	15951	10484	2504	*
Winnebago	11723	12122	13010	12990	13099	13450	13972	13143	13489	11914	12725	7325	4917	1562	168	*
Winneshiek	21310	20847	21876	21758	21651	21639	22263	21630	22091	21729	23731	22528	23938	23570	13942	546
Woodbury	103877	98276	100884	103052	107849	103917	103627	101669	92171	67616	54610	55632	14996	6172	1119	*
Worth	7909	7991	9075	8984	10259	11068	11449	11164	11630	9950	10887	9247	7953	2892	756	*
Wright	14334	14269	16319	17294	19447	19652	20038	20216	20348	17951	18227	12057	5062	2392	653	*
State of Iowa	2926324	2776831	2913808	2825368	2757537	2621073	2538268	2470939	2404021	2224771	2231853	1912297	1624615	1194020	674913	192214
United States	281421906	248709873	203302031	151325798	1179323175	131669275	105710620	91972266	75994575	62947714	50155783	39818449	31443321			23191876

Table 2. Population Change in Iowa's Counties, 1850-2000.

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	1940- 1950	1930- 1940	1920- 1930	1910- 1920	1900- 1910	1890- 1900	1880- 1890	1870- 1880	1860- 1870	1850- 1860
Adair	-166	-1100	22	-1406	-1399	-904	-695	-368	-161	-1772	1658	2867	7685	2998	984*
Adams	-384	-865	-591	-1146	-1285	-1403	-281	-84	-477	-2603	1309	404	7274	3081	1533*
Allamakee	820	-1253	140	-1014	-369	-833	856	-957	-43	-1383	804	-1884	1923	5631	11460
Appanoose	-22	-1768	504	-1008	-3668	-4562	-590	-5700	1834	2774	6966	2325	180	4525	8800
Audubon	-504	-1225	-1036	-1324	-660	-211	-474	-256	-151	-955	1214	4964	6236	758	454*
Benton	2879	-1220	764	-537	766	-223	28	-1229	924	-2021	999	-710	2434	13958	7824
Black Hawk	4214	-14163	5045	10434	22034	20502	10800	12576	11705	12466	8180	306	2207	13462	8109
Boone	1038	-998	-286	-1567	-102	-1643	511	-621	2266	-574	4428	2934	6254	10352	3497
Bremer	512	-2007	2083	1629	2224	952	886	318	885	-462	1675	549	1553	7613	4915*
Buchanan	249	-2056	1138	-531	366	936	1441	-340	142	-1679	2430	451	1512	9128	7389
Buena Vista	446	-809	81	-496	76	1275	1171	111	2575	-994	3427	6011	5952	1528	57*
Butler	-426	-1937	715	-514	73	-592	369	-228	726	-836	2492	1170	4342	6227	3724*
Calhoun	-393	-2034	-750	-1631	-1002	-659	-21	-178	693	-1479	5462	7512	3993	1455	147*
Carroll	-2	-1528	39	-519	366	295	444	777	1432	-202	1491	6477	9900	2170	281*
Cass	-444	-1804	-75	-912	-613	-115	-775	1	374	-2227	1629	2702	11479	3852	1612*
Cedar	743	-1191	980	-136	881	26	124	-800	-205	-1606	1118	-683	-795	6782	9008
Cerro Gordo	-286	-1725	-765	-671	3841	2208	5369	3801	9664	4339	5808	3403	6739	3782	940*
Cherokee	-1063	-2140	-1031	-1329	-454	-206	521	977	1019	171	911	7419	6273	1909	58*
Chickasaw	-200	-2142	468	-65	-194	1	590	-794	56	-1662	2018	485	4354	5844	4336*
Clarke	846	-325	1031	-641	-1147	-864	-151	-122	-230	-1704	1108	-181	2778	3308	5348
Clay	-213	-1991	1112	-40	401	341	1655	447	2894	-635	4092	5061	2725	1471	52*
Clayton	-376	-2044	492	-1356	-560	-1812	-225	-473	-544	-2174	1017	-2096	1058	7043	16855
Clinton	-891	-6082	373	1689	5396	4942	345	1006	-2023	1562	2633	4436	1406	16419	16116
Crawford	167	-2160	-181	547	-1172	-797	-490	414	573	-1644	2791	6481	9883	2147	383*
Dallas	10995	242	3428	1962	462	-988	-844	373	1492	570	2579	1733	6727	6775	4390
Davis	229	-792	897	-992	-760	-1177	-14	-1424	-741	-2305	362	-1210	903	1801	6500
Decatur	351	-1456	57	-802	-2062	-1411	-891	-1663	219	-1768	2472	307	3318	3341	7712
Delaware	369	-898	163	287	749	-753	365	-61	295	-1297	1836	-601	518	6408	9265
Des Moines	-263	-3589	-779	2377	2549	5252	-1358	2642	-625	156	665	2225	5843	7645	6623
Dickinson	1515	-720	3064	-9	-182	571	1203	741	2104	142	3667	2427	512	1209	180*
Dubuque	2740	-7342	3136	10561	8711	7569	2554	2952	812	1047	6555	6852	4027	7805	20323
Emmet	-542	-1767	-673	-862	769	696	550	229	2811	-120	5662	2724	158	1287	105*
Fayette	165	-3645	-1410	-1683	287	-857	6	-106	1332	-1926	6704	883	5285	4900	11248

*County not officially organized as of the first census in this comparison.

Table 2. Population Change in Iowa's Counties, 1850-2000 (continued).

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	1940- 1950	1930- 1940	1920- 1930	1910- 1920	1900- 1910	1890- 1900	1880- 1890	1870- 1880	1860- 1870	1850- 1860
Floyd	-158	-2539	-263	-1242	-403	1336	645	664	1741	-635	2330	747	3909	7024	3744*
Franklin	-660	-1672	-219	-2217	-796	-111	-3	575	1027	-216	2125	2622	5511	3429	1309*
Fremont	-216	-1175	119	-1000	-2041	-2322	-888	86	-176	-2923	1704	-810	6478	6100	3830
Greene	321	-2074	-597	-1663	-1165	-1055	71	61	444	-1797	2023	3070	8100	3253	1374*
Grundy	340	-2337	247	-13	410	204	-615	-287	846	-183	542	576	6240	5606	793*
Guthrie	418	-1048	-260	-1364	-1590	-2013	-114	-272	222	-1355	1349	2986	7333	4003	3058*
Hamilton	367	-1791	-521	-1649	372	-262	-1056	1447	289	-272	4195	4067	5197	4356	1699*
Hancock	-538	-1195	327	-1098	-473	-325	600	79	1992	-1021	6131	4168	2454	820	179*
Hardin	-282	-2682	-472	-285	315	-312	-417	-390	2416	-1873	3791	1196	4123	8244	5440*
Harrison	936	-1618	108	-1360	-1960	-3207	-2130	409	1326	-2435	4241	4707	7718	5310	3621*
Henry	1110	336	776	-73	-521	714	334	-638	-342	-1382	1127	-2091	-477	2762	9994
Howard	123	-1305	-328	-1292	-371	-426	449	-623	785	-1592	3330	345	4555	3114	3168*
Humboldt	-375	-1490	-273	-637	39	-342	257	251	769	-485	2831	4495	2745	2264	332*
Ida	-528	-543	-375	-986	-428	-350	-886	244	393	-1031	1622	6323	4156	183	43*
Iowa	1041	-799	10	-977	561	-1181	-316	-1268	191	-1135	1274	-951	2577	8615	7207
Jackson	346	-2553	1664	85	2132	-559	700	-1450	-1327	-2357	844	-1000	1152	4126	11283
Jasper	2418	-1630	1000	143	2977	809	-1440	5081	821	58	2033	-1020	3847	12233	8603
Jefferson	-129	-6	542	-44	122	-66	-479	-199	489	-1486	2253	-2285	-370	2801	5134
Johnson	14887	14402	9590	18464	7907	12565	2915	3814	548	1097	1735	-2347	531	7325	13101
Jones	777	-957	533	-825	1292	-549	744	599	-443	-2904	1721	-819	1321	6425	10299
Keokuk	-224	-1297	-1022	-1549	-1305	-1609	-742	-1835	-177	-3819	1117	2604	1824	6163	8449
Kossuth	-1428	-3300	-1046	-2377	-927	-389	1178	370	3111	-749	9600	6942	2827	2935	416*
Lee	-635	-4419	110	-1211	1105	2028	-194	1592	2974	-3017	2004	2856	-2351	7978	10371
Linn	22934	-1008	6562	26314	32625	15132	6806	8332	13284	5328	10089	8066	6157	12133	13503
Louisa	591	-463	1373	392	-811	-283	-191	-604	-676	-661	1643	-1269	265	2507	5431
Lucas	352	-1243	150	-760	-1146	-2502	-543	-572	2224	-2664	1563	33	4142	4622	5295
Lyon	-189	-944	-444	-1128	-229	-677	81	-138	807	1459	4485	6712	1747	221*	*
Madison	1536	-114	1039	-737	-836	-1394	194	-689	-601	-2089	1733	-1247	3340	6545	6160
Mahaska	803	-1335	690	-1425	-1070	-1813	681	-466	-3590	-4413	5468	3603	2694	7692	8827
Marion	2051	332	3317	466	-44	-1089	1292	770	1962	-1164	1101	-2053	675	7623	11331
Marshall	1035	-3376	576	3092	2373	205	1679	1097	2351	288	4149	2090	6176	11561	5677
Mills	1345	-204	1574	-1218	-1014	-1000	-802	444	-389	-953	2216	411	5419	4237	4481*
Mitchell	-54	-1401	-779	-935	98	-176	56	144	486	-1481	1617	-1064	4781	6173	3409*

Table 2. Population Change in Iowa's Counties, 1850-2000 (continued).

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	1940- 1950	1930- 1940	1920- 1930	1910- 1920	1900- 1910	1890- 1900	1880- 1890	1870- 1880	1860- 1870	1850- 1860
Monona	-14	-1658	-377	-1847	-2387	-1935	25	1088	492	-1347	3465	5460	5401	2822	832*
Monroe	-98	-1095	-148	-1106	-1351	-2739	-457	-8457	-1962	7444	4319	-53	995	4112	5728
Montgomery	-305	-1337	632	-1686	-1218	-12	-1055	-296	444	-1199	1955	-47	9961	4678	1256*
Muscatine	1815	-529	3255	3341	1692	852	1911	343	-463	1263	3738	1334	1482	5244	10713
O'Brien	-342	-1528	-550	-1318	-130	-323	884	-642	1789	277	3925	8905	3440	707	8*
Osceola	-264	-1104	-184	-1509	-117	-426	425	-41	1267	231	3151	3355	2219*	*	*
Page	106	-2193	526	-2486	-2898	-966	-1017	1767	135	-185	2846	1674	9692	5556	3868
Palo Alto	-522	-2052	-568	-1447	-1155	-279	772	-88	1641	-509	5036	5187	2795	1204	132*
Plymouth	1461	-1355	421	416	654	-250	-657	575	455	920	2641	11002	6367	2051	148*
Pocahontas	-863	-1844	-1424	-1441	-1262	-770	579	85	794	-531	5786	5840	2267	1343	103*
Polk	47461	23970	17040	19815	40305	30175	22998	18808	43591	27814	17214	23015	14538	16232	7112
Pottawattamie	5076	-3933	-430	3889	13420	2926	-3132	8338	5718	1496	6906	7580	22957	11925	-2860
Poweshiek	-218	-273	503	-497	-44	586	31	-1183	321	175	1020	-542	3355	9913	5053
Ringgold	49	-692	-261	-1537	-1618	-1609	-829	-953	15	-2421	1769	1471	6394	2768	2923*
Sac	-795	-1794	-1455	-1434	-511	-121	-2	141	945	-1084	3117	5748	7363	1165	246*
Scott	7695	-9049	17335	23620	18369	15950	7416	3380	13952	8442	8394	1898	2667	12640	19973
Shelby	-57	-1813	-485	-297	-117	-778	-411	1066	-487	-1380	321	4915	10156	1722	818*
Sioux	1686	-910	2817	1621	-6	-828	403	348	1210	1911	4967	12944	4850	566	10*
Story	5729	1926	9543	13456	5033	10860	2293	4956	2102	924	5032	1221	5255	7600	4051*
Tama	684	-2114	-614	-1266	-275	-740	441	126	-295	-2429	2533	467	5454	10846	5277
Taylor	-156	-1239	-437	-1498	-2132	-1838	-601	-655	-798	-2472	2400	749	8646	3399	3386
Union	-441	-1108	301	-155	-1939	-629	-1155	167	652	-3312	3028	1920	8994	3974	2012*
Van Buren	133	-950	-17	-1135	-1229	-1046	-550	-1457	-960	-2334	1101	-790	-629	591	4811
Wapello	355	-4545	-1908	-3977	-1271	3117	3800	2543	194	2317	5000	5141	2939	7828	6047
Warren	4638	1155	7446	6603	3071	63	-5	-347	-147	-2182	2107	-1309	1598	7699	9320
Washington	1058	-529	1174	-439	-151	-498	233	-599	496	-793	2250	-1906	1422	4717	9278
Wayne	-337	-1132	-206	-1395	-1937	-1571	-479	-1591	-806	-1307	1821	-457	4840	4878	6069
Webster	-107	-5611	-2438	581	3569	2720	1096	2814	2982	2872	10175	5631	5467	7980	2504*
Winnebago	-399	-888	20	-109	-351	-522	829	-346	1575	-811	5400	2408	3355	1394	168*
Winneshiek	463	-1029	118	107	12	-624	633	-461	362	-2002	1203	-1410	368	9628	13396
Woodbury	5601	-2608	-2168	-4797	3932	290	1958	9498	24555	13006	-1022	40636	8824	5053	1119*
Worth	-82	-1084	91	-1275	-809	-381	285	-466	1680	-937	1640	1294	5061	2136	756*
Wright	65	-2050	-975	-2153	-205	-386	-178	-132	2397	-276	6170	6995	2670	1739	653*
State of Iowa	149493	-136977	88440	67831	136464	82805	67329	66918	179250	-7082	319556	287682	430595	519107	482699
United States	32712033	22176102	23240168	23978856	27997387	19656523	8894229	17064426	13738354	15977691	13046861	12791931	10337334	8375128	8251445

Table 3. Percent Population Change in Iowa's Counties, 1850-2000.

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	1940- 1950	1930- 1940	1920- 1930	1910- 1920	1900- 1910	1890- 1900	1880- 1890	1870- 1880	1860- 1870	1850- 1860
Adair	-2.0	-11.6	0.2	-12.9	-11.4	-6.9	-5.0	-2.6	-1.1	-10.9	11.4	24.6	193.0	304.7	*
Adams	-7.9	-15.1	-9.3	-15.3	-14.7	-13.8	-2.7	-0.8	-4.3	-19.1	10.6	3.4	157.7	201.0	*
Allamakee	5.9	-8.3	0.9	-6.3	-2.3	-4.8	5.2	-5.5	-0.2	-7.4	4.5	-9.5	10.8	46.0	1474.9
Appanoose	-0.2	-11.4	3.4	-6.3	-18.6	-18.8	-2.4	-18.7	6.4	10.7	36.7	14.0	1.1	37.9	281.1
Audubon	-6.9	-14.3	-10.8	-12.1	-5.7	-1.8	-3.9	-2.0	-1.2	-7.0	9.8	66.6	514.5	167.0	*
Benton	12.8	-5.2	3.3	-2.3	3.4	-1.0	0.1	-5.1	4.0	-8.0	4.1	-2.9	10.8	164.3	1164.3
Black Hawk	3.4	-10.3	3.8	8.5	21.9	25.6	15.6	22.2	26.1	38.5	33.8	1.3	10.2	163.3	6006.7
Boone	4.1	-3.8	-1.1	-5.6	-0.4	-5.5	1.7	-2.1	8.2	-2.0	18.6	14.1	42.9	244.6	475.8
Bremer	2.2	-8.1	9.2	7.7	11.8	5.3	5.2	1.9	5.6	-2.8	11.4	3.9	12.4	154.9	*
Buchanan	1.2	-9.0	5.2	-2.4	1.7	4.5	7.4	-1.7	0.7	-7.8	12.8	2.4	8.9	115.5	1429.2
Buena Vista	2.2	-3.9	0.4	-2.3	0.4	6.4	6.3	0.6	16.1	-5.9	25.3	79.8	375.5	2680.7	*
Butler	-2.7	-11.0	4.2	-2.9	0.4	-3.3	2.1	-1.3	4.2	-4.7	16.1	8.2	43.6	167.2	*
Calhoun	-3.4	-15.0	-5.2	-10.2	-5.9	-3.7	-0.1	-1.0	4.1	-8.0	41.7	134.3	249.3	989.8	*
Carroll	-0.0	-6.7	0.2	-2.2	1.6	1.3	2.0	3.6	7.1	-1.0	7.9	52.4	403.9	772.2	*
Cass	-2.9	-10.7	-0.4	-5.1	-3.3	-0.6	-4.0	0.0	2.0	-10.5	8.3	15.9	210.1	239.0	*
Cedar	4.3	-6.4	5.6	-0.8	5.2	0.2	0.7	-4.6	-1.2	-8.3	6.1	-3.6	-4.0	52.4	228.6
Cerro Gordo	-0.6	-3.6	-1.6	-1.3	8.3	5.0	14.0	11.0	38.6	21.0	39.1	29.7	142.7	402.3	*
Cherokee	-7.5	-13.2	-6.0	-7.1	-2.4	-1.1	2.8	5.5	6.1	1.0	5.8	90.0	318.9	3291.4	*
Chickasaw	-1.5	-13.9	3.1	-0.4	-1.3	0.0	4.0	-5.1	0.4	-9.8	13.4	3.3	42.8	134.8	*
Clarke	10.2	-3.8	13.6	-7.8	-12.2	-8.4	-1.5	-1.2	-2.1	-13.7	9.8	-1.6	31.8	61.0	6769.6
Clay	-1.2	-10.2	6.0	-0.2	2.2	1.9	10.3	2.9	22.7	-4.7	44.0	119.1	178.9	2828.8	*
Clayton	-2.0	-9.7	2.4	-6.2	-2.5	-7.4	-0.9	-1.9	-2.1	-7.8	3.8	-7.3	3.8	34.0	435.2
Clinton	-1.7	-10.6	0.7	3.1	10.9	11.1	0.8	2.3	-4.5	3.6	6.4	12.1	4.0	86.7	571.1
Crawford	1.0	-11.4	-0.9	2.9	-5.9	-3.9	-2.3	2.0	2.9	-7.6	14.8	52.2	390.6	560.6	*
Dallas	37.0	0.8	13.1	8.1	2.0	-4.0	-3.3	1.5	6.3	2.5	12.6	9.2	56.0	129.2	514.1
Davis	2.8	-8.7	10.9	-10.8	-7.6	-10.6	-0.1	-11.3	-5.6	-14.8	2.4	-7.3	5.8	13.1	89.5
Decatur	4.2	-14.9	0.6	-7.6	-16.4	-10.1	-6.0	-10.0	1.3	-9.8	15.8	2.0	27.6	38.5	799.2
Delaware	2.0	-4.7	0.9	1.6	4.2	-4.1	2.0	-0.3	1.6	-6.8	10.6	-3.3	3.0	58.1	526.7
Des Moines	-0.6	-7.8	-1.7	5.3	6.1	14.3	-3.6	7.4	-1.7	0.4	1.9	6.7	21.4	39.0	51.0
Dickinson	10.2	-4.6	24.4	-0.1	-1.4	4.7	11.0	7.2	25.9	1.8	84.7	127.7	36.9	671.7	*
Dubuque	3.2	-7.8	3.5	13.2	12.2	11.9	4.2	5.1	1.4	1.9	13.1	15.9	10.3	25.0	187.5
Emmet	-4.7	-13.2	-4.8	-5.8	5.5	5.2	4.3	1.8	28.6	-1.2	132.5	175.7	11.4	1225.7	*
Fayette	0.8	-14.3	-5.2	-5.9	1.0	-2.9	0.0	-0.4	4.8	-6.5	29.0	4.0	31.1	40.6	1363.4

*County not officially organized as of the first census in this comparison.

Table 3. Percent Population Change in Iowa's Counties, 1850-2000 (continued).

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	1940- 1950	1930- 1940	1920- 1930	1910- 1920	1900- 1910	1890- 1900	1880- 1890	1870- 1880	1860- 1870	1850- 1860
Floyd	-0.9	-13.0	-1.3	-5.9	-1.9	6.6	3.3	3.5	10.2	-3.6	15.1	5.1	36.3	187.6	*
Franklin	-5.8	-12.8	-1.7	-14.3	-4.9	-0.7	-0.0	3.6	6.9	-1.4	16.5	25.6	116.3	262.0	*
Fremont	-2.6	-12.5	1.3	-9.7	-16.6	-15.9	-5.7	0.6	-1.1	-15.8	10.1	-4.6	58.0	120.2	307.9
Greene	3.2	-17.1	-4.7	-11.6	-7.5	-6.4	0.4	0.4	2.8	-10.1	12.8	24.1	175.1	236.8	*
Grundy	2.8	-16.3	1.7	-0.1	3.0	1.5	-4.4	-2.0	6.2	-1.3	4.1	4.6	97.5	706.9	*
Guthrie	3.8	-8.7	-2.1	-10.0	-10.5	-11.7	-0.7	-1.5	1.3	-7.2	7.8	20.7	103.9	130.9	*
Hamilton	2.3	-10.0	-2.8	-8.2	1.9	-1.3	-5.0	7.4	1.5	-1.4	27.4	36.1	85.8	256.4	*
Hancock	-4.3	-8.6	2.4	-7.5	-3.1	-2.1	4.1	0.5	15.6	-7.4	80.4	120.7	245.6	458.1	*
Hardin	-1.5	-12.3	-2.1	-1.3	1.4	-1.4	-1.8	-1.7	11.5	-8.2	19.9	6.7	30.1	151.5	*
Harrison	6.4	-9.9	0.7	-7.7	-10.0	-14.1	-8.6	1.7	5.7	-9.5	19.9	28.3	86.4	146.6	*
Henry	5.8	1.8	4.3	-0.4	-2.8	4.0	1.9	-3.5	-1.8	-6.9	6.0	-10.0	-2.2	14.8	114.8
Howard	1.3	-11.7	-2.9	-10.1	-2.8	-3.1	3.4	-4.5	6.1	-11.0	29.8	3.2	72.5	98.3	*
Humboldt	-3.5	-12.2	-2.2	-4.8	0.3	-2.5	1.9	1.9	6.3	-3.8	28.8	84.2	105.7	681.9	*
Ida	-6.3	-6.1	-4.0	-9.6	-4.0	-3.2	-7.4	2.1	3.5	-8.4	15.2	144.3	1838.9	425.6	*
Iowa	7.1	-5.2	0.1	-6.0	3.5	-6.9	-1.8	-6.8	1.0	-5.8	7.0	-4.9	15.5	107.3	876.8
Jackson	1.7	-11.3	8.0	0.4	11.4	-2.9	3.8	-7.3	-6.2	-10.0	3.7	-4.2	5.1	22.3	156.5
Jasper	6.9	-4.5	2.8	0.4	9.2	2.6	-4.4	18.2	3.0	0.2	8.2	-3.9	17.4	123.8	672.1
Jefferson	-0.8	-0.0	3.4	-0.3	0.8	-0.4	-2.9	-1.2	3.1	-8.5	14.8	-13.1	-2.1	18.6	51.8
Johnson	15.5	17.6	13.3	34.4	17.3	37.9	9.6	14.4	2.1	4.4	7.5	-9.2	2.1	41.7	293.0
Jones	4.0	-4.7	2.7	-4.0	6.7	-2.8	3.9	3.2	-2.3	-13.2	8.5	-3.9	6.7	48.3	342.5
Keokuk	-1.9	-10.0	-7.3	-10.0	-7.8	-8.7	-3.9	-8.7	-0.8	-15.3	4.7	12.2	9.4	46.4	175.2
Kossuth	-7.7	-15.1	-4.6	-9.4	-3.5	-1.5	4.6	1.5	14.2	-3.3	73.2	112.4	84.4	705.5	*
Lee	-1.6	-10.3	0.3	-2.7	2.6	4.9	-0.5	4.0	8.1	-7.6	5.3	8.2	-6.3	27.3	55.0
Linn	13.6	-0.6	4.0	19.2	31.3	17.0	8.3	11.3	21.9	9.6	22.3	21.7	19.8	64.0	248.0
Louisa	5.1	-3.8	12.9	3.8	-7.3	-2.5	-1.7	-5.0	-5.3	-4.9	13.8	-9.7	2.1	24.2	110.0
Lucas	3.9	-12.1	1.5	-7.0	-9.5	-17.2	-3.6	-3.6	16.5	-16.5	10.7	0.2	39.9	80.2	1124.2
Lyon	-1.6	-7.3	-3.3	-7.8	-1.6	-4.4	0.5	-0.9	5.5	11.1	51.7	341.1	790.5	*	*
Madison	12.3	-0.9	9.0	-6.0	-6.4	-9.6	1.4	-4.6	-3.8	-11.8	10.8	-7.2	24.1	89.2	522.5
Mahaska	3.7	-5.8	3.1	-6.0	-4.3	-6.8	2.6	-1.8	-12.0	-12.9	19.0	14.3	12.0	51.9	147.4
Marion	6.8	1.1	12.6	1.8	-0.2	-4.0	5.0	3.1	8.5	-4.8	4.8	-8.2	2.8	45.3	206.7
Marshall	2.7	-8.1	1.4	8.1	6.7	0.6	5.0	3.4	7.8	1.0	16.1	8.8	35.1	192.2	1679.6
Mills	10.2	-1.5	13.3	-9.3	-7.2	-6.6	-5.1	2.9	-2.5	-5.7	15.2	2.9	62.2	94.6	*
Mitchell	-0.5	-11.4	-5.9	-6.7	0.7	-1.2	0.4	1.0	3.6	-9.9	12.2	-7.4	49.9	181.1	*

Table 3. Percent Population Change in Iowa's Counties, 1850-2000 (continued).

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	1940- 1950	1930- 1940	1920- 1930	1910- 1920	1900- 1910	1890- 1900	1880- 1890	1870- 1880	1860- 1870	1850- 1860
Monona	-0.1	-14.2	-3.1	-13.3	-14.6	-10.6	0.1	6.4	3.0	-7.5	23.9	60.3	147.8	339.2	*
Monroe	-1.2	-11.9	-1.6	-10.6	-11.4	-18.8	-3.0	-36.0	-7.7	41.4	31.6	-0.4	7.8	47.7	198.6
Montgomery	-2.5	-10.0	4.9	-11.7	-7.8	-0.1	-6.3	-1.7	2.7	-6.7	12.3	-0.3	167.9	372.5	*
Muscatine	4.5	-1.3	8.8	9.9	5.3	2.7	6.5	1.2	-1.6	4.5	15.3	5.8	6.8	31.9	186.9
O'Brien	-2.2	-9.0	-3.1	-7.0	-0.7	-1.7	4.8	-3.4	10.4	1.6	30.1	214.3	481.1	8837.5	*
Osceola	-3.6	-13.2	-2.2	-15.0	-1.1	-4.0	4.2	-0.4	14.1	2.6	56.5	151.2	*	*	*
Page	0.6	-11.5	2.8	-11.8	-12.1	-3.9	-3.9	7.3	0.6	-0.8	13.3	8.5	97.2	125.7	702.0
Palo Alto	-4.9	-16.1	-4.3	-9.8	-7.3	-1.7	5.0	-0.6	11.9	-3.5	54.0	125.6	209.2	912.1	*
Plymouth	6.2	-5.5	1.7	1.7	2.8	-1.1	-2.7	2.4	2.0	4.1	13.5	128.4	289.5	1385.8	*
Pocahontas	-9.1	-16.2	-11.1	-10.1	-8.1	-4.7	3.7	0.5	5.4	-3.5	60.6	157.3	156.8	1303.9	*
Polk	14.5	7.9	6.0	7.4	17.8	15.4	13.3	12.2	39.5	33.7	26.3	54.3	52.2	139.6	157.6
Pottawattamie	6.1	-4.5	-0.5	4.7	19.3	4.4	-4.5	13.5	10.2	2.8	14.6	19.0	135.9	240.0	-36.5
Poweshiek	-1.1	-1.4	2.7	-2.6	-0.2	3.1	0.2	-5.9	1.6	0.9	5.5	-2.9	21.5	174.9	821.6
Ringgold	0.9	-11.3	-4.1	-19.4	-17.0	-14.4	-6.9	-7.4	0.1	-15.8	13.0	12.2	112.4	94.7	*
Sac	-6.5	-12.7	-9.3	-8.4	-2.9	-0.7	-0.0	0.8	5.7	-6.1	21.5	65.5	521.8	473.6	*
Scott	5.1	-5.7	12.1	19.8	18.2	18.8	9.6	4.6	23.3	16.4	19.4	4.6	6.9	48.7	333.7
Shelby	-0.4	-12.1	-3.1	-1.9	-0.7	-4.7	-2.4	6.6	-2.9	-7.7	1.8	38.7	399.8	210.5	*
Sioux	5.6	-3.0	10.1	6.1	-0.0	-3.0	1.5	1.3	4.8	8.2	27.0	238.6	842.0	5660.0	*
Story	7.7	2.7	15.2	27.3	11.4	32.5	7.4	18.9	8.7	4.0	27.8	7.2	45.1	187.6	*
Tama	3.9	-10.8	-3.0	-5.9	-1.3	-3.3	2.0	0.6	-1.3	-9.9	11.5	2.2	33.8	205.2	65962.5
Taylor	-2.2	-14.8	-5.0	-14.6	-17.2	-12.9	-4.0	-4.2	-4.9	-13.2	14.6	4.8	123.7	94.7	1659.8
Union	-3.5	-8.0	2.2	-1.1	-12.4	-3.9	-6.6	1.0	3.9	-16.6	17.9	12.8	150.3	197.5	*
Van Buren	1.7	-11.0	-0.2	-11.6	-11.2	-8.7	-4.4	-10.4	-6.4	-13.4	6.8	-4.6	-3.6	3.5	39.2
Wapello	1.0	-11.3	-4.5	-8.6	-2.7	7.0	9.4	6.7	0.5	6.5	16.4	20.3	13.2	53.9	71.4
Warren	12.9	3.3	27.1	31.7	17.3	0.4	-0.0	-1.9	-0.8	-10.7	11.5	-6.7	8.9	74.9	969.8
Washington	5.4	-2.6	6.2	-2.3	-0.8	-2.5	1.2	-2.9	2.5	-3.8	12.2	-9.4	7.5	33.1	187.2
Wayne	-4.8	-13.8	-2.5	-14.2	-16.5	-11.8	-3.5	-10.3	-5.0	-7.5	11.6	-2.8	42.9	76.1	1785.0
Webster	-0.3	-12.2	-5.0	1.2	8.1	6.6	2.7	7.5	8.6	9.0	47.1	35.3	52.1	318.7	*
Winnebago	-3.3	-6.8	0.2	-0.8	-2.6	-3.7	6.3	-2.6	13.2	-6.4	73.7	49.0	214.8	829.8	*
Winneshiek	2.2	-4.7	0.5	0.5	0.1	-2.8	2.9	-2.1	1.7	-8.4	5.3	-5.9	1.6	69.1	2453.5
Woodbury	5.7	-2.6	-2.1	-4.4	3.8	0.3	1.9	10.3	36.3	23.8	-1.8	271.0	143.0	451.6	*
Worth	-1.0	-11.9	1.0	-12.4	-7.3	-3.3	2.6	-4.0	16.9	-8.6	17.7	16.3	175.0	282.5	*
Wright	0.5	-12.6	-5.6	-11.1	-1.0	-1.9	-0.9	-0.6	13.4	-1.5	51.2	138.2	111.6	266.3	*
State of Iowa	5.4	-4.7	3.1	2.5	5.2	3.3	2.7	2.8	8.1	-0.3	16.7	17.7	36.1	76.9	251.1
United States	13.2	9.8	11.4	13.4	18.5	14.5	7.2	16.1	14.9	21.0	20.7	25.5	26.0	26.6	35.6

Table 4. Percent of Total State Population in Each County, 1850-2000.

County	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
Adair	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.8	0.7	0.3	0.1	*
Adams	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.4	0.2	*
Allamakee	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9	1.2	1.5	1.8	0.4
Appanoose	0.5	0.5	0.5	0.5	0.6	0.8	1.0	1.0	1.3	1.3	1.2	1.0	1.0	1.4	1.8	1.6
Audubon	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.1	0.1	*
Benton	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.3	1.5	1.9	1.3	0.3
Black Hawk	4.4	4.5	4.7	4.7	4.4	3.8	3.1	2.8	2.4	2.0	1.5	1.3	1.5	1.8	1.2	0.1
Boone	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.2	0.6	0.4
Bremer	0.8	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0	0.7	*
Buchanan	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.1	1.4	1.2	0.3
Buena Vista	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.5	0.1	0.0	*
Butler	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.8	0.6	*
Calhoun	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.7	0.3	0.1	0.0	*
Carroll	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.8	0.2	0.0	*
Cass	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.0	0.5	0.2	*
Cedar	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.9	1.0	1.2	1.7	1.9	2.1
Cerro Gordo	1.6	1.7	1.7	1.7	1.8	1.8	1.7	1.6	1.4	1.1	0.9	0.8	0.7	0.4	0.1	*
Cherokee	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.7	0.8	0.7	0.8	0.5	0.2	0.0	*
Chickasaw	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.9	0.6	*
Clarke	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.0
Clay	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.1	0.0	*
Clayton	0.6	0.7	0.7	0.7	0.8	0.9	1.0	1.0	1.0	1.1	1.2	1.4	1.8	2.3	3.1	2.0
Clinton	1.7	1.8	2.0	2.0	2.0	1.9	1.8	1.8	1.8	2.0	2.0	2.2	2.3	3.0	2.8	1.5
Crawford	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	0.8	0.2	0.1	*
Dallas	1.4	1.1	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.0	1.1	1.2	1.0	0.8	0.4
Davis	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	1.0	1.3	2.0	3.8
Decatur	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.3	0.5
Delaware	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.1	1.5	1.6	0.9
Des Moines	1.4	1.5	1.6	1.7	1.6	1.6	1.4	1.5	1.5	1.6	1.6	1.8	2.0	2.3	2.9	6.8
Dickinson	0.6	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.2	0.1	0.1	0.0	*
Dubuque	3.0	3.1	3.2	3.2	2.9	2.7	2.5	2.5	2.4	2.6	2.5	2.6	2.6	3.3	4.6	5.6
Emmet	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.2	0.1	0.1	0.0	*
Fayette	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.2	1.4	1.4	1.8	0.4

*County not officially organized as of this census.

Table 4. Percent of Total State Population in Each County, 1850-2000 (continued).

County	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
Floyd	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.6	*
Franklin	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.2	*
Fremont	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	0.7	0.8	0.9	1.1	0.9	0.8	0.6
Greene	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.4	0.2	*
Grundy	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.8	0.5	0.1	*
Guthrie	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.6	0.5	*
Hamilton	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.7	0.5	0.3	*
Hancock	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2	0.1	0.0	*
Hardin	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0	0.9	1.0	1.0	1.1	1.1	0.8	*
Harrison	0.5	0.5	0.6	0.6	0.6	0.7	0.9	1.0	1.0	1.0	1.1	1.1	1.0	0.7	0.5	*
Henry	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.3	1.8	2.8	4.5
Howard	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.7	0.5	0.5	*
Humboldt	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.3	0.2	0.0	*
Ida	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.3	0.0	0.0	*
Iowa	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.2	1.4	1.2	0.4
Jackson	0.7	0.7	0.8	0.7	0.8	0.7	0.8	0.7	0.8	1.0	1.1	1.2	1.5	1.9	2.7	3.8
Jasper	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.6	1.9	1.5	0.7
Jefferson	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	1.1	1.5	2.2	5.2
Johnson	3.8	3.5	2.8	2.6	1.9	1.7	1.3	1.2	1.1	1.2	1.1	1.2	1.6	2.1	2.6	2.3
Jones	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.9	1.0	1.1	1.3	1.7	2.0	1.6
Keokuk	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.6	2.0	2.5
Kossuth	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.3	0.1	*
Lee	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.6	1.8	2.0	2.1	3.1	4.3	9.8
Linn	6.6	6.1	5.8	5.8	5.0	4.0	3.5	3.3	3.1	2.7	2.5	2.4	2.3	2.6	2.8	2.8
Louisa	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.8	1.1	1.5	2.6
Lucas	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.6	0.7	0.8	0.9	0.9	0.9	0.2
Lyon	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.6	0.5	0.1	0.0	*	*
Madison	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.7	0.8	0.8	1.1	1.2	1.1	0.6
Mahaska	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.3	1.5	1.5	1.6	1.9	2.2	3.1
Marion	1.1	1.1	1.0	0.9	0.9	1.0	1.1	1.0	1.0	1.0	1.1	1.2	1.5	2.0	2.5	2.9
Marshall	1.3	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.5	1.5	0.9	0.2
Mills	0.5	0.5	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.7	0.7	*
Mitchell	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.9	0.8	0.5	*

Table 4. Percent of Total State Population in Each County, 1850-2000 (continued).

County	2000	1990	1980	1970	1960	1950	1940	1930	1920	1910	1900	1890	1880	1870	1860	1850
Monona	0.3	0.4	0.4	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.6	0.3	0.1	*
Monroe	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.6	1.0	1.1	0.8	0.7	0.8	1.1	1.3	1.5
Montgomery	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	1.0	0.5	0.2	*
Muscatine	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.8	2.4	3.0
O'Brien	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.7	0.3	0.1	0.0	*
Osceola	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1	*	*	*
Page	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	0.8	0.7	0.3
Palo Alto	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.3	0.1	0.0	*
Plymouth	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.5	0.2	0.0	*
Pocahontas	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.5	0.2	0.1	0.0	*
Polk	12.8	11.8	10.4	10.1	9.7	8.6	7.7	7.0	6.4	5.0	3.7	3.4	2.6	2.3	1.7	2.3
Pottawattamie	3.0	3.0	3.0	3.1	3.0	2.7	2.6	2.8	2.6	2.5	2.4	2.5	2.5	1.4	0.7	4.1
Poweshiek	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.2	1.3	0.8	0.3
Ringgold	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.7	0.5	0.4	*
Sac	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.5	0.1	0.0	*
Scott	5.4	5.4	5.5	5.1	4.3	3.8	3.3	3.1	3.1	2.7	2.3	2.3	2.5	3.2	3.8	3.1
Shelby	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.9	0.8	0.2	0.1	*
Sioux	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	0.3	0.0	0.0	*
Story	2.7	2.7	2.5	2.2	1.8	1.7	1.3	1.3	1.1	1.1	1.0	0.9	1.0	1.0	0.6	*
Tama	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.4	0.8	0.0
Taylor	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	0.7	0.8	0.9	1.0	0.6	0.5	0.1
Union	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.9	0.9	0.9	0.5	0.3	*
Van Buren	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.8	1.0	1.5	2.5	6.4
Wapello	1.2	1.3	1.4	1.5	1.7	1.8	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.9	2.2	4.4
Warren	1.4	1.3	1.2	1.0	0.8	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.2	1.5	1.5	0.5
Washington	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.3	1.6	2.1	2.6
Wayne	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	1.0	0.9	0.9	0.2
Webster	1.4	1.5	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.4	1.1	1.0	0.9	0.4	*
Winnebago	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.3	0.1	0.0	*
Winneshiek	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.2	1.5	2.0	2.1	0.3
Woodbury	3.5	3.5	3.5	3.6	3.9	4.0	4.1	4.1	3.8	3.0	2.4	2.9	0.9	0.5	0.2	*
Worth	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.2	0.1	*
Wright	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.6	0.3	0.2	0.1	*
Iowa as % of U.S. Total Population	1.0	1.1	1.3	1.4	1.5	1.7	1.9	2.0	2.3	2.4	2.9	3.0	3.2	3.0	2.1	0.8

Table 5. Population Change (1850-1900, 1900-1950, 1950-2000), Decades of Population Increase, and Year Census Count Highest in Iowa's Counties.

County	Population Change					Number of Decades of Population Increase			Year Census Count Highest	
	1850-1900		1900-1950		1950-2000		1850-1900	1900-1950		1950-2000
	Number	Number	Percent	Number	Percent	Number	Percent	Number		Percent
Adair	16192	-3900	-24.1	-4049	-32.9	5	0	1	1900	
Adams	13601	-4848	-35.6	-4271	-48.8	5	0	0	1900	
Allamakee	17934	-2360	-12.6	-1676	-10.3	4	1	2	1880	
Appanoose	22796	-6244	-24.1	-5962	-30.3	5	2	1	1920	
Audubon	13626	-2047	-15.0	-4749	-41.0	5	0	0	1900	
Benton	24505	-2521	-10.0	2652	11.7	4	2	3	2000	
Black Hawk	32264	68049	210.0	27564	27.4	5	5	4	1980	
Boone	27465	-61	-0.2	-1915	-6.8	5	2	1	1920	
Bremer	16305	2579	15.8	4441	23.5	5	4	4	1980	
Buchanan	20910	500	2.3	-834	-3.8	5	3	3	1980	
Buena Vista	16975	4138	24.4	-702	-3.3	5	4	3	1960	
Butler	17955	-561	-3.1	-2089	-12.0	5	2	2	1940	
Calhoun	18569	-1644	-8.8	-5810	-34.3	5	1	0	1900	
Carroll	20319	2746	13.5	-1644	-7.1	5	4	2	1960	
Cass	21274	-2742	-12.9	-3848	-20.8	5	2	0	1900	
Cedar	15430	-2461	-12.7	1277	7.6	3	2	3	1870	
Cerro Gordo	20672	25381	122.8	394	0.9	5	5	1	1960	
Cherokee	16570	2482	15.9	-6017	-31.6	5	4	0	1940	
Chickasaw	17037	-1809	-10.6	-2133	-14.0	5	3	1	1900	
Clarke	12361	-3071	-24.7	-236	-2.5	4	0	2	1900	
Clay	13401	4702	35.1	-731	-4.0	5	4	2	1980	
Clayton	23877	-5228	-18.8	-3844	-17.1	4	0	1	1880	
Clinton	41010	5832	13.3	485	1.0	5	4	3	1980	
Crawford	21685	-1944	-9.0	-2799	-14.2	5	2	2	1900	
Dallas	22204	603	2.6	17089	72.2	5	3	5	2000	
Davis	8356	-5661	-36.2	-1418	-14.2	4	0	2	1880	
Decatur	17150	-5514	-30.4	-3912	-31.0	5	1	2	1900	
Delaware	17426	-1451	-7.6	670	3.8	4	2	4	1900	
Des Moines	23001	6067	16.9	295	0.7	5	3	2	1970	
Dickinson	7995	4761	59.6	3668	28.8	5	5	2	2000	
Dubuque	45562	14934	26.5	17806	25.0	5	5	4	1980	
Emmet	9936	4166	41.9	-3075	-21.8	5	4	1	1960	
Fayette	29020	-1551	-5.2	-6286	-22.2	5	2	2	1900	
Floyd	17754	3751	21.1	-4605	-21.4	5	4	0	1950	
Franklin	14996	1272	8.5	-5564	-34.2	5	2	0	1930	
Fremont	17302	-6223	-33.6	-4313	-35.0	4	1	1	1900	
Greene	17820	-2276	-12.8	-5178	-33.3	5	3	1	1900	
Grundy	13757	-35	-0.2	-1353	-9.9	5	2	3	1920	
Guthrie	18729	-3532	-18.9	-3844	-25.3	5	1	1	1900	
Hamilton	19514	146	0.8	-3222	-16.4	5	2	2	1930	
Hancock	13752	1325	9.6	-2977	-19.7	5	3	1	1940	
Hardin	22794	-576	-2.5	-3406	-15.3	5	1	1	1920	
Harrison	25597	-6037	-23.6	-3894	-19.9	5	2	2	1900	
Henry	11315	-1314	-6.6	1628	8.7	3	2	3	1870	
Howard	14512	-1407	-9.7	-3173	-24.2	5	2	1	1900	
Humboldt	12667	450	3.6	-2736	-20.9	5	3	1	1940	
Ida	12327	-1630	-13.2	-2860	-26.7	5	2	0	1900	
Iowa	18722	-3709	-19.0	-164	-1.0	4	1	3	1900	
Jackson	16405	-4993	-21.1	1674	9.0	4	1	4	1880	
Jasper	25696	5329	19.8	4908	15.2	4	4	4	2000	

Table 5. Population Change (1850-1900, 1900-1950, 1950-2000), Decades of Population Increase, and Year Census Count Highest in Iowa's Counties (continued).

County	Population Change					Number of Decades of Population Increase			Year Census Count Highest	
	1850-1900		1900-1950		1950-2000		1850-1900	1900-1950		1950-2000
	Number	Percent	Number	Percent	Number	Percent				
Jefferson	7533	-1741	-10.0	485	3.1	3	1	2	1870	
Johnson	20345	20939	84.4	65250	142.6	4	5	5	2000	
Jones	18947	-2553	-11.6	820	4.2	4	2	3	1900	
Keokuk	20157	-8182	-32.8	-5397	-32.1	5	0	0	1900	
Kossuth	22720	3521	15.5	-9078	-34.6	5	3	0	1940	
Lee	20858	3383	8.5	-5050	-11.7	4	3	2	1960	
Linn	49948	48882	88.2	87427	83.8	5	5	4	2000	
Louisa	8577	-2415	-17.9	1082	9.7	4	0	3	1900	
Lucas	15655	-4057	-25.2	-2647	-21.9	5	1	2	1900	
Lyon	13165	1532	11.6	-2934	-20.0	4	3	0	1920	
Madison	16531	-4579	-25.9	888	6.8	4	1	2	1900	
Mahaska	28284	-9601	-28.0	-2337	-9.5	5	1	2	1900	
Marion	18677	1771	7.3	6122	23.6	4	3	4	2000	
Marshall	29653	5620	18.7	3700	10.4	5	5	4	1980	
Mills	16764	-2700	-16.1	483	3.4	5	1	2	1900	
Mitchell	14916	-971	-6.5	-3071	-22.0	4	3	1	1900	
Monona	17980	-1677	-9.3	-6283	-38.5	5	3	0	1940	
Monroe	15101	-6171	-34.3	-3798	-32.1	4	1	0	1910	
Montgomery	17803	-2118	-11.9	-3914	-25.0	4	1	1	1900	
Muscatine	22511	3906	13.8	9574	29.8	5	4	4	2000	
O'Brien	16985	1985	11.7	-3868	-20.4	5	3	0	1940	
Osceola	8725	1456	16.7	-3178	-31.2	3	3	0	1940	
Page	23636	-266	-1.1	-6945	-29.0	5	2	2	1930	
Palo Alto	14354	1537	10.7	-5744	-36.1	5	2	0	1940	
Plymouth	22209	1043	4.7	1597	6.9	5	3	4	2000	
Pocahontas	15339	157	1.0	-6834	-44.1	5	3	0	1940	
Polk	78111	143386	173.5	148591	65.7	5	5	5	2000	
Pottawattamie	46508	15346	28.2	18022	25.9	4	4	3	2000	
Poweshiek	18799	-70	-0.4	-529	-2.7	4	4	1	1920	
Ringgold	15325	-5797	-37.8	-4059	-42.6	5	1	1	1900	
Sac	17639	-121	-0.7	-5989	-34.2	5	2	0	1930	
Scott	45572	49140	95.3	57970	57.6	5	5	4	1980	
Shelby	17932	-1990	-11.1	-2769	-17.4	5	1	0	1900	
Sioux	23337	3044	13.0	5208	19.7	5	4	3	2000	
Story	23159	21135	91.3	35687	80.6	5	5	5	2000	
Tama	24577	-2897	-11.8	-3585	-16.5	5	2	1	1900	
Taylor	18580	-6364	-33.9	-5462	-44.0	5	0	0	1900	
Union	19928	-4277	-21.5	-3342	-21.4	5	2	1	1900	
Van Buren	5084	-6347	-36.6	-3198	-29.1	3	0	1	1870	
Wapello	26955	11971	33.8	-11346	-23.9	5	5	1	1950	
Warren	19415	-2618	-12.8	22913	129.0	4	1	5	2000	
Washington	15761	-1161	-5.6	1113	5.7	4	2	2	1900	
Wayne	17151	-5754	-32.9	-5007	-42.7	4	0	0	1900	
Webster	31757	12484	39.3	-4006	-9.1	5	5	2	1970	
Winnebago	12725	725	5.7	-1727	-12.8	5	2	1	1940	
Winneshiek	23185	-2092	-8.8	-329	-1.5	4	2	4	1880	
Woodbury	54610	49307	90.3	-40	-0.0	4	5	2	1960	
Worth	10887	181	1.7	-3159	-28.5	5	2	1	1920	
Wright	18227	1425	7.8	-5318	-27.1	5	1	1	1920	
State of Iowa	2039639	389220	17.4	305251	11.6	5	4	4	2000	
United States	97392503	75331223	99.1	130096108	86.0	5	5	5	2000	

largest numbers were in Polk (65,400) and Woodbury (55,600). Woodbury had gained more than 40,000 during the decade and, for the first time, Polk became the most populous county. Of the 16 counties that more than doubled population during the decade, 14 were in the western section of the state.

At the close of the 19th century, Iowa contained more than two million people. Only three counties (Dickinson, Emmet, Osceola) had fewer than 10,000 residents in 1900. Polk, with 82,600, had more inhabitants than any other county, although five others recorded at least 50,000. Woodbury was the only county to decline between 1890 and 1900, although it had a huge gain during the previous decade.

Overall, the last half of the 1800s saw Iowa go from a sparsely- to a fully-settled state with a gain of more than two million people (Table 5). While 13 counties each had at least 3.0 percent of the state's population in 1850, only one was at that level in 1900, a trend that represented the spreading westward of the state's population from initial settlement. It was a time of generalized population growth shared by all the counties across the state. Two-thirds (67) of the counties increased in each of the five decades and only four (Cedar, Henry, Jefferson, Van Buren) decreased during more than one of them. Iowa's population increased by more than a thousand percent (1061.1%) from 1850 to 1900, a rate that was far greater than the 227.7 percent that occurred in the United States during that period.

1900 to 1950

The turn of the century marked a significant change for Iowa's population. The generalized growth of the previous 50 years came to a halt. In the decade from 1900 to 1910, Iowa's population declined. Although small in number (-7,100) and percentage (-0.3%), it was the first decade in which a decrease occurred for the state. This negative trend was widespread among Iowa's counties; 71 had fewer residents in 1910 than in 1900, with declines of at least 3,000 in Keokuk, Lee, Mahaska, and Union. In contrast, 28 counties gained during the period. The greatest percentage growth generally occurred in counties with large cities (Black Hawk, +38.5%; Polk, +33.7%; Woodbury, +23.8%), although Monroe was highest (+41.4%). Polk increased by more than 27,000 during that decade and both Black Hawk and Woodbury each added at least 12,000. Polk became the first Iowa county with more than 100,000 residents. The total population for the state in 1910 stood at 2,224,800.

The state rebounded from its 1900-1910 loss during the next decade (1910-1920) by gaining more than 179,000 people (+8.1%). Although 27 counties decreased during the 1910-1920 period, this was a much smaller number than the previous decade; also, the percentage declines tended to be lower. Mahaska dropped more than any other county in both numbers and proportion (-3,600, -12.0%); it was the only county with a decline greater than 10 percent. The counties showing decreases tended to be in the east, south, and west central areas of the state. Counties with large cities continued growth trends started earlier. Polk gained more than 43,000 to put its population above 154,000; it remained the only county with a population exceeding 100,000. For the first time, all counties had at least 10,000 residents; seven had 50,000 or more.

In 1930, Iowa's population reached 2,470,900, an increase of 2.8 percent since 1920. Even though the state was growing, nearly half (48) of the counties declined. Monroe dropped by 8,500 people, a 36.0 percent loss. It experienced the highest losses in both numbers and percent, although five other southern-border counties (Appanoose, Davis, Decatur, Van Buren, Wayne) also declined by more than 10 percent. Of the 51 counties that grew during the decade, the greatest percentage gains were in Black Hawk (+22.2%), Story (+18.9%), and Jasper (+18.2%). Woodbury joined Polk in having a total population of more than 100,000.

In the 1930s, the trends from the 1920s continued; that is, the state's population increased, but many counties (43) decreased. The greatest declines were in two western counties (Harrison, -2,100; Pottawattamie, -3,100). Harrison also had the greatest percentage loss (-8.6%) for the decade. Polk (+23,000) and Black Hawk (+10,800) continued their gains as did most counties with large cities other than Pottawattamie. Black Hawk's percentage gain of 15.6 percent was the highest of any county.

The 1940s witnessed World War II and the beginning of the post-war era. Once again, the state grew, this time by more than 82,000 residents. However, two-thirds (67) of the counties lost population,

most at rates higher than in the 1930s. Thirteen counties had 1930 populations at least 10 percent below their 1920 figures; four of these (Appanoose, Fremont, Lucas, Monroe) exceeded 15 percent. Counties with the highest percentage declines were located in the southern and west central parts of the state. Four counties (Adams, Clarke, Davis, Ringgold) dropped below 10,000 in population, the first time any of these had been that low since 1870. Indeed, all counties in Iowa had been above 10,000 since 1920. In sharp contrast to these declines were nine counties for which population gains were greater than 10 percent; all of them contained relatively large cities. In percentage terms, Johnson and Story led with increases greater than 30 percent. Numerically, Polk gained more than 30,000 people, Black Hawk more than 20,000, and Linn and Scott more than 15,000. In 1940, only two counties (Polk, Woodbury) had at least 100,000 residents; by 1950, there were five (Black Hawk, Linn, Polk, Scott, Woodbury). Polk exceeded 200,000 for the first time and the total population for Iowa was more than 2.6 million in 1950.

Iowa's growth was considerably slower in the first half of the twentieth century than it had been in the last half of the 1800s. Fewer than 400,000 residents were added from 1900 to 1950, which was an increase of 17.4 percent, a figure substantially below the rate of gain for the nation (99.1%). Fifty-five counties had fewer residents in 1950 than they counted in 1900 (Table 5, Figure 2). Drops of at least 5,000 occurred in 13, topped by declines greater than 8,000 in Keokuk and Mahaska. Most of the counties with relatively large decreases were located in the southern section of the state. Of the 44 counties gaining population in the first half of the 20th century, 16 added at least 5,000. Polk's increase of more than 143,000 doubled the next greatest increase (Black Hawk, +68,000). Three others gained nearly 50,000 in 50 years (Linn, +48,900; Scott, +49,100; Woodbury, +49,300). Thirteen counties (Black Hawk, Cerro Gordo, Dickinson, Dubuque, Johnson, Linn, Marshall, Polk, Scott, Story, Wapello, Webster, Woodbury) increased their counts each decade from 1900 to 1950; these tended to be Iowa's most urban counties. In contrast, 11 counties (Adair, Adams, Audubon, Clarke, Clayton, Davis, Keokuk, Louisa, Taylor, Van Buren, Wayne) declined each decade from 1900 to 1950. Concentration began to appear once again; in 1950, five counties each had at least 3.0 percent of the state's population while only Polk was at that level in 1900.

1950 to 2000

Iowa experienced an upsurge in population in the 1950s, when it increased by more than 5 percent for only the second decade since the beginning of the 20th century. Polk (+40,300) once again had the greatest increase. Black Hawk and Linn also continued to post substantial gains. Twelve counties had percentage increases greater than 10 percent, eight of which grew by at least that magnitude during the previous decade as well. Still, 58 counties declined, 16 losing more than 10 percent from 1950 to 1960. Eight counties (Adams, Appanoose, Decatur, Fremont, Monona, Ringgold, Taylor, Wayne) decreased by at least 14 percent; all of these had lost at least 10 percent the previous decade as well. By the 1960 census, six counties (Adams, Clarke, Davis, Ringgold, Van Buren, Wayne) had slipped below 10,000 residents.

The 1960 population of 2,757,500 grew to 2,825,400 by 1970, but the rate of growth slowed somewhat to 2.5 percent. Seventy-four counties experienced population declines in the 1960s, more than in any previous decade. Twenty-two decreased by at least 10 percent. As of 1970, 15 had fewer than 10,000 residents. The least populous counties were Adams and Ringgold, each with about 6,300 inhabitants. Woodbury had the highest numerical loss (-4,800) with Wapello next (-4,000). The trend of the previous decades continued, in that most counties with large cities increased, although Polk's gain of 19,800 was less than half that of the previous decade. The greatest growth in numbers came in Linn (+26,300) and Scott (+23,600); increases greater than 25 percent occurred in Johnson (+34.4%), Story (+27.3%), and Warren (+31.7%).

Population declines slowed somewhat for many counties in the 1970s. Between 1970 and 1980, 42 counties lost population, fewer than in the previous decade. Only Pocahontas and Audubon had percentage declines greater than 10 percent. The largest numerical losses of the decade were in Wapello (-1,900), Webster (-2,400), and Woodbury (-2,200). In 1970 and 1980, the same fifteen counties had fewer than 10,000 residents. Counties with greater populations in 1980 than in 1970 were led by percentage gains of 24.4 in Dickinson and 27.1 in Warren. Numerical gains were greatest in Polk and

Scott, with increases exceeding 17,000 in each. Polk surpassed 300,000 for the first time and by 1980 the population of the state was 2.9 million.

Population trends turned negative in the 1980s, when the number of lowans decreased by 137,000 (-4.7%). This was the second decade of the 20th century with a decline, although the 1980 to 1990 decrease was substantially greater than the one that occurred from 1900 to 1910. Only seven counties (Dallas, Henry, Johnson, Marion, Polk, Story, Warren) gained population from 1980 to 1990. The increases of 24,000 in Polk and 14,400 in Johnson were the only ones exceeding 2,000; these two counties also had the only gains above 5 percent (Polk, +7.9%; Johnson, +17.6%). Declines were greater than 5,000 in five counties (Black Hawk, -14,200; Clinton, -6,100; Dubuque, -7,300; Scott, -9,000; Webster, -5,600) and between 1,000 and 4,999 in 65. Forty-eight counties had decreases of at least 10 percent in the 1980s. Seven of these declines were 15 percent or greater (Adams, -15.1%; Calhoun, -15.0%; Greene, -17.1%; Grundy, -16.3%; Kossuth, -15.1%; Palo Alto, -16.1%; Pocahontas, -16.2%).

In the 1990s, however, growth returned to Iowa's population. The increase was more than 149,000, a figure greater than that for any decade since the 179,000 gain that occurred between 1910 and 1920. That, too, followed a decade of decline. And the 5.4 percent gain in the 1990s was only the third time in the 20th century that a decade increased by at least 5 percent in Iowa; the others took place in the 1910s and the 1950s. A majority (54) of Iowa's 99 counties participated in the revival of growth in the most recent decade; Dallas, Johnson, Linn, and Polk reported increases greater than 10,000. Ten counties (Benton, Clarke, Dallas, Dickinson, Johnson, Linn, Madison, Mills, Polk, Warren) gained by at least 10 percent or more than a point a year on average. The rate of increase in Dallas (+37.0%) was more than twice that of Johnson (+15.5%), which had the second highest percentage increase. Declines occurred in 45 counties, although only in Cherokee and Kossuth were the decreases greater than 1,000; eight counties declined by 5 percent or more from 1990 to 2000; none dropped by as much as 10 percent. Polk continued to be by far the most populous county in the state, with Black Hawk, Johnson, Linn, Scott, and Woodbury also exceeding 100,000. At the other extreme, 18 counties had fewer than 10,000 residents as of the 2000 census.

Growth in population for the state continued to slow in the second half of the 20th century. About 305,000 more people lived in Iowa in 2000 than in 1950, which was an increase of 11.6 percent (Table 5); this again was substantially lower than the gain of 86.0 percent in the nation's population. Much of the increase in Iowa that occurred in the 1960s and 1970s was negated by decline in the 1980s. The loss that decade, however, was regained in the 1990s. Two-thirds (67) of the counties had lower populations in 2000 than in 1950 (Figure 3). Eighteen decreased by at least 5,000 residents in the last 50 years, with the greatest decline in Wapello (-11,300). Yet the state's population grew because some counties had large increases. Thirteen gained at least 5,000 in the last half century, with Johnson, Linn, Polk, and Scott increasing by at least 50,000. Polk alone had 149,000 more residents in 2000 than in 1950.

Only five counties (Dallas, Johnson, Polk, Story, Warren) grew in each of the five decades from 1950 through 2000; 21 decreased in each. Indeed, declines were noted in Adams, Audubon, Keokuk, Taylor, and Wayne between every census since 1900; another 19 decreased in all but 1 or 2 of the last 10 decades. On the other hand, Johnson, Polk, and Story gained population every 10 years since 1900; another nine (Black Hawk, Bremer, Dallas, Dubuque, Jasper, Linn, Marshall, Muscatine, Scott) increased in eight or nine of the decades in the 20th century. Some radical changes in population trends were evident when the first and second parts of this century were compared. Warren, for example, gained population in only one decade from 1900 to 1950 but increased in each one from 1950 to 2000. Cerro Gordo and Wapello, on the other hand, grew between each census conducted from 1900 through 1950 but declined in four of five decades since then; Cherokee and Floyd reported higher populations at the end of all decades except one from 1900 to 1950, but neither grew between any of the censuses from 1950 to 2000.

Concentration of the state's population continued from 1950 to 2000; as of the most recent census, eight counties each contained at least 3.0 percent of the residents of this state; Linn, Polk, and Scott each included more than 5.0 percent. Since 1970, Polk has accounted for at least 10 percent of Iowa's population. As of 2000, 1 of every 8 lowans lived in Polk. In contrast, another 1 of every 8 came from the residents of the 38 counties each having less than a half of a percent of the state's total.

Concluding Comments

Growth between 1850 and 1900 resulted in only three Iowa counties with populations of less than 10,000 at the turn of the century. But the 100 years since then were characterized by two diverse trends for counties. Some declined; in 2000, 18 had fewer than 10,000 residents. Indeed, nine counties (Adams, Decatur, Fremont, Keokuk, Monroe, Ringgold, Taylor, Van Buren, Wayne) reported fewer than half the residents in 2000 than they had counted in 1900. Other counties grew; six had populations greater than 50,000 in 1900, although only one (Polk) was above 60,000; 10 exceeded 50,000 in 2000, six of which were greater than 100,000. Among those that increased during the 20th century, two (Johnson, Polk) quadrupled their totals, four (Black Hawk, Linn, Scott, Story) tripled their counts, and two (Cerro Gordo, Dickinson) others doubled their populations when 1900 and 2000 were compared.

These contrary trends, with some counties noting huge increases while others declined, tempered the general growth reported for the state, which was 31.1 percent from 1900 to 2000, the slowest of any state in the nation. In 1850, Iowa's residents constituted 0.8 percent of the nation's total. That percentage increased to 3.0 or more from 1870 through 1890, although declines occurred since then. In 2000, Iowans accounted for 1.0 percent of the residents of the United States, a figure that differed little from the one reported in the first census after Iowa became a state.

Figure 1. Population in Iowa, 1850–2000.

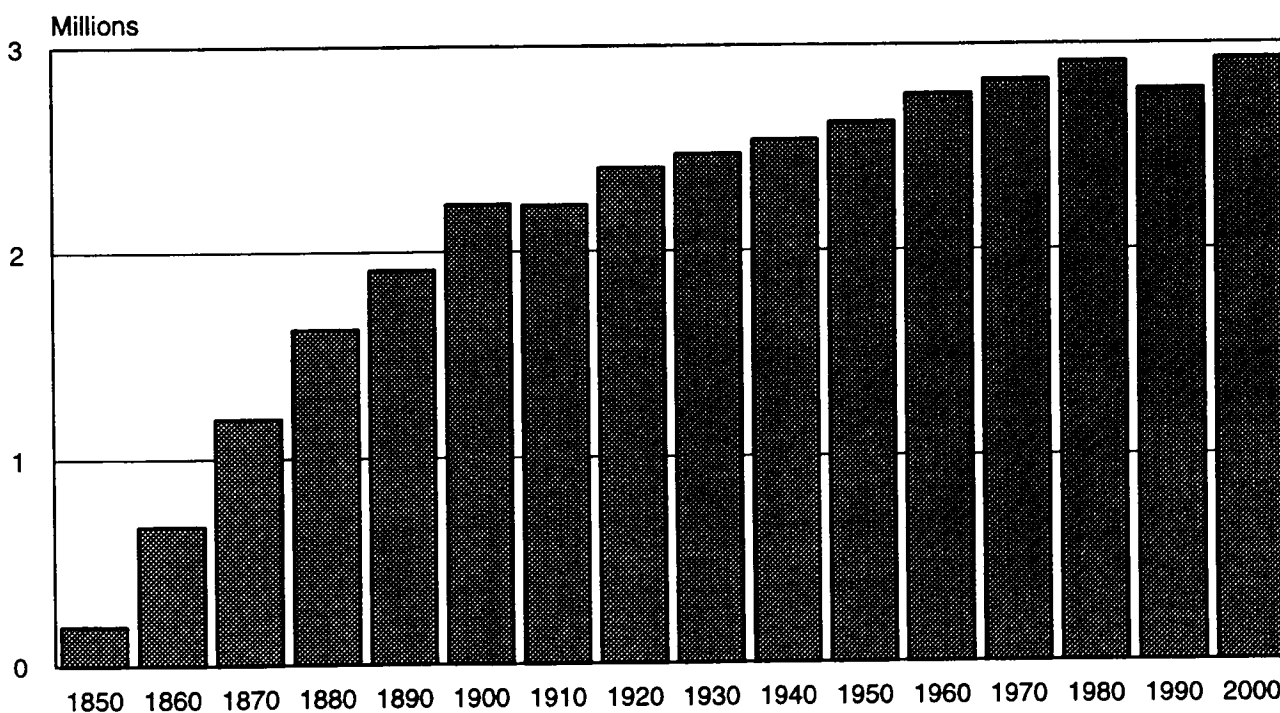


Figure 2. Population change, 1900–1950.

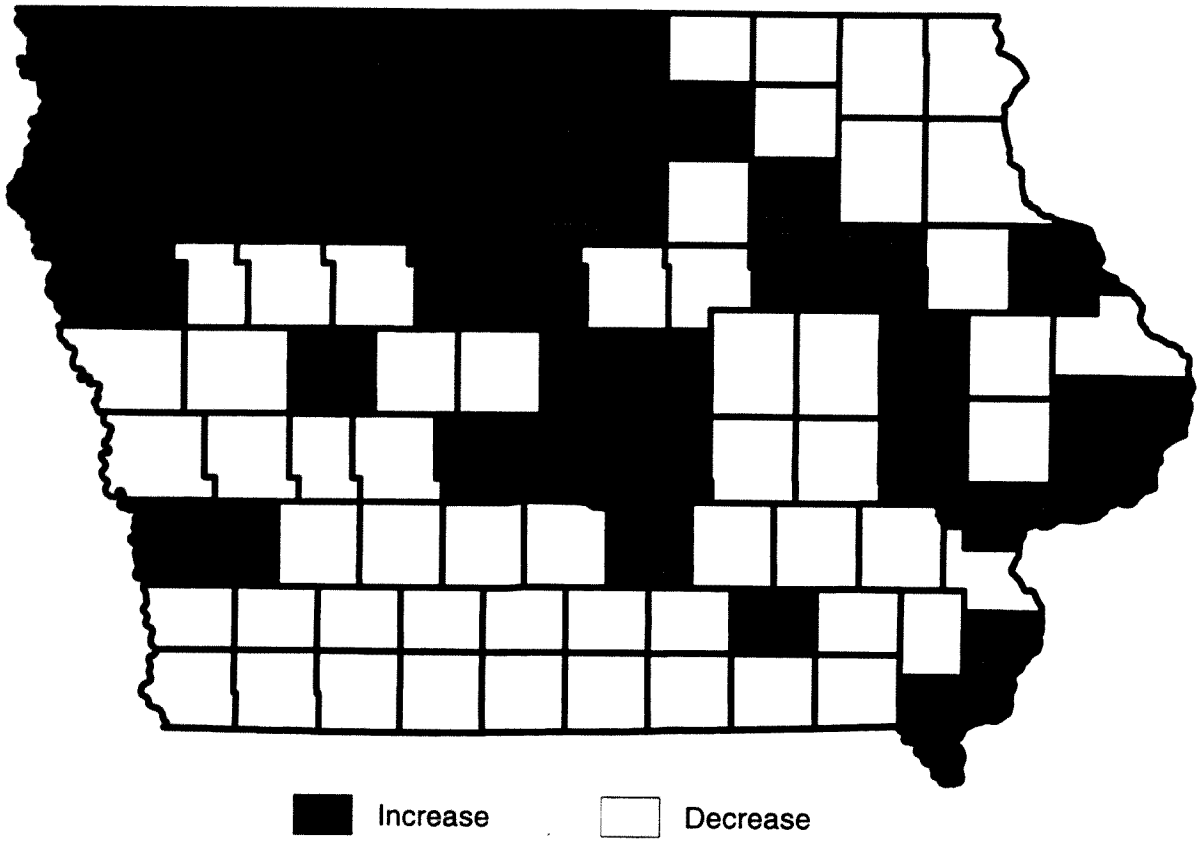
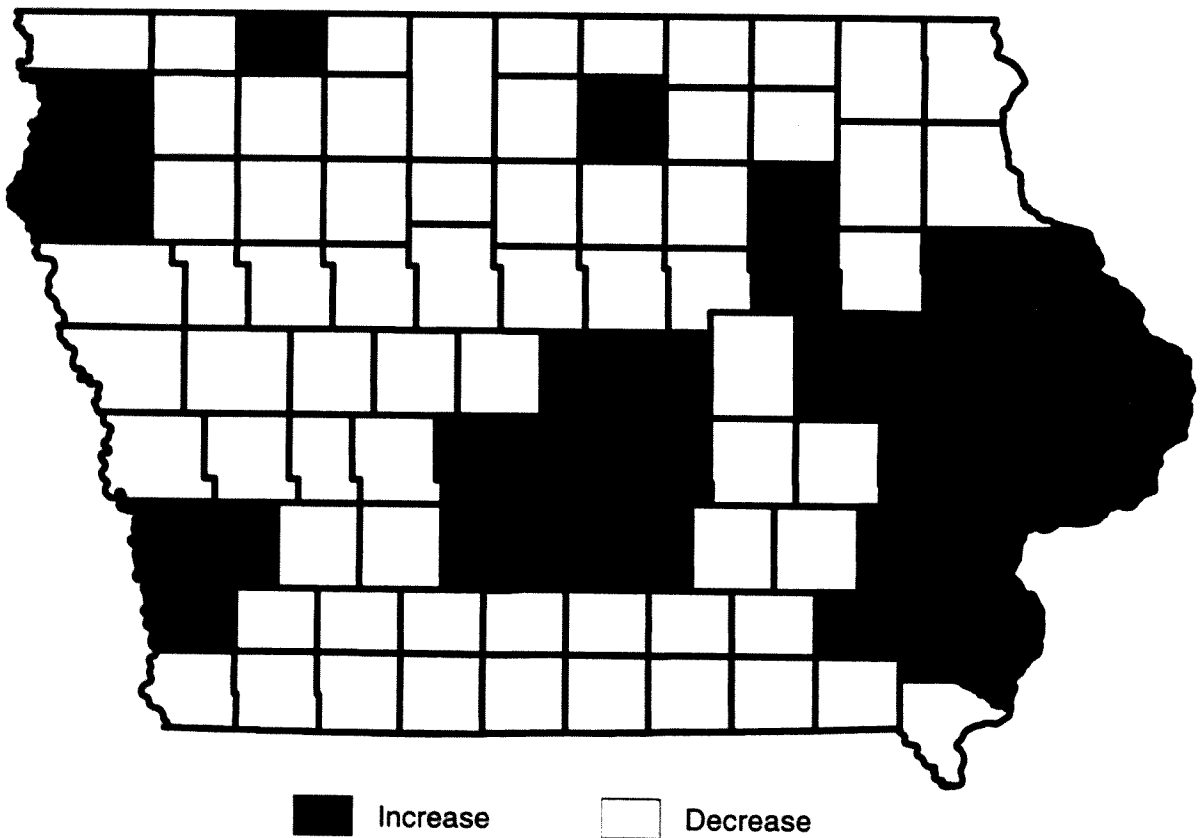


Figure 3. Population change, 1950–2000.



Population Trends in Iowa and Other States: 1900-2000

Willis Goudy, Iowa State University

The U.S. Bureau of the Census released the first numbers from the 2000 census on 28 December 2000. Included were totals for the nation, each state, and the District of Columbia. For 1 April 2000, the bureau reported that Iowa had 2,926,324 residents (Table 1), a gain of 149,569 from the census count reported for 1 April 1990. This growth of 5.4 percent was less than half of the rate of increase for the nation (+13.2%).

States surrounding Iowa also gained population from 1990 to 2000. Although the percentage increases were greater than that in Iowa, they were lower than the U.S. figure. The greatest numerical jump occurred in Illinois (+989,000). Minnesota (+544,000), Missouri (+478,000), and Wisconsin (+472,000) grew by at least 450,000 residents. The estimated gain of 133,000 in Nebraska was 17,000 less than that for Iowa; the increase of 59,000 in South Dakota was the smallest of the surrounding states.

Seven states (Connecticut, Maine, North Dakota, Ohio, Pennsylvania, Rhode Island, West Virginia) had percentage increases between 1990 and 2000 that were smaller than that of Iowa. No state lost population in the most recent decade, although the District of Columbia reported a decline of about 35,000 from 1990 to 2000.

Nineteen states increased across the last decade at rates above that of the nation. The most rapid growth occurred in Nevada (+66.3%); Arizona and Colorado had gains of at least 30 percent. Another nine (Florida, Georgia, Idaho, New Mexico, North Carolina, Oregon, Texas, Utah, Washington) increased between 20 and 29.9 percent. Arizona, California, Colorado, Florida, Georgia, North Carolina, Texas, and Washington each had at least a million more residents in 2000 than in 1990. These eight states accounted for more than half (54.0%) of the total increase in the nation's population. The 1990-2000 gains of more than 4.1 million in California, 3.0 million in Florida, and nearly 3.9 million in Texas were greater than Iowa's total population in 2000.

In the five decades from 1950 to 2000, Iowa's population increased by 11.6 percent. The only state with a gain smaller than that of Iowa was North Dakota (+3.6%), although West Virginia (-9.8%) and the District of Columbia (-28.7%) had smaller populations in 2000 than in 1950.

When the period from 1900 to 2000 is examined, Iowa's population growth of 31.1 percent was the lowest of the states. Only 10 others failed to at least double their populations in the 100-year period. Increases of at least 1000% occurred in several western states and Florida. These huge percentage increases occurred in part because many of these areas were sparsely settled as of 1900.

In 1900, Iowa was the 10th most populous state in the nation. Fifty years later in 1950, Iowa had dropped to the 22nd spot. In another 50 years, Iowa's population ranked 30th among the states as of 2000. Although Iowa's population generally grew during the last 100 years, it increased at a rate substantially slower than that of the nation and other states.

Population of Countries and Areas of the World: 2000

Willis Goudy, Iowa State University

It may be useful to compare results of the 2000 census in the United States with the populations of countries throughout the world. One source of such information is "World Population Profile: 1998," a report issued in February of 1999 by the U.S. Bureau of the Census available on the bureau's web site (<http://www.census.gov/> and click on "international" and "world population information"). Demographers at the bureau used whatever information they could obtain to generate estimates of populations for countries or areas for 1998 and then projected those numbers to 2000. Because the adequacy of information varies so greatly from one country to the next, caution is urged in using the figures reported in Table 1. Users may wish to compare the bureau's figures with those reported in the "2000 World Population Data Sheet" available from the Population Reference Bureau (<http://www.prb.org/> and click on "world data sheet"). Generally, the results are similar because they are based on the same data sources.

Table 1. Projected Population (in 1,000s) of Countries and Areas, 2000.

Country or Area	Population	Country or Area	Population	Country or Area	Population
AFRICA	798116	AFRICA (continued)		NEAR EAST (continued)	
Algeria	31788	Mauritania	2660	Iraq	24731
Angola	11487	Mauritius	1196	Israel	5852
Benin	6517	Mayotte	117	Jordan	4701
Botswana	1479	Morocco	30205	Kuwait	2068
Burkina Faso	11892	Mozambique	19614	Lebanon	3620
Burundi	5931	Namibia	1674	Oman	2533
Cameroon	15892	Niger	10260	Qatar	750
Cape Verde	411	Nigeria	117171	Saudi Arabia	22246
Central African Republic	3516	Reunion	730	Syria	17759
Chad	7760	Rwanda	8337	Turkey	66618
Comoros	581	St. Helena	7	United Arab Emirates	2386
Congo (Brazzaville)	2776	Sao Tome and Principe	160	West Bank	1662
Congo (Kinshasa)	51988	Senegal	10390	Yemen	17521
Côte d'Ivoire	16190	Seychelles	80		
Djibouti	454	Sierra Leone	5509	ASIA	3451195
Egypt	68495	Somalia	7434	Afghanistan	26668
Equatorial Guinea	478	South Africa	43982	Bangladesh	132081
Eritrea	4142	Sudan	35530	Bhutan	1996
Ethiopia	60967	Swaziland	1004	Brunei	331
Gabon	1244	Tanzania	31963	Burma	48852
The Gambia	1381	Togo	5263	Cambodia	11919
Ghana	19272	Tunisia	9645	China	1263135
Guinea	7611	Uganda	23452	India	1016118
Guinea-Bissau	1263	Western Sahara	245	Indonesia	219267
Kenya	29251	Zambia	9872	Iran	71879
Lesotho	2167	Zimbabwe	11272	Japan	126434
Liberia	3090			Laos	5557
Libya	6122	NEAR EAST	175026	Macau	516
Madagascar	15295	Bahrain	642	Malaysia	21820
Malawi	10154	Cyprus	777	Maldives	310
Mali	10751	Gaza Strip	1163	Mongolia	2655

Table 1. Projected Population (in 1,000s) of Countries and Areas, 2000 (continued).

Country or Area	Population	Country or Area	Population	Country or Area	Population
ASIA (continued)		LATIN AMERICA AND		EUROPE AND THE NEW	
Nepal	24920	THE CARIBBEAN (continued)		INDEPENDENT STATES (continued)	
North Korea	22520	Suriname	434	Romania	22291
Pakistan	141145	Trinidad and Tobago	1087	Russia	145905
Philippines	80961	Turks and Caicos Islands	15	San Marino	25
Singapore	3572	Uruguay	3333	Serbia	10530
South Korea	47351	Venezuela	23596	Slovakia	5401
Sri Lanka	19355	Virgin Islands	121	Slovenia	1970
Taiwan	22319			Spain	39208
Thailand	61164	EUROPE AND THE NEW		Sweden	8939
Vietnam	78350	INDEPENDENT STATES	798553	Switzerland	7289
		Albania	3401	Tajikistan	6194
LATIN AMERICA AND		Andorra	68	Turkmenistan	4436
THE CARIBBEAN	522806	Armenia	3396	Ukraine	49507
Anguilla	12	Austria	8148	United Kingdom	57927
Antigua and Barbuda	64	Azerbaijan	7956	Uzbekistan	24423
Argentina	37215	Belarus	10391		
Aruba	69	Belgium	10186	NORTH AMERICA	306405
The Bahamas	288	Bosnia and Herzegovina	3592	Bermuda	64
Barbados	259	Bulgaria	8156	Canada	31330
Belize	242	Croatia	4681	Greenland	60
Bolivia	8139	Czech Republic	10284	St. Pierre and Miquelon	7
Brazil	173791	Denmark	5375	United States	274943
British Virgin Islands	14	Estonia	1398		
Cayman Islands	41	Faroe Islands	40	OCEANIA	30391
Chile	14995	Finland	5165	American Samoa	65
Colombia	40037	France	59128	Australia	18950
Costa Rica	3744	Georgia	5034	Cook Islands	20
Cuba	11131	Germany	82081	Fiji	823
Dominica	64	Gibraltar	29	French Polynesia	246
Dominican Republic	8262	Greece	10751	Guam	152
Ecuador	12782	Guernsey	66	Kiribati	87
El Salvador	5925	Hungary	10167	Marshall Islands	68
French Guiana	173	Iceland	274	Micronesia	133
Grenada	98	Isle of Man	76	Nauru	11
Guadeloupe	425	Ireland	3647	New Caledonia	200
Guatemala	12670	Italy	56687	New Zealand	3698
Guyana	703	Jersey	90	Northern Mariana Islands	72
Haiti	6992	Kazakhstan	16816	Palau	18
Honduras	6130	Kyrgyzstan	4584	Papua New Guinea	4812
Jamaica	2669	Latvia	2327	Samoa	235
Martinique	416	Liechtenstein	32	Solomon Islands	470
Mexico	102027	Lithuania	3572	Tonga	110
Montserrat	13	Luxembourg	433	Tuvalu	11
Netherlands Antilles	217	Macedonia	2035	Vanuatu	193
Nicaragua	4851	Malta	383	Wallis and Futuna	15
Panama	2821	Moldova	4467		
Paraguay	5580	Monaco	32	WORLD	6082493
Peru	27136	Montenegro	681		
Puerto Rico	3908	Netherlands	15878		
St. Kitts and Nevis	43	Norway	4456		
St. Lucia	156	Poland	38644		
St. Vincent/the Grenadines	121	Portugal	9902		

Births, Deaths, and Natural Change in Iowa's Counties: 1940-2000

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Sandra Charvat Burke, Iowa State University
Michael Dare, Iowa Department of Public Health

The Iowa Department of Public Health records vital statistics for Iowa and its counties. Data for 2000 were released for births and deaths in the summer of 2001. Births are counted by the county of residence of the mother, which may not necessarily be the county in which the birth occurs. Similarly, deaths are reported by the county of residence of the deceased individual, although the death may have happened elsewhere.

Births

Iowa recorded 38,250 births in 2000, an increase of 701 from 1999 and the highest number since 1992 (Table 1, Figure 1). Since 1990, births increased from 1995 to 1996 and from 1997 to 2000. Nearly 1,100 fewer births occurred in 2000 than in 1990. When 2000 and 1980 were compared, the difference was more than 9,500. The decline was substantially greater when years during the baby-boom (1950, 1955, 1960) were contrasted with 2000.

Comparison of the most recent years indicates that 38 counties had fewer births in 2000 than in 1999, 58 had more births in the more recent year, and three had the same number both years. Increases in the number of births ranged from less than 10 in 24 counties to at least 20 in 23 others, with the greatest increase occurring in Polk, the only one gaining more than 100. Declines from 1999 to 2000 ranged from less than 10 in 10 counties to 20 or more in 14 others, although decreases exceeded 50 only in Lee.

Seventy-two counties had fewer births in 2000 than in 1990, indicating that most areas of Iowa reflected the state's trend. Only Dallas and Polk had at least 100 more births in 2000 than 10 years earlier. Black Hawk, Cerro Gordo, Pottawattamie, and Webster each had at least 100 fewer births in 2000 than in 1990. Only Dallas, Johnson, and Polk had more births in 2000 than in 1980.

Deaths

The number of deaths in Iowa has fluctuated much less than the number of births (Figure 1). The 27,840 deaths in 2000 were 499 fewer than the 28,339 counted in 1999 (Table 2). Indeed, the 1999 total was greater than that in any other year since 1974. From 1990 through 2000, changes from one year to the next exceeded 1,000 only in the 1992-1993 comparison and decreased as frequently as they increased from one year to the next.

Forty counties had more deaths in 2000 than the previous year. The increase was less than 10 in 16 counties. Fifty-seven counties had fewer deaths in 2000 than in 1999; 22 had less than 10 fewer deaths in the more recent year, with Clinton, Page, and Scott each declining by at least 50 deaths between 1999 and 2000.

Natural Change

The result of subtracting deaths from births is called natural change. This is an indication of population change caused by the natural events of birth and death. Iowa has had more births than deaths every year since records began to be kept in 1915. But births outnumbered deaths by a smaller margin each year from 1980 through 1988 (Table 3). This trend was reversed from 1988 to 1990 and changed little from 1990 through 1992. Since 1915, only the years 1973 and 1993-1999 had fewer than 10,000

Table 1. Births in Iowa's Counties, 1940-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Adair	68	71	76	68	61	80	93	74	105	87	102	122	166	113	125	143	215	243	290	186	241
Adams	35	47	50	33	48	36	64	51	41	64	60	73	94	68	79	80	124	161	165	153	196
Allamakee	158	186	172	165	173	157	158	176	199	174	177	219	252	235	240	315	368	410	400	319	274
Appanoose	142	158	153	141	168	147	152	164	174	170	166	188	241	201	195	226	258	329	340	342	427
Audubon	47	68	72	82	63	75	88	72	70	76	91	111	151	110	111	172	226	249	295	208	203
Benton	325	265	325	281	264	298	292	308	304	336	318	309	414	292	319	404	514	513	496	377	400
Black Hawk	1551	1594	1638	1586	1601	1509	1605	1774	1651	1732	1699	1947	2382	2006	2415	2667	3357	2923	2724	1585	1528
Boone	317	318	295	289	299	309	313	274	289	312	329	326	395	335	369	375	475	489	566	422	440
Bremer	250	236	210	219	234	249	243	272	259	237	242	297	417	293	342	345	494	433	421	343	326
Buchanan	301	298	309	284	286	283	314	277	327	302	302	367	447	363	382	442	547	525	550	369	348
Buena Vista	233	254	236	259	228	219	243	238	274	265	287	314	322	275	292	329	433	536	511	332	340
Butler	170	159	162	160	148	166	163	169	159	162	184	201	284	259	272	258	360	382	389	321	296
Calhoun	107	103	114	97	115	114	106	90	120	111	130	149	204	172	190	211	319	374	393	318	324
Carroll	262	252	246	238	260	283	269	258	271	278	320	373	436	343	385	535	589	695	639	473	437
Cass	158	155	144	160	152	152	150	178	169	205	192	200	241	203	254	250	410	404	419	299	325
Cedar	206	181	185	198	195	204	193	203	197	217	221	251	260	260	259	284	317	380	352	266	244
Cerro Gordo	530	551	525	525	600	591	587	592	600	621	686	725	728	656	803	779	1162	1146	1130	748	827
Cherokee	146	134	131	142	115	134	157	141	158	153	200	199	238	237	267	273	412	445	464	329	285
Chickasaw	169	138	126	157	123	152	169	179	166	166	199	177	258	247	231	308	359	339	396	284	313
Clarke	97	107	99	83	87	102	82	81	105	105	106	116	126	103	110	97	128	157	202	157	199
Clay	204	195	179	197	188	206	219	190	235	258	239	270	347	283	304	274	386	469	471	290	344
Clayton	194	193	207	195	176	206	207	242	228	254	242	298	343	315	323	376	469	481	520	377	419
Clinton	591	629	677	629	602	657	645	680	680	685	685	753	920	847	1034	1073	1243	1241	1098	814	738
Crawford	189	205	193	211	232	178	176	208	196	205	228	263	321	287	350	364	392	453	477	366	341
Dallas	566	504	527	482	501	477	440	425	422	426	409	402	466	401	453	434	494	540	512	394	379
Davis	129	102	102	119	128	94	127	118	107	127	128	134	149	144	114	112	170	178	196	172	153
Decatur	101	90	92	98	97	97	113	88	88	94	91	106	129	110	126	114	151	187	254	228	284
Delaware	227	196	247	208	233	213	268	262	261	271	285	320	401	283	329	414	438	489	438	352	354
Des Moines	555	520	514	549	565	523	524	558	568	580	568	670	767	592	838	819	1026	930	954	742	558
Dickinson	159	172	176	169	148	137	148	127	152	163	160	177	229	209	195	190	278	302	316	175	213
Dubuque	1221	1154	1152	1143	1197	1188	1176	1252	1168	1231	1260	1278	1584	1519	1784	2167	2362	2134	1949	1214	1206
Emmet	126	124	126	118	134	108	109	141	135	155	134	159	227	231	216	256	355	391	360	235	278
Fayette	233	230	235	260	249	271	302	255	278	295	289	298	405	359	404	496	632	669	633	507	514

Table 1. Births in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Floyd	199	192	196	209	194	203	186	200	204	221	219	236	259	341	327	401	440	438	548	354	340
Franklin	113	120	112	130	126	116	133	120	126	130	124	173	195	178	185	228	282	351	331	298	306
Fremont	82	98	89	94	60	85	79	90	103	107	100	116	131	129	110	120	165	191	243	197	249
Greene	92	125	110	110	120	112	108	129	123	124	108	147	182	156	197	219	301	329	424	274	311
Grundy	133	104	136	128	124	98	111	141	113	136	146	143	227	168	210	207	312	306	308	212	217
Guthrie	134	140	122	127	130	121	126	105	155	138	122	119	179	154	156	177	258	261	314	261	334
Hamilton	192	206	218	210	182	193	203	193	206	220	209	199	257	210	303	340	396	488	434	359	390
Hancock	131	127	135	127	121	122	125	125	142	157	164	190	252	179	200	226	296	367	373	279	313
Hardin	208	235	206	189	216	244	218	204	192	209	213	270	348	263	316	350	428	426	521	350	375
Harrison	193	179	166	179	173	174	175	179	200	201	187	227	254	220	265	240	377	382	452	365	370
Henry	264	246	250	241	203	276	239	252	256	237	265	238	303	260	280	237	324	342	399	306	279
Howard	110	117	112	124	92	118	96	112	126	114	135	137	184	145	151	228	283	311	311	219	222
Humboldt	99	130	107	128	111	107	118	110	100	104	112	163	188	162	167	209	315	322	297	244	256
Ida	70	80	90	99	99	73	86	93	94	100	107	135	148	116	110	144	179	248	228	204	185
Iowa	183	178	174	156	227	192	212	213	196	208	213	182	229	184	251	258	343	376	380	259	274
Jackson	239	238	236	242	236	261	241	258	258	286	252	345	370	326	370	467	542	536	443	332	369
Jasper	458	457	420	436	426	416	439	423	455	471	432	472	530	516	587	566	794	848	687	539	562
Jefferson	145	158	172	161	171	153	172	177	185	186	192	222	217	182	250	273	341	308	325	296	242
Johnson	1382	1332	1275	1274	1272	1258	1288	1337	1359	1358	1406	1326	1276	1013	1492	1404	1608	1384	1301	706	554
Jones	227	196	183	213	224	196	253	235	243	255	251	290	323	280	348	373	450	487	463	333	336
Keokuk	154	125	142	127	134	145	129	143	147	176	150	157	223	150	189	256	290	377	406	288	284
Kossuth	166	162	173	174	163	174	196	219	199	226	251	262	397	315	353	427	657	676	682	604	555
Lee	410	466	449	446	477	479	435	526	540	494	496	589	693	524	723	786	893	991	980	717	698
Linn	2715	2745	2635	2584	2540	2597	2550	2551	2644	2632	2641	2450	2826	2503	3215	3285	3626	2945	2561	1602	1483
Louisa	164	164	173	190	161	174	161	184	143	148	163	145	172	161	156	190	162	226	232	175	180
Lucas	119	97	115	95	123	100	129	117	100	111	116	110	170	137	149	133	196	190	219	204	243
Lyon	159	154	149	137	150	136	165	162	180	156	178	183	236	201	227	262	354	378	370	314	278
Madison	196	188	164	169	152	159	160	162	155	158	158	164	197	190	178	152	233	210	243	193	267
Mahaska	283	301	285	258	260	291	272	277	264	300	285	318	400	309	342	338	448	505	548	439	368
Marion	383	432	403	333	378	363	419	391	412	364	374	439	449	364	373	404	506	515	535	412	464
Marshall	556	573	511	472	553	516	523	523	471	458	502	555	673	600	716	715	869	819	792	573	669
Mills	155	156	194	159	177	158	183	159	151	170	136	167	225	203	165	157	256	248	262	223	213
Mitchell	131	133	123	133	130	129	142	154	126	148	131	148	196	153	194	228	304	373	334	255	224

Table 1. Births in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Monona	98	115	99	109	98	126	124	106	145	133	114	105	179	150	160	174	293	320	380	314	350
Monroe	102	100	77	95	97	89	87	119	98	111	116	109	133	122	119	147	186	190	241	194	268
Montgomery	139	146	152	112	160	161	160	141	165	138	158	152	205	177	202	175	260	313	357	244	270
Muscatine	638	619	614	570	591	629	626	642	656	676	665	632	714	676	701	750	850	758	743	564	557
O'Brien	187	180	160	192	190	200	174	191	199	176	184	213	279	221	263	308	431	486	496	339	323
Osceola	73	73	76	80	79	90	70	81	86	107	94	107	137	119	140	145	232	281	256	192	197
Page	169	196	190	171	191	174	181	164	166	179	200	235	270	285	263	268	365	403	450	411	396
Palo Alto	110	104	107	122	98	95	107	109	112	111	95	181	209	187	185	247	379	402	408	329	385
Plymouth	309	289	306	328	312	316	311	307	317	296	346	334	427	351	430	397	571	624	615	466	441
Pocahontas	73	82	71	77	68	66	84	88	99	104	124	167	160	134	170	203	310	382	402	284	314
Polk	6216	5954	5898	5685	5782	5455	5458	5460	5560	5494	5367	5087	5087	4356	5567	5314	6745	5967	5637	3532	3372
Pottawattamie	1184	1216	1160	1185	1102	1142	1156	1193	1261	1299	1361	1334	1468	1381	1611	1760	2178	1903	1764	1207	1032
Poweshiek	212	176	195	192	194	215	211	205	215	237	226	220	247	236	276	312	431	453	435	328	349
Ringgold	69	69	47	65	43	55	30	38	57	53	44	78	86	84	89	85	128	160	188	164	180
Sac	135	128	112	130	159	136	126	139	140	125	145	177	235	188	221	245	376	429	426	323	332
Scott	2348	2264	2339	2175	2303	2251	2243	2408	2483	2409	2430	2543	2954	2596	2905	2945	3051	2724	2433	1667	1478
Shelby	150	141	142	140	115	156	146	163	154	156	182	171	253	242	225	263	393	448	381	289	287
Sioux	457	397	400	413	376	410	380	437	433	439	434	511	636	480	471	501	624	713	750	485	559
Story	940	885	860	846	904	856	844	785	878	900	927	1035	1055	896	1096	1017	1266	1126	1108	621	560
Tama	251	240	222	248	230	236	236	225	226	213	215	250	289	253	300	324	408	437	526	342	360
Taylor	87	66	66	79	75	76	78	70	75	63	92	91	135	97	112	108	151	206	209	189	238
Union	127	140	156	136	163	154	119	152	149	143	148	150	212	214	209	200	252	266	326	221	227
Van Buren	97	85	107	79	86	76	104	108	91	98	89	107	126	113	97	129	184	204	201	167	194
Wapello	424	404	391	416	459	403	428	465	422	481	490	468	597	487	657	709	969	1104	1103	896	785
Warren	513	483	504	513	481	481	449	499	516	550	479	506	551	505	564	428	530	424	382	276	304
Washington	290	306	284	254	327	308	279	273	269	277	307	269	326	255	312	328	396	437	457	360	389
Wayne	79	75	56	57	64	80	78	71	74	74	83	96	123	96	94	129	145	191	205	173	209
Webster	492	498	513	520	496	498	525	534	566	563	597	631	760	657	777	956	1242	1209	1161	721	794
Winnebago	134	121	127	135	144	134	135	121	141	138	148	162	197	187	182	177	270	289	318	221	292
Winneshiek	191	186	208	200	212	240	242	229	255	252	259	287	327	253	327	388	488	551	500	370	400
Woodbury	1692	1627	1664	1691	1699	1700	1651	1651	1665	1623	1631	1652	1793	1726	1948	1868	2662	2805	2713	2049	1788
Worth	84	76	90	75	85	89	91	94	91	99	99	117	127	96	128	124	177	221	236	145	180
Wright	168	165	149	152	172	139	157	156	171	188	214	196	247	197	240	264	416	447	477	331	373
State of Iowa	38250	37549	37262	36641	37130	36790	37057	37805	38459	38925	39330	41182	47797	41360	48406	50970	64050	63624	62550	44497	44347

Table 2. Deaths in Iowa's Counties, 1940-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Adair	109	133	96	117	135	111	127	122	107	111	104	103	112	109	116	122	138	133	153	108	141
Adams	51	64	68	56	55	75	66	61	56	63	57	54	75	81	73	94	98	93	93	80	101
Allamakee	172	157	191	155	165	167	167	171	179	165	198	182	189	156	189	204	182	171	194	165	180
Appanoose	174	185	157	186	194	190	189	200	173	197	179	221	212	254	238	228	282	239	256	253	301
Audubon	111	80	90	64	100	98	109	107	118	98	88	112	75	106	111	113	101	102	95	82	102
Benton	229	214	214	229	207	210	201	207	207	222	197	219	213	236	238	260	267	234	288	220	212
Black Hawk	1156	1164	1159	1157	1143	1113	1239	1194	1130	1123	1142	1081	1059	1091	1126	1035	993	907	802	808	719
Boone	319	309	326	300	301	307	304	307	266	278	289	281	290	342	283	328	353	300	338	306	300
Bremer	218	228	243	204	211	235	235	266	216	214	229	207	227	198	209	208	194	173	192	187	175
Buchanan	182	211	223	221	197	230	204	231	202	180	185	180	192	236	236	211	236	225	219	214	231
Buena Vista	200	230	224	212	215	210	215	217	196	200	210	260	246	223	254	229	218	198	204	199	178
Butler	199	181	188	192	177	201	202	195	202	176	169	180	166	204	198	187	168	174	159	168	141
Calhoun	160	163	152	178	153	181	141	169	185	171	148	211	186	175	192	181	201	151	194	156	152
Carroll	236	269	253	242	243	219	229	229	233	217	214	216	238	245	255	242	223	201	179	203	198
Cass	183	220	193	197	202	213	175	180	184	213	206	243	210	227	235	229	244	207	207	185	195
Cedar	166	165	184	199	172	177	175	157	155	148	176	171	177	166	206	197	174	183	201	193	167
Cerro Gordo	532	515	569	492	527	539	489	504	490	457	481	468	467	514	559	509	497	444	448	428	396
Cherokee	160	177	169	164	192	141	158	158	163	166	171	184	176	153	183	176	186	154	169	146	168
Chickasaw	128	146	127	135	137	161	168	156	124	159	142	150	159	163	180	147	162	151	159	150	160
Clarke	96	102	105	80	102	106	91	106	103	113	93	111	106	116	118	104	119	115	125	119	101
Clay	182	185	201	168	165	213	165	182	172	185	158	169	186	192	190	192	170	189	153	126	157
Clayton	228	242	255	187	220	226	219	214	220	239	201	261	235	219	247	287	277	240	248	266	284
Clinton	512	574	531	575	565	545	531	548	518	540	559	491	534	548	611	579	586	547	560	572	546
Crawford	172	181	163	178	181	152	172	179	171	155	170	214	179	187	203	200	211	197	179	156	185
Dallas	302	341	299	317	301	300	295	274	273	278	287	270	262	292	296	293	275	274	266	275	269
Davis	91	82	113	79	103	119	91	107	87	103	100	108	96	100	123	125	140	105	113	96	117
Decatur	114	104	99	132	102	89	113	118	128	134	106	121	119	124	129	128	154	146	133	139	170
Delaware	154	155	140	152	158	171	149	173	181	144	171	176	182	196	203	193	169	195	188	170	209
Des Moines	427	468	429	445	454	468	412	428	399	474	456	520	466	474	517	515	474	471	469	449	423
Dickinson	191	166	193	173	181	179	184	172	149	163	160	162	135	160	148	132	152	131	126	79	107
Dubuque	851	889	870	791	820	846	871	854	810	841	840	801	803	834	886	949	792	785	810	770	761
Emmet	149	119	133	143	142	129	133	146	147	130	134	143	159	149	144	169	131	122	127	115	126
Fayette	261	257	270	259	259	232	255	255	242	266	257	295	260	290	321	329	331	295	320	271	290

Table 2. Deaths in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Floyd	204	220	206	200	215	211	198	220	216	214	203	246	231	176	241	248	230	219	245	200	194
Franklin	131	137	137	135	135	142	138	145	117	130	120	141	135	135	150	151	169	183	159	133	151
Fremont	95	105	124	113	122	131	129	115	127	105	104	110	119	116	144	120	146	135	140	163	135
Greene	132	142	148	131	153	138	104	116	141	143	142	159	136	165	163	155	152	150	199	154	158
Grundy	132	133	144	135	141	134	122	127	89	134	117	139	138	123	121	148	139	111	115	115	125
Guthrie	156	132	150	118	146	147	139	145	136	133	142	152	165	158	147	166	165	156	165	151	168
Hamilton	172	176	154	193	183	186	154	171	183	186	177	167	162	196	228	206	189	200	199	160	195
Hancock	149	133	117	128	130	153	124	135	132	115	130	142	159	171	126	113	122	130	137	130	123
Hardin	277	244	294	247	241	225	244	243	267	239	237	244	243	263	267	282	289	235	218	258	235
Harrison	173	219	209	173	227	189	180	230	200	202	198	205	205	203	204	212	250	202	214	230	245
Henry	204	214	183	196	188	200	197	233	200	215	169	209	207	206	217	224	224	184	223	202	196
Howard	134	136	146	139	123	133	132	125	122	118	124	144	112	151	153	155	154	135	140	128	126
Humboldt	118	126	112	116	130	130	115	141	140	130	135	130	136	139	130	123	133	112	140	111	104
Ida	102	115	111	85	101	125	109	117	104	117	115	103	107	120	107	112	108	97	108	100	88
Iowa	158	183	173	156	183	176	164	172	163	155	174	162	161	187	186	203	174	178	191	185	181
Jackson	217	226	211	232	256	221	221	228	202	241	209	229	237	202	234	231	243	222	225	203	213
Jasper	356	371	340	340	344	361	381	365	356	374	298	329	341	346	402	344	352	325	333	293	287
Jefferson	137	131	162	157	159	142	137	166	160	173	153	165	154	174	172	172	194	147	187	189	150
Johnson	490	520	486	476	492	480	475	455	436	451	429	482	395	436	374	441	380	371	370	315	330
Jones	181	178	188	163	184	168	170	177	167	202	192	184	167	179	224	236	209	200	197	212	208
Keokuk	155	125	121	151	145	134	138	137	124	138	165	168	166	192	179	233	220	207	207	171	189
Kossuth	203	207	214	209	195	222	194	223	196	207	197	204	217	205	217	232	243	229	241	217	199
Lee	455	452	419	426	435	460	470	463	444	453	398	453	456	501	518	553	510	494	519	495	549
Linn	1428	1463	1392	1337	1333	1358	1361	1356	1230	1274	1237	1245	1271	1211	1349	1291	1159	1078	1039	1013	941
Louisa	105	100	111	101	110	122	137	147	113	100	121	101	110	117	111	122	117	102	137	112	113
Lucas	109	124	130	118	111	112	118	107	122	122	129	152	115	144	149	185	168	147	166	160	137
Lyon	132	133	116	118	124	133	123	136	116	137	115	121	134	100	114	156	108	118	119	127	115
Madison	159	152	182	173	138	159	145	143	164	150	156	153	126	143	144	135	159	171	134	131	166
Mahaska	220	223	205	204	234	224	240	223	220	224	250	267	233	272	306	294	297	271	267	305	258
Marion	317	311	355	314	330	327	315	308	326	303	329	287	256	308	298	303	294	248	280	306	323
Marshall	505	505	498	511	522	529	514	497	456	506	485	437	427	403	395	445	419	374	360	385	346
Mills	138	146	123	139	134	116	123	149	110	129	129	138	133	148	116	140	137	132	135	135	128
Mitchell	141	135	148	151	146	139	136	157	153	135	148	154	142	157	171	156	160	129	154	123	135

Table 2. Deaths in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Monona	166	154	160	155	161	156	160	158	162	147	156	177	143	160	165	168	183	157	149	143	153
Monroe	109	93	95	99	99	111	115	96	118	109	105	113	116	115	130	144	168	133	147	149	175
Montgomery	168	156	177	177	197	190	145	183	156	176	181	165	152	168	192	195	172	172	183	189	199
Muscatine	351	387	377	358	329	368	414	380	375	391	357	379	339	358	413	442	411	405	391	372	418
O'Brien	198	176	188	181	198	194	204	184	192	205	190	194	198	201	203	189	166	162	194	161	198
Osceola	77	81	89	79	91	93	90	72	77	88	66	96	105	93	88	91	104	68	77	61	76
Page	198	254	229	253	212	256	215	211	224	236	230	256	223	251	249	277	245	237	244	189	248
Palo Alto	124	146	147	140	146	131	141	153	124	144	140	149	148	199	159	142	131	120	144	119	143
Plymouth	273	249	241	248	241	243	213	224	244	225	235	246	246	215	231	242	242	237	233	179	223
Pocahontas	105	103	109	129	120	108	135	119	127	132	121	150	169	144	138	148	134	126	120	147	135
Polk	2770	2741	2856	2704	2738	2684	2605	2617	2466	2614	2539	2533	2456	2542	2682	2616	2523	2373	2212	2065	1903
Pottawattamie	806	818	853	805	759	757	790	769	731	754	746	802	786	782	789	858	791	805	666	736	657
Poweshiek	209	226	247	204	213	198	201	184	204	170	196	195	192	180	225	206	228	197	225	232	203
Ringgold	99	80	72	91	74	71	88	83	77	74	84	88	84	90	90	111	121	121	103	116	112
Sac	164	173	174	170	167	162	167	176	155	144	178	176	147	191	181	187	190	165	148	148	130
Scott	1240	1349	1302	1269	1182	1302	1259	1307	1224	1171	1105	1174	1173	1159	1235	1182	1149	1054	1050	1004	987
Shelby	155	158	151	189	143	170	169	147	146	153	151	155	168	145	165	150	177	163	136	117	129
Sioux	238	232	244	270	237	229	244	242	218	218	228	278	236	256	252	233	229	209	227	187	212
Story	473	451	450	452	418	425	389	420	412	453	415	425	402	372	390	370	387	302	345	291	269
Tama	220	211	200	195	223	219	229	222	170	216	226	232	211	229	243	251	210	242	221	215	215
Taylor	86	96	102	108	106	87	99	95	94	115	105	98	114	125	151	155	155	158	151	142	168
Union	160	160	154	152	166	169	159	163	160	165	167	167	153	195	167	207	191	176	204	174	203
Van Buren	101	102	109	96	99	99	102	106	97	108	87	117	119	102	134	147	149	141	160	125	154
Wapello	451	456	441	444	447	452	428	463	418	488	473	443	498	496	540	493	523	438	540	521	487
Warren	336	304	323	296	339	264	316	285	233	282	283	244	227	235	218	199	185	153	176	182	199
Washington	215	223	220	231	249	213	245	236	206	243	215	235	207	247	222	225	222	234	194	230	243
Wayne	110	100	121	127	109	107	119	101	112	102	92	138	128	123	153	147	145	145	129	145	146
Webster	499	490	454	492	492	490	489	483	482	489	451	473	472	472	460	500	529	474	412	407	381
Winnebago	122	169	147	135	151	128	137	150	158	151	138	139	133	133	168	134	121	138	117	120	120
Winneshiak	190	184	181	178	182	188	178	175	159	176	219	229	179	214	190	194	240	204	238	221	229
Woodbury	939	919	984	962	935	1021	985	982	974	918	939	950	984	1052	1143	1124	1137	1027	1078	994	952
Worth	91	113	108	98	97	120	102	96	94	96	115	108	93	116	103	98	95	109	108	86	100
Wright	197	192	179	218	191	177	198	210	173	175	178	199	208	191	213	187	177	183	188	172	199
State of Iowa	27840	28339	28320	27669	27800	27962	27651	27951	26580	27306	26815	27810	27096	28058	29356	29394	28741	26672	26940	25505	25539

Table 3. Natural Change in Iowa's Counties, 1940-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Adair	-41	-62	-20	-49	-74	-31	-34	-48	-2	-24	-2	19	54	4	9	21	77	110	137	78	100
Adams	-16	-17	-18	-23	-7	-39	-2	-10	-15	1	3	19	19	-13	6	-14	26	68	72	73	95
Allamakee	-14	29	-19	10	8	-10	-9	5	20	9	-21	37	63	79	51	111	186	239	206	154	94
Appanoose	-32	-27	-4	-45	-26	-43	-37	-36	1	-27	-13	-33	29	-53	-43	-2	-24	90	84	89	126
Audubon	-64	-12	-18	18	-37	-23	-21	-35	-48	-22	3	-1	76	4	0	59	125	147	200	126	101
Benton	96	51	111	52	57	88	91	101	97	114	121	90	201	56	81	144	247	279	208	157	188
Black Hawk	395	430	479	429	458	396	366	580	521	609	557	866	1323	915	1289	1632	2364	2016	1922	777	809
Boone	-2	9	-31	-11	-2	2	9	-33	23	34	40	45	105	-7	86	47	122	189	228	116	140
Bremer	32	8	-33	15	23	14	8	6	43	23	13	90	190	95	133	137	300	260	229	156	151
Buchanan	119	87	86	63	89	53	110	46	125	122	117	187	255	127	146	231	311	300	331	155	117
Buena Vista	33	24	12	47	13	9	28	21	78	65	77	54	76	52	38	100	215	338	307	133	162
Butler	-29	-22	-26	-32	-29	-35	-39	-26	-43	-14	15	21	118	55	74	71	192	208	230	153	155
Calhoun	-53	-60	-38	-81	-38	-67	-35	-79	-65	-60	-18	-62	18	-3	-2	30	118	223	199	162	172
Carroll	26	-17	-7	-4	17	64	40	29	38	61	106	157	198	98	130	293	366	494	460	270	239
Cass	-25	-65	-49	-37	-50	-61	-25	-2	-15	-8	-14	-43	31	-24	19	21	166	197	212	114	130
Cedar	40	16	1	-1	23	27	18	46	42	69	45	80	83	94	53	87	143	197	151	73	77
Cerro Gordo	-2	36	-44	33	73	52	98	88	110	164	205	257	261	142	244	270	665	702	682	320	431
Cherokee	-14	-43	-38	-22	-77	-7	-1	-17	-5	-13	29	15	62	84	84	97	226	291	295	183	117
Chickasaw	41	-8	-1	22	-14	-9	1	23	42	7	57	27	99	84	51	161	197	188	237	134	153
Clarke	1	5	-6	3	-15	-4	-9	-25	2	-8	13	5	20	-13	-8	-7	9	42	77	38	98
Clay	22	10	-22	29	23	-7	54	8	63	73	81	101	161	91	114	82	216	280	318	164	187
Clayton	-34	-49	-48	8	-44	-20	-12	28	8	15	41	37	108	96	76	89	192	241	272	111	135
Clinton	79	55	146	54	37	112	114	132	162	145	126	262	386	299	423	494	657	694	538	242	192
Crawford	17	24	30	33	51	26	4	29	25	50	58	49	142	100	147	164	181	256	298	210	156
Dallas	264	163	228	165	200	177	145	151	149	148	122	132	204	109	157	141	219	266	246	119	110
Davis	38	20	-11	40	25	-25	36	11	20	24	28	26	53	44	-9	-13	30	73	83	76	36
Decatur	-13	-14	-7	-34	-5	8	0	-30	-40	-40	-15	-15	10	-14	-3	-14	-3	41	121	89	114
Delaware	73	41	107	56	75	42	119	89	80	127	114	144	219	87	126	221	269	294	250	182	145
Des Moines	128	52	85	104	111	55	112	130	169	106	112	150	301	118	321	304	552	459	485	293	135
Dickinson	-32	6	-17	-4	-33	-42	-36	-45	3	0	0	15	94	49	47	58	126	171	190	96	106
Dubuque	370	265	282	352	377	342	305	398	358	390	420	477	781	685	898	1218	1570	1349	1139	444	445
Emmet	-23	5	-7	-25	-8	-21	-24	-5	-12	25	0	16	68	82	72	87	224	269	233	120	152
Fayette	-28	-27	-35	1	-10	39	47	0	36	29	32	3	145	69	83	167	301	374	313	236	224

Table 3. Natural Change in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Floyd	-5	-28	-10	9	-21	-8	-12	-20	-12	7	16	-10	28	165	86	153	210	219	303	154	146
Franklin	-18	-17	-25	-5	-9	-26	-5	-25	9	0	4	32	60	43	35	77	113	168	172	165	155
Fremont	-13	-7	-35	-19	-62	-46	-50	-25	-24	2	-4	6	12	13	-34	0	19	56	103	34	114
Greene	-40	-17	-38	-21	-33	-26	4	13	-18	-19	-34	-12	46	-9	34	64	149	179	225	120	153
Grundy	1	-29	-8	-7	-17	-36	-11	14	24	2	29	4	89	45	89	59	173	195	193	97	92
Guthrie	-22	8	-28	9	-16	-26	-13	-40	19	5	-20	-33	14	-4	9	11	93	105	149	110	166
Hamilton	20	30	64	17	-1	7	49	22	23	34	32	32	95	14	75	134	207	288	235	199	195
Hancock	-18	-6	18	-1	-9	-31	1	-10	10	42	34	48	93	8	74	113	174	237	236	149	190
Hardin	-69	-9	-88	-58	-25	19	-26	-39	-75	-30	-24	26	105	0	49	68	139	191	303	92	140
Harrison	20	-40	-43	6	-54	-15	-5	-51	0	-1	-11	22	49	17	61	28	127	180	238	135	125
Henry	60	32	67	45	15	76	42	19	56	22	96	29	96	54	63	13	100	158	176	104	83
Howard	-24	-19	-34	-15	-31	-15	-36	-13	4	-4	11	-7	72	-6	-2	73	129	176	171	91	96
Humboldt	-19	4	-5	12	-19	-23	3	-31	-40	-26	-23	33	52	23	37	86	182	210	157	133	152
Ida	-32	-35	-21	14	-2	-52	-23	-24	-10	-17	-8	32	41	-4	3	32	71	151	120	104	97
Iowa	25	-5	1	0	44	16	48	41	33	53	39	20	68	-3	65	55	169	198	189	74	93
Jackson	22	12	25	10	-20	40	20	30	56	45	43	116	133	124	136	236	299	314	218	129	156
Jasper	102	86	80	96	82	55	58	58	99	97	134	143	189	170	185	222	442	523	354	246	275
Jefferson	8	27	10	4	12	11	35	11	25	13	39	57	63	8	78	101	147	161	138	107	92
Johnson	892	812	789	798	780	778	813	882	923	907	977	844	881	577	1118	963	1228	1013	931	391	224
Jones	46	18	-5	50	40	28	83	58	76	53	59	106	156	101	124	137	241	287	266	121	128
Keokuk	-1	0	21	-24	-11	11	-9	6	23	38	-15	-11	57	-42	10	23	70	170	199	117	95
Kossuth	-37	-45	-41	-35	-32	-48	2	-4	3	19	54	58	180	110	136	195	414	447	441	387	356
Lee	-45	14	30	20	42	19	-35	63	96	41	98	136	237	23	205	233	383	497	461	222	149
Linn	1287	1282	1243	1247	1207	1239	1189	1195	1414	1358	1404	1205	1555	1292	1866	1994	2467	1867	1522	589	542
Louisa	59	64	62	89	51	52	24	37	30	48	42	44	62	44	45	68	45	124	95	63	67
Lucas	10	-27	-15	-23	12	-12	11	10	-22	-11	-13	-42	55	-7	0	-52	28	43	53	44	106
Lyon	27	21	33	19	26	3	42	26	64	19	63	62	102	101	113	106	246	260	251	187	163
Madison	37	36	-18	-4	14	0	15	19	-9	8	2	11	71	47	34	17	74	39	109	62	101
Mahaska	63	78	80	54	26	67	32	54	44	76	35	51	167	37	36	44	151	234	281	134	110
Marion	66	121	48	19	48	36	104	83	86	61	45	152	193	56	75	101	212	267	255	106	141
Marshall	51	68	13	-39	31	-13	9	26	15	-48	17	118	246	197	321	270	450	445	432	188	323
Mills	17	10	71	20	43	42	60	10	41	41	7	29	92	55	49	17	119	116	127	88	85
Mitchell	-10	-2	-25	-18	-16	-10	6	-3	-27	13	-17	-6	54	-4	23	72	144	244	180	132	89

Table 3. Natural Change in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Monona	-68	-39	-61	-46	-63	-30	-36	-52	-17	-14	-42	-72	36	-10	-5	6	110	163	231	171	197
Monroe	-7	7	-18	-4	-2	-22	-28	23	-20	2	11	-4	17	7	-11	3	18	57	94	45	93
Montgomery	-29	-10	-25	-65	-37	-29	15	-42	9	-38	-23	-13	53	9	10	-20	88	141	174	55	71
Muscatine	287	232	237	212	262	261	212	262	281	285	308	253	375	318	288	308	439	353	352	192	139
O'Brien	-11	4	-28	11	-8	6	-30	7	7	-29	-6	19	81	20	60	119	265	324	302	178	125
Osceola	-4	-8	-13	1	-12	-3	-20	9	9	19	28	11	32	26	52	54	128	213	179	131	121
Page	-29	-58	-39	-82	-21	-82	-34	-47	-58	-57	-30	-21	47	34	14	-9	120	166	206	222	148
Palo Alto	-14	-42	-40	-18	-48	-36	-34	-44	-12	-33	-45	32	61	-12	26	105	248	282	264	210	242
Plymouth	36	40	65	80	71	73	98	83	73	71	111	88	181	136	199	155	329	387	382	287	218
Pocahontas	-32	-21	-38	-52	-52	-42	-51	-31	-28	-28	3	17	-9	-10	32	55	176	256	282	137	179
Polk	3446	3213	3042	2981	3044	2771	2853	2843	3094	2880	2828	2554	2631	1814	2885	2698	4222	3594	3425	1467	1469
Pottawattamie	378	398	307	380	343	385	366	424	530	545	615	532	682	599	822	902	1387	1098	1098	471	375
Poweshiek	3	-50	-52	-12	-19	17	10	21	11	67	30	25	55	56	51	106	203	256	210	96	146
Ringgold	-30	-11	-25	-26	-31	-16	-58	-45	-20	-21	-40	-10	2	-6	-1	-26	7	39	85	48	68
Sac	-29	-45	-62	-40	-8	-26	-41	-37	-15	-19	-33	1	88	-3	40	58	186	264	278	175	202
Scott	1108	915	1037	906	1121	949	984	1101	1259	1238	1325	1369	1781	1437	1670	1763	1902	1670	1383	663	491
Shelby	-5	-17	-9	-49	-28	-14	-23	16	8	3	31	16	85	97	60	113	216	285	245	172	158
Sioux	219	165	156	143	139	181	136	195	215	221	206	233	400	224	219	268	395	504	523	298	347
Story	467	434	410	394	486	431	455	365	466	447	512	610	653	524	706	647	879	824	763	330	291
Tama	31	29	22	53	7	17	7	3	56	-3	-11	18	78	24	57	73	198	195	305	127	145
Taylor	1	-30	-36	-29	-31	-11	-21	-25	-19	-52	-13	-7	21	-28	-39	-47	-4	48	58	47	70
Union	-33	-20	2	-16	-3	-15	-40	-11	-11	-22	-19	-17	59	19	42	-7	61	90	122	47	24
Van Buren	-4	-17	-2	-17	-13	-23	2	2	-6	-10	2	-10	7	11	-37	-18	35	63	41	42	40
Wapello	-27	-52	-50	-28	12	-49	0	2	4	-7	17	25	99	-9	117	216	446	666	563	375	298
Warren	177	179	181	217	142	217	133	214	283	268	196	262	324	270	346	229	345	271	206	94	105
Washington	75	83	64	23	78	95	34	37	63	34	92	34	119	8	90	103	174	203	263	130	146
Wayne	-31	-25	-65	-70	-45	-27	-41	-30	-38	-28	-9	-42	-5	-27	-59	-18	0	46	76	28	63
Webster	-7	8	59	28	4	8	36	51	84	74	146	158	288	185	317	456	713	735	749	314	413
Winnebago	12	-48	-20	0	-7	6	-2	-29	-17	-13	10	23	64	54	14	43	149	151	201	101	172
Winneshiak	1	2	27	22	30	52	64	54	96	76	40	58	148	39	137	194	248	347	262	149	171
Woodbury	753	708	680	729	764	679	666	669	691	705	692	702	809	674	805	744	1525	1778	1635	1055	836
Worth	-7	-37	-18	-23	-12	-31	-11	-2	-3	3	-16	9	34	-20	25	26	82	112	128	59	80
Wright	-29	-27	-30	-66	-19	-38	-41	-54	-2	13	36	-3	39	6	27	77	239	264	289	159	174
State of Iowa	10410	9210	8942	8972	9330	8828	9406	9854	11879	11619	12515	13372	20701	13302	19050	21576	35309	36952	35610	18992	18808

more births than deaths. The 1993-1999 trend was broken in 2000, when there were 10,410 more births than deaths; this occurred because of an increase in births of 700 and a decrease among deaths of 500, which resulted in a 1,200 natural increase from 1999 to 2000.

Fifty-one counties reported natural increases (more births than deaths) in 2000. These ranged from less than 50 in 26 counties to more than 100 in 16 others. Three counties (Linn, Polk, Scott) had at least 1,000 more births than deaths in 2000. Two others (Johnson, Woodbury) had natural increases of at least 500 that year.

Forty-eight of Iowa's 99 counties had natural decreases (more deaths than births) in 2000; this was an increase from the 45 reported in 1999 (Figure 2). Deaths in 2000 outnumbered births by at least 50 in Audubon, Calhoun, Hardin, and Monona. Two-thirds (67) of the counties had natural decrease in at least one of the years from 1996 through 2000.

Nearly a third (30) of the counties recorded more births than deaths every year from 1980 through 2000. The decline in the magnitude of natural increase was great in some counties, however. In Black Hawk, births outnumbered deaths by 1,323 in 1980 and 395 in 2000. Several counties had natural increases in 1980 but natural decreases in 2000; in Audubon and Hardin, births outnumbered deaths by at least 50 in 1980 but there were at least 50 more deaths than births in 2000. While two-thirds (69) of the counties had at least one year with natural decrease, only Wayne had more deaths than births every year from 1980 through 2000. Thirty-one others had natural decreases occurring in at least 11 of the 21 years examined. Twenty-two counties reported more deaths than births in at least 14 of the 21 years—or 2 of every 3 years from 1980 through 2000.

Concluding Comments

Births for three of the years usually thought of as part of the baby boom (1950, 1955, 1960) are included in Table 1. Comparisons with years in the late 1990s reveal that births were substantially greater during the baby boom in most counties as would be expected. In many, births now are a third to half the numbers of the 1950s. Dallas, Polk, and Warren are among the few that have held even in births when the late 1990s and baby-boom years are compared.

While the number of deaths in Iowa has changed relatively little through the 1980s and 1990s, births declined substantially. In the late 1970s and early 1980s, the state and nearly all counties had more births than deaths. Beginning in 1994, however, at least 4 of every 10 counties experienced more deaths than births. These trends suggest that many counties will continue to have difficulty adding to their populations through natural events.

Note: See an annual publication called VITAL STATISTICS OF IOWA for more detailed data on births and deaths (Iowa Department of Public Health, Lucas State Office Building, Des Moines, IA 50319).

Figure 1. Births and deaths in Iowa, 1915–2000.

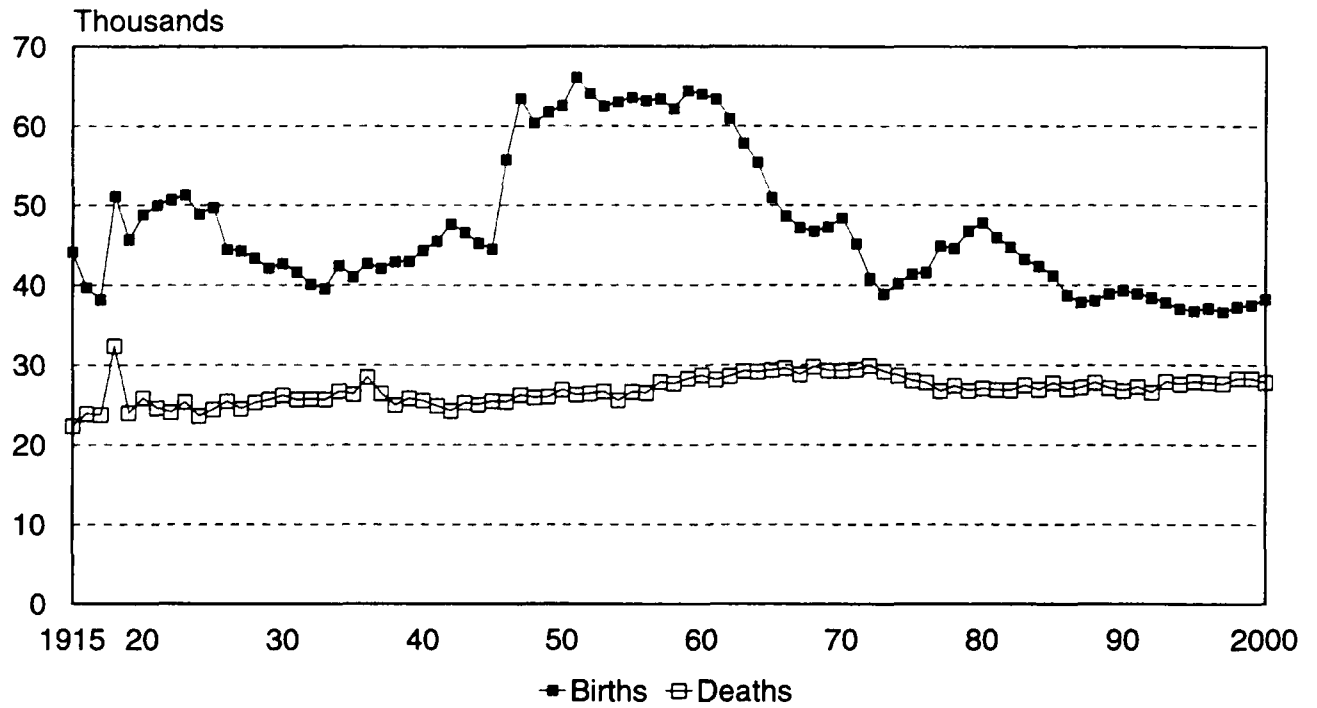
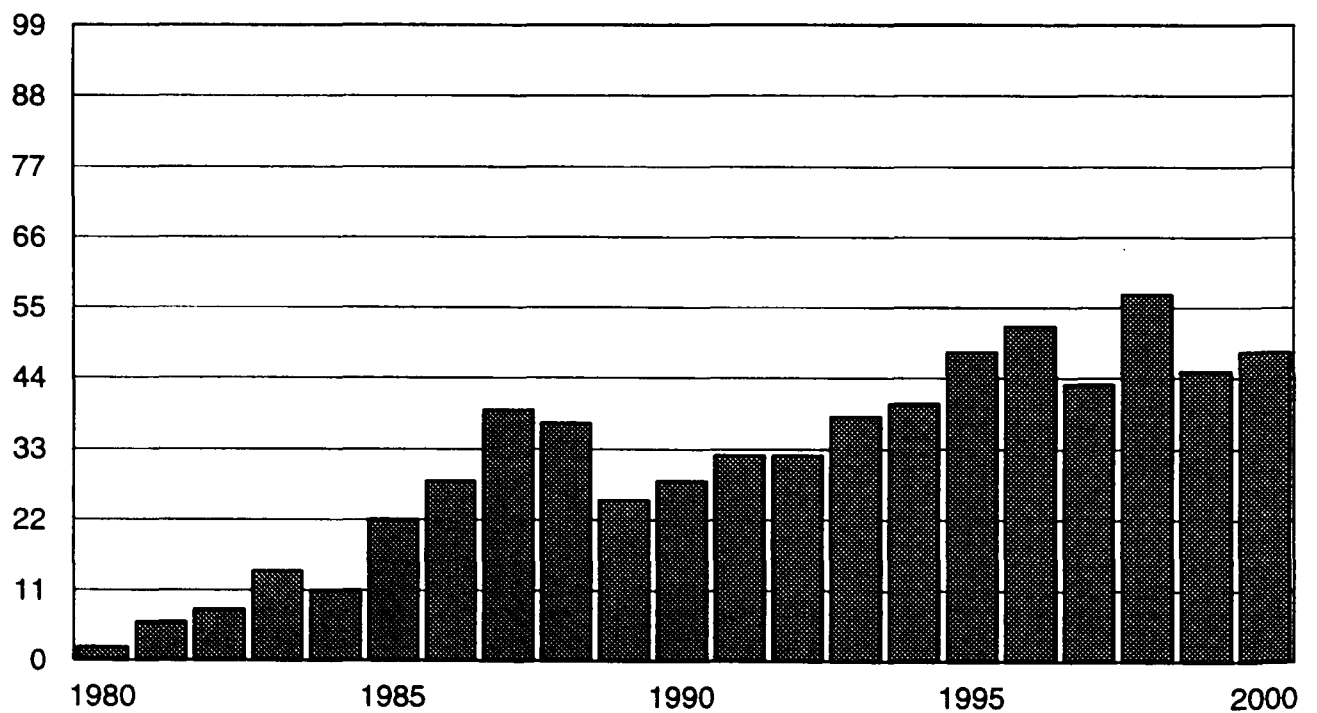


Figure 2. Number of counties with natural decrease in Iowa, 1980–2000.



Natural Change, Net Migration, and Population Change in Iowa's Counties: 1940-2000

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Margaret Hanson, Iowa State University
Sandra Charvat Burke, Iowa State University

Three elements contribute to population change within a county—births, deaths, and migration. Natural change refers to the difference between the number of births and deaths during a particular period. If more births occur, the result of subtracting deaths from births is called natural increase; when deaths exceed births, then natural decrease is said to have taken place. Births are counted by the county of residence of the mother, which may not necessarily be the county in which the birth occurs. Similarly, deaths are reported by the county of residence of the deceased individual, although the death may have happened elsewhere. Thus, birth and death data yield information on how a population is changing naturally. Net migration is determined by subtracting the number leaving an area from the number entering. When more move in than out, net immigration is reported; when more leave than enter, however, net outmigration is noted. The sum of natural change and net migration equals population change.

Natural Change

For Iowa in each decade from the 1940s through the 1990s, births were greater than deaths and thus the state experienced natural increase (Table 1). In the 1940s, births exceeded deaths by about 260,000 in Iowa. That number increased to 366,000 in the middle of the baby boom (the 1950s). Since then, although natural increase was evident each decade, it declined substantially to less than 101,000 in the 1990s.

That decline for the state as a whole foreshadowed changes within counties as well. Although natural decrease didn't occur in any county in the 1940s or 1950s, growing numbers of counties had natural decreases in each decade that followed. In the 1960s, 92 counties had natural increases; this dropped to nearly the same number of counties in the 1970s (86) and the 1980s (85). The 1990s constituted an entirely different decade, however, because only 54 counties had natural increases, a decline of more than 30 from the 1970s and 1980s. Thus, although a majority (54) of counties reported more births than deaths in the 1990s, nearly as many (45) had natural declines.

From the 1960s through the 1990s, the range among counties with natural increases was much greater than that for natural decreases. In the 1970s and 1980s as in the 1960s, for example, no county with natural decrease had as many as 300 more deaths than births. In the 1990s, 10 of the 45 counties with natural decreases had deaths exceeding births by more than 300, with two greater than 500 (Calhoun and Page). Ranges for natural increases were much greater than for natural decreases each decade. However, fewer counties had as high a level of natural increase as noted in the 1960s. For example, at least 1,000 more births than deaths occurred in 56 counties in the 1960s; this declined to 29 in the 1970s, 26 in the 1980s, and 15 in the 1990s.

Of course, the greatest change occurs when the 1950s, which include more years of the baby boom than any other, are compared with the 1990s. In the 1950s, eight counties had at least 10,000 more births than deaths while in the 1990s this figure was reached in only three counties. Perhaps even more telling, births exceeded deaths by at least 1,000 in 84 counties in the 1950s but in only 15 in the 1990s.

Table 1. Natural Change, Net Migration, and Population Change in Iowa's Counties by Decade, 1940-2000.

County	Natural Change (Births Minus Deaths) ¹						Net Migration ²						Population Change ³					
	1990s	1980s	1970s	1960s	1950s	1940s	1990s	1980s	1970s	1960s	1950s	1940s	1990s	1980s	1970s	1960s	1950s	1940s
Adair	-346	76	144	256	1058	1171	180	-1176	-122	-1662	-2457	-2075	-166	-1100	22	-1406	-1399	-904
Adams	-127	30	-59	60	809	914	-257	-895	-532	-1206	-2094	-2317	-384	-865	-591	-1146	-1285	-1403
Allamakee	22	443	402	1173	2153	1477	798	-1696	-262	-2187	-2522	-2310	820	-1253	140	-1014	-369	-833
Appanoose	-257	32	-142	-167	563	1127	235	-1800	646	-841	-4231	-5689	-22	-1768	504	-1008	-3668	-4562
Audubon	-195	140	57	578	1589	1355	-309	-1365	-1093	-1902	-2249	-1566	-504	-1225	-1036	-1324	-660	-211
Benton	883	913	701	1671	2794	2107	1996	-2133	63	-2208	-2028	-2330	2879	-1220	764	-537	766	-223
Black Hawk	4825	9126	10557	17806	20946	12208	-611	-23289	-5512	-7372	1088	8294	4214	-14163	5045	10434	22034	20502
Boone	40	545	242	816	2296	1845	998	-1543	-528	-2383	-2398	-3488	1038	-998	-286	-1567	-102	-1643
Bremer	120	970	1212	2065	2629	1689	392	-2977	871	-436	-405	-737	512	-2007	2083	1629	2224	952
Buchanan	898	1784	1528	2363	3013	2078	-649	-3840	-390	-2894	-2647	-1142	249	-2056	1138	-531	366	936
Buena Vista	374	643	612	1182	2916	2024	72	-1452	-531	-1678	-2840	-749	446	-809	81	-496	76	1275
Butler	-251	389	692	1076	2030	1805	-175	-2326	23	-1590	-1957	-2397	-426	-1937	715	-514	73	-592
Calhoun	-541	-216	-105	607	1899	1887	148	-1818	-645	-2238	-2901	-2546	-393	-2034	-750	-1631	-1002	-659
Carroll	327	1454	1034	2885	4375	3202	-329	-2982	-995	-3404	-4009	-2907	-2	-1528	39	-519	366	295
Cass	-326	55	53	879	1904	1790	-118	-1859	-128	-1791	-2517	-1905	-444	-1804	-75	-912	-613	-115
Cedar	286	658	560	1056	1854	1375	457	-1849	420	-1192	-973	-1349	743	-1191	980	-136	881	26
Cerro Gordo	815	2087	1673	3722	7145	4921	-1101	-3812	-2438	-4393	-3304	-2713	-286	-1725	-765	-671	3841	2208
Cherokee	-194	362	602	1372	2547	2012	-869	-2502	-1633	-2701	-3001	-2218	-1063	-2140	-1031	-1329	-454	-206
Chickasaw	120	648	849	1526	2044	1676	-320	-2790	-381	-1591	-2238	-1675	-200	-2142	468	-65	-194	1
Clarke	-44	185	22	-3	529	771	890	-510	1009	-638	-1676	-1635	846	-325	1031	-641	-1147	-864
Clay	312	1042	1013	1334	2827	2231	-525	-3033	99	-1374	-2426	-1890	-213	-1991	1112	-40	401	341
Clayton	-73	588	783	1282	2575	1902	-303	-2632	-291	-2638	-3135	-3714	-376	-2044	492	-1356	-560	-1812
Clinton	1083	2235	3021	5063	6468	4087	-1974	-8317	-2648	-3374	-1072	855	-891	-6082	373	1689	5396	4942
Crawford	330	884	1059	1593	2540	2274	-163	-3044	-1240	-1046	-3712	-3071	167	-2160	-181	547	-1172	-797
Dallas	1648	1553	1193	1385	2239	1794	9347	-1311	2235	577	-1777	-2782	10995	242	3428	1962	462	-988
Davis	168	297	226	179	701	760	61	-1089	671	-1171	-1461	-1937	229	-792	897	-992	-760	-1177
Decatur	-177	-16	-76	-149	643	1052	528	-1440	133	-653	-2705	-2463	351	-1456	57	-802	-2062	-1411
Delaware	850	1466	1224	2195	3027	2077	-481	-2364	-1061	-1908	-2278	-2830	369	-898	163	287	749	-753
Des Moines	1036	1668	1930	4052	5056	3694	-1299	-5257	-2709	-1675	-2507	1558	-263	-3589	-779	2377	2549	5252
Dickinson	-168	272	412	624	1662	1285	1683	-992	2652	-633	-1844	-714	1515	-720	3064	-9	-182	571
Dubuque	3489	5294	7279	12901	13563	7122	-749	-12636	-4143	-2340	-4852	447	2740	-7342	3136	10561	8711	7569
Emmet	-72	306	694	1153	2426	1887	-470	-2073	-1367	-2015	-1657	-1191	-542	-1767	-673	-862	769	696
Fayette	112	543	829	2133	3501	2630	53	-4188	-2239	-3816	-3214	-3487	165	-3645	-1410	-1683	287	-857

¹Minus sign indicates more deaths than births. ²Minus sign indicates more moved out than in. ³Minus sign indicates population decline.

Table 1. Natural Change, Net Migration, and Population Change in Iowa's Counties by Decade, 1940-2000 (continued).

County	Natural Change (Births Minus Deaths) ¹						Net Migration ²						Population Change ³					
	1990s	1980s	1970s	1960s	1950s	1940s	1990s	1980s	1970s	1960s	1950s	1940s	1990s	1980s	1970s	1960s	1950s	1940s
Floyd	-79	265	704	1649	2652	2159	-79	-2804	-967	-2891	-3055	-823	-158	-2539	-263	-1242	-403	1336
Franklin	-99	252	84	775	1897	1716	-561	-1924	-303	-2992	-2693	-1827	-660	-1672	-219	-2217	-796	-111
Fremont	-270	-84	-59	155	688	1024	54	-1091	178	-1155	-2729	-3346	-216	-1175	119	-1000	-2041	-2322
Greene	-189	52	22	717	1664	1607	510	-2126	-619	-2380	-2829	-2662	321	-2074	-597	-1663	-1165	-1055
Grundy	-39	289	510	995	1704	1318	379	-2626	-263	-1008	-1294	-1114	340	-2337	247	-13	410	204
Guthrie	-102	-267	20	330	1067	1439	520	-781	-280	-1694	-2657	-3452	418	-1048	-260	-1364	-1590	-2013
Hamilton	277	481	508	1164	2468	2301	90	-2272	-1029	-2813	-2096	-2563	367	-1791	-521	-1649	372	-262
Hancock	48	598	588	1023	2291	1993	-586	-1793	-261	-2121	-2764	-2318	-538	-1195	327	-1098	-473	-325
Hardin	-355	322	253	866	2279	1902	73	-3004	-725	-1151	-1964	-2214	-282	-2682	-472	-285	315	-312
Harrison	-214	202	313	627	1846	1792	1150	-1820	-205	-1987	-3806	-4999	936	-1618	108	-1360	-1960	-3207
Henry	470	595	578	634	1601	1298	640	-259	198	-707	-2122	-584	1110	336	776	-73	-521	714
Howard	-152	166	119	654	1540	1332	275	-1471	-447	-1946	-1911	-1758	123	-1305	-328	-1292	-371	-426
Humboldt	-148	442	374	882	1861	1596	-227	-1932	-647	-1519	-1822	-1938	-375	-1490	-273	-637	39	-342
Ida	-178	303	60	347	1349	1126	-350	-846	-435	-1333	-1777	-1476	-528	-543	-375	-986	-428	-350
Iowa	270	456	401	1103	1903	1360	771	-1255	-391	-2080	-1342	-2541	1041	-799	10	-977	561	-1181
Jackson	261	961	1272	2394	2881	1378	85	-3514	392	-2309	-749	-1937	346	-2553	1664	85	2132	-559
Jasper	845	1287	1718	2681	4956	3181	1573	-2917	-718	-2538	-1979	-2372	2418	-1630	1000	143	2977	809
Jefferson	187	482	449	1098	1516	1205	-316	-488	93	-1142	-1394	-1271	-129	-6	542	-44	122	-66
Johnson	8459	8655	7471	10597	10195	5066	6428	5747	2119	7867	-2288	7499	14887	14402	9590	18464	7907	12565
Jones	460	782	939	1726	2727	1891	317	-1739	-406	-2551	-1435	-2440	777	-957	533	-825	1292	-549
Keokuk	40	58	-80	372	1349	1324	-264	-1355	-942	-1921	-2654	-2933	-224	-1297	-1022	-1549	-1305	-1609
Kossuth	-127	909	1063	2537	4428	4087	-1301	-4209	-2109	-4914	-5355	-4476	-1428	-3300	-1046	-2377	-927	-389
Lee	388	1432	1326	2707	4964	3653	-1023	-5851	-1216	-3918	-3859	-1625	-635	-4419	110	-1211	1105	2028
Linn	12778	12568	13334	21961	18871	9584	10156	-13576	-6772	4353	13754	5548	22934	-1008	6562	26314	32625	15132
Louisa	499	500	512	530	892	823	92	-963	861	-138	-1703	-1106	591	-463	1373	392	-811	-283
Lucas	-90	-14	-142	-117	473	676	442	-1229	292	-643	-1619	-3178	352	-1243	150	-760	-1146	-2502
Lyon	316	775	877	1318	2529	1956	-505	-1719	-1321	-2446	-2758	-2633	-189	-944	-444	-1128	-229	-677
Madison	63	137	230	251	937	1028	1473	-251	809	-988	-1773	-2422	1536	-114	1039	-737	-836	-1394
Mahaska	546	821	469	788	2273	1706	257	-2156	221	-2213	-3343	-3519	803	-1335	690	-1425	-1070	-1813
Marion	651	1232	956	1552	2529	2073	1400	-900	2361	-1086	-2573	-3162	2051	332	3317	466	-44	-1089
Marshall	79	1334	2237	3324	4427	3484	956	-4710	-1661	-232	-2054	-3279	1035	-3376	576	3092	2373	205
Mills	345	474	687	557	1099	1107	1000	-678	887	-1775	-2113	-2107	1345	-204	1574	-1218	-1014	-1000
Mitchell	-99	57	188	1021	2082	1444	45	-1458	-967	-1956	-1984	-1620	-54	-1401	-779	-935	98	-176

Table 1. Natural Change, Net Migration, and Population Change in Iowa's Counties by Decade, 1940-2000 (continued).

County	Natural Change (Births Minus Deaths) ¹						Net Migration ²						Population Change ³					
	1990s	1980s	1970s	1960s	1950s	1940s	1990s	1980s	1970s	1960s	1950s	1940s	1990s	1980s	1970s	1960s	1950s	1940s
Monona	-400	-171	-58	408	1769	2095	386	-1487	-319	-2255	-4156	-4030	-14	-1658	-377	-1847	-2387	-1935
Monroe	-51	-74	-38	63	710	834	-47	-1021	-110	-1169	-2061	-3573	-98	-1095	-148	-1106	-1351	-2739
Montgomery	-245	-17	94	67	1425	1169	-60	-1320	538	-1753	-2643	-1181	-305	-1337	632	-1686	-1218	-12
Muscatine	2552	3037	2798	3163	3811	2502	-737	-3566	457	178	-2119	-1650	1815	-529	3255	3341	1692	852
O'Brien	-66	393	401	1341	2804	2224	-276	-1921	-951	-2659	-2934	-2547	-342	-1528	-550	-1318	-130	-323
Osceola	10	188	291	883	1863	1470	-274	-1292	-475	-2392	-1980	-1896	-264	-1104	-184	-1509	-117	-426
Page	-508	-177	66	352	1674	2090	614	-2016	460	-2838	-4572	-3056	106	-2193	526	-2486	-2898	-966
Palo Alto	-352	248	311	1076	2639	2197	-170	-2300	-879	-2523	-3794	-2476	-522	-2052	-568	-1447	-1155	-279
Plymouth	765	1457	1447	2210	3726	2939	696	-2812	-1026	-1794	-3072	-3189	1461	-1355	421	416	654	-250
Pocahontas	-340	-26	91	914	2272	1997	-523	-1818	-1515	-2355	-3534	-2767	-863	-1844	-1424	-1441	-1262	-770
Polk	29549	25804	21460	31371	37412	22317	17912	-1834	-4420	-11556	2893	7858	47461	23970	17040	19815	40305	30175
Pottawattamie	4293	5834	6517	10522	11687	6719	783	-9767	-6947	-6633	1733	-3793	5076	-3933	-430	3889	13420	2926
Poweshiek	23	347	535	1210	2244	1674	-241	-620	-32	-1707	-2288	-1088	-218	-273	503	-497	-44	586
Ringgold	-293	-52	-123	-104	493	723	342	-640	-138	-1433	-2111	-2332	49	-692	-261	-1537	-1618	-1609
Sac	-326	72	165	826	2439	2129	-469	-1866	-1620	-2260	-2950	-2250	-795	-1794	-1455	-1434	-511	-121
Scott	10835	13962	13850	17211	16969	9921	-3140	-23011	3485	6409	1400	6029	7695	-9049	17335	23620	18369	15950
Shelby	-82	417	550	1473	2639	2120	25	-2230	-1035	-1770	-2756	-2898	-57	-1813	-485	-297	-117	-778
Sioux	1757	2832	2557	2862	4865	4073	-71	-3742	260	-1241	-4871	-4901	1686	-910	2817	1621	-6	-828
Story	4400	5977	5398	7567	8270	5424	1329	-4051	4145	5889	-3237	5436	5729	1926	9543	13456	5033	10860
Tama	180	430	369	1057	2335	1883	504	-2544	-983	-2323	-2610	-2623	684	-2114	-614	-1266	-275	-740
Taylor	-267	-179	-287	-278	519	776	111	-1060	-150	-1220	-2651	-2614	-156	-1239	-437	-1498	-2132	-1838
Union	-155	82	172	240	935	855	-286	-1190	129	-395	-2874	-1484	-441	-1108	301	-155	-1939	-629
Van Buren	-82	-4	-136	105	588	437	215	-946	119	-1240	-1817	-1483	133	-950	-17	-1135	-1229	-1046
Wapello	-151	264	395	2416	6019	4819	506	-4809	-2303	-6393	-7290	-1702	355	-4545	-1908	-3977	-1271	3117
Warren	2030	2525	2952	2760	2393	1482	2608	-1370	4494	3843	678	-1419	4638	1155	7446	6603	3071	63
Washington	603	780	644	1225	2268	1939	455	-1309	530	-1664	-2419	-2437	1058	-529	1174	-439	-151	-498
Wayne	-378	-265	-298	-275	404	529	41	-867	92	-1120	-2341	-2100	-337	-1132	-206	-1395	-1937	-1571
Webster	498	1695	2011	4814	7435	5012	-605	-7306	-4449	-4233	-3866	-2292	-107	-5611	-2438	581	3569	2720
Winnebago	-120	313	447	691	1650	1482	-279	-1201	-427	-800	-2001	-2004	-399	-888	20	-109	-351	-522
Winneshiek	463	974	819	1849	2928	2013	0	-2003	-701	-1742	-2916	-2637	463	-1029	118	107	12	-624
Woodbury	6983	6574	7342	10369	17007	12041	-1382	-9182	-9510	-15166	-13075	-11751	5601	-2608	-2168	-4797	3932	290
Worth	-150	104	44	287	1056	999	68	-1188	47	-1562	-1865	-1380	-82	-1084	91	-1275	-809	-381
Wright	-228	97	113	879	2614	2275	293	-2147	-1088	-3032	-2819	-2661	65	-2050	-975	-2153	-205	-386
State of Iowa	100555	146419	149101	251440	366121	261017	48938	-283396	-60661	-183609	-229657	-178212	149493	-136977	88440	67831	136464	82805

Net Migration

The other factor creating population change is migration, although it is difficult to measure the numbers entering and leaving an area. But when the other two elements in the equation—natural change and population change—are known, then net migration can be determined. In this instance, population change minus natural change yields net migration. This calculation does not provide the total numbers of in- or outmigrants but only the difference (net) between them.

Iowa had more leaving than entering each decade from the 1940s through the 1980s, although more moved in than out in the most recent decade (Table 1). Net outmigration was particularly high in the 1950s and the 1980s, when at least 200,000 more moved away from this state than to it. The 1990s was the first decade in the 20th century that had net immigration; although the number was relatively small (+49,000), it represented great change from earlier years.

Twenty-six counties mirrored the state's pattern on net migration across the six decades, with more moving out than in during all but the 1990s. In another 31 counties, net outmigration occurred in each of the decades. Johnson was the only county in which all but one decade had more entering than leaving; in Linn, Scott, Story, and Warren, four of the six decades had net immigration.

Ninety counties had net outmigration in the 1940s, as did 93 in the 1950s, and 92 in the 1960s. Two-thirds (65) of the counties had more people leave than enter in the 1970s although more left than entered in 98 of Iowa's 99 counties in the 1980s; only Johnson had net immigration that decade. The 1990s was the first decade in the 1940-2000 period during which a majority (55) of the counties had more enter than leave; another 43 noted net outmigration, and one (Winneshiek) had a net of zero (equal numbers entering and leaving) from 1990 to 2000.

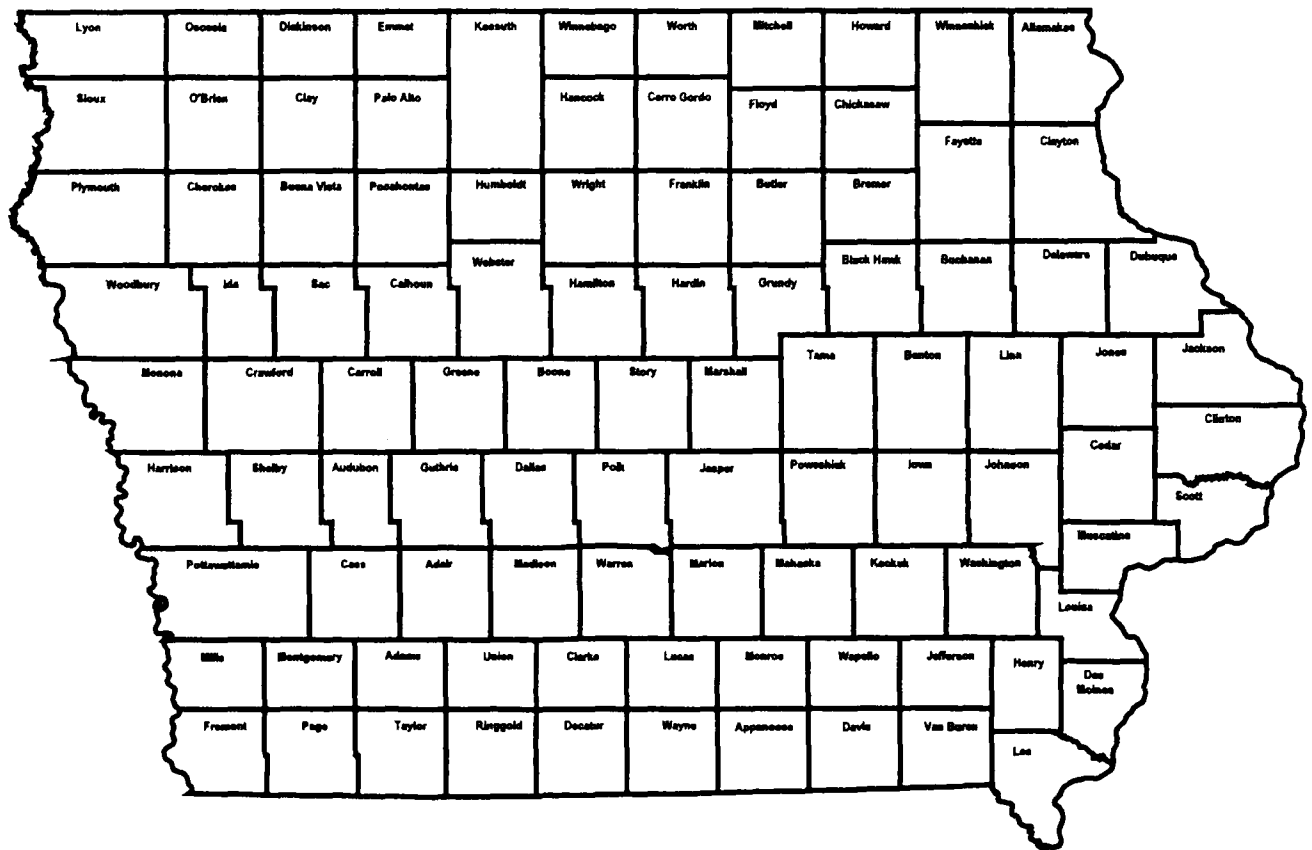
The numbers of net outmigrants frequently were substantial. In the 1940s, for example, 85 of the 90 counties with net outmigration had at least 1,000 more move out than in, although Woodbury was the only county in which at least 10,000 more left than entered. That level of net outmigration occurred in Woodbury in the 1950s and 1960s as well. Black Hawk, Dubuque, Linn, and Scott had at least 10,000 more leave than enter in the 1980s. Polk had net outmigration exceeding 10,000 in the 1960s but it was one of only two counties with at least 10,000 more moving in than out in the 1990s. Linn was the other county in which that occurred; indeed, Linn was the only county in which net immigration was greater than 10,000 in two decades (1950s, 1990s).

Comparing Change in Population, Births and Deaths, and Net Migration

Among the 54 counties with population increases in the 1990s, 30 had natural increase and net immigration; thus, they were gaining through both components of population change. One county (Winneshiek) noted natural increase and no net migration. Of the remaining 23 counties that gained population, 14 noted net immigrations that were more than sufficient to cancel natural decreases that occurred in them. The other nine had natural increases that were greater than net outmigrations so that their populations increased.

Of the 45 counties that declined in population from 1990 to 2000, 20 had natural decrease and net outmigration; in these instances, both components of population change were negative. Another 14 had natural increases but larger net outmigrations so that their populations dropped. The final 11 had net immigrations but their natural decreases were even greater so again population declines were noted.

In sum, nearly 1,275,000 more births than deaths were noted from 1940 to 2000 in Iowa. If no migration had occurred, then the population would have increased by that amount. But Iowa's population gained by only 388,000 across those 60 years, a number substantially below what the natural increase would suggest. Migration is the reason for the much smaller change in total population; during the last six decades, nearly 887,000 more people moved from Iowa than to it.



Births and Deaths in Incorporated Places and Unincorporated Areas in Iowa's Counties: 1990-2000

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In addition to reporting births and deaths for counties, the Iowa Department of Public Health lists them for incorporated places within counties and for the area outside the boundaries of such places. This section includes information for the years 1990 through 2000. Births are counted by the place of residence of the mother, which may not necessarily be the place in which the birth occurs. Similarly, deaths are reported by the place of residence of the deceased individual, although the death may have happened elsewhere.

Births and deaths are provided for each county as a whole, incorporated places within the county, and what is called the balance of the county in Table 1. Incorporated places are those officially recognized as such by the State of Iowa. The balance of the county includes two groups of residents—those living on farms and those living in unincorporated areas but not on farms; data are available only for the balance as a whole, however.

In 2000, births exceeded deaths (natural increase) in 51 of Iowa's 99 counties. Within each county, natural decrease (more deaths than births) was far more likely to occur in incorporated places than in the balance of a county's population. For example, only eight counties (Buena Vista, Clarke, Des Moines, Monona, Montgomery, Ringgold, Union, Wapello, Wright) had more deaths than births among the balance of the population, and these natural decreases never were as much as 20 that year. That's caused, at least in part, by a somewhat younger population living in areas defining the balance of the county, suggesting the possibility of more births. In addition, some farm residents or those living in unincorporated areas move to incorporated places late in life, which decreases potential deaths among residents living in the balance of the county.

Great variety occurs among incorporated places when births and deaths are compared. In some places, births outnumber deaths; in many others, there are more deaths than births. For some of these places, this is due in large part to the presence of facilities caring for older residents. It is evident that relatively great differences occur from one year to the next, especially in some of Iowa's smaller incorporated places.

Caution is urged in examining the figures for incorporated places. Several straddle the boundaries of two or more counties. When that occurs, the name of the place is followed by (part) in the table, which indicates that additional births and deaths for that place may be reported under one or more other counties.

Note: Comments on births and deaths across Iowa's 99 counties were included in the section of this volume entitled "Births, Deaths, and Natural Change in Iowa's Counties: 1940-2000". See an annual publication called VITAL STATISTICS OF IOWA for more detailed data on births and deaths for counties and for relatively large incorporated places (Iowa Department of Public Health, Lucas State Office Building, Des Moines, IA 50319).

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000.

County/Place/Balance	Births										Deaths											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Adair County	68	71	76	68	61	80	93	74	105	87	102	109	133	96	117	135	111	127	122	107	111	104
Adair (part)	7	10	6	8	10	12	9	11	3	12	10	14	6	7	6	10	11	12	10	10	8	13
Bridgewater	3	0	2	4	0	1	3	1	2	3	2	1	2	1	4	4	8	6	6	2	9	2
Casey (part)	0	0	0	1	0	1	0	0	0	0	2	0	0	0	1	0	1	0	1	0	1	0
Fontanelle	11	5	11	5	7	5	6	9	8	5	9	15	32	20	17	25	18	22	21	12	15	12
Greenfield	19	17	20	24	18	19	21	13	32	16	26	38	49	33	38	50	32	38	36	39	33	36
Orient	4	5	6	4	4	3	10	2	8	7	5	7	5	6	8	3	2	4	8	7	5	5
Stuart (part)	0	2	4	0	2	1	4	3	6	4	5	17	17	18	22	20	17	18	17	15	17	9
Balance of Adair County	24	32	27	22	20	38	40	35	46	40	43	17	22	11	21	22	23	26	24	21	24	27
Adams County	35	47	50	33	48	36	64	51	41	64	60	51	64	68	56	55	75	66	61	56	63	57
Carbon	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	2	0	1	0
Corning	12	21	26	18	23	19	30	21	11	18	23	32	37	45	34	32	51	36	43	34	40	33
Lenox (part)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nodaway	0	3	2	1	4	1	1	1	1	5	2	1	4	2	0	1	3	2	0	1	2	0
Prescott	3	1	4	3	1	0	7	5	0	9	2	0	7	3	3	3	3	5	3	0	4	3
Balance of Adams County	20	22	18	11	20	16	26	24	29	32	32	18	15	17	19	18	18	22	13	21	16	21
Allamakee County	158	186	172	165	173	157	158	176	199	174	177	172	157	191	155	165	167	167	171	179	165	198
Harpers Ferry	4	3	3	4	5	8	7	10	6	3	7	6	3	5	1	3	5	3	1	4	7	5
Lansing	16	13	14	13	22	25	17	16	26	9	30	26	16	24	31	25	21	22	29	27	13	22
New Albin	5	13	13	11	9	13	9	11	14	11	8	6	2	5	6	7	8	6	9	5	7	10
Postville (part)	41	46	31	28	28	12	18	24	16	15	12	28	32	35	22	27	25	27	32	26	23	38
Waterville	2	3	2	0	4	3	5	3	7	1	2	2	0	0	4	2	4	1	4	0	1	0
Waukon	42	51	48	46	54	55	57	62	62	41	62	76	75	93	65	75	71	71	67	74	80	85
Balance of Allamakee County	48	57	61	46	51	41	45	50	62	68	94	28	29	29	26	26	33	37	29	43	34	38
Appanoose County	142	158	153	141	168	147	152	164	174	170	166	174	185	157	186	194	190	189	200	173	197	179
Centerville	66	85	52	68	84	73	72	78	87	91	86	91	91	84	97	106	103	102	112	83	100	83
Cincinnati	4	5	3	3	7	6	3	5	10	3	6	8	4	2	5	5	4	4	3	2	2	2
Exline	5	2	2	2	0	1	3	2	1	2	2	1	1	3	2	3	1	1	1	2	1	2
Moravia	6	3	9	7	9	5	6	4	5	7	2	9	11	8	13	6	9	8	10	5	12	9
Moulton	4	9	10	7	6	11	9	7	6	3	5	8	8	11	10	11	15	15	12	9	13	13
Mystic	7	5	6	6	6	2	8	12	8	9	6	10	1	7	6	5	8	8	4	5	8	6
Numa	0	0	1	0	0	1	2	2	0	2	4	2	3	1	0	1	4	0	2	2	0	1
Piano	2	0	1	0	1	0	0	1	1	0	1	0	1	0	2	0	1	1	0	0	0	0
Rathbun	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2	0	1	1	0
Udell	2	0	1	0	0	0	2	1	0	0	2	0	0	0	1	0	0	0	0	0	3	1
Unionville	2	0	3	0	1	1	1	0	3	1	2	0	3	0	3	0	2	0	1	1	3	0
Balance of Appanoose County	44	49	65	47	54	47	48	51	52	53	50	44	61	41	47	54	43	48	53	62	54	62
Audubon County	47	68	72	82	63	75	88	72	70	76	91	111	80	90	64	100	98	109	107	118	98	88
Audubon	14	21	26	33	19	24	24	34	22	36	27	58	40	43	25	56	50	61	61	52	46	46
Brayton	0	1	3	1	1	2	2	0	2	0	3	0	1	0	3	0	2	2	3	4	3	1
Exira	6	6	8	5	9	7	11	8	3	3	10	36	22	30	20	27	28	27	15	37	19	19
Gray	1	3	1	1	2	1	0	1	0	1	1	1	1	1	0	0	1	2	1	0	0	2
Kimballton	3	0	3	2	4	1	5	4	3	4	3	5	7	3	2	6	6	5	9	7	11	3
Balance of Audubon County	23	37	31	40	29	39	45	26	39	33	47	11	9	13	13	11	12	13	17	17	19	17
Benton County	325	265	325	281	264	298	292	308	304	336	318	229	214	214	229	207	210	201	207	207	222	197
Atkins	22	20	11	14	17	12	15	16	9	11	10	7	3	8	4	3	2	3	1	6	4	7
Belle Plaine	30	26	33	30	31	31	36	32	40	43	48	53	34	36	47	48	43	35	39	37	47	37
Blairstown	9	4	10	4	6	11	14	15	7	13	6	16	7	4	12	2	7	8	7	8	4	10
Garrison	1	7	7	5	4	8	4	5	7	11	1	3	2	1	3	2	3	1	5	3	4	5
Keystone	10	5	12	3	2	6	7	5	3	2	4	17	15	18	16	23	17	21	13	20	13	11
Luzerne	3	0	8	0	2	2	5	1	1	2	0	0	0	3	0	0	1	0	1	1	2	1
Mount Auburn	2	0	1	2	3	1	2	0	4	3	1	1	0	1	3	5	3	1	1	2	1	1
Newhall	8	8	6	14	7	15	8	13	11	16	14	14	11	6	10	9	7	4	6	9	6	4
Norway	5	8	8	5	9	15	12	8	10	6	13	3	6	0	6	3	2	5	4	4	3	4
Shellsburg	17	14	12	15	15	13	14	15	16	12	16	8	9	6	5	8	7	4	7	7	8	6
Urbana	29	17	12	15	13	8	8	9	11	5	5	7	6	5	7	4	2	4	3	7	4	4
Van Horne	11	7	12	5	6	8	9	9	7	8	9	3	4	4	6	2	4	2	7	7	5	4
Vinton	58	64	81	70	54	75	59	71	64	77	71	63	75	88	72	76	70	69	71	87	67	67
Walford (part)	27	13	19	18	11	8	11	11	5	6	4	3	1	2	1	2	2	4	0	0	0	0
Balance of Benton County	93	72	93	81	84	85	88	98	109	121	116	31	41	32	37	25	32	41	39	30	30	36

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

County/Place/Balance	Births											Deaths										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Clayton County (continued)																						
Millville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monona	14	18	17	20	19	16	19	24	18	18	17	22	21	26	26	23	24	16	18	18	23	16
North Buena Vista	0	2	0	2	1	1	2	1	0	0	1	0	1	2	2	0	0	2	0	2	0	2
Osterdock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postville (part)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Olaf	2	1	4	3	1	2	2	0	0	1	2	0	5	3	1	3	4	2	0	1	2	1
Strawberry Point	15	21	17	11	16	15	12	17	9	16	19	34	37	43	30	30	30	27	22	30	36	23
Volga	4	3	1	4	2	7	3	2	4	4	1	1	3	4	1	0	4	1	4	3	4	4
Balance of Clayton County	86	83	84	83	57	76	96	110	102	130	110	45	48	61	40	52	46	56	43	39	52	42
Clinton County																						
Andover	591	629	677	629	602	657	645	680	680	685	685	512	574	531	575	565	545	531	548	518	540	559
Calamus	0	1	1	1	0	1	2	1	0	1	1	0	0	1	4	0	1	0	0	1	0	5
Camanche	1	2	1	1	6	2	7	5	5	3	5	3	3	1	3	5	8	3	5	6	8	6
Charlotte	42	44	47	33	37	45	44	32	44	51	50	26	52	25	30	34	30	32	39	28	37	22
Clinton	8	6	10	7	5	6	8	6	6	4	8	3	1	1	2	6	7	5	4	3	9	9
Delmar	349	360	403	376	365	401	377	431	429	422	422	332	380	332	377	383	344	349	344	320	346	371
De Witt	6	5	3	6	4	7	6	6	6	11	4	4	5	9	3	5	2	3	6	6	5	0
Goose Lake	28	25	51	35	50	57	57	52	57	60	61	57	57	65	68	57	54	51	53	49	52	50
Grand Mound	5	4	4	4	3	3	6	1	1	2	3	1	2	2	1	2	2	2	2	4	4	4
Lost Nation	3	1	9	3	10	9	10	10	3	9	10	3	4	6	6	6	6	7	12	7	8	8
Low Moor	7	5	4	7	6	7	2	6	3	0	4	6	8	9	8	5	3	8	10	5	4	8
Toronto	3	8	3	5	2	2	3	4	4	5	1	3	2	1	1	3	5	4	3	4	2	2
Welton	1	0	2	0	1	1	1	2	2	0	0	2	1	0	0	1	2	2	3	1	2	2
Wheatland	2	2	7	2	4	2	0	2	2	3	3	0	3	1	1	0	1	0	1	2	2	2
Balance of Clinton County	1	6	5	5	6	5	9	10	13	7	5	23	16	24	21	12	19	16	12	21	19	8
	135	160	127	144	103	109	113	112	105	107	108	49	40	54	51	55	65	43	59	55	48	62
Crawford County																						
Arion	189	205	193	211	232	178	176	208	196	205	228	172	181	163	178	181	152	172	179	171	155	170
Aspinwall	3	5	1	2	5	2	2	1	0	0	1	2	1	0	0	2	0	2	0	3	0	0
Buck Grove	1	0	1	0	1	0	1	0	0	0	0	0	2	1	0	1	0	2	1	0	1	1
Charter Oak	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Deloit	10	6	3	4	10	6	5	13	11	5	2	3	7	10	8	5	7	9	6	7	8	9
Denison	1	1	3	3	3	3	5	1	6	4	3	0	4	2	3	4	2	0	3	5	2	1
Dow City	103	100	85	97	99	79	70	90	86	79	77	96	103	90	90	93	77	88	90	83	77	80
Kiron	4	5	4	5	7	7	8	3	3	6	8	4	5	3	8	3	6	11	5	6	4	6
Manilla	2	4	2	5	5	3	7	4	1	6	3	1	3	4	5	4	2	1	3	3	3	4
Ricketts	11	13	12	15	10	5	6	9	8	7	15	25	18	21	18	18	29	17	25	17	14	24
Schleswig	1	1	1	2	2	0	1	0	1	1	1	2	0	1	2	2	0	1	3	2	0	0
Vail	4	10	11	15	8	7	6	5	5	5	6	13	15	4	6	7	4	8	6	17	6	14
Westside	5	6	12	5	8	5	3	9	8	8	4	4	0	3	8	3	3	7	4	6	3	4
Balance of Crawford County	5	2	4	3	6	9	6	5	4	2	6	3	3	3	3	1	2	3	1	5	6	6
	39	52	54	55	68	50	57	67	64	82	102	18	20	22	27	36	19	27	29	22	28	21
Dallas County																						
Adel	566	504	527	482	501	477	440	425	422	426	409	302	341	299	317	301	300	295	274	273	278	287
Bouton	48	58	41	46	47	44	40	47	38	56	42	37	43	35	39	33	34	36	33	36	36	36
Clive (part)	2	2	2	3	3	0	2	2	1	3	0	0	0	2	1	0	0	3	1	1	3	2
Dallas Center	1	4	7	8	16	7	9	3	0	0	0	1	2	0	0	1	0	0	0	0	0	0
Dawson	21	17	27	14	19	20	32	19	25	26	25	15	18	22	26	19	17	15	15	19	17	21
De Soto	0	5	2	3	1	5	3	3	3	6	6	2	3	0	4	3	2	0	1	0	1	3
Dexter	17	16	17	25	23	15	16	11	20	17	12	5	4	1	6	5	8	4	6	3	3	5
Granger	12	13	15	9	15	8	8	11	9	14	7	7	6	1	8	8	10	6	3	5	5	10
Grimes (part)	3	15	11	6	2	13	13	11	9	10	11	17	27	19	20	28	16	18	16	17	15	15
Linden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minburn	0	2	4	2	4	5	0	3	4	4	0	1	1	3	4	5	2	3	4	4	2	2
Perry	3	6	5	5	8	4	5	8	8	8	2	3	3	6	3	2	2	6	3	3	4	5
Redfield	149	114	124	136	124	114	99	108	86	85	98	102	129	104	95	106	107	120	104	91	97	115
Urbandale (part)	11	4	15	8	18	12	13	10	17	12	14	9	8	9	7	4	6	15	5	9	6	5
Van Meter	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Waukee	10	12	11	12	15	8	10	19	13	9	10	6	2	6	2	5	9	4	5	3	3	1
West Des Moines (part)	131	100	86	68	59	73	58	53	43	39	37	21	19	21	17	19	16	10	18	19	10	7
Woodward	6	1	11	1	7	8	21	6	0	0	0	0	4	1	1	1	1	0	0	0	0	0
Balance of Dallas County	13	16	21	13	15	14	22	18	15	16	16	19	18	18	26	21	31	19	15	19	24	11
	138	119	128	124	125	124	91	93	130	123	126	56	53	51	58	42	38	35	45	44	52	49

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

County/Place/Balance	Births											Deaths										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Hardin County																						
Ackley (part)	18	28	19	18	16	16	24	16	15	14	12	42	33	43	44	25	36	38	30	47	37	31
Alden	12	11	6	12	9	19	12	13	19	9	14	14	3	10	3	4	10	7	6	12	9	12
Buckeye	0	1	2	4	0	0	0	0	1	0	0	0	3	0	2	1	1	1	0	0	0	0
Eldora	31	39	37	28	29	35	35	35	28	31	19	47	42	51	50	60	38	61	56	55	54	52
Hubbard	10	8	7	8	7	11	14	6	7	12	9	23	26	24	9	5	7	5	12	6	9	10
Iowa Falls	62	55	51	55	67	78	53	59	47	63	59	109	94	105	82	95	83	78	81	95	75	70
New Providence	0	4	3	3	4	3	6	1	3	4	2	1	1	1	4	0	2	3	4	3	2	3
Owasa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Radcliffe	6	11	8	6	11	5	5	5	3	7	4	2	4	8	9	5	4	5	12	3	7	2
Steamboat Rock	3	5	2	4	4	6	5	2	2	2	4	5	1	5	4	6	7	5	2	4	4	6
Union	9	4	6	5	6	3	9	9	3	7	5	4	1	2	3	3	7	4	6	9	10	14
Whitten	0	0	0	2	2	4	1	1	2	5	2	3	0	1	0	1	1	1	4	2	1	1
Balance of Hardin County	57	69	65	44	61	64	54	57	62	55	83	27	36	44	37	34	29	36	29	31	31	36
Harrison County																						
Dunlap	14	10	14	14	6	6	13	13	11	18	15	25	20	35	20	35	24	20	27	27	16	29
Little Sioux	2	4	2	4	3	3	3	4	3	3	5	1	5	3	2	3	6	6	1	2	2	1
Logan	22	16	18	16	22	16	12	18	15	18	18	19	36	28	29	34	39	27	38	33	34	26
Magnolia	0	1	1	0	3	2	0	2	2	3	1	4	2	2	1	2	1	2	1	2	0	0
Missouri Valley	60	48	41	48	40	42	36	40	50	44	42	53	73	51	47	51	39	44	70	45	52	50
Modale	1	5	8	3	6	2	6	2	5	1	4	2	4	5	1	7	4	3	4	2	3	1
Mondamin	8	4	7	10	5	4	5	2	4	5	4	4	3	7	7	3	2	5	3	4	6	3
Persia	3	9	5	2	8	5	4	4	1	2	0	3	4	1	3	6	0	1	3	5	3	5
Pisgah	4	2	0	3	2	4	5	5	5	6	3	5	3	1	5	4	6	4	6	6	5	4
Woodbine	17	23	16	20	17	17	18	19	23	23	15	29	35	29	16	37	29	28	33	45	29	29
Balance of Harrison County	62	57	54	59	61	73	73	70	81	78	80	28	34	47	42	46	38	41	43	30	50	50
Henry County																						
Coppock (part)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hillsboro	4	1	2	3	7	3	4	1	2	1	2	1	1	3	0	3	2	1	3	0	2	2
Mount Pleasant	110	111	114	98	98	114	125	103	112	89	105	105	90	81	92	86	90	92	101	96	95	80
Mount Union	5	6	2	0	6	2	4	7	2	3	1	2	0	0	2	0	1	2	1	1	0	0
New London	30	26	29	35	19	33	25	38	24	24	37	17	30	20	28	24	29	23	33	26	26	13
Olds	7	3	6	1	5	2	4	3	6	2	6	2	3	4	3	3	2	2	1	1	5	0
Rome	2	0	2	1	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1
Salem	8	9	4	5	7	2	11	7	7	7	6	5	4	7	7	6	4	8	7	3	4	3
Wayland	21	7	7	8	7	10	8	10	8	11	7	23	20	15	17	18	12	18	16	12	20	14
Westwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Winfield	10	17	17	21	5	20	8	14	17	15	15	19	25	18	10	15	23	22	26	25	21	25
Balance of Henry County	67	66	67	69	50	84	59	64	78	85	86	30	41	35	37	32	36	29	45	35	42	31
Howard County																						
Chester	1	1	1	1	2	0	1	0	0	0	0	134	136	146	139	123	133	132	125	122	118	124
Cresco	54	55	48	57	42	46	42	56	45	53	52	72	79	62	72	62	60	71	55	67	59	66
Elma	7	3	5	8	5	7	2	7	10	3	6	19	12	21	8	11	20	15	17	9	12	13
Lime Springs	3	10	5	4	3	9	3	4	8	6	2	5	11	13	11	8	8	12	4	6	7	4
Protivin	0	1	3	1	2	2	3	4	4	2	2	5	7	5	8	9	6	8	8	7	5	6
Riceville (part)	3	4	1	0	2	4	3	6	4	3	4	3	1	4	9	3	5	1	1	6	7	7
Balance of Howard County	42	43	49	53	37	50	43	36	55	45	69	26	23	37	31	26	31	22	40	26	27	26
Humboldt County																						
Bode	4	5	3	8	4	2	8	2	6	4	2	1	6	2	6	5	6	5	7	5	4	5
Bradgate	1	1	0	1	0	1	1	0	1	0	1	1	2	2	3	0	1	0	1	3	0	2
Dakota City	9	10	13	13	12	3	10	13	8	11	10	3	4	5	7	10	10	9	4	7	9	11
Gilmore City (part)	7	6	1	5	7	2	2	6	3	1	3	5	2	4	5	6	1	4	2	1	4	5
Hardy	0	1	1	0	2	0	0	1	0	1	0	1	0	1	1	1	1	1	2	0	1	1
Humboldt	44	54	38	48	45	51	50	40	33	34	44	83	81	76	62	82	79	69	96	75	74	81
Livermore	2	3	2	4	4	2	7	4	2	5	3	5	4	7	5	6	7	9	5	11	6	4
Lu Verne (part)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0
Ottosen	0	2	1	1	0	1	0	1	0	2	4	1	0	1	1	0	1	2	1	0	1	0
Pioneer	0	0	0	1	0	1	1	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0
Renwick	2	3	2	2	1	4	8	4	3	2	2	4	7	1	5	4	6	3	5	4	4	5
Rutland	2	1	2	2	0	2	0	0	0	1	1	0	1	0	2	0	1	1	3	0	0	3
Thor	3	2	2	2	1	4	2	3	3	7	7	1	3	0	2	2	1	2	0	5	4	1
Balance of Humboldt County	25	42	42	41	34	37	33	32	40	38	35	13	15	12	16	13	15	9	14	29	23	17

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

County/Place/Balance	Births										Deaths											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Monona County (continued)																						
Soldier	1	4	6	2	1	2	4	3	4	3	0	6	6	0	1	3	3	2	1	5	4	6
Turin	1	1	0	0	1	1	1	0	1	0	1	2	1	1	3	0	0	1	1	0	1	0
Ute	2	3	3	4	1	4	3	0	8	2	4	8	10	13	11	4	6	8	5	8	5	9
Whiting	15	6	4	8	16	9	12	5	12	7	14	30	21	24	23	26	25	21	30	29	23	19
Balance of Monona County	22	32	26	34	31	42	52	52	60	43	52	25	27	29	20	36	21	24	29	33	31	30
Monroe County																						
Albia	102	100	77	95	97	89	87	119	98	111	116	109	93	95	99	99	111	115	96	118	109	105
Eddyville (part)	61	48	36	55	53	47	46	57	50	60	64	74	63	66	63	71	80	80	66	83	70	80
Lovilia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Melrose	9	12	9	5	5	5	8	10	11	9	9	3	1	7	7	6	9	8	6	11	8	2
Balance of Monroe County	2	2	0	2	1	1	1	1	2	1	1	2	0	0	2	2	1	1	3	1	4	4
30	38	32	33	38	36	32	51	36	40	42	30	29	22	27	20	20	26	23	21	30	18	
Montgomery County																						
Coburg	139	146	152	112	160	161	160	141	165	138	158	168	156	177	177	197	190	145	183	156	176	181
Elliott	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grant	9	7	6	3	3	7	4	5	6	1	7	5	4	7	1	3	8	4	4	4	9	8
Red Oak	1	1	1	2	0	1	0	1	1	2	2	3	1	2	2	3	1	3	1	2	2	1
Stanton	82	88	95	65	100	98	96	83	100	88	78	93	89	113	106	109	95	104	91	101	101	109
Villisca	10	7	6	5	6	10	6	1	8	5	4	19	12	14	12	30	16	8	18	14	11	13
Balance of Montgomery County	20	22	16	17	15	15	16	20	16	11	16	27	30	26	34	29	40	19	35	28	33	29
17	21	28	20	36	30	38	31	34	31	51	21	20	15	22	26	16	16	21	17	20	21	
Muscatine County																						
Atalissa	638	619	614	570	591	629	626	642	656	676	665	351	387	377	358	329	368	414	380	375	391	357
Conesville	7	4	10	5	5	6	5	3	3	4	7	1	5	1	0	2	4	7	3	5	2	4
Durant (part)	9	8	7	15	11	14	8	7	9	18	9	0	3	3	1	2	1	2	3	1	4	3
Fruitland	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscatine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nichols	367	369	360	322	373	395	405	393	398	413	421	212	227	221	237	205	237	283	252	235	255	224
Stockton	6	7	6	12	7	10	4	6	2	4	4	0	1	2	4	1	2	3	3	2	2	3
Walcott (part)	2	5	2	4	4	6	1	6	4	3	5	1	1	0	1	5	1	2	1	2	2	1
West Liberty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilton (part)	67	60	61	51	50	54	54	54	64	60	41	32	39	31	35	28	42	29	43	25	31	31
Balance of Muscatine County	30	35	41	23	39	30	33	37	50	37	33	24	23	23	15	20	27	19	13	26	19	24
150	131	127	138	102	114	115	135	125	137	145	81	88	96	65	66	55	70	62	78	76	67	
O'Brien County																						
Archer	187	180	160	192	190	200	174	191	199	176	184	198	176	188	181	198	194	204	184	192	205	190
Calumet	3	0	5	1	1	1	1	1	0	1	0	3	3	0	1	3	1	1	1	4	1	1
Hartley	2	2	3	2	2	3	5	1	3	1	2	4	1	1	1	3	3	2	6	6	6	2
Moneta	26	19	16	19	21	22	13	16	25	15	20	38	27	32	31	25	30	31	25	33	26	25
Paullina	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0
Primghar	9	14	8	8	12	10	8	12	10	9	6	20	18	20	26	20	19	25	20	25	25	20
Sanborn	10	6	6	11	14	9	11	9	12	11	14	12	19	23	17	20	18	19	14	7	17	19
Sheldon (part)	20	11	18	14	13	16	17	16	19	11	9	29	25	23	29	35	31	24	18	21	23	29
Sutherland	67	80	59	75	71	72	65	71	57	51	59	56	51	55	52	60	61	53	63	62	59	61
Balance of O'Brien County	7	8	12	14	7	8	7	13	13	6	7	17	16	18	9	15	13	17	18	19	24	15
43	40	33	48	49	59	47	52	60	70	67	19	15	16	15	19	18	31	23	14	24	18	
Osceola County																						
Ashton	73	73	76	80	79	90	70	81	86	107	94	77	81	89	79	91	93	90	72	77	88	66
Harris	5	6	6	7	8	10	3	7	11	6	8	7	2	6	8	4	10	6	5	3	10	6
Melvin	3	2	2	3	2	3	6	2	1	2	2	0	0	3	2	5	1	2	1	4	4	1
Ocheyedan	2	1	2	1	1	3	2	2	0	4	2	3	4	3	3	5	8	6	3	0	7	1
Sibley	8	7	7	8	4	10	8	8	7	6	8	2	4	5	2	4	9	6	5	9	5	8
Balance of Osceola County	34	37	28	36	36	30	23	29	32	31	27	44	53	63	48	58	54	58	42	43	45	40
21	20	31	25	28	35	31	29	34	59	47	21	18	9	16	15	11	12	16	18	17	10	
Page County																						
Blanchard	169	196	190	171	191	174	181	164	166	179	200	198	254	229	253	212	256	215	211	224	236	230
Braddyville	0	1	3	0	0	1	0	0	1	1	1	1	2	1	1	1	1	1	1	1	0	0
Clarinda	2	3	3	3	2	2	4	1	1	3	3	1	2	2	6	6	3	6	2	2	3	3
Coin	51	70	62	58	53	57	52	50	53	45	53	76	94	89	100	77	96	77	83	82	100	75
College Springs	3	4	3	3	6	2	2	3	3	10	2	2	2	2	5	2	3	4	2	3	0	5
Essex	1	1	4	3	3	3	1	2	0	2	0	1	2	2	0	1	1	2	4	1	3	3
Hepburn	12	16	13	8	20	11	7	6	9	5	13	5	12	6	7	3	6	8	8	10	7	15
Northboro	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Shambaugh	1	1	2	1	1	1	0	1	0	1	0	1	0	0	0	1	2	0	1	0	1	1
Shenandoah (part)	6	3	1	2	3	1	4	4	2	3	1	3	3	0	1	5	2	1	1	2	1	1
Yorktown	0	3	1	2	3	1	4	4	2	3	1	0	0	0	1	1	5	2	1	1	2	1
Balance of Page County	66	65	73	56	69	61	74	64	57	55	68	78	93	102	102	89	113	94	87	92	92	85
0	1	0	0	0	2	3	1	2	2	1	1	1	0	0	1	1	0	0	1	1	1	1
33	31	26	37	34	34	35	29	39	54	58	28	44	25	30	30	25	21	22	31	27	41	

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

County/Place/Balance	Births											Deaths										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Palo Alto County	110	104	107	122	98	95	107	109	112	111	95	124	146	147	140	146	131	141	153	124	144	140
Ayrshire	3	2	2	5	2	3	1	3	4	1	2	1	4	1	5	3	4	4	2	8	0	5
Curlew	0	2	0	2	0	1	1	1	1	2	0	3	2	0	1	0	1	3	0	0	1	0
Cylinder	2	1	1	2	3	0	1	0	0	0	1	0	2	2	1	3	2	0	2	0	3	0
Emmetsburg	48	43	33	45	32	38	31	33	31	37	32	58	76	67	54	73	52	60	77	41	56	58
Graettinger	10	8	14	14	12	6	9	8	11	7	8	10	8	9	16	12	21	16	9	12	20	14
Mallard	0	2	1	9	1	2	1	3	2	5	3	3	5	5	1	4	4	7	3	4	10	10
Rodman	0	0	0	0	0	0	0	0	0	2	3	0	0	0	1	0	0	0	1	2	1	1
Ruthven	8	11	12	5	2	7	6	10	10	6	5	18	16	14	14	10	14	17	21	12	14	14
West Bend (part)	14	8	6	6	13	11	6	7	9	8	8	13	13	23	19	17	14	15	16	21	22	14
Balance of Palo Alto County	25	27	38	34	33	27	51	44	44	43	33	18	20	26	28	24	19	22	22	16	25	24
Plymouth County	309	289	306	328	312	316	311	307	317	296	346	273	249	241	248	241	243	213	224	244	225	235
Akron	15	19	25	15	16	12	15	14	20	13	16	34	36	25	30	30	24	35	27	26	27	27
Brunsville	2	1	0	0	2	1	1	3	5	2	1	1	1	1	0	1	2	0	1	2	0	2
Craig	3	1	1	1	2	0	0	1	0	1	1	1	1	3	2	1	0	1	1	1	1	0
Hinton	14	8	11	12	8	6	3	9	6	7	7	4	4	6	6	3	8	4	2	3	5	4
Kingsley	20	18	13	23	9	15	12	8	17	5	13	26	19	29	24	20	15	20	24	22	24	12
Le Mars	137	119	131	139	127	138	120	124	131	117	114	117	101	99	119	118	93	93	102	97	113	113
Merrill	7	11	10	10	18	8	18	12	10	9	18	5	7	3	2	5	7	3	5	4	8	3
Oyens	1	1	6	1	0	2	1	2	1	1	2	0	0	0	2	4	2	1	1	0	1	1
Remsen	18	23	20	23	21	20	28	25	23	19	22	44	37	31	29	24	25	24	32	37	18	16
Struble	1	2	0	1	3	1	0	3	0	1	1	2	0	0	1	0	1	0	1	0	0	0
Westfield	1	3	1	4	2	2	4	2	1	2	3	3	0	1	3	3	3	0	4	1	4	4
Balance of Plymouth County	90	83	88	99	104	111	109	104	103	119	148	36	43	43	30	32	48	39	30	41	44	53
Pocahontas County	73	82	71	77	68	66	84	88	99	104	124	105	103	109	129	120	108	135	119	127	132	121
Fonda	8	6	12	5	1	3	6	8	11	11	11	15	17	12	20	20	15	14	17	16	17	15
Gilmore City (part)	2	1	1	0	0	1	6	4	2	2	3	1	5	1	2	0	1	3	4	2	3	2
Havelock	3	2	3	1	3	1	4	0	1	3	3	1	1	4	2	4	2	2	2	5	1	2
Laurens	14	10	12	19	17	16	13	20	21	20	20	15	21	22	24	26	24	30	23	23	27	20
Palmer	3	1	4	2	2	0	3	4	1	0	2	2	3	2	1	2	3	5	6	4	4	3
Plover	1	2	0	1	2	1	0	2	1	2	1	1	0	1	1	2	0	0	1	0	2	4
Pocahontas	15	19	18	16	16	15	21	19	11	17	20	37	37	41	41	44	45	34	47	39	41	41
Rolfe	9	10	3	4	4	5	6	3	6	7	6	16	9	8	11	13	10	14	14	14	18	16
Varina	0	3	2	1	0	1	3	1	0	4	3	3	0	1	1	0	1	3	2	2	1	1
Balance of Pocahontas County	18	28	16	28	23	23	22	27	45	38	55	14	10	21	26	11	9	21	15	14	19	17
Polk County	6216	5954	5898	5685	5782	5455	5458	5460	5560	5494	5367	2770	2741	2856	2704	2738	2684	2605	2617	2466	2614	2539
Alleman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altoona	168	159	166	145	115	122	118	125	109	114	127	66	53	56	55	57	76	69	52	41	48	55
Ankeny	500	458	432	383	381	390	369	356	326	303	314	125	118	116	94	102	85	86	70	81	87	58
Bondurant	39	24	37	30	26	22	37	27	32	28	30	11	3	13	11	8	7	3	7	8	5	10
Carlisle (part)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clive (part)	203	179	190	145	151	80	106	93	101	61	45	31	42	33	21	18	18	14	21	17	13	10
Des Moines	3495	3407	3391	3404	3529	3477	3449	3528	3712	3715	3695	1780	1792	1894	1834	1892	1906	1827	1864	1778	1846	1834
Elkhart	11	4	7	5	2	11	8	10	10	6	8	4	5	2	1	5	5	3	3	2	2	3
Grimes (part)	84	115	104	95	91	83	88	92	64	53	50	13	14	18	14	12	20	11	15	12	8	14
Johnston	108	108	76	86	67	51	61	55	56	60	49	73	61	83	65	80	57	60	54	50	62	42
Mitchellville (part)	22	18	27	29	13	18	23	19	18	27	21	28	22	26	34	24	20	22	14	27	20	20
Pleasant Hill	80	79	64	87	76	52	56	34	38	26	29	31	26	33	20	28	20	27	20	19	22	28
Polk City	45	37	31	35	32	47	38	35	38	34	35	21	19	26	25	22	17	18	20	12	25	23
Runnells	9	5	11	8	11	13	5	12	8	14	12	5	7	11	6	2	9	3	7	5	7	2
Sheldahl (part)	0	0	0	0	1	1	1	3	0	1	0	1	0	1	2	2	1	2	2	3	2	4
Urbandale (part)	385	377	384	351	341	259	308	302	311	279	262	164	182	134	140	134	133	125	109	99	103	88
West Des Moines (part)	776	712	687	569	601	585	548	503	477	482	425	236	265	260	241	247	206	217	235	198	219	217
Windsor Heights	47	32	33	51	69	20	16	22	10	15	9	24	24	29	23	34	30	36	22	22	22	25
Balance of Polk County	244	240	258	262	276	224	227	244	250	276	256	157	108	121	118	71	74	84	94	105	116	106
Pottawattamie County	1184	1216	1160	1185	1102	1142	1156	1193	1261	1299	1361	806	818	853	805	759	757	790	769	731	754	746
Avoca	22	22	24	18	22	22	10	12	18	15	16	21	27	16	22	30	21	25	22	17	19	25
Carson	9	13	7	9	7	1	0	6	4	1	10	0	4	0	0	0	0	1	8	5	10	10
Carter Lake	37	44	39	47	42	46	61	53	56	49	43	28	25	34	37	30	32	31	28	23	28	29
Council Bluffs	925	916	861	873	845	857	857	898	928	962	986	600	606	626	571	552	568	586	561	534	551	546
Crescent	9	9	7	9	12	7	7	10	11	9	8	4	3	1	9	4	0	1	3	5	1	6
Hancock	3	2	2	1	2	1	3	3	2	1	1	1	5	5	1	2	1	1	3	4	0	2
Macedonia	3	5	4	2	1	1	2	2	1	6	3	1	4	3	5	3	4	5	8	4	2	5

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

County/Place/Balance	Births											Deaths									
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991
Pottawattamie County (continued)																					
McClelland	0	5	1	3	2	2	0	6	2	1	1	1	4	4	0	3	0	1	1	0	1
Minden	7	6	12	7	3	8	4	6	5	10	1	4	3	7	7	3	2	8	3	5	7
Neola	9	20	14	16	8	10	9	11	11	8	11	8	4	8	9	3	7	6	4	3	6
Oakland	14	13	25	13	20	7	17	9	20	28	26	31	25	28	26	24	22	20	30	25	33
Shelby (part)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Treynor	10	7	9	7	7	14	11	11	7	13	10	4	2	3	8	10	8	11	5	3	6
Underwood	9	7	13	11	8	10	6	9	8	6	11	3	7	9	4	2	6	1	2	7	4
Walnut	5	13	8	8	4	3	7	4	4	7	12	9	7	8	10	8	6	10	8	16	10
Balance of Pottawattamie County	122	134	134	161	117	147	159	165	178	179	231	91	92	101	95	85	80	85	90	75	82
Poweshiek County																					
Barnes City (part)	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	0	0	0	0	0	0
Brooklyn	18	19	18	17	13	14	16	13	20	18	20	15	30	34	22	19	19	18	21	22	21
Deep River	4	3	5	4	4	3	2	3	2	3	2	6	1	4	2	4	2	3	3	5	2
Grinnell	102	82	92	96	87	101	104	95	90	109	100	115	126	130	109	120	114	100	93	105	96
Guernsey	2	1	2	0	1	1	1	0	3	1	0	1	0	4	3	0	0	3	1	1	0
Hartwick	1	1	1	2	1	2	1	1	1	1	2	2	1	1	1	1	1	0	1	0	2
Malcom	4	4	6	7	6	7	6	3	7	4	7	3	5	2	0	3	4	0	1	3	4
Montezuma	21	21	18	12	25	18	23	12	18	15	19	24	18	32	24	26	19	33	20	19	16
Searsboro	1	1	1	0	1	1	1	3	0	2	2	2	2	1	2	1	3	0	2	2	1
Victor (part)	0	2	1	0	0	2	0	2	3	4	0	1	1	0	1	2	1	2	1	1	1
Balance of Poweshiek County	59	42	51	54	56	66	57	73	71	78	74	39	42	39	38	37	35	43	40	46	26
Ringgold County																					
Beaconsfield	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0
Benton	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Clearfield (part)	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0
Delphos	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Diagonal	8	3	3	2	3	3	2	3	3	5	0	4	2	0	1	3	5	7	6	3	2
Elliston	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	1	0	1	0	0	3
Kellerton	6	6	1	2	5	8	4	3	7	0	2	1	5	6	2	1	2	5	2	3	0
Maloy	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	1
Mount Ayr	23	18	17	25	9	15	9	10	18	22	14	59	45	48	57	43	40	56	47	46	48
Redding	2	2	0	0	0	3	0	0	2	0	0	1	1	2	1	1	2	1	2	1	2
Shannon City (part)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Tingley	2	0	1	4	3	2	0	2	1	1	2	2	0	3	4	1	6	5	5	7	3
Balance of Ringgold County	27	38	25	29	22	23	15	19	26	24	25	31	25	11	20	22	15	18	11	15	16
Sac County																					
Auburn	3	5	1	8	5	2	5	6	5	5	3	7	7	7	7	1	3	6	5	4	5
Early	9	10	8	6	10	2	11	11	12	8	8	8	9	8	7	18	12	10	14	12	14
Lake View	9	12	8	13	13	11	7	13	11	10	14	21	20	31	26	27	11	36	25	22	15
Lytton	5	2	5	4	3	6	2	1	4	2	4	4	3	6	10	2	3	0	2	2	5
Nemaha	1	2	2	1	2	0	2	0	2	2	2	1	1	1	1	7	2	1	2	1	2
Odebolt	18	11	10	6	17	18	12	9	14	15	17	19	27	24	25	26	23	17	26	19	20
Sac City	26	19	17	25	26	28	26	27	20	20	22	41	51	47	42	43	51	31	43	47	32
Schaller	12	12	9	8	15	9	12	7	9	6	5	14	7	7	10	5	11	8	11	8	7
Wall Lake	10	12	13	12	7	16	9	15	10	9	7	24	18	14	19	18	15	29	23	18	15
Balance of Sac County	42	43	39	47	61	44	40	50	53	48	63	25	30	29	23	20	31	29	25	22	30
Scott County																					
Bettendorf	174	66	225	130	361	371	360	377	373	346	368	226	225	209	218	168	204	220	179	195	152
Blue Grass	7	2	10	14	20	27	24	24	23	29	26	8	14	9	10	11	19	15	8	18	11
Buffalo	9	1	9	5	16	8	13	24	14	18	25	7	9	17	12	8	8	10	12	3	5
Davenport	1652	1636	1634	1519	1604	1522	1578	1634	1711	1725	1686	880	964	915	886	838	933	900	919	887	843
Dixon	2	1	4	3	6	6	3	0	4	5	5	2	0	1	2	2	1	2	2	3	3
Donahue	0	0	2	3	4	4	7	4	7	2	2	5	2	2	2	3	4	2	0	6	3
Durant (part)	0	0	0	0	0	0	1	3	1	1	1	1	0	1	0	1	2	1	3	1	0
Eldridge	25	13	36	32	54	81	69	73	87	57	76	19	17	14	13	16	21	18	27	14	11
Le Claire	10	4	20	25	32	28	40	31	43	36	34	16	15	26	23	31	19	21	28	19	10
Long Grove	1	1	9	4	8	6	3	8	12	14	6	2	4	3	3	5	6	3	4	5	4
Maysville	0	0	0	0	0	1	0	2	1	1	0	0	0	0	0	0	0	1	0	0	0
McCausland	1	0	1	4	1	4	1	4	5	5	3	1	2	1	2	2	3	2	1	2	2
New Liberty	1	0	2	3	3	5	3	0	1	3	3	2	1	0	0	1	1	1	1	1	0
Panorama Park	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Princeton	1	0	8	6	10	10	8	13	12	15	12	3	2	3	8	7	9	8	8	3	5

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

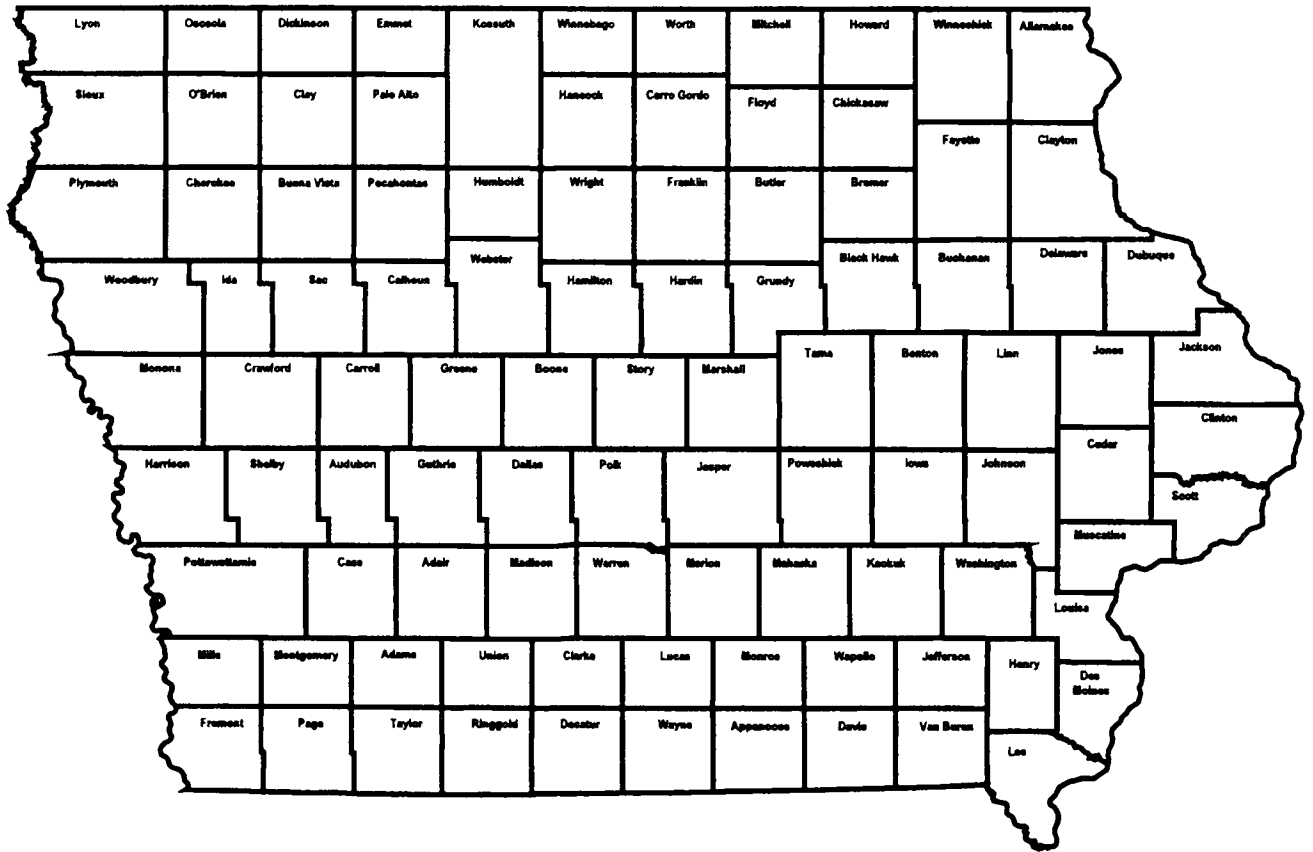
County/Place/Balance	Births											Deaths										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Scott County (continued)																						
Riverdale	0	0	0	1	0	3	2	1	2	4	2	3	3	2	3	1	1	3	3	2	1	3
Walcott (part)	8	3	11	2	15	22	16	24	24	16	28	7	6	5	4	9	16	14	8	14	10	11
Balance of Scott County	457	537	368	424	172	153	112	183	167	133	153	58	84	94	83	81	55	52	63	68	67	68
Shelby County	150	141	142	140	115	156	146	163	154	156	182	155	158	151	189	143	170	169	147	146	153	151
Defiance	8	2	5	5	3	1	4	2	6	2	4	6	1	1	4	1	4	5	1	1	5	2
Earling	6	2	8	3	4	4	7	10	2	7	4	18	19	20	16	16	6	22	20	10	15	11
Elk Horn	2	6	4	3	3	6	7	3	3	5	3	29	33	31	47	34	39	35	22	31	34	19
Harlan	55	61	52	60	41	64	62	70	55	57	67	68	62	60	82	56	82	68	63	66	63	80
Irwin	3	3	2	3	0	4	3	3	7	2	5	2	5	3	5	4	4	2	4	9	7	3
Kirkman	2	0	1	0	0	1	1	0	1	2	1	1	0	3	0	0	0	0	0	0	0	0
Panama	3	1	2	1	4	5	2	5	5	4	7	3	3	5	5	1	7	6	5	0	1	3
Portsmouth	6	1	8	2	3	1	4	2	1	1	2	2	3	3	1	1	1	1	2	0	2	1
Shelby (part)	6	9	5	10	10	9	7	6	8	5	8	2	3	5	5	6	4	7	8	6	6	8
Tennant	1	0	0	0	0	2	1	0	1	0	0	1	1	0	1	0	0	1	0	0	1	0
Westphalia	2	3	1	3	2	2	1	2	1	4	3	0	1	0	3	1	0	1	0	0	1	1
Balance of Shelby County	56	53	54	50	45	57	47	60	64	67	78	23	27	24	20	23	23	21	22	23	18	23
Sioux County	457	397	400	413	376	410	380	437	433	439	434	238	232	244	270	237	229	244	242	218	218	228
Alton	14	13	11	13	18	10	15	20	14	20	18	6	7	7	12	11	6	16	11	4	4	8
Boyden	6	7	8	7	5	8	6	8	17	8	14	6	6	6	5	4	8	5	6	3	6	5
Chatsworth	3	0	2	1	0	2	3	3	6	1	0	0	1	2	1	0	0	2	1	2	0	2
Granville	3	2	5	1	5	5	2	5	4	4	3	2	4	5	5	4	3	6	3	7	0	4
Hawarden	27	25	29	28	22	25	31	25	38	34	36	36	29	33	32	34	37	34	40	39	39	35
Hospers	6	7	13	13	6	16	3	8	9	11	10	10	6	6	14	12	6	5	14	5	11	9
Hull	38	40	38	30	44	30	28	31	28	28	25	26	27	23	27	20	18	23	29	16	14	23
Ireton	11	11	11	7	6	9	8	10	7	8	10	5	1	4	4	5	6	3	4	3	8	8
Matlock	1	2	2	2	1	1	2	3	2	0	2	0	0	2	3	0	0	1	1	0	1	0
Maurice	3	1	3	1	3	4	2	4	4	6	2	3	2	1	0	0	3	2	1	1	1	1
Orange City	76	56	61	66	48	60	61	63	59	69	51	38	35	46	54	53	42	40	38	41	30	35
Rock Valley	38	43	34	35	33	35	40	38	31	28	33	38	32	38	36	36	42	37	37	34	37	34
Sheldon (part)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sioux Center	92	85	61	72	57	62	61	64	69	62	64	50	43	39	40	41	41	42	42	36	35	29
Balance of Sioux County	139	105	122	137	128	143	119	155	148	155	165	18	39	32	37	17	17	28	16	26	37	35
Story County	940	885	860	846	904	856	844	785	878	900	927	473	451	450	452	418	425	389	420	412	453	415
Ames	554	502	492	501	520	513	514	469	492	518	531	216	196	211	191	165	180	167	175	171	198	179
Cambridge	11	19	14	18	7	14	7	14	14	14	9	1	4	3	7	7	7	2	9	4	4	4
Collins	11	12	7	10	7	9	0	0	1	4	2	0	0	0	1	0	0	0	2	2	0	0
Colo	11	14	9	5	13	8	16	6	13	14	15	12	11	15	12	8	7	8	13	10	5	12
Gilbert	11	16	15	16	12	10	13	13	13	15	10	2	5	2	2	3	6	1	4	3	7	4
Huxley	42	37	39	41	39	30	33	27	41	37	36	18	10	12	20	22	14	9	13	13	16	11
Kelley	4	4	5	6	6	3	7	4	9	7	2	3	2	1	1	0	2	1	2	2	3	4
Maxwell	8	19	14	10	17	9	5	14	17	9	12	3	8	5	8	11	7	7	12	7	13	7
McCallsburg	6	6	3	2	6	3	2	1	6	4	4	4	1	3	2	3	0	3	2	4	3	3
Nevada	106	89	84	66	90	82	77	75	82	94	93	80	59	77	65	58	56	63	49	65	69	62
Roland	30	20	15	21	24	17	14	20	14	26	19	8	4	6	7	12	12	8	6	6	9	8
Sheldahl (part)	4	1	2	4	2	5	2	3	3	1	0	2	1	1	2	0	0	0	1	0	1	1
Slater	17	22	21	17	18	15	24	14	18	13	26	8	14	6	9	14	13	8	13	9	5	8
Story City	30	35	42	31	30	41	30	28	36	34	25	56	77	46	70	63	66	53	57	56	60	47
Zearing	8	10	4	15	12	7	7	4	8	4	6	15	19	17	14	15	7	22	19	15	15	14
Balance of Story County	87	79	94	83	90	97	93	93	111	106	137	45	40	45	42	36	48	37	45	46	43	51
Tama County	251	240	222	248	230	236	236	225	226	213	215	220	211	200	195	223	219	229	222	170	216	226
Chelsea	7	7	6	3	10	5	7	7	8	4	4	3	3	2	5	1	0	1	6	2	10	3
Clutier	2	5	2	3	6	5	3	1	1	3	1	3	6	0	4	3	1	2	6	7	4	3
Dysart	17	17	18	14	14	12	12	17	5	11	14	25	24	20	25	25	33	26	20	21	32	29
Elberon	4	4	5	7	6	7	4	2	3	2	6	1	1	2	1	0	1	2	0	0	1	1
Garwin	7	5	4	5	2	6	3	5	7	6	6	8	13	7	2	7	7	7	13	5	7	5
Gladbrook	15	4	9	9	8	9	15	19	14	9	20	19	23	17	15	27	12	15	25	10	13	14
Lincoln	1	1	3	3	1	4	1	6	0	1	1	6	1	2	1	4	1	4	4	3	1	1
Montour	3	6	7	2	5	2	11	1	8	3	5	4	3	0	1	3	5	1	5	2	3	1
Tama	43	63	38	60	53	51	57	45	52	36	31	35	35	37	28	42	36	31	41	30	34	44
Toledo	29	30	31	38	34	43	28	29	31	23	28	37	35	26	24	27	40	40	37	39	37	39
Traer	17	14	16	19	13	19	25	11	18	12	10	24	24	38	36	24	35	35	28	23	28	31
Vining	1	3	2	2	0	1	1	2	1	0	0	0	2	1	0	1	0	0	0	1	1	1
Balance of Tama County	105	81	81	83	78	75	66	85	72	104	89	55	41	48	53	59	48	68	35	27	44	54

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

County/Place/Balance	Births										Deaths											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Washington County (continued)																						
Riverside	17	20	11	14	18	13	20	13	11	11	24	7	6	7	6	12	3	4	7	9	1	12
Washington	97	99	88	83	108	83	85	88	81	82	91	108	105	124	117	120	110	110	119	86	101	94
Wellman	13	14	14	14	14	13	7	17	9	14	14	25	25	27	31	27	19	29	28	31	42	24
West Chester	0	0	2	1	0	3	1	2	2	2	1	0	1	2	1	0	1	2	4	1	1	5
Balance of Washington County	101	122	114	92	121	145	97	97	106	106	118	35	32	22	31	31	36	39	29	40	46	28
Wayne County																						
Allerton	5	8	4	6	5	11	6	10	7	7	5	7	8	3	13	10	7	8	6	10	8	6
Clio	0	0	0	0	0	0	0	0	1	3	1	0	0	1	2	1	1	2	0	0	0	0
Corydon	21	10	5	16	28	18	21	13	13	17	19	40	32	51	51	43	36	45	42	38	43	39
Humeston	5	6	3	3	4	2	6	8	6	8	7	8	8	13	7	8	14	14	4	7	7	7
Lineville	4	4	4	4	3	3	2	1	2	3	3	7	5	5	6	5	5	2	5	4	5	5
Millerton	1	2	0	0	1	2	0	1	0	0	0	0	0	1	0	2	1	1	3	0	0	0
Promise City	0	1	1	1	1	1	3	1	2	5	0	5	4	1	2	4	0	1	0	2	1	2
Seymour	10	8	10	4	5	11	7	9	12	11	12	17	15	17	23	16	18	19	21	20	17	19
Balance of Wayne County	33	36	29	23	17	32	33	28	31	20	36	26	28	29	24	19	25	28	18	31	21	14
Webster County																						
Badger	492	498	513	520	496	498	525	534	566	563	597	499	490	454	492	492	490	489	483	482	489	451
Barnum	6	16	8	16	5	9	10	5	10	17	6	3	1	7	7	2	2	6	6	1	2	5
Callender	2	6	3	2	1	5	1	4	3	2	5	0	0	1	0	4	1	1	2	2	1	0
Clare	5	7	5	4	8	3	2	4	7	5	8	3	5	7	3	1	5	0	4	1	4	4
Dayton	1	3	2	5	3	2	2	2	2	1	2	1	6	0	2	0	2	1	2	1	0	2
Duncombe	8	11	7	14	9	12	18	11	13	10	14	21	26	8	18	17	15	18	8	21	21	15
Farnhamville (part)	9	7	12	4	5	5	9	5	5	3	9	4	3	4	2	4	3	5	3	6	3	3
Fort Dodge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gowrie	352	348	379	370	355	350	353	392	397	397	399	381	357	334	377	375	374	369	380	365	366	345
Harcourt	8	9	5	5	12	6	12	11	10	6	13	26	29	21	14	20	21	28	22	25	18	22
Lehigh	5	5	5	3	0	3	2	4	3	6	2	2	6	2	4	3	4	1	2	1	3	4
Moorland	4	7	5	3	6	4	4	3	4	2	6	11	4	6	6	4	5	7	3	1	6	4
Otho	3	6	2	3	2	3	1	2	3	2	1	1	3	1	5	3	1	0	3	1	2	2
Stratford (part)	5	9	6	13	6	12	9	5	15	10	10	4	5	6	5	3	3	5	5	6	5	8
Vincent	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	0	0	1	0	0
Balance of Webster County	2	3	2	3	4	2	1	2	1	0	7	0	0	0	1	1	6	3	1	0	1	0
Winnebago County																						
Buffalo Center	82	61	72	75	80	81	101	83	93	102	115	40	41	56	48	55	45	47	40	53	54	37
Forest City (part)	134	121	127	135	144	134	135	121	141	138	148	122	169	147	135	151	128	137	150	158	151	138
Lake Mills	10	8	9	9	11	10	6	5	7	3	8	19	28	25	27	29	26	25	27	23	29	21
Leland	42	49	49	54	53	55	52	37	63	42	56	31	54	40	44	50	40	45	38	32	34	34
Rake	25	20	22	17	28	18	20	33	25	19	18	40	43	38	22	39	29	36	36	46	50	35
Scarville	5	4	0	5	4	5	5	3	2	6	6	3	5	2	1	2	3	3	7	4	4	4
Thompson	3	5	4	1	4	0	2	0	2	3	0	1	7	8	4	5	2	1	4	6	5	5
Balance of Winnebago County	2	1	1	1	3	1	0	1	1	0	0	3	1	1	2	1	2	1	0	0	0	1
Winneshiek County																						
Decorah	9	9	4	8	12	8	5	6	5	4	6	3	10	6	6	4	5	5	2	7	4	8
Fort Atkinson	3	10	3	2	4	3	9	8	10	9	8	4	9	3	6	5	4	3	3	8	10	8
Jackson Junction	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0
Ossian	10	8	19	13	12	8	12	13	11	14	6	16	10	10	11	17	17	11	14	10	9	13
Ridgeway	4	5	9	3	7	8	9	8	4	8	8	1	3	6	3	2	6	3	2	2	0	2
Spillville	5	5	6	4	4	5	6	4	6	3	4	8	5	6	4	6	9	6	6	5	5	10
Balance of Winneshiek County	93	86	83	92	103	130	129	100	129	131	146	45	56	50	56	50	44	51	56	47	57	77
Woodbury County																						
Correctionsville	1692	1627	1664	1691	1699	1700	1651	1651	1665	1623	1631	939	919	984	962	935	1021	985	982	974	918	939
Lawton	6	5	11	4	6	6	10	2	5	10	10	11	15	14	7	15	12	21	10	14	16	15
Moville	2	4	4	4	4	2	9	5	3	1	1	2	1	1	2	5	3	0	4	4	5	4
Oto	15	12	13	9	8	15	11	12	17	7	10	21	10	23	20	15	16	15	23	13	13	16
Wellman	9	2	2	1	5	4	1	3	1	4	3	6	4	3	8	3	5	4	8	5	6	6
West Chester	8	3	5	6	6	8	6	5	3	4	9	2	9	8	7	8	10	8	2	4	5	6
Wellman	2	4	2	5	3	2	1	0	3	2	3	2	3	5	3	3	2	1	3	3	4	2
Wellman	10	13	10	6	7	8	11	8	8	7	5	6	5	6	7	4	6	1	4	5	8	2
Wellman	22	16	27	25	21	15	16	13	20	22	15	24	12	16	7	16	15	18	16	18	8	7
Wellman	1	3	1	0	3	8	2	3	1	3	4	2	1	3	3	4	3	1	2	2	1	5

Table 1. Births and Deaths in Incorporated Places and the Balance of the County in Iowa's Counties, 1990-2000 (continued).

County/Place/Balance	Births											Deaths										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Woodbury County (continued)																						
Pierson	8	9	6	9	2	1	3	5	1	5	4	5	0	10	5	4	3	1	6	3	6	3
Salix	6	6	7	2	5	5	9	5	7	7	2	4	3	6	2	1	7	3	3	5	2	4
Sergeant Bluff	52	58	54	32	32	39	28	29	41	31	42	22	21	16	17	23	27	35	25	23	21	23
Sioux City	1452	1400	1422	1485	1480	1475	1426	1459	1436	1403	1401	778	787	821	809	773	847	813	820	812	777	793
Sloan	9	12	11	13	16	15	10	9	6	7	10	7	5	6	4	10	11	7	8	5	2	8
Smithland	2	4	1	2	4	5	5	5	10	4	3	8	6	2	4	3	4	3	1	5	2	1
Balance of Woodbury County	88	76	88	88	97	92	103	88	103	106	109	39	37	44	57	48	52	53	51	50	43	44
Worth County	84	76	90	75	85	89	91	94	91	99	99	91	113	108	98	97	120	102	96	94	96	115
Fertile	2	8	3	1	4	5	4	7	5	6	5	3	2	6	4	1	6	5	3	0	3	6
Grafton	6	1	5	3	1	6	2	2	5	6	5	3	3	3	2	3	3	1	3	2	1	8
Hanlontown	2	2	9	3	6	3	8	5	4	2	3	0	0	4	1	2	3	3	2	5	2	2
Joice	5	5	4	3	6	4	1	4	1	3	2	4	2	3	1	3	6	2	0	3	4	4
Kensett	3	1	0	3	4	3	4	0	6	0	3	6	5	8	6	5	6	2	3	4	9	7
Manly	14	20	22	15	21	16	19	16	17	22	20	18	25	17	28	23	26	38	29	20	19	27
Northwood	24	17	25	17	21	21	17	22	17	19	17	43	48	42	40	37	41	36	34	41	38	30
Balance of Worth County	28	22	22	30	22	31	36	38	36	41	44	14	28	25	16	23	29	15	22	19	20	31
Wright County	168	165	149	152	172	139	157	156	171	188	214	197	192	179	218	191	177	198	210	173	175	178
Belmond	33	39	24	23	27	31	31	32	31	33	34	40	40	42	44	38	46	41	43	29	32	40
Clarion	34	37	36	38	38	40	28	23	35	32	39	50	51	48	52	51	46	69	49	39	40	51
Dows (part)	6	5	5	7	2	3	5	7	6	6	1	13	9	12	22	13	10	12	12	21	18	7
Eagle Grove	54	52	40	44	50	35	46	45	43	54	67	49	53	48	60	52	45	45	66	52	49	38
Galt	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	1	0	2	0	0	0
Goldfield	8	8	4	6	8	3	7	6	5	9	8	6	6	7	7	9	3	6	13	3	11	7
Rowan	3	4	4	4	2	3	2	1	2	3	5	2	3	1	2	6	2	4	4	5	3	5
Woolstock	3	1	2	2	5	0	2	0	1	1	1	3	6	2	4	0	4	2	1	0	2	2
Balance of Wright County	27	19	34	28	39	24	36	42	48	50	58	34	24	19	26	22	20	19	20	24	20	28



Birth and Death Rates in Iowa's Counties: 1940-2000

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Trends in birth and death rates provide indications of basic changes in the population. Differences across geographical units such as states or counties are enhanced when rates are compared. Such rates are calculated by dividing the number of births or deaths by the total population. The result is multiplied by 1,000. Thus, the rates reported in Tables 1 and 2 should be interpreted as the number of births or deaths per 1,000 residents. These are called crude rates because they are not adjusted by age (for deaths) or by the number of women of child-bearing years (for births). Caution is urged in examining the rates for years other than those in which the decennial censuses were conducted; for other years, rates are based on population estimates provided by the U.S. Bureau of the Census.

Iowa and National Birth and Death Rates

The birth rate for Iowa dropped somewhat from 1980 to 2000, although there were some years with increases (Figure 1). There were about three more births per 1,000 residents in 1980 (16.4) than in 2000 (13.1). Rates exceeding 20.0 occurred at the peak of the baby boom; at least 10 fewer births per 1,000 residents occurred in 2000 than in several years in the 1950s and 1960s. The death rate in Iowa has not changed as much; it ranged from a high of 10.5 in 1972 to a low of 9.2 in 1977 and 1979. The 2000 figure was 9.5 deaths per 1,000 residents, a rate slightly lower than those in most years reported in Table 1 and Figure 1. Although Iowa's death rate is somewhat higher than the preliminary figure released for the nation (2000, 8.5), the pattern of change has been similar. The direction of change for birth rates in Iowa and the United States was in marked contrast from 1980 to 1992, however. Iowa's birth rate declined during much of the 1980s, while it remained relatively stable in the nation; more recently, however, the country's birth rate began to decline. In 1980, Iowa's birth rate of 16.4 was a half point above that of the nation (15.9); in 2000, however, Iowa's figure of 13.1 was substantially below the preliminary figure for the United States (14.4), although the gap narrowed the last few years. Iowa's birth rate dropped by 1.1 points since 1990, while it declined by 2.3 points for the nation.

County Data on Birth and Death Rates

In 2000, 18 counties had birth rates above the state figure of 13.1 (Table 1). Polk and Woodbury had rates at least 3 points above that for Iowa. Another six counties (Buchanan, Davis, Linn, Muscatine, Scott, Sioux) had rates more than a point above the state average. Of the 80 counties with birth rates below that of the state, 31 fell more than 2 points under the state level. Thirteen counties had fewer than 10 births for every 1,000 residents in 2000, with Audubon the lowest at 6.9.

Death rates in 2000 varied from less than 7.0 (Johnson, Story) to more than 15.0 (Audubon, Monona, Ringgold, Wayne) in Iowa's counties (Table 2). Seventy-six counties had death rates above the state figure of 9.5 per 1,000 residents. Although only six counties had death rates 2 or more points below the state average of 9.5, 49 counties reported rates 2 or more points greater than that for the state. Fourteen counties had rates at least 4 points higher than did the state.

Fourteen of Iowa's 99 counties had higher birth rates in 2000 than in 1990; among these 14, the gain was 2 points or greater only in Ringgold. Among the 82 counties with birth rates that were lower in 2000 than in 1990, 24 dropped by less than a full point. Adams, Audubon, and Pocahontas, however, reported birth rates in 2000 that were at least 4 points below those for 1990. No county had a higher birth rate in 2000 than in 1980, 1960, or 1950; only Davis had a higher rate in 2000 than in 1940, while Davis, Van Buren, and Wayne were the only counties with birth rates higher in 2000 than in 1970. Great

Table 1. Birth Rates Per 1,000 Population in Iowa's Counties, 1940-2000.

County	2000	1995	1990	1985	1980	1975	1970	1960	1950	1940
Adair	8.2	9.7	12.1	13.6	17.5	12.2	13.2	19.7	23.6	18.3
Adams	7.8	7.9	12.3	13.7	16.4	11.5	12.5	16.6	18.9	19.3
Allamakee	10.8	11.2	12.8	15.0	16.7	15.5	16.0	23.0	24.5	15.9
Appanoose	10.3	10.8	12.1	13.1	15.5	13.5	13.0	16.1	17.3	17.6
Audubon	6.9	10.9	12.4	13.7	17.6	12.4	11.6	20.7	25.5	17.2
Benton	12.8	12.3	14.2	13.7	17.5	12.8	13.9	21.9	21.9	17.5
Black Hawk	12.1	12.3	13.7	15.0	17.3	15.1	18.2	27.4	27.1	19.1
Boone	12.1	12.1	13.1	12.8	15.1	12.8	13.9	16.9	20.1	14.8
Bremer	10.7	10.7	10.6	12.5	16.8	12.3	15.0	23.4	22.3	18.2
Buchanan	14.3	13.3	14.5	16.8	19.5	16.1	17.6	24.5	25.1	16.6
Buena Vista	11.4	11.0	14.4	15.3	15.5	13.2	14.1	20.4	24.2	17.1
Butler	11.1	10.5	11.7	12.0	16.1	14.9	16.0	20.6	22.4	16.5
Calhoun	9.6	9.9	11.3	12.1	15.1	12.5	13.3	20.0	23.2	18.4
Carroll	12.2	13.1	14.9	16.6	19.0	14.9	16.8	25.1	27.7	19.2
Cass	10.8	10.2	12.7	12.2	14.2	11.9	14.9	22.9	22.6	17.4
Cedar	11.3	11.5	12.7	13.8	14.0	14.6	14.7	17.8	20.8	14.5
Cerro Gordo	11.4	12.7	14.7	14.9	15.0	13.3	16.3	23.3	24.5	18.9
Cherokee	11.2	9.8	14.2	13.0	14.7	14.4	15.5	22.2	24.4	14.8
Chickasaw	12.9	11.3	15.0	12.2	16.7	16.3	15.4	23.9	26.0	20.6
Clarke	10.6	12.5	12.8	13.8	14.6	12.9	14.5	15.6	21.6	19.4
Clay	11.7	11.7	13.6	14.7	17.7	15.1	16.5	20.9	26.0	19.4
Clayton	10.4	11.0	12.7	14.8	16.3	14.7	15.7	21.4	23.1	17.2
Clinton	11.8	12.9	13.4	14.1	16.1	14.6	18.2	22.6	22.1	16.5
Crawford	11.2	10.8	13.6	14.3	17.0	15.3	18.3	21.1	24.2	16.6
Dallas	13.9	14.5	13.7	13.7	15.8	14.6	17.4	20.5	21.6	15.4
Davis	15.1	11.0	15.4	15.2	16.4	16.7	13.9	18.5	19.7	13.7
Decatur	11.6	11.7	10.9	11.9	13.2	11.1	12.9	14.3	20.2	20.3
Delaware	12.3	11.5	15.8	17.3	21.2	15.0	17.5	23.7	24.7	19.1
Des Moines	13.1	12.3	13.3	15.3	16.6	13.0	17.8	23.0	22.7	15.2
Dickinson	9.7	8.8	10.7	11.8	14.7	14.6	15.5	22.1	24.8	17.5
Dubuque	13.7	13.5	14.6	14.3	16.9	16.0	19.7	29.5	27.3	18.9
Emmet	11.4	9.6	11.6	12.8	17.0	17.0	15.4	23.9	25.5	20.7
Fayette	10.6	12.3	13.2	12.7	15.9	13.8	15.0	22.1	22.4	17.6
Floyd	11.8	12.2	12.8	12.7	13.2	16.9	16.5	20.9	25.5	16.9
Franklin	10.6	10.5	10.9	14.0	15.0	13.7	14.0	18.2	20.3	18.7
Fremont	10.2	10.6	12.2	13.1	13.9	13.4	11.9	16.0	19.7	17.0
Greene	8.9	11.2	10.8	13.1	15.0	12.6	15.5	20.9	27.3	18.7
Grundy	10.8	8.0	12.1	10.8	15.8	11.9	14.9	22.1	22.4	16.1
Guthrie	11.8	10.7	11.2	10.4	14.9	12.6	12.7	19.0	20.7	19.4
Hamilton	11.7	11.9	13.0	11.7	14.4	11.5	16.5	19.8	22.1	19.6
Hancock	10.8	10.0	13.0	14.2	18.2	13.2	14.8	20.3	24.7	20.3
Hardin	11.1	13.0	11.2	12.9	16.0	11.8	14.2	19.0	23.4	16.6
Harrison	12.3	11.5	12.7	14.7	15.5	13.3	16.3	21.4	23.1	16.3
Henry	13.0	13.9	13.8	12.6	16.0	14.2	15.5	17.8	21.3	15.5
Howard	11.1	12.1	13.8	13.0	16.6	12.6	13.2	22.2	23.7	16.4
Humboldt	9.5	10.3	10.4	14.0	15.4	13.1	13.3	23.9	22.6	19.0
Ida	8.9	8.9	12.8	15.4	16.6	12.7	11.8	17.4	21.3	16.7
Iowa	11.7	12.6	14.6	12.1	14.8	11.6	16.3	20.9	24.0	16.1
Jackson	11.8	13.0	12.6	16.0	16.4	15.1	17.8	26.1	23.8	19.2
Jasper	12.3	11.8	12.4	13.6	14.6	14.1	16.6	22.5	21.3	17.8

Table 1. Birth Rates Per 1,000 Population in Iowa's Counties, 1940-2000 (continued).

County	2000	1995	1990	1985	1980	1975	1970	1960	1950	1940
Jefferson	9.0	9.1	11.8	13.6	13.3	11.9	15.8	21.6	20.7	15.4
Johnson	12.4	12.4	14.6	15.0	15.6	13.2	20.7	30.0	28.4	16.7
Jones	11.2	9.6	12.9	14.8	15.8	14.1	17.5	21.7	23.9	16.8
Keokuk	13.5	12.5	12.9	12.7	17.3	11.1	13.6	18.7	24.2	15.4
Kossuth	9.7	9.6	13.5	12.8	18.1	14.1	15.4	26.0	26.0	20.8
Lee	10.8	12.2	12.8	14.4	16.1	12.3	16.8	20.2	22.7	17.0
Linn	14.2	14.6	15.6	14.9	16.6	15.0	19.7	26.5	24.6	16.6
Louisa	13.5	14.6	14.1	12.3	14.3	14.2	14.6	15.7	20.9	15.8
Lucas	12.6	11.0	12.8	11.3	16.5	13.3	14.7	17.9	18.1	16.7
Lyon	13.5	11.4	14.9	14.8	18.3	15.3	17.0	24.5	25.2	18.1
Madison	14.0	11.8	12.7	13.4	15.6	15.7	15.4	19.0	18.5	18.4
Mahaska	12.7	13.3	13.2	14.6	17.5	14.0	15.4	19.0	22.2	13.9
Marion	11.9	11.7	12.5	14.9	15.1	13.3	14.2	19.5	20.6	17.2
Marshall	14.1	13.3	13.1	13.8	16.2	14.1	17.4	22.9	22.2	18.9
Mills	10.7	11.4	10.3	12.5	16.8	16.1	13.9	19.6	18.6	14.1
Mitchell	12.0	11.6	12.0	12.9	15.9	12.1	14.8	21.6	24.0	15.9
Monona	9.8	12.6	11.4	9.7	15.3	12.5	13.3	21.1	23.3	19.2
Monroe	12.7	10.9	14.3	12.7	14.4	13.1	12.7	17.8	20.4	18.4
Montgomery	11.8	13.5	13.1	11.8	15.3	13.4	15.8	18.0	22.8	17.2
Muscatine	15.3	15.2	16.7	15.6	17.7	17.0	18.9	25.1	23.1	17.8
O'Brien	12.4	13.1	11.9	13.1	16.4	12.7	15.0	22.9	26.1	16.7
Osceola	10.4	12.7	12.9	13.8	16.4	14.2	16.4	23.1	25.1	18.6
Page	10.0	10.4	11.9	13.2	14.2	15.0	14.2	17.4	18.8	15.9
Palo Alto	10.8	9.4	8.9	15.2	16.4	14.2	13.9	25.7	25.7	23.8
Plymouth	12.4	13.1	14.8	14.1	17.3	14.4	17.7	23.9	26.4	18.8
Pocahontas	8.4	7.2	13.0	15.5	14.1	11.0	13.3	21.8	25.9	19.3
Polk	16.6	15.5	16.4	16.5	16.8	14.4	19.5	25.3	24.9	17.2
Pottawattamie	13.5	13.6	16.5	15.7	17.0	15.9	18.5	26.2	25.3	15.5
Poweshiek	11.3	11.4	11.9	11.6	12.8	12.2	14.7	22.3	22.5	18.6
Ringgold	12.6	10.3	8.1	13.5	14.1	13.8	14.0	16.2	19.7	16.2
Sac	11.7	11.3	11.8	13.5	16.6	12.6	14.2	22.1	24.3	18.8
Scott	14.8	14.4	16.1	16.5	18.5	17.0	20.4	25.6	24.2	17.4
Shelby	11.4	12.0	13.8	12.0	16.8	16.0	14.5	24.8	23.9	17.2
Sioux	14.5	13.1	14.5	16.8	20.6	16.6	16.8	23.7	28.4	20.5
Story	11.8	11.5	12.5	14.0	14.6	13.2	17.5	25.7	25.0	16.7
Tama	13.9	13.3	12.3	13.4	14.8	12.9	14.9	19.1	24.3	16.1
Taylor	12.5	10.6	12.9	11.6	16.2	11.5	12.7	14.7	16.8	16.7
Union	10.3	12.4	11.6	11.4	15.3	15.9	15.4	18.4	20.8	13.9
Van Buren	12.4	9.8	11.6	13.2	14.6	13.6	11.2	18.8	18.3	16.1
Wapello	11.8	11.3	13.7	12.3	14.8	12.2	15.6	21.0	23.3	17.7
Warren	12.6	12.4	13.3	14.5	15.8	16.2	20.6	25.4	21.5	17.2
Washington	14.0	15.0	15.7	13.6	16.2	13.1	16.4	20.4	23.4	19.4
Wayne	11.7	11.7	11.7	12.8	15.0	11.7	11.2	14.8	17.5	15.7
Webster	12.2	12.7	14.8	14.8	16.5	14.0	16.1	26.0	26.2	19.1
Winnebago	11.4	11.2	12.2	12.9	15.1	14.0	14.0	20.6	23.6	20.9
Winneshiek	9.0	11.5	12.4	13.4	14.9	11.7	15.0	22.5	23.1	18.0
Woodbury	16.3	16.6	16.6	16.7	17.8	16.5	18.9	24.7	26.1	17.3
Worth	10.6	11.3	12.4	13.4	14.0	10.8	14.2	17.3	21.3	15.7
Wright	11.7	9.7	15.0	12.7	15.1	11.8	13.9	21.4	24.3	18.6
State of Iowa	13.1	12.9	14.2	14.6	16.4	14.4	17.1	23.2	23.9	17.5

Table 2. Death Rates Per 1,000 Population in Iowa's Counties, 1940-2000.

County	2000	1995	1990	1985	1980	1975	1970	1960	1950	1940
Adair	13.2	13.4	12.4	11.5	11.8	11.7	12.2	12.7	12.4	10.7
Adams	11.4	16.5	11.7	10.2	13.1	13.7	11.5	13.1	10.6	9.9
Allamakee	11.7	11.9	14.3	12.4	12.5	10.3	12.6	11.4	11.9	10.5
Appanoose	12.7	13.9	13.0	15.4	13.7	17.0	15.9	17.6	13.0	12.4
Audubon	16.3	14.2	12.0	13.8	8.8	11.9	11.6	9.2	8.2	8.7
Benton	9.0	8.7	8.8	9.7	9.0	10.3	10.4	11.4	12.7	9.3
Black Hawk	9.0	9.1	9.2	8.3	7.7	8.2	8.5	8.1	8.0	9.0
Boone	12.2	12.0	11.5	11.0	11.1	13.1	10.7	12.6	12.0	10.1
Bremer	9.3	10.1	10.0	8.7	9.1	8.3	9.2	9.2	10.2	9.8
Buchanan	8.6	10.8	8.9	8.3	8.4	10.5	10.8	10.6	10.0	11.0
Buena Vista	9.8	10.5	10.5	12.6	11.8	10.7	12.3	10.3	9.7	9.0
Butler	13.0	12.7	10.7	10.7	9.4	11.7	11.7	9.6	9.1	7.8
Calhoun	14.4	15.7	12.9	17.1	13.7	12.7	13.4	12.6	11.5	8.6
Carroll	11.0	10.1	10.0	9.6	10.4	10.7	11.1	9.5	7.8	8.7
Cass	12.5	14.2	13.6	14.8	12.4	13.4	13.8	13.6	11.2	10.5
Cedar	9.1	10.0	10.1	9.4	9.5	9.3	11.7	9.8	11.9	9.9
Cerro Gordo	11.5	11.5	10.3	9.6	9.6	10.4	11.4	10.0	9.7	9.0
Cherokee	12.3	10.3	12.1	12.0	10.8	9.3	10.6	10.0	8.9	8.7
Chickasaw	9.8	12.0	10.7	10.4	10.3	10.7	12.0	10.8	10.4	10.5
Clarke	10.5	13.0	11.2	13.2	12.3	14.5	15.6	14.5	13.3	9.9
Clay	10.5	12.1	9.0	9.2	9.5	10.2	10.3	9.2	8.5	8.8
Clayton	12.2	12.0	10.5	12.9	11.1	10.2	12.0	12.6	11.0	11.7
Clinton	10.2	10.7	11.0	9.2	9.3	9.5	10.8	10.6	11.3	12.2
Crawford	10.2	9.2	10.1	11.7	9.5	9.9	10.6	11.4	9.1	9.0
Dallas	7.4	9.1	9.6	9.2	8.9	10.6	11.3	11.4	11.2	10.9
Davis	10.7	14.0	12.0	12.3	10.5	11.6	15.0	15.2	11.3	10.5
Decatur	13.1	10.7	12.7	13.6	12.2	12.5	13.2	14.6	10.6	12.1
Delaware	8.4	9.3	9.5	9.5	9.6	10.4	10.8	9.1	10.6	11.3
Des Moines	10.1	11.0	10.7	11.9	10.1	10.4	11.0	10.6	11.2	11.5
Dickinson	11.6	11.5	10.7	10.8	8.6	11.2	11.8	12.1	9.9	8.8
Dubuque	9.5	9.6	9.7	9.0	8.6	8.8	9.8	9.9	11.4	11.9
Emmet	13.5	11.5	11.6	11.5	11.9	11.0	10.3	8.8	9.0	9.4
Fayette	11.9	10.5	11.8	12.6	10.2	11.1	11.9	11.6	11.3	9.9
Floyd	12.1	12.7	11.9	13.3	11.8	8.7	12.1	10.9	11.4	9.6
Franklin	12.2	12.9	10.6	11.4	10.4	10.4	11.3	10.9	9.8	9.2
Fremont	11.9	16.3	12.6	12.5	12.7	12.1	15.5	14.2	11.4	9.2
Greene	12.7	13.8	14.1	14.2	11.2	13.3	12.8	10.6	12.8	9.5
Grundy	10.7	10.9	9.7	10.5	9.6	8.7	8.6	9.8	8.4	9.2
Guthrie	13.7	12.9	13.0	13.3	13.8	13.0	12.0	12.1	10.9	9.8
Hamilton	10.5	11.4	11.0	9.8	9.1	10.8	12.4	9.4	10.1	9.8
Hancock	12.3	12.6	10.3	10.6	11.5	12.6	9.3	8.4	9.1	8.0
Hardin	14.7	12.0	12.4	11.7	11.2	11.8	12.0	12.8	9.8	10.4
Harrison	11.0	12.5	13.4	13.3	12.5	12.2	12.6	14.2	10.9	10.8
Henry	10.0	10.1	8.8	11.1	11.0	11.3	12.0	12.3	11.9	10.9
Howard	13.5	13.6	12.6	13.6	10.1	13.1	13.4	12.1	10.7	9.3
Humboldt	11.4	12.5	12.6	11.2	11.1	11.2	10.4	10.1	10.7	7.7
Ida	13.0	15.2	13.7	11.8	12.0	13.2	11.5	10.5	10.1	8.0
Iowa	10.1	11.6	11.9	10.7	10.4	11.8	12.1	10.6	12.1	10.6
Jackson	10.7	11.0	10.5	10.6	10.5	9.4	11.2	11.7	12.1	11.1
Jasper	9.6	10.3	8.6	9.5	9.4	9.5	11.3	10.0	10.3	9.1

Table 2. Death Rates Per 1,000 Population in Iowa's Counties, 1940-2000 (continued).

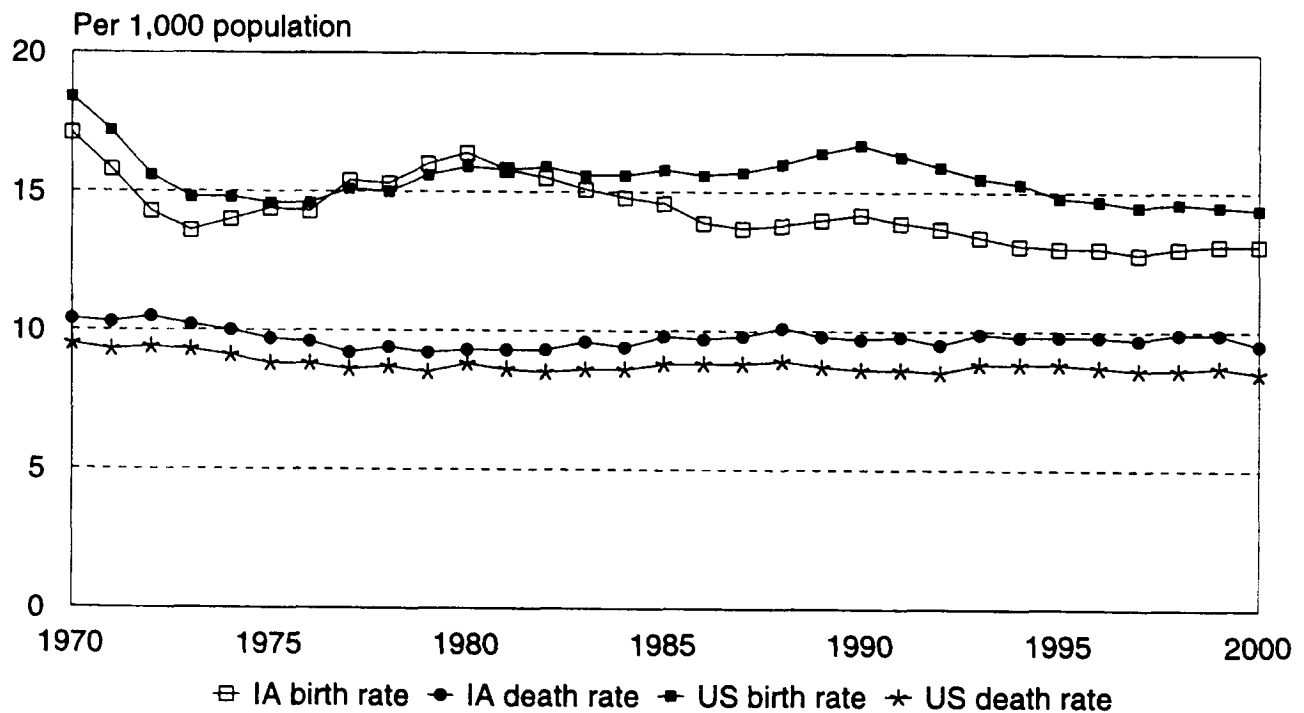
County	2000	1995	1990	1985	1980	1975	1970	1960	1950	1940
Jefferson	8.5	8.5	9.4	10.1	9.4	11.4	10.9	12.3	11.9	9.5
Johnson	4.4	4.7	4.5	5.4	4.8	5.7	5.2	7.1	8.1	9.9
Jones	9.0	8.2	9.9	9.4	8.2	9.0	11.3	10.1	10.2	10.4
Keokuk	13.6	11.5	14.2	13.6	12.8	14.2	12.8	14.2	12.3	10.3
Kossuth	11.8	12.2	10.6	10.0	9.9	9.2	9.5	9.6	9.2	7.5
Lee	12.0	11.8	10.3	11.1	10.6	11.8	12.0	11.5	12.0	13.4
Linn	7.4	7.6	7.3	7.6	7.5	7.2	8.3	8.5	10.0	10.6
Louisa	8.6	10.3	10.4	8.6	9.1	10.4	10.4	11.4	12.3	9.9
Lucas	11.6	12.4	14.2	15.6	11.2	14.0	14.7	15.4	13.8	9.4
Lyon	11.2	11.2	9.6	9.8	10.4	7.6	8.5	7.5	8.1	7.5
Madison	11.3	11.8	12.5	12.5	10.0	11.8	12.5	12.9	10.2	11.4
Mahaska	9.9	10.3	11.6	12.2	10.2	12.3	13.8	12.6	10.8	9.7
Marion	9.9	10.5	11.0	9.7	8.6	11.2	11.3	11.4	10.8	12.0
Marshall	12.8	13.6	12.7	10.8	10.3	9.4	9.6	11.0	10.1	9.8
Mills	9.5	8.4	9.8	10.3	9.9	11.7	9.8	10.5	9.6	8.5
Mitchell	13.0	12.5	13.5	13.5	11.5	12.5	13.0	11.4	11.0	9.6
Monona	16.6	15.6	15.5	16.3	12.2	13.3	13.7	13.2	9.1	8.4
Monroe	13.6	13.5	12.9	13.2	12.6	12.4	13.9	16.1	12.4	12.0
Montgomery	14.3	15.9	15.0	12.9	11.3	12.7	15.0	11.9	11.7	12.7
Muscatine	8.4	8.9	8.9	9.4	8.4	9.0	11.1	12.1	12.2	13.4
O'Brien	13.1	12.7	12.3	11.9	11.7	11.6	11.6	8.8	10.2	10.3
Osceola	11.0	13.2	9.1	12.4	12.5	11.1	10.3	10.3	7.6	7.2
Page	11.7	15.3	13.6	14.4	11.7	13.2	13.4	11.7	10.2	10.0
Palo Alto	12.2	12.9	13.1	12.5	11.6	15.1	12.0	8.9	9.1	8.8
Plymouth	11.0	10.0	10.0	10.4	9.9	8.8	9.5	10.1	10.0	9.5
Pocahontas	12.1	11.8	12.7	14.0	14.9	11.8	10.8	9.4	7.7	8.3
Polk	7.4	7.6	7.8	8.2	8.1	8.4	9.4	9.5	9.8	9.7
Pottawattamie	9.2	9.0	9.0	9.5	9.1	9.0	9.1	9.5	9.6	9.8
Poweshiek	11.1	10.5	10.3	10.3	9.9	9.3	12.0	11.8	11.6	10.8
Ringgold	18.1	13.3	15.5	15.2	13.7	14.8	14.1	15.3	10.8	10.1
Sac	14.2	13.5	14.4	13.5	10.4	12.8	11.6	11.2	8.4	7.4
Scott	7.8	8.3	7.3	7.6	7.3	7.6	8.7	9.7	10.4	11.6
Shelby	11.8	13.0	11.4	10.9	11.2	9.6	10.6	11.2	8.5	7.7
Sioux	7.5	7.3	7.6	9.1	7.7	8.8	9.0	8.7	8.6	7.8
Story	5.9	5.7	5.6	5.7	5.6	5.5	6.2	7.8	7.8	8.0
Tama	12.2	12.3	13.0	12.4	10.8	11.7	12.1	9.8	10.2	9.6
Taylor	12.4	12.2	14.8	12.5	13.6	14.9	17.2	15.1	12.2	11.8
Union	13.0	13.6	13.1	12.7	11.0	14.4	12.3	13.9	13.0	12.5
Van Buren	12.9	12.7	11.3	14.4	13.8	12.3	15.5	15.2	14.5	12.8
Wapello	12.5	12.7	13.3	11.6	12.4	12.5	12.8	11.3	11.4	11.0
Warren	8.3	6.8	7.9	7.0	6.5	7.5	7.9	8.9	9.9	11.2
Washington	10.4	10.4	11.0	11.9	10.3	12.7	11.7	11.4	9.9	12.1
Wayne	16.3	15.6	13.0	18.4	15.6	15.0	18.2	14.8	11.0	11.0
Webster	12.4	12.5	11.2	11.1	10.3	10.0	9.5	11.1	9.3	9.2
Winnebago	10.4	10.7	11.4	11.1	10.2	9.9	12.9	9.2	8.7	8.6
Winneshiek	8.9	9.0	10.5	10.7	8.2	9.9	8.7	11.1	11.0	10.3
Woodbury	9.0	10.0	9.6	9.6	9.8	10.1	11.1	10.5	10.4	9.2
Worth	11.5	15.3	14.4	12.4	10.2	13.0	11.5	9.3	9.8	8.7
Wright	13.7	12.3	12.5	12.9	12.7	11.4	12.3	9.1	9.6	9.9
State of Iowa	9.5	9.8	9.7	9.8	9.3	9.7	10.4	10.4	10.3	10.1

changes occurred between 1940 and 1950, when all but Adams, Appanoose, and Decatur reported increases, and between 1960 and 1970, when all counties had declines; these decades cover the beginning and the ending of the baby boom, of course.

For the most part, death rates changed far less than did birth rates. Forty-seven counties had higher death rates in 2000 than in 1990. But in only six counties were the rates at least 2 points higher at the end of the period than at the beginning. Among the 52 counties where the death rates were lower in 2000 than in 1990, only six dropped by at least 2 points. Relatively small changes also occurred when other years were compared.

Note: Comparisons of any one year with another must be done with caution because unusual circumstances could have affected the rates in any single year. Additional information on births and deaths is reported annually in VITAL STATISTICS FOR IOWA (Iowa Department of Public Health, Lucas State Office Building, Des Moines, IA 50319). Data on birth and death rates for the states and the nation also are available annually; the most recent publication is "Provisional Number of Live Births and Deaths: Each Division and State, December 1999 and 2000, and Cumulative Figures, 1998-2000 (49M6 Table 1-12)," which is on the web site of the National Center for Health Statistics (www.cdc.gov/nchs/).

Figure 1. Iowa and U.S. birth and deaths rates, 1970–2000.



Fertility Rates in Iowa's Counties: 1940-2000

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Fertility is a measure that examines births in relation to the number of women of child-bearing age. Unlike crude birth rates, fertility takes into account differences in the age and sex structure of a population. Fertility rates are calculated by dividing the number of births by the number of females aged 15 to 44 and then multiplying the result by 1,000. The resulting rates are interpreted as the number of births in a particular year per 1,000 women aged 15 to 44.

Iowa's fertility rates varied significantly in the decades between 1940 and 2000 (Table 1). The 1940 rate of 77.2 births per 1,000 women aged 15-44 represented the aftermath of the Great Depression, when economic conditions resulted in far fewer births. After the end of World War II, births rose in the "baby-boom" years of the 1950s and 1960s. The fertility rate for the state jumped to 114.8 in 1950 and increased to 124.5 in 1960, more than 60 percent higher than what it had been in 1940. This was followed by rapidly declining fertility in the late 1960s that yielded a rate of 87.3 births per 1,000 women aged 15-44 in 1970. By 1980, the fertility rate had dropped to 73.7, a figure below that of 1940. It continued to decrease to 1990 (64.6) and to 2000 (62.6), although the change was minimal across the most recent decade.

Iowa's counties generally followed the state trends. The highest fertility rate recorded during the years reported in Table 1 occurred in 1960 for 62 counties and in 1950 for the other 37. The rate was lower in 2000 than any other census year in 73 counties. In 23 others, the fertility was lowest as of the 1990 census; the remaining three (Davis, Mahaska, Woodbury) reported lower rates in 1940 than any other year. Nearly three-quarters (73) of the 99 counties had lower fertility rates in 2000 than in 1990, with rates dropping by 10.0 or more points in 22 of them. Of the 26 counties with higher rates in 2000 than 10 years earlier, only two increased by at least 10.0 points. The change in the 1990s was relatively small in many counties; nearly half (45) changed by fewer than 5.0 points in either direction.

The magnitude of the decline in fertility across these decades is further illustrated by examining the highest and lowest rates across counties. In 1960, Dubuque had the highest fertility rate (154.8) and Decatur (81.1) the lowest. By 1990, only two counties (Davis, Wright) had fertility rates as high as the lowest figure recorded in 1960. And four counties recorded fertility rates below 50.0 in 1990. By 2000, fertility rates were below 50.0 in seven counties and above 80.0 only in Davis. In 49 counties, fertility rates in 2000 were less than half of those reported at the peak in 1950 or 1960; in a few of these counties, the drop was to about a third of the high point. Thus, far fewer births were occurring to women aged 15 to 44 in years at the end of the last century than in those at the middle of that period.

Note: Caution is urged in examining the fertility rates. In counties with relatively large numbers of females age 15-44 living in group quarters (for example, college residence halls, prisons), the rates usually will be lower than in counties without such facilities.

Table 1. Fertility Rates ([births/women 15-44] x 1,000) in Iowa's Counties, 1940-2000.

County	2000	1990	1980	1970	1960	1950	1940	County	2000	1990	1980	1970	1960	1950	1940
Adair	46.2	71.3	99.5	84.7	117.1	124.1	87.5	Jefferson	48.9	52.5	59.5	85.0	121.6	104.4	73.2
Adams	47.0	70.7	88.7	78.5	96.8	97.9	88.6	Johnson	43.8	47.5	50.2	74.9	127.9	115.8	66.9
Allamakee	61.0	70.7	88.0	98.9	142.6	136.5	78.5	Jones	62.7	69.3	81.2	98.2	128.9	130.2	85.2
Appanoose	55.2	63.9	81.1	78.9	99.5	91.9	83.5	Keokuk	73.3	70.9	95.2	86.2	118.0	132.3	77.3
Audubon	41.8	75.3	97.3	68.3	118.3	128.5	79.0	Kossuth	54.8	75.2	93.0	89.7	148.7	130.6	93.8
Benton	63.6	70.9	85.5	77.0	123.7	112.7	82.9	Lee	57.4	63.7	77.3	90.4	113.7	109.6	78.0
Black Hawk	52.2	56.7	69.3	81.1	134.5	115.0	76.3	Linn	64.0	65.0	67.7	89.5	128.3	111.8	68.9
Boone	61.4	63.4	71.0	75.5	95.0	100.5	66.4	Louisa	67.0	68.7	67.6	78.9	93.5	111.0	80.4
Bremer	51.4	50.0	74.1	74.1	120.0	109.5	84.8	Lucas	70.0	69.4	85.9	86.9	107.9	98.2	80.2
Buchanan	72.7	73.6	93.9	98.2	139.9	135.0	82.7	Lyon	75.5	80.9	98.0	97.2	139.1	124.2	80.3
Buena Vista	57.2	69.1	75.6	77.9	112.1	119.0	76.2	Madison	71.7	64.5	81.8	91.5	112.9	101.5	88.0
Butler	63.7	64.2	84.4	90.1	116.6	112.7	75.3	Mahaska	64.7	64.3	84.8	84.0	106.1	108.4	62.7
Calhoun	57.8	67.8	80.4	79.0	116.9	117.9	82.3	Marion	59.0	57.9	68.5	74.5	113.3	108.7	82.4
Carroll	65.4	79.9	96.2	97.5	143.7	133.8	86.9	Marshall	73.9	63.1	72.7	88.8	121.7	106.3	82.0
Cass	60.3	69.5	73.7	87.0	129.7	114.1	78.1	Mills	54.1	46.6	78.6	74.3	107.0	90.1	61.2
Cedar	57.7	63.4	67.5	81.8	103.4	109.4	67.6	Mitchell	70.5	68.9	86.0	92.2	133.0	130.1	78.2
Cerro Gordo	57.9	67.1	67.2	81.0	121.2	111.7	78.1	Monona	58.6	67.9	86.1	81.1	123.8	116.2	88.4
Cherokee	64.6	75.7	74.8	84.8	124.7	124.6	68.5	Monroe	69.5	75.4	75.7	76.8	110.9	117.7	91.1
Chickasaw	71.3	80.3	82.7	91.1	141.2	139.7	99.3	Montgomery	64.7	68.3	80.9	94.0	105.8	112.9	78.9
Clarke	55.7	65.2	74.2	84.8	91.6	112.3	95.5	Muscatine	73.7	75.3	79.2	98.2	137.6	116.0	81.2
Clay	60.2	65.1	80.0	82.4	112.3	123.1	82.9	O'Brien	70.4	66.7	86.2	85.7	130.4	130.5	74.6
Clayton	56.8	67.8	85.1	94.1	128.1	121.1	83.0	Osceola	56.9	70.8	87.5	98.8	132.3	124.6	81.0
Clinton	59.2	64.0	74.2	94.7	122.3	107.1	74.2	Page	57.8	65.7	74.5	82.5	99.4	93.3	71.5
Crawford	59.5	70.2	83.9	104.3	122.8	124.6	76.3	Palo Alto	58.9	52.2	87.7	80.7	149.5	130.5	112.2
Dallas	63.5	64.0	71.5	93.1	116.5	110.9	71.3	Plymouth	64.5	75.2	84.3	92.7	134.1	132.0	85.6
Davis	83.1	81.9	85.9	81.6	108.8	105.4	67.3	Pocahontas	51.0	78.0	77.1	80.9	129.6	134.9	89.9
Decatur	54.1	53.6	60.5	64.6	81.1	106.1	99.2	Polk	71.9	64.9	67.4	89.2	120.6	105.9	65.8
Delaware	62.3	80.2	103.3	103.3	140.0	131.3	91.2	Pottawattamie	64.2	74.2	74.8	91.2	134.8	119.9	66.5
Des Moines	67.5	63.5	76.9	90.0	120.0	105.8	65.7	Poweshiek	53.9	54.5	57.8	74.0	118.2	106.9	86.2
Dickinson	56.9	58.0	73.6	90.6	132.2	121.0	78.3	Ringgold	76.0	48.0	78.5	86.6	101.1	107.9	78.1
Dubuque	65.3	65.5	73.3	100.7	154.8	126.3	81.3	Sac	69.9	68.1	92.0	85.2	133.6	123.4	85.0
Emmet	59.6	59.4	83.3	82.6	132.5	123.8	93.9	Scott	67.7	68.1	76.4	97.8	130.1	109.8	72.7
Fayette	57.6	71.0	80.8	85.9	127.3	117.7	82.1	Shelby	63.6	75.7	88.6	85.9	146.6	121.7	80.3
Floyd	65.0	68.2	65.8	91.5	116.4	126.1	76.5	Sioux	65.9	68.2	92.0	83.3	131.2	135.8	91.5
Franklin	59.9	59.7	77.3	81.6	99.4	100.2	83.0	Story	44.1	45.8	51.6	72.0	124.5	110.9	70.5
Fremont	59.1	66.3	75.5	71.0	94.8	101.7	78.6	Tama	75.6	66.1	77.7	86.1	113.8	128.0	75.2
Greene	50.7	60.6	80.4	93.8	124.9	138.1	85.4	Taylor	70.7	74.3	91.4	82.7	92.6	92.6	80.9
Grundy	59.9	65.8	80.4	81.2	120.3	109.6	71.9	Union	53.5	56.4	76.0	88.9	112.8	107.3	64.4
Guthrie	67.9	62.7	84.1	80.0	113.1	108.6	92.6	Van Buren	72.0	65.1	76.8	71.6	118.3	104.2	80.2
Hamilton	63.0	67.9	72.3	88.9	106.0	109.6	87.5	Wapello	60.3	66.9	72.3	83.3	112.6	105.7	76.1
Hancock	59.3	67.0	93.8	88.4	116.9	125.5	92.2	Warren	58.1	56.7	65.1	95.8	131.9	109.2	85.9
Hardin	61.4	60.2	80.9	78.6	110.9	119.5	79.0	Washington	73.5	79.6	80.0	92.3	118.7	121.4	91.4
Harrison	64.3	66.2	80.1	96.4	132.1	122.9	77.4	Wayne	68.1	69.9	87.5	73.4	93.7	97.7	75.9
Henry	66.4	67.1	73.8	81.5	100.2	109.4	75.9	Webster	64.7	72.1	76.1	83.3	139.1	123.7	80.1
Howard	61.2	80.4	92.7	85.8	135.1	127.6	78.8	Winnebago	60.9	61.0	76.1	77.1	116.7	116.7	96.0
Humboldt	52.3	58.6	81.0	76.4	135.1	115.6	87.1	Winneshiekie	39.2	54.5	65.4	76.7	125.5	119.6	85.7
Ida	51.2	71.8	94.4	69.5	102.8	108.6	76.3	Woodbury	76.7	75.4	80.0	92.9	129.9	117.1	68.2
Iowa	60.7	76.8	74.5	92.2	120.1	125.1	76.6	Worth	59.3	67.2	73.2	85.6	102.3	114.6	74.4
Jackson	62.0	64.7	80.5	100.8	148.2	130.9	95.2	Wright	68.5	81.9	79.5	81.2	120.9	123.7	85.0
Jasper	65.0	60.9	69.3	85.2	116.0	100.9	78.7								
								State of Iowa	62.6	64.6	73.7	87.3	124.5	114.8	77.2

Births, Out-of-Wedlock Births, and Births to Teens in Iowa's Counties: 1980, 1985, 1990, 1995, 1999, and 2000

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In 2000, there were 38,250 births to Iowans (Table 1). Births to Iowa residents are attributed to the county of residence of the mother. This information is collected annually by the Iowa Department of Public Health. Births in Iowa's counties in 2000 ranged from as few as 35 in Adams to as many as 6,216 in Polk. For more information on births in general, see the section in this volume titled "Births, Deaths, and Natural Change in Iowa's Counties: 1940-2000."

Out-of-Wedlock Births

Even though births declined in Iowa between 1990 and 2000, the number of births out of wedlock increased (Table 1). The total of 10,704 out-of-wedlock births in 2000 was an increase of 29.4 percent from the 8,269 in 1990 and 118.7 percent from the 4,895 figure in 1980. From 1999 to 2000, out-of-wedlock births increased by 376, while those in wedlock gained by 325.

In each year reported in Table 1, Polk County had the highest number of out-of-wedlock births; Scott was second highest. The seven out-of-wedlock births in Adams were the lowest of any county in 2000. Out-of-wedlock births occurred disproportionately in large, urban counties. In 1990, the five counties (Black Hawk, Linn, Polk, Scott, Woodbury) with the highest number of out-of-wedlock births together accounted for more than two-fifths (46.1%) of such births. In 2000, the same five counties recorded 42.7 percent of the out-of-wedlock births.

Other than 1993 to 1994 and 1996 to 1997, the number of out-of-wedlock births increased each year in the 1990-2000 period for Iowa. Eighty-nine counties had more out-of-wedlock births in 2000 than in 1990 (Table 1). The increases ranged from 1 to 358. For 63 of the 89 counties that gained, the increase was less than 25. Linn, Marshall, Polk, and Woodbury increased by more than 100. No county had as many as five fewer out-of-wedlock births in 2000 as in 1990.

Because the number of births in Iowa generally was going down at the same time as the number of out-of-wedlock births was going up, the percentage of all births that were out of wedlock rose from 12.0 percent in the years from 1981 through 1985 to 27.0 percent in the 1996-2000 period (Table 3, Figure 1). In 1996-2000, the percentage of out-of-wedlock births in the counties ranged from less than 15 in Davis, Grundy, Lyon, Sioux, and Story to at least 34 (or 1 of every 3 births) in Black Hawk, Clinton, Des Moines, Lee, Pottawattamie, Scott, Webster, and Woodbury (Figure 2).

Births to Teens

Births to Iowa teens, which include mothers 19 and younger, numbered 3,831 in 2000 (Table 2). Teen births in 2000 were 160 fewer than the number recorded in 1999 and 182 fewer than 1990. For counties, births to teens in 2000 ranged from fewer than 10 in 17 counties to more than 200 in Linn, Polk, Scott, and Woodbury. Sixty-two counties had fewer than 20 births to teens in 2000.

Half (50) of Iowa's 99 counties had fewer teen births in 2000 than in 1990 (Table 2); of the remaining 49 counties, six had the same numbers both years while 43 counties increased. Marshall and Polk were the only counties with at least 20 more teen births in 2000 than in 1990. Declines of more than

Table 1. Births and Out-of-Wedlock Births in Iowa's Counties, 1980, 1985, 1990, 1995, and 1999-2000.

County	2000		1999		1995		1990		1985		1980	
	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births
Adair	68	15	71	16	80	13	102	16	122	7	166	5
Adams	35	7	47	6	36	6	60	11	73	6	94	5
Allamakee	158	35	186	41	157	42	177	31	219	32	252	21
Appanoose	142	39	158	48	147	44	166	40	188	33	241	28
Audubon	47	12	68	11	75	14	91	5	111	13	151	12
Benton	325	69	265	56	298	61	318	46	309	29	414	41
Black Hawk	1551	585	1594	585	1509	578	1699	541	1947	444	2382	374
Boone	317	76	318	63	309	71	329	57	326	34	395	29
Bremer	250	44	236	40	249	38	242	27	297	22	417	14
Buchanan	301	70	298	61	283	61	302	47	367	44	447	26
Buena Vista	233	78	254	85	219	68	287	42	314	27	322	15
Butler	170	33	159	43	166	34	184	25	201	10	284	8
Calhoun	107	23	103	17	114	23	130	20	149	14	204	16
Carroll	262	52	252	59	283	52	320	36	373	23	436	27
Cass	158	42	155	51	152	33	192	26	200	14	241	17
Cedar	206	42	181	34	204	41	221	37	251	25	260	15
Cerro Gordo	530	177	551	171	591	167	686	157	725	95	728	63
Cherokee	146	44	134	41	134	38	200	38	199	20	238	27
Chickasaw	169	35	138	38	152	32	199	18	177	22	258	14
Clarke	97	32	107	37	102	27	106	22	116	17	126	12
Clay	204	59	195	57	206	44	239	32	270	22	347	29
Clayton	194	42	193	41	206	56	242	43	298	25	343	18
Clinton	591	208	629	227	657	217	685	183	753	88	920	90
Crawford	189	68	205	67	178	50	228	49	263	38	321	18
Dallas	566	140	504	115	477	100	409	77	402	42	466	40
Davis	129	15	102	10	94	12	128	14	134	8	149	8
Decatur	101	23	90	28	97	31	91	12	106	12	129	9
Delaware	227	44	196	31	213	45	285	27	320	18	401	23
Des Moines	555	212	520	193	523	179	568	161	670	107	767	106
Dickinson	159	33	172	46	137	36	160	26	177	17	229	14
Dubuque	1221	284	1154	281	1188	234	1260	211	1278	155	1584	112
Emmet	126	43	124	34	108	35	134	31	159	21	227	15
Fayette	233	69	230	62	271	61	289	45	298	31	405	30
Floyd	199	48	192	60	203	53	219	48	236	36	259	12
Franklin	113	27	120	32	116	23	124	22	173	15	195	10
Fremont	82	27	98	34	85	30	100	17	116	17	131	12
Greene	92	27	125	30	112	22	108	14	147	19	182	14
Grundy	133	19	104	23	98	19	146	11	143	11	227	6
Guthrie	134	35	140	26	121	28	122	25	119	10	179	19
Hamilton	192	48	206	59	193	46	209	26	199	25	257	19
Hancock	131	33	127	28	122	28	164	23	190	16	252	15
Hardin	208	51	235	61	244	54	213	29	270	30	348	23
Harrison	193	39	179	42	174	34	187	27	227	24	254	29
Henry	264	65	246	56	276	76	265	50	238	27	303	27
Howard	110	25	117	28	118	22	135	14	137	7	184	6
Humboldt	99	22	130	38	107	17	112	16	163	16	188	8
Ida	70	13	80	15	73	11	107	17	135	6	148	5
Iowa	183	39	178	40	192	32	213	28	182	15	229	8
Jackson	239	71	238	70	261	66	252	51	345	39	370	32
Jasper	458	101	457	112	416	83	432	74	472	55	530	30

Table 1. Births and Out-of-Wedlock Births in Iowa's Counties, 1980, 1985, 1990, 1995, and 1999-2000 (continued).

County	2000		1999		1995		1990		1985		1980	
	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births	Births	Out-of-Wedlock Births
Jefferson	145	43	158	43	153	30	192	37	222	13	217	16
Johnson	1382	237	1332	233	1258	166	1406	170	1326	97	1276	71
Jones	227	68	196	54	196	51	251	49	290	35	323	33
Keokuk	154	32	125	30	145	31	150	19	157	12	223	18
Kossuth	166	33	162	30	174	29	251	35	262	21	397	27
Lee	410	148	466	166	479	154	496	121	589	112	693	94
Linn	2715	720	2745	687	2597	569	2641	562	2450	366	2826	341
Louisa	164	48	164	47	174	54	163	36	145	14	172	17
Lucas	119	24	97	20	100	31	116	19	110	18	170	15
Lyon	159	18	154	15	136	11	178	14	183	6	236	7
Madison	196	33	188	36	159	26	158	14	164	13	197	10
Mahaska	283	85	301	75	291	61	285	52	318	35	400	36
Marion	383	69	432	85	363	76	374	44	439	39	449	25
Marshall	556	205	573	176	516	141	502	96	555	74	673	60
Mills	155	47	156	51	158	42	136	22	167	27	225	24
Mitchell	131	17	133	31	129	20	131	20	148	6	196	10
Monona	98	35	115	35	126	40	114	21	105	9	179	13
Monroe	102	28	100	23	89	25	116	25	109	14	133	13
Montgomery	139	33	146	55	161	34	158	31	152	17	205	17
Muscatine	638	213	619	191	629	191	665	159	632	101	714	90
O'Brien	187	36	180	36	200	32	184	19	213	18	279	18
Osceola	73	14	73	16	90	19	94	10	107	3	137	5
Page	169	57	196	57	174	46	200	45	235	34	270	23
Palo Alto	110	27	104	30	95	20	95	13	181	10	209	17
Plymouth	309	82	289	65	316	54	346	51	334	15	427	20
Pocahontas	73	16	82	25	66	14	124	17	167	3	160	7
Polk	6216	1756	5954	1643	5455	1436	5367	1398	5087	923	5087	764
Pottawattamie	1184	442	1216	457	1142	377	1361	388	1334	253	1468	237
Poweshiek	212	50	176	47	215	52	226	45	220	15	247	18
Ringgold	69	16	69	13	55	10	44	5	78	10	86	3
Sac	135	33	128	31	136	20	145	18	177	13	235	14
Scott	2348	872	2264	850	2251	779	2430	783	2543	531	2954	476
Shelby	150	31	141	31	156	27	182	21	171	7	253	13
Sioux	457	57	397	50	410	28	434	33	511	18	636	19
Story	940	135	885	122	856	108	927	88	1035	59	1055	57
Tama	251	77	240	79	236	65	215	31	250	42	289	27
Taylor	87	23	66	14	76	12	92	10	91	7	135	6
Union	127	41	140	30	154	46	148	32	150	38	212	31
Van Buren	97	22	85	21	76	8	89	14	107	16	126	14
Wapello	424	165	404	119	403	124	490	137	468	80	597	77
Warren	513	107	483	111	481	81	479	72	506	38	551	33
Washington	290	54	306	48	308	51	307	45	269	25	326	17
Wayne	79	14	75	18	80	17	83	14	96	3	123	12
Webster	492	202	498	179	498	168	597	159	631	120	760	110
Winnebago	134	45	121	33	134	32	148	21	162	7	197	20
Winneshiek	191	41	186	33	240	31	259	34	287	16	327	21
Woodbury	1692	641	1627	579	1700	585	1631	528	1652	341	1793	319
Worth	84	20	76	15	89	19	99	16	117	10	127	4
Wright	168	52	165	44	139	28	214	31	196	18	247	20
State of Iowa	38250	10704	37549	10328	36790	9258	39330	8269	41182	5585	47797	4895

Table 2. Teen Births and Teen Out-of-Wedlock Births in Iowa's Counties, 1980, 1985, 1990, 1995, 1999-2000.

County	2000		1999		1995		1990		1985		1980	
	Teen	Out-of-	Teen	Out-of-	Teen	Out-of-	Teen	Out-of-	Teen	Out-of-	Teen	Out-of-
	Births	Wedlock Births	Births	Wedlock Births	Births	Wedlock Births	Births	Wedlock Births	Births	Wedlock Births	Births	Wedlock Births
Adair	8	6	10	8	8	5	12	8	7	2	20	2
Adams	3	2	1	0	5	4	3	3	4	2	13	3
Allamakee	16	13	23	16	20	18	17	10	19	13	31	8
Appanoose	20	11	21	15	25	17	29	13	23	7	50	12
Audubon	8	7	3	3	6	3	6	2	5	3	21	9
Benton	29	21	13	10	29	26	23	19	17	9	55	26
Black Hawk	189	175	181	160	264	235	246	198	238	174	335	183
Boone	19	15	25	20	37	29	26	21	30	16	45	13
Bremer	16	15	16	12	21	16	15	9	27	10	56	10
Buchanan	28	23	22	18	33	25	27	17	36	18	45	14
Buena Vista	34	29	28	22	30	22	30	18	19	11	33	8
Butler	13	10	13	11	16	14	15	9	26	6	40	3
Calhoun	8	6	5	4	6	4	4	3	10	5	19	7
Carroll	15	12	14	11	31	26	15	10	20	7	31	13
Cass	17	12	23	18	19	15	23	9	15	4	23	8
Cedar	15	12	12	9	15	9	25	15	22	12	28	6
Cerro Gordo	58	50	53	46	72	63	76	55	57	30	69	24
Cherokee	14	13	13	10	14	12	27	18	14	6	26	10
Chickasaw	14	13	12	11	16	13	15	8	16	11	28	6
Clarke	18	14	19	14	16	8	12	6	10	5	22	5
Clay	20	17	25	19	23	19	16	9	15	8	44	14
Clayton	18	15	11	9	24	21	23	15	31	15	39	11
Clinton	73	63	92	85	85	72	82	59	69	33	127	43
Crawford	25	22	19	18	24	20	27	21	24	12	50	10
Dallas	32	27	48	40	33	28	37	25	27	12	44	19
Davis	13	9	6	4	12	5	10	4	15	5	21	5
Decatur	15	8	16	11	14	13	13	4	8	3	21	4
Delaware	16	12	19	18	20	19	14	10	20	10	57	14
Des Moines	79	71	94	78	73	60	76	53	66	31	116	41
Dickinson	15	13	21	18	12	9	17	13	11	5	24	9
Dubuque	91	83	108	95	101	87	93	67	109	65	153	60
Emmet	18	15	19	15	18	16	16	11	15	7	16	4
Fayette	19	19	27	25	24	18	23	17	28	13	35	13
Floyd	16	11	25	21	18	17	28	19	28	14	24	7
Franklin	12	12	14	12	12	9	10	7	12	5	20	2
Fremont	4	4	17	12	18	14	11	10	15	8	17	3
Greene	14	11	17	15	10	9	9	5	13	6	24	5
Grundy	7	6	10	10	9	6	5	5	12	7	18	3
Guthrie	11	10	7	7	13	10	8	5	12	5	22	7
Hamilton	19	17	25	22	21	18	19	10	15	6	23	10
Hancock	11	9	9	7	15	11	12	7	7	3	23	4
Hardin	22	19	30	22	22	18	17	11	22	13	45	14
Harrison	17	15	17	12	18	13	22	9	26	13	42	16
Henry	31	23	19	18	27	22	30	19	21	14	38	10
Howard	6	6	16	14	15	13	6	2	6	2	22	5
Humboldt	7	6	12	11	8	5	10	5	21	10	26	4
Ida	6	5	2	1	4	3	9	5	8	3	14	1
Iowa	18	17	17	14	13	11	12	8	13	5	18	4
Jackson	26	22	20	18	30	22	30	23	34	20	60	20
Jasper	45	33	44	39	40	28	38	25	56	28	68	16

Table 2. Teen Births and Teen Out-of-Wedlock Births in Iowa's Counties, 1980, 1985, 1990, 1995, 1999-2000 (continued).

County	2000		1999		1995		1990		1985		1980	
	Teen Births	Teen Out-of-Wedlock Births	Teen Births	Teen Out-of-Wedlock Births	Teen Births	Teen Out-of-Wedlock Births	Teen Births	Teen Out-of-Wedlock Births	Teen Births	Teen Out-of-Wedlock Births	Teen Births	Teen Out-of-Wedlock Births
Jefferson	13	10	18	12	7	6	16	8	12	5	21	7
Johnson	70	55	62	51	52	38	60	45	54	29	55	20
Jones	18	14	24	18	20	16	20	15	12	5	41	19
Keokuk	16	14	12	8	16	11	18	7	9	1	28	10
Kossuth	13	10	10	7	13	10	25	19	18	13	42	15
Lee	52	42	61	55	76	67	57	37	85	46	106	47
Linn	210	180	237	202	225	190	246	191	215	125	356	158
Louisa	14	7	26	15	19	12	16	9	14	4	27	8
Lucas	16	10	8	5	15	11	16	6	15	7	29	6
Lyon	11	6	11	5	7	3	8	2	17	3	15	3
Madison	14	10	12	11	15	9	12	4	16	9	27	4
Mahaska	39	31	33	27	26	19	29	13	37	17	61	22
Marion	29	23	46	35	38	27	33	22	45	17	62	13
Marshall	83	73	84	57	65	48	38	30	44	22	79	28
Mills	18	15	16	14	19	14	11	4	19	9	27	12
Mitchell	7	4	12	11	11	7	15	10	10	3	23	7
Monona	16	13	10	9	18	14	12	6	8	2	23	8
Monroe	12	8	8	6	15	14	16	11	11	3	15	6
Montgomery	8	7	20	13	20	13	13	9	10	6	24	6
Muscatine	102	80	119	85	88	64	89	51	73	38	114	39
O'Brien	22	16	19	14	22	16	17	10	9	4	31	9
Osceola	5	5	6	4	7	6	9	6	4	1	11	3
Page	21	17	28	18	21	12	26	17	30	13	40	12
Palo Alto	14	13	11	8	14	12	14	8	7	2	30	9
Plymouth	28	26	29	26	19	16	27	17	17	8	36	8
Pocahontas	5	4	9	9	5	4	8	5	5	1	16	4
Polk	618	517	606	502	554	470	577	462	531	331	664	318
Pottawattamie	165	140	165	131	169	136	191	128	162	99	258	120
Poweshiek	22	19	16	13	22	17	27	19	12	5	29	9
Ringgold	7	5	6	3	8	5	1	0	5	3	11	2
Sac	6	6	15	11	11	11	10	7	13	4	26	8
Scott	276	258	325	296	345	307	343	280	302	207	432	218
Shelby	14	12	8	7	13	11	9	7	5	2	24	6
Sioux	37	22	33	22	18	9	23	11	27	7	57	12
Story	50	32	50	34	40	28	48	21	50	18	82	16
Tama	28	24	27	23	35	26	21	13	29	21	38	16
Taylor	13	8	10	5	7	3	11	5	4	1	18	4
Union	9	8	17	10	24	16	14	7	11	8	30	12
Van Buren	14	11	11	10	9	2	13	9	7	2	19	6
Wapello	65	56	50	35	60	43	75	48	70	33	94	38
Warren	43	37	48	45	35	22	49	36	53	19	58	14
Washington	19	13	19	14	22	17	24	20	21	8	29	7
Wayne	11	5	15	9	10	8	9	6	10	2	22	8
Webster	62	51	59	52	71	62	63	45	77	45	124	61
Winnebago	15	13	14	10	15	13	11	10	14	2	23	10
Winneshiek	15	13	12	12	19	17	14	11	20	7	27	8
Woodbury	215	181	212	177	263	208	234	186	210	131	275	143
Worth	6	6	8	6	10	8	10	7	6	2	13	2
Wright	17	12	21	15	12	8	16	13	26	9	25	5
State of Iowa	3831	3201	3991	3275	4064	3286	4013	2847	3835	2091	5958	2274

Table 3. Comparisons of Births, Out-of-Wedlock Births, and Births to Teens in Iowa's Counties, 1981-2000.

County	Percent of All Births Out of Wedlock				Percent of Teen Births Out of Wedlock				Teen Births as a Percent of All Births				Teen Out-of-Wedlock Births as a Percent of All Out-of-Wedlock Births			
	1996- 2000	1991- 1995	1986- 1990	1981- 1985	1996- 2000	1991- 1995	1986- 1990	1981- 1985	1996- 2000	1991- 1995	1986- 1990	1981- 1985	1996- 2000	1991- 1995	1986- 1990	1981- 1985
Adair	22.7	14.1	10.2	5.5	71.4	60.6	61.9	22.4	12.2	7.5	8.4	7.9	38.5	32.3	51.0	32.4
Adams	22.5	18.4	10.9	7.6	76.2	56.5	60.9	38.5	9.9	9.0	7.1	7.3	33.3	27.7	40.0	37.0
Allamakee	23.8	17.5	14.7	9.8	73.9	76.0	61.6	47.0	10.8	8.7	9.9	10.1	33.5	37.7	41.2	48.2
Appanoose	29.9	28.6	19.9	14.1	70.1	64.0	51.6	36.4	14.0	17.2	14.5	14.4	32.9	38.5	37.7	37.1
Audubon	19.0	14.7	7.3	7.4	74.2	65.2	28.9	30.0	9.3	6.0	8.6	10.1	36.5	26.8	34.4	40.9
Benton	18.4	19.7	13.2	8.4	69.8	79.7	64.9	40.4	7.3	8.6	7.5	8.9	27.5	35.0	36.9	42.9
Black Hawk	36.9	35.5	28.3	18.6	89.4	87.7	79.1	65.6	13.1	15.8	12.6	11.9	31.8	39.0	35.2	42.0
Boone	23.1	19.1	14.8	8.8	84.1	72.1	64.7	43.5	8.3	10.3	8.3	8.4	30.2	38.8	36.3	41.3
Bremer	17.8	13.9	8.9	5.6	85.4	70.0	56.0	31.7	7.7	6.3	6.0	8.2	37.1	32.0	38.2	46.3
Buchanan	21.9	19.5	13.1	8.8	82.2	72.3	59.8	36.9	8.0	9.4	8.5	11.0	29.9	34.8	38.5	46.1
Buena Vista	30.0	24.4	11.4	6.2	73.8	76.0	57.9	31.9	13.2	10.1	7.6	7.2	32.5	31.5	39.0	37.1
Butler	19.9	16.4	11.3	5.5	70.6	77.1	53.7	25.8	8.5	8.5	7.1	10.1	30.2	40.3	34.0	47.0
Calhoun	22.6	19.0	12.1	7.9	83.0	81.8	70.4	32.8	8.8	6.1	4.1	7.0	32.2	26.2	23.8	29.2
Carroll	20.9	18.8	9.4	6.5	87.2	86.1	67.4	43.5	6.8	9.0	5.7	7.5	28.5	41.2	40.5	49.6
Cass	26.1	18.3	12.1	6.8	77.2	63.8	50.7	26.9	12.0	11.0	7.3	8.5	35.3	38.5	30.7	33.7
Cedar	18.1	17.7	13.8	9.1	77.6	75.3	62.7	39.2	6.0	7.6	7.3	9.9	25.7	32.4	33.1	42.9
Cerro Gordo	31.1	26.6	19.6	11.6	87.8	82.3	72.4	45.5	9.9	11.9	9.7	8.5	27.9	36.7	35.8	33.7
Cherokee	28.6	21.3	12.8	8.0	75.3	80.6	61.7	40.0	11.5	8.3	6.5	8.6	30.4	31.6	31.4	42.7
Chickasaw	22.4	16.6	11.5	8.2	81.8	74.0	54.2	43.3	9.3	6.0	7.9	9.0	33.8	26.8	37.5	47.9
Clarke	30.2	27.8	15.7	9.2	76.6	62.3	37.1	33.3	16.3	12.8	12.5	11.7	41.3	28.8	29.5	42.6
Clay	27.7	20.4	14.0	9.4	84.9	81.4	64.4	46.5	11.0	7.8	7.2	8.4	33.7	31.0	33.3	41.5
Clayton	21.2	19.2	13.6	6.3	84.9	81.1	59.3	30.5	7.6	7.9	9.1	10.4	30.2	33.5	39.6	50.0
Clinton	34.7	30.3	20.8	11.6	87.0	83.8	68.1	47.3	13.7	12.2	11.1	11.2	34.5	33.8	36.5	45.7
Crawford	29.3	23.8	13.4	10.1	83.8	79.8	60.9	41.8	9.6	10.8	7.2	11.0	27.5	36.2	32.7	45.5
Dallas	22.3	18.4	14.8	10.1	76.6	76.9	60.2	41.9	8.4	8.3	9.1	8.5	29.0	34.7	36.8	35.6
Davis	13.4	12.6	9.8	7.2	65.3	51.2	33.3	27.2	8.4	7.2	7.1	11.6	41.0	29.2	24.1	44.0
Decatur	29.3	24.6	12.8	6.8	65.5	55.4	43.1	18.9	18.2	17.3	11.8	9.0	40.7	39.0	39.7	25.0
Delaware	19.6	15.3	10.3	5.5	87.9	85.0	64.3	42.5	8.2	7.8	6.0	6.4	36.7	43.6	37.5	49.5
Des Moines	37.2	30.6	23.6	14.3	85.5	77.2	63.7	44.4	15.1	14.2	12.8	12.4	34.6	35.9	34.6	38.6
Dickinson	24.5	20.1	13.8	7.6	84.4	68.5	61.2	38.6	9.3	7.4	8.3	8.5	32.2	25.3	36.9	43.2
Dubuque	23.1	20.8	14.8	11.1	88.7	85.7	69.5	58.1	8.5	8.3	7.5	9.0	32.4	34.1	35.2	47.1
Emmet	31.7	23.0	15.5	10.8	80.4	65.6	60.0	46.9	16.2	13.9	11.1	10.5	41.2	39.6	42.9	46.0
Fayette	27.8	20.3	11.5	9.2	87.4	61.9	58.1	37.8	11.2	10.5	8.3	10.3	35.1	32.0	42.0	42.2
Floyd	26.2	22.1	17.4	11.8	80.6	75.7	66.4	42.5	9.9	10.9	11.5	11.9	30.5	37.5	44.0	42.8
Franklin	25.3	20.4	12.7	6.1	83.3	73.1	69.1	32.9	13.0	10.7	8.1	7.8	42.8	38.6	44.2	41.8
Fremont	28.6	29.5	16.3	10.2	68.6	75.4	64.2	30.4	12.1	14.9	12.7	11.4	28.9	38.0	50.0	33.9
Greene	25.0	22.0	15.0	9.5	77.3	72.9	65.1	40.0	11.8	11.7	10.6	11.2	36.7	38.9	46.1	46.9
Grundy	14.2	13.2	7.2	6.6	91.7	71.8	58.5	37.5	5.8	6.5	5.9	6.6	37.1	35.4	48.0	37.5
Guthrie	22.2	21.1	16.5	7.6	80.4	71.0	52.1	34.7	8.6	10.7	8.4	10.3	31.0	36.0	26.6	47.3
Hamilton	26.4	20.7	12.1	9.6	85.0	75.0	51.5	40.7	11.9	11.4	9.3	10.5	38.3	41.4	39.8	44.6
Hancock	22.5	17.3	11.1	6.9	73.4	77.2	63.0	40.5	10.0	8.5	6.4	7.1	32.6	37.9	36.2	41.7
Hardin	25.1	20.1	13.1	8.2	76.9	80.7	64.6	37.7	12.3	11.2	7.2	8.1	37.7	44.7	35.4	37.4
Harrison	22.0	19.8	14.6	9.9	74.7	70.6	45.6	39.3	10.2	9.1	10.0	12.5	34.7	32.6	31.3	49.5
Henry	26.2	24.0	14.9	8.8	80.5	75.4	58.5	37.1	11.0	11.3	11.0	8.0	34.0	35.4	43.4	33.9
Howard	19.8	17.3	9.7	6.9	87.5	80.4	44.4	31.0	8.6	9.0	6.8	9.0	38.2	41.8	31.3	40.7
Humboldt	21.4	16.0	10.2	6.7	83.7	53.1	61.4	37.3	8.5	9.1	6.5	9.2	33.3	30.2	39.1	50.8
Ida	16.4	14.3	8.5	5.0	77.8	71.4	53.8	32.0	8.2	7.8	6.4	7.1	38.9	39.1	40.4	45.7
Iowa	18.2	15.9	9.2	6.6	81.5	74.2	55.9	34.8	7.1	6.1	5.8	8.4	31.7	28.4	35.1	44.3
Jackson	27.2	23.1	14.5	9.7	80.8	81.6	64.5	40.3	10.9	9.6	8.9	11.2	32.4	33.9	39.8	46.5
Jasper	22.3	19.6	13.3	10.1	79.5	72.3	53.3	37.9	9.8	9.7	8.9	11.7	34.8	35.7	35.5	44.2

Table 3. Comparisons of Births, Out-of-Wedlock Births, and Births to Teens in Iowa's Counties, 1981-2000 (continued).

County	Percent of All Births Out of Wedlock				Percent of Teen Births Out of Wedlock				Teen Births as a Percent of All Births				Teen Out-of-Wedlock Births as a Percent of All Out-of-Wedlock Births			
	1996- 2000	1991- 1995	1986- 1990	1981- 1985	1996- 2000	1991- 1995	1986- 1990	1981- 1985	1996- 2000	1991- 1995	1986- 1990	1981- 1985	1996- 2000	1991- 1995	1986- 1990	1981- 1985
	Jefferson	24.0	19.5	12.7	7.0	69.5	65.2	65.1	32.6	10.2	7.6	6.3	8.1	29.4	25.3	32.3
Johnson	16.9	12.1	9.8	6.9	79.9	78.4	71.4	44.3	4.7	3.8	3.9	4.0	22.3	24.5	28.1	25.9
Jones	25.3	20.5	15.5	10.4	84.7	81.3	69.1	35.2	10.6	8.1	7.0	9.1	35.6	32.2	31.1	30.6
Keokuk	21.4	18.0	10.5	5.8	76.8	59.5	38.9	20.5	10.1	10.0	9.7	9.9	36.3	33.1	35.9	34.6
Kossuth	19.0	14.7	9.2	5.4	73.5	72.1	56.3	39.3	8.1	6.0	7.7	7.4	31.4	29.5	47.0	54.1
Lee	37.8	31.5	24.7	16.6	87.7	77.3	68.0	48.6	14.8	14.6	13.2	13.9	34.2	36.0	36.3	40.6
Linn	25.1	23.2	19.5	13.8	85.6	83.8	73.4	58.1	8.3	9.6	9.8	9.4	28.5	34.8	36.8	39.6
Louisa	29.2	29.5	17.0	9.3	69.9	72.2	55.3	34.6	13.3	12.0	11.1	12.1	31.7	29.3	36.2	45.0
Lucas	25.0	23.0	15.5	12.8	75.0	64.3	40.0	35.8	11.7	10.1	13.1	14.5	35.0	28.1	33.7	40.5
Lyon	12.0	8.3	5.7	3.1	65.5	47.7	34.0	22.7	7.3	5.5	6.1	6.4	40.0	31.8	36.7	46.9
Madison	18.9	16.8	11.8	7.6	81.7	58.0	37.5	32.9	6.9	8.7	9.4	9.7	29.9	30.1	30.0	42.4
Mahaska	24.9	21.6	16.6	9.4	72.1	63.2	52.1	39.8	11.9	11.0	10.7	10.3	34.4	32.3	33.7	43.6
Marion	19.1	16.8	10.7	8.8	71.0	69.2	52.8	35.1	9.5	10.2	8.4	11.2	35.3	41.8	41.5	45.0
Marshall	30.6	27.2	17.2	10.2	74.5	76.2	67.4	45.1	14.1	12.2	8.8	8.7	34.3	34.1	34.3	38.3
Mills	26.8	26.3	17.5	11.7	88.5	73.5	62.7	36.8	9.3	12.4	9.4	11.5	30.7	34.7	33.6	36.4
Mitchell	16.9	14.3	10.2	6.7	76.1	68.5	68.9	39.5	7.1	7.7	6.7	10.2	31.8	37.0	44.9	60.4
Monona	29.9	24.6	18.6	8.9	79.7	65.5	55.4	37.3	14.3	13.7	9.8	11.2	38.1	36.5	29.2	47.0
Monroe	23.6	21.8	16.4	9.9	74.5	73.0	59.3	26.6	11.7	14.7	11.5	10.7	36.9	49.1	41.7	28.8
Montgomery	30.2	23.5	15.0	8.2	74.0	59.0	62.0	32.6	10.3	13.1	9.5	9.7	25.2	32.8	39.3	38.4
Muscatine	32.3	27.7	19.8	14.2	76.1	71.7	52.9	39.1	16.7	13.4	12.9	14.9	39.4	34.8	34.5	41.2
O'Brien	18.8	14.7	7.6	5.9	73.5	65.4	52.2	20.4	10.8	11.4	7.1	8.9	42.1	50.7	48.6	30.7
Osceola	18.6	14.5	7.4	4.2	79.4	78.8	60.0	22.0	8.9	7.6	6.3	6.9	38.0	41.3	51.4	36.0
Page	29.3	27.1	16.8	11.0	72.0	72.6	54.2	36.7	12.9	13.1	12.0	12.6	31.6	35.0	38.7	41.9
Palo Alto	24.6	17.8	11.1	7.1	89.1	76.3	58.7	31.3	10.2	11.0	7.4	8.7	36.8	47.4	39.1	38.2
Plymouth	21.9	16.9	11.0	5.4	84.8	76.2	64.3	32.6	8.9	7.9	7.4	6.9	34.6	35.6	43.3	41.7
Pocahontas	25.1	17.0	8.8	5.3	85.7	76.5	64.3	41.7	11.3	7.7	4.7	6.2	38.7	34.7	34.0	48.8
Polk	27.5	26.8	22.9	17.0	83.8	84.6	73.6	57.9	10.1	10.5	10.9	11.2	30.7	33.1	35.1	38.2
Pottawattamie	36.7	32.1	24.9	17.9	83.9	77.9	68.0	54.2	13.9	14.3	12.7	14.6	31.8	34.8	34.6	44.3
Poweshiek	25.6	21.4	14.5	8.3	82.2	81.6	50.5	32.5	11.0	9.5	8.5	9.8	35.5	36.2	29.9	38.0
Ringgold	20.1	19.3	9.7	7.1	54.8	57.1	35.7	19.5	10.6	12.0	5.4	9.8	28.8	35.6	20.0	26.7
Sac	23.9	18.8	10.4	6.5	87.1	89.8	54.7	34.2	9.3	8.9	7.1	7.7	34.0	42.4	37.7	40.3
Scott	36.3	34.5	28.1	18.5	90.2	87.1	80.1	65.2	13.3	14.8	13.1	12.0	33.1	37.2	37.2	42.1
Shelby	19.6	14.7	8.4	5.7	82.7	78.0	64.6	33.3	7.6	7.6	5.7	8.0	31.9	40.4	43.7	46.7
Sioux	11.3	8.5	5.0	2.4	60.1	57.4	43.0	19.3	7.2	6.7	5.9	6.2	38.7	45.3	50.9	50.8
Story	13.6	11.8	7.9	5.0	69.3	68.0	46.7	31.8	5.5	4.8	4.5	5.4	28.0	27.3	26.7	34.4
Tama	31.7	25.4	17.9	12.0	81.1	76.8	72.8	55.2	14.2	12.2	9.4	11.0	36.2	36.8	38.1	50.3
Taylor	23.9	15.5	10.5	5.7	56.5	55.3	33.3	17.2	12.3	10.5	10.5	10.6	29.2	37.5	33.3	32.3
Union	26.9	25.9	17.7	14.4	69.1	63.7	55.2	46.4	11.2	12.7	8.6	10.5	28.9	31.2	27.0	33.8
Van Buren	21.1	19.9	10.2	7.9	73.0	63.6	40.0	22.0	13.9	9.2	9.0	10.1	47.9	29.5	35.3	28.3
Wapello	33.1	28.6	21.0	15.1	72.1	64.3	53.7	41.4	14.7	14.3	14.2	14.6	32.0	32.1	36.4	40.2
Warren	21.1	17.9	11.8	8.4	82.2	71.2	54.4	36.4	8.6	8.9	8.5	10.0	33.5	35.4	39.3	43.8
Washington	16.3	15.4	12.7	8.1	70.5	73.1	60.8	34.1	6.5	7.7	8.6	8.5	28.2	36.4	40.9	35.9
Wayne	19.9	17.2	13.8	7.6	58.3	59.6	40.0	31.1	14.5	12.5	12.5	12.9	42.4	43.1	36.4	52.8
Webster	37.2	30.7	22.6	17.2	86.5	79.9	71.6	58.7	13.3	12.4	11.8	12.7	30.9	32.4	37.2	43.2
Winnebago	26.6	21.7	10.9	6.9	79.7	76.6	69.7	30.5	10.4	9.6	8.3	9.7	31.3	33.8	52.9	43.1
Winneshiek	18.5	12.8	7.7	6.3	84.3	77.5	58.1	31.8	7.0	5.8	4.6	7.2	32.1	35.3	34.3	36.1
Woodbury	36.4	33.9	27.6	19.5	81.0	79.0	76.0	59.2	14.1	14.7	13.0	13.0	31.3	34.2	35.8	39.4
Worth	22.4	17.9	16.0	8.2	82.9	77.3	70.0	30.6	10.0	9.5	7.9	6.0	37.0	41.0	34.6	22.4
Wright	25.2	21.7	13.2	9.8	74.4	69.3	70.6	37.8	10.7	9.2	7.3	11.5	31.5	29.5	39.3	44.6
State of Iowa	27.0	24.0	17.9	12.0	81.9	78.5	66.7	47.8	10.6	10.7	9.7	10.2	32.1	34.9	36.0	40.7

20 occurred in Black Hawk, Linn, Pottawattamie, and Scott. Eighty-two counties reported changes of less than 10 in either direction.

Out-of-Wedlock Births to Teens

Teen births out of wedlock numbered 3,201 in the state in 2000, a decrease from the 3,275 in 1999 (Table 2). The change between 1990 and 2000 was more dramatic, with 354 more teen out-of-wedlock births at the end of the period than at the beginning. In 2000, Black Hawk, Linn, Polk, Pottawattamie, Scott, and Woodbury, the only counties with at least 100 out-of-wedlock births to teens, accounted for 45.3 percent of all out-of-wedlock teen births.

Differences in teen out-of-wedlock births between 1990 and 2000 ranged from a decline of more than 20 in Black Hawk and Scott to gains of more than 20 in Marshall, Muscatine, and Polk. Twenty-seven counties had fewer teen out-of-wedlock births in 2000 than in 1990, five had the same number in both years, and 67 counties showed an increase. For 83 of the counties, the change in either direction was less than 10 teen out-of-wedlock births.

The combination of fewer births to teens along with an increase in the number of teen out-of-wedlock births resulted in an increase in the proportion of teen births in Iowa that were out of wedlock (Table 3, Figure 1). In 1981-1985, 47.8 percent of teen births were out of wedlock. By 1996-2000, more than four of every five (81.9%) were out of wedlock (Figure 3).

Births to Teens Compared with Total Births

The percentage of total births that were to teens in 1981-1985 (10.2%) remained about the same through the following five-year periods, with 1996-2000 having a nearly identical figure (10.6%) (Table 3). In 1996-2000, the percentages of the total births that were to teens ranged from less than 10 in 44 counties to at least 15 in five others, with Decatur the highest at 18.2 percent.

Teens tended to have a much higher percentage of their births out of wedlock than the population overall. The percentage of teen births that were out of wedlock was significantly higher than the percentage of all births that were out of wedlock no matter what period was examined (Table 3).

Still, teen out-of-wedlock births as a percent of all out-of-wedlock births declined across the five-year periods noted in Table 3. This suggests that, while the focus on out-of-wedlock births usually is directed toward teens, recent trends suggest that attention should be given toward other age groups as well. Since 1985, for example, in only one year has the number of out-of-wedlock births to teens been greater in number than those to women 20-24 years of age (Figure 4). And out-of-wedlock births have been increasing rapidly among those 25 and older. Indeed, when 1980 and 2000 were compared, out-of-wedlock births increased by 2,171 among women 25 or older, 2,717 among those 20-24 years of age, and only 927 among those 19 or younger.

Figure 1. Percent of births out of wedlock in Iowa, 1950–2000.

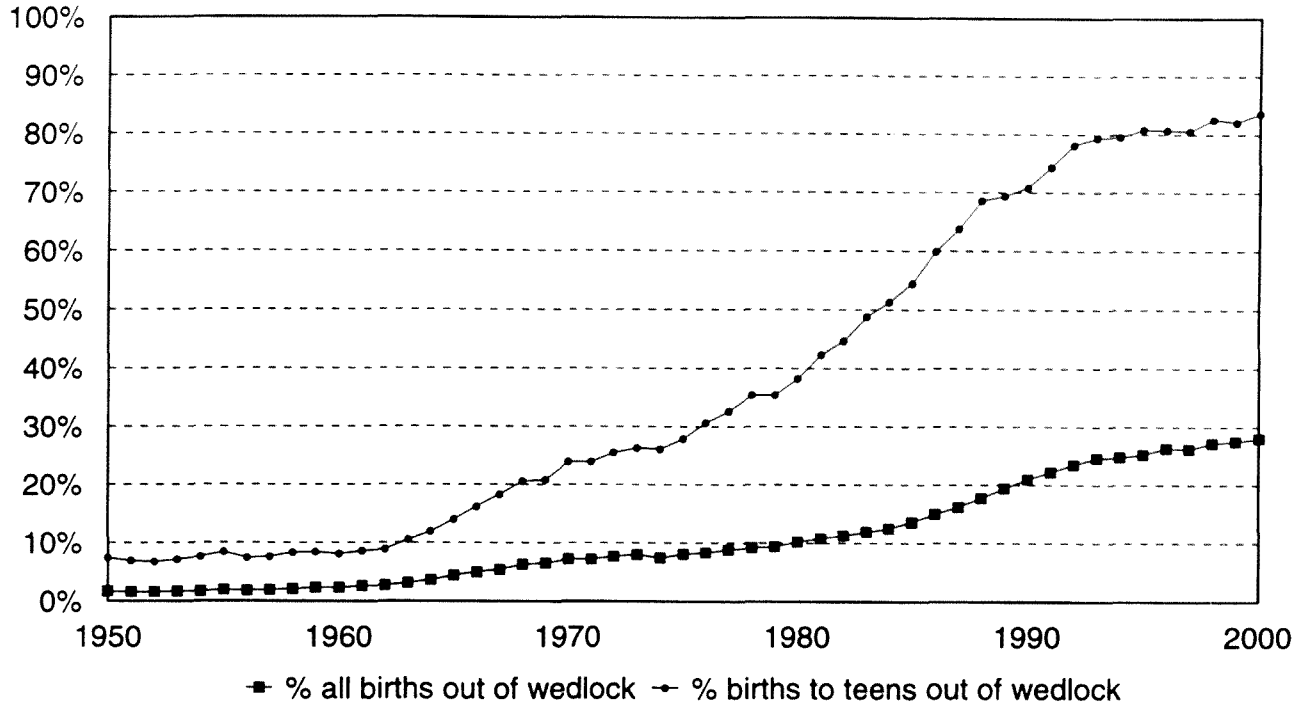


Figure 2. Percent of births out of wedlock, 1996–2000.

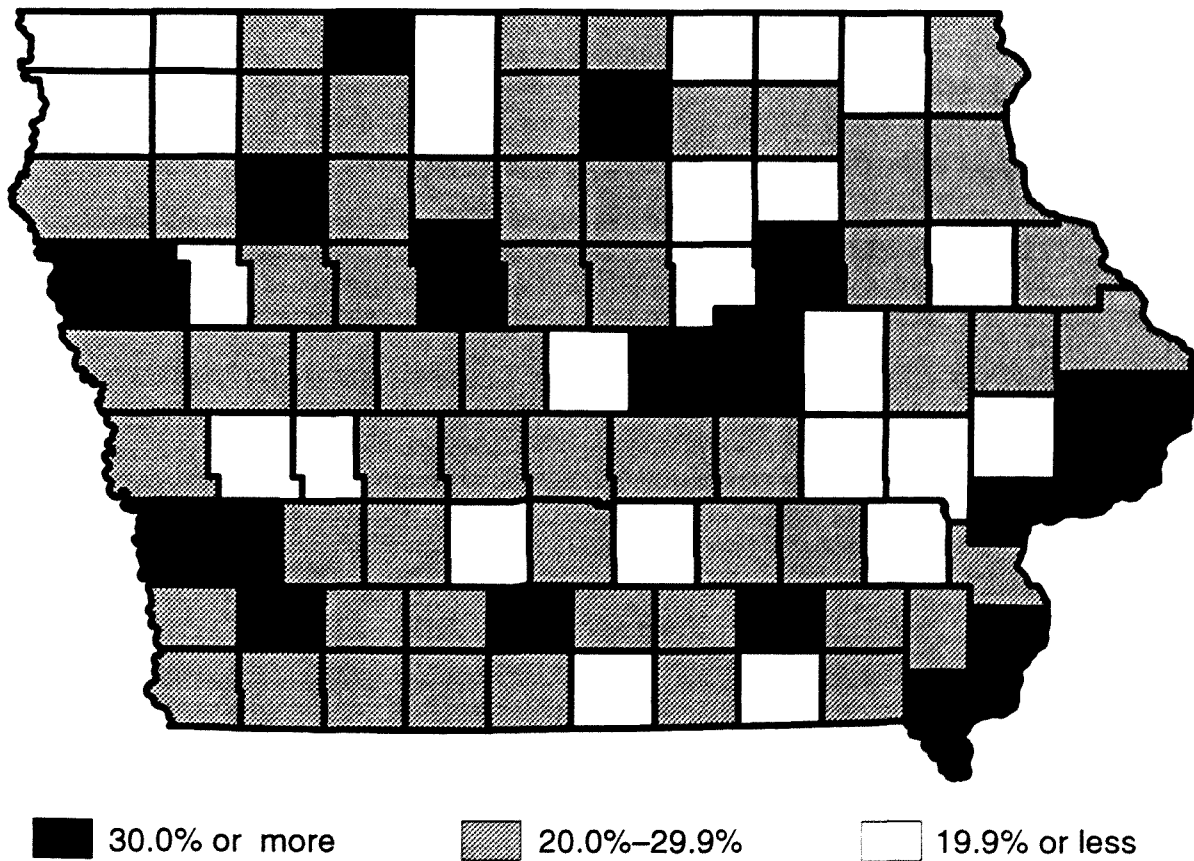


Figure 3. Percent of births to teens out of wedlock, 1996–2000.

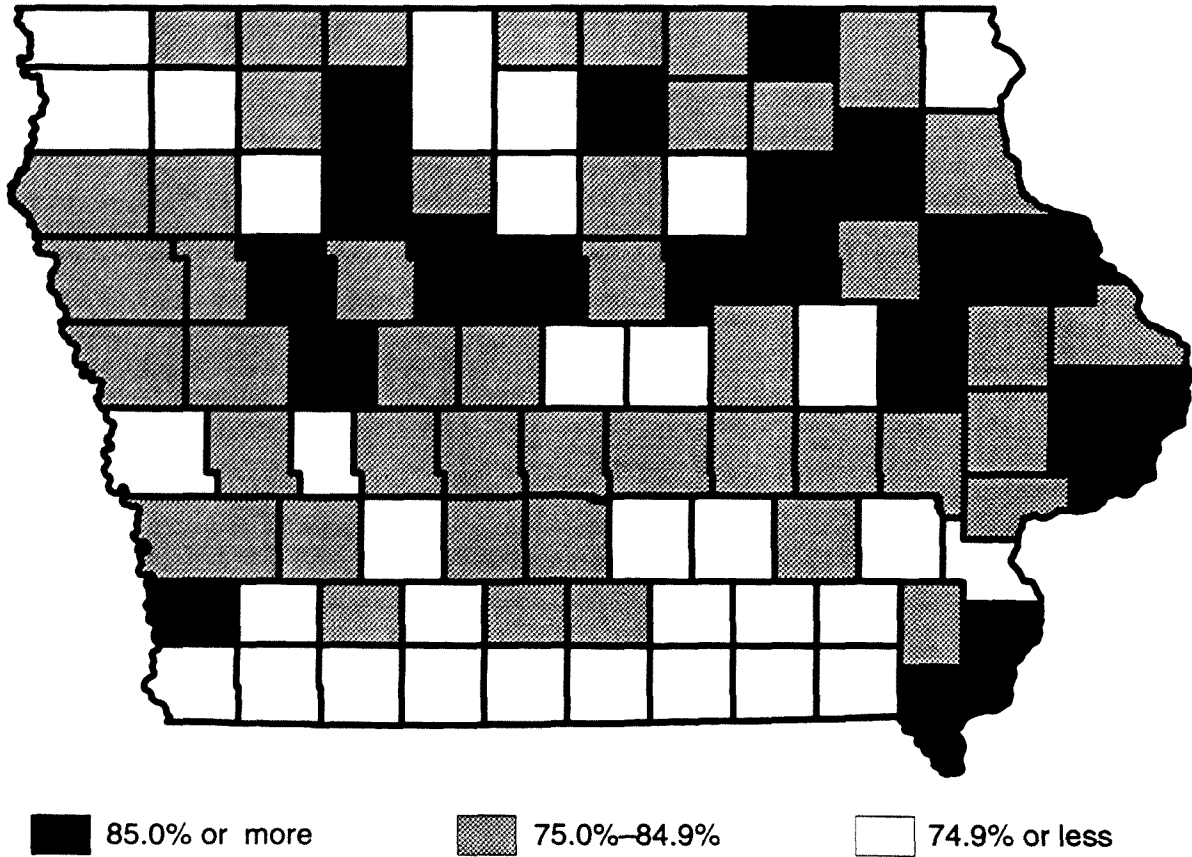
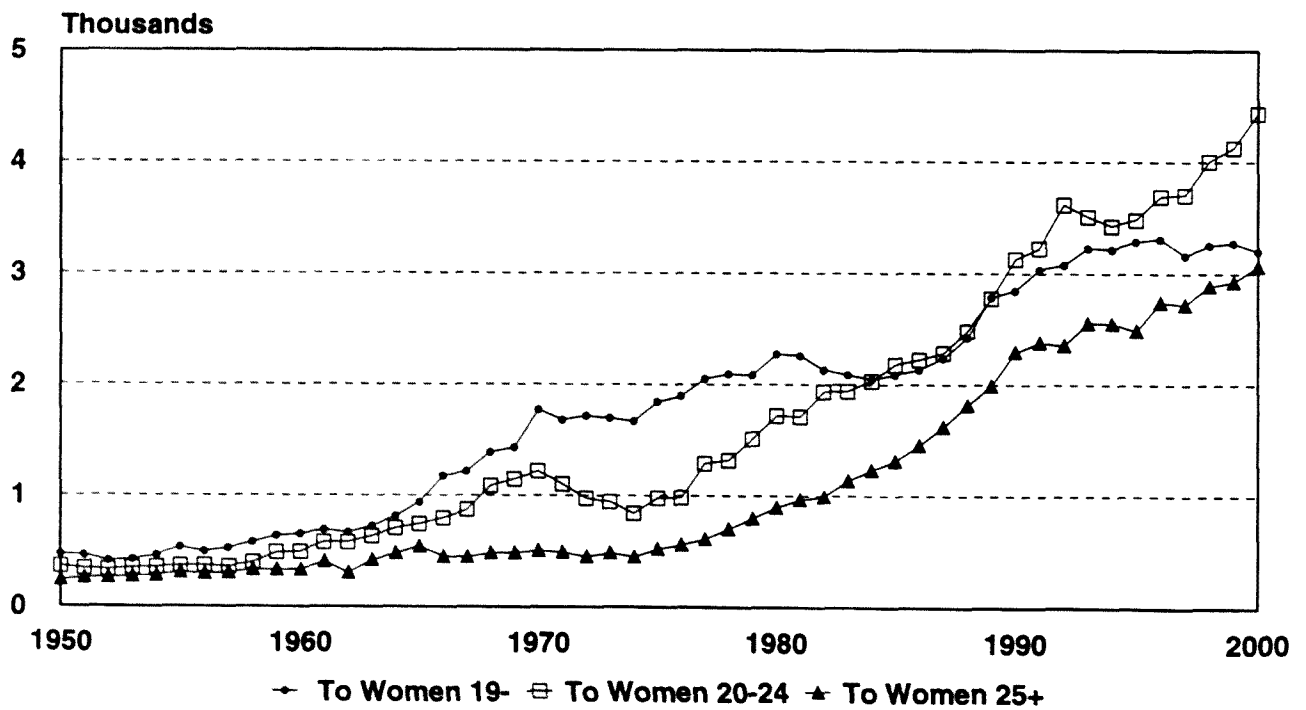


Figure 4. Number of births out of wedlock by age categories in Iowa, 1950–2000.



Low Birth Weight Live Births in Iowa's Counties: 1980-1999

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Birth weight is included in information reported to the Iowa Department of Public Health on each live birth. Low birth weight is defined as those live births in which the baby weighs less than 2,500 grams (5.5 pounds). The numbers of low birth weight live births are recorded based on the county of residence of the mother.

More than 11,600 low birth weight live births were reported during the five years from 1995 through 1999 (Table 1). Polk (1,913) had the highest number during this period. Four others (Black Hawk, Linn, Scott, Woodbury) each reported at least 500 such births. Together, these five counties accounted for 39.2 percent of all low birth weight live births. Forty-four counties had fewer than 50 such births during these five years. During the period from 1980 through 1984, there were nearly 11,100 low birth weight live births recorded in the state; 42 counties had fewer than 50 such births while four others (Black Hawk, Linn, Polk, Scott) had more than 500 during those five years.

Slightly more than half (52) of Iowa's 99 counties reported fewer low birth weight live births in the 1995-1999 period than in 1980-1984. The state, however, had 547 more of these births in the most recent period than from 1980 through 1984.

The numbers of low birth weight live births changed relatively little across the five-year periods reported. Total live births decreased substantially across the last two decades, however. Thus, to better compare the time periods, percentages were calculated (number of low birth weight live births divided by the total number of live births with the result multiplied by 100). For the 1995-1999 period, for example, 6.3 percent of all live births involved low birth weights; percentages ranged from 3.3 in O'Brien to 8.8 in Clarke (Table 1). Nearly two-thirds (64) of the counties had from 5.0 to 6.9 percent low birth weight live births from 1995 through 1999.

When the percentages of low birth weight live births were examined across five-year periods from 1980-1984 through 1995-1999, an increase was evident (Figures 1 and 2). In 1980-1984, 4.9 percent of live births involved low birth weights. For the 1995-1999 period, the percentage was 6.3. Low birth weight live births increased by more than 1 per every 100 live births from the early 1980s to the late 1990s.

All counties except eight matched the state's pattern of increasing low birth weight live birth percentages when the 1980-1984 and 1995-1999 periods are compared. In Adair, Emmet, Keokuk, Louisa, and O'Brien, percentages declined, although only in Keokuk was the decrease as great as 1 point. In 28 counties, percentages increased by at least 2.0 points from the earliest to the latest period reported in Table 1. In Clarke, Ida, Kossuth, Osceola, Ringgold, and Shelby, at least 3 more low birth weight live births for every 100 total live births occurred in 1995-1999 than had been reported for 1980-1984.

Note: See an annual publication called VITAL STATISTICS OF IOWA for additional data on births (Iowa Department of Public Health, Lucas State Office Building, Des Moines, IA 50319).

Table 1. Number and Percent of Low Birth Weight Live Births in Iowa's Counties, 1980-1999.

County	Number of Low Birth Weight Live Births				Percent of Low Birth Weight Live Births*			
	1995-1999	1990-1994	1985-1989	1980-1984	1995-1999	1990-1994	1985-1989	1980-1984
Adair	14	19	30	30	3.9	4.1	5.7	4.5
Adams	11	19	13	11	5.1	6.8	3.9	2.9
Allamakee	39	40	49	42	4.6	4.5	4.7	3.6
Appanoose	59	46	39	55	7.7	5.6	4.5	5.3
Audubon	20	24	25	21	5.6	6.0	5.4	3.3
Benton	87	81	67	74	6.1	5.2	4.6	4.4
Black Hawk	586	606	525	642	7.4	7.2	6.1	5.8
Boone	111	84	93	92	7.4	5.5	5.8	5.0
Bremer	59	63	53	74	5.1	5.0	4.1	4.1
Buchanan	97	85	73	88	6.6	5.6	4.5	4.1
Buena Vista	81	77	81	61	6.8	5.9	5.7	3.9
Butler	44	47	50	35	5.5	5.6	5.2	2.7
Calhoun	41	31	27	52	7.6	5.6	4.0	5.9
Carroll	83	61	72	97	6.5	4.4	4.3	4.8
Cass	47	42	47	63	6.2	4.7	5.0	5.0
Cedar	45	68	63	49	4.7	6.6	6.0	3.7
Cerro Gordo	195	178	162	152	7.0	5.8	4.9	4.3
Cherokee	30	44	35	45	4.6	5.4	3.8	3.9
Chickasaw	45	47	38	50	6.5	5.3	4.3	4.1
Clarke	42	25	33	32	8.8	5.2	5.8	5.3
Clay	68	50	37	78	7.0	4.4	3.0	4.9
Clayton	60	55	51	70	6.1	4.7	3.9	4.3
Clinton	204	210	201	208	6.4	6.2	5.7	4.9
Crawford	70	62	56	72	6.9	6.1	4.5	4.8
Dallas	148	124	95	108	5.9	5.8	4.6	4.8
Davis	25	33	34	25	4.6	5.4	5.7	3.5
Decatur	22	28	35	18	4.6	5.9	6.9	3.0
Delaware	59	62	63	69	5.4	4.6	4.4	4.0
Des Moines	169	158	174	210	6.3	5.6	6.1	6.0
Dickinson	54	45	42	48	6.7	6.0	5.1	4.7
Dubuque	339	303	272	324	5.8	5.0	4.5	4.4
Emmet	31	40	30	54	5.1	5.9	4.3	5.4
Fayette	73	85	64	100	5.9	6.0	4.5	5.2
Floyd	58	60	39	51	5.8	5.8	3.6	3.9
Franklin	37	28	35	36	6.1	4.4	4.8	3.9
Fremont	26	28	24	32	6.1	5.8	4.4	5.2
Greene	37	37	28	41	6.4	6.3	4.4	4.6
Grundy	39	32	23	41	6.6	4.9	3.3	4.4
Guthrie	30	33	28	24	4.7	5.1	4.9	3.0
Hamilton	63	62	58	54	6.2	6.0	5.5	4.4
Hancock	38	33	37	40	6.0	4.6	4.3	3.6
Hardin	66	71	56	76	6.1	6.9	4.8	4.8
Harrison	52	47	53	41	6.0	5.0	5.0	3.7
Henry	69	75	66	62	5.7	6.0	5.5	4.5
Howard	36	20	24	42	6.4	3.4	3.6	5.0
Humboldt	25	34	29	39	4.3	6.3	4.0	4.2
Ida	34	16	31	34	7.7	3.3	4.9	4.7
Iowa	58	44	53	43	6.3	4.2	5.4	3.9
Jackson	55	70	70	80	4.5	5.4	4.8	4.5
Jasper	118	135	121	107	5.5	6.1	5.4	4.3

*Percent = (Number of Low Birth Weight Live Births/Total Number of Live Births) x 100

Table 1. Number and Percent of Low Birth Weight Live Births in Iowa's Counties, 1980-1999 (continued).

County	Number of Low Birth Weight Live Births				Percent of Low Birth Weight Live Births*			
	1995-1999	1990-1994	1985-1989	1980-1984	1995-1999	1990-1994	1985-1989	1980-1984
Jefferson	49	55	60	53	6.0	6.0	5.8	4.8
Johnson	405	347	300	285	6.3	5.1	4.6	4.4
Jones	65	59	46	77	6.4	4.8	3.8	5.5
Keokuk	30	43	35	53	4.5	5.8	4.6	5.5
Kossuth	64	55	39	50	7.6	5.0	3.1	2.9
Lee	158	140	146	162	6.8	5.6	5.5	5.1
Linn	742	697	656	643	5.7	5.4	5.4	4.9
Louisa	43	32	37	48	5.0	4.0	5.0	5.4
Lucas	34	32	25	32	6.4	5.6	4.7	4.5
Lyon	38	26	27	37	5.2	3.1	3.1	3.4
Madison	58	35	38	41	7.0	4.4	4.9	5.0
Mahaska	79	81	74	82	5.7	5.8	4.8	4.7
Marion	94	110	102	93	4.9	5.6	5.2	4.3
Marshall	143	149	124	149	5.4	6.0	4.9	4.7
Mills	57	49	57	61	6.8	6.1	6.8	6.3
Mitchell	26	28	22	24	4.0	4.0	3.2	2.8
Monona	21	38	31	30	3.8	6.1	5.5	3.7
Monroe	33	40	34	28	7.2	7.5	6.7	4.5
Montgomery	49	54	34	47	6.7	7.1	4.6	5.0
Muscatine	181	179	186	155	6.0	5.5	6.0	4.4
O'Brien	30	43	29	55	3.3	4.7	3.0	4.1
Osceola	23	18	17	17	5.8	4.1	3.5	2.7
Page	63	50	51	81	6.8	5.6	4.9	6.7
Palo Alto	28	34	24	43	5.3	6.4	3.4	4.4
Plymouth	85	90	68	97	5.5	5.7	4.0	4.6
Pocahontas	18	19	35	32	4.9	3.8	5.5	4.2
Polk	1913	1785	1571	1486	6.6	6.5	6.1	5.9
Pottawattamie	449	398	398	451	7.7	6.3	6.1	6.3
Poweshiek	54	55	68	64	5.6	5.0	6.4	5.2
Ringgold	23	16	11	18	8.2	7.2	3.8	4.2
Sac	44	33	50	48	6.6	4.9	6.5	4.8
Scott	722	729	760	806	6.4	6.1	6.3	5.8
Shelby	45	45	40	38	6.5	5.6	4.8	3.4
Sioux	98	85	68	78	4.9	4.0	2.9	2.7
Story	265	225	201	226	6.1	5.2	4.2	4.3
Tama	55	43	44	64	4.7	3.9	3.9	4.7
Taylor	20	21	17	23	5.5	5.6	4.3	3.9
Union	56	30	44	55	7.5	4.2	5.7	5.6
Van Buren	26	20	27	29	6.0	4.1	5.2	4.8
Wapello	145	120	135	185	7.0	5.2	5.9	6.8
Warren	154	151	124	121	6.3	6.1	5.1	4.8
Washington	84	52	79	41	5.7	3.7	5.6	2.7
Wayne	23	16	21	25	6.9	4.2	5.1	5.0
Webster	157	168	170	156	6.2	6.0	5.7	4.5
Winnebago	40	34	41	36	6.1	5.0	5.0	4.1
Winneshiek	50	46	59	75	4.8	3.7	4.3	4.8
Woodbury	593	484	473	485	7.1	5.9	6.1	5.7
Worth	32	24	28	31	7.7	5.1	5.3	5.1
Wright	52	53	48	60	6.7	6.0	5.3	5.5
State of Iowa	11615	10903	10278	11068	6.3	5.7	5.3	4.9

Figure 1. Low birth weight live births as a percent of total live births, 1980–1984.

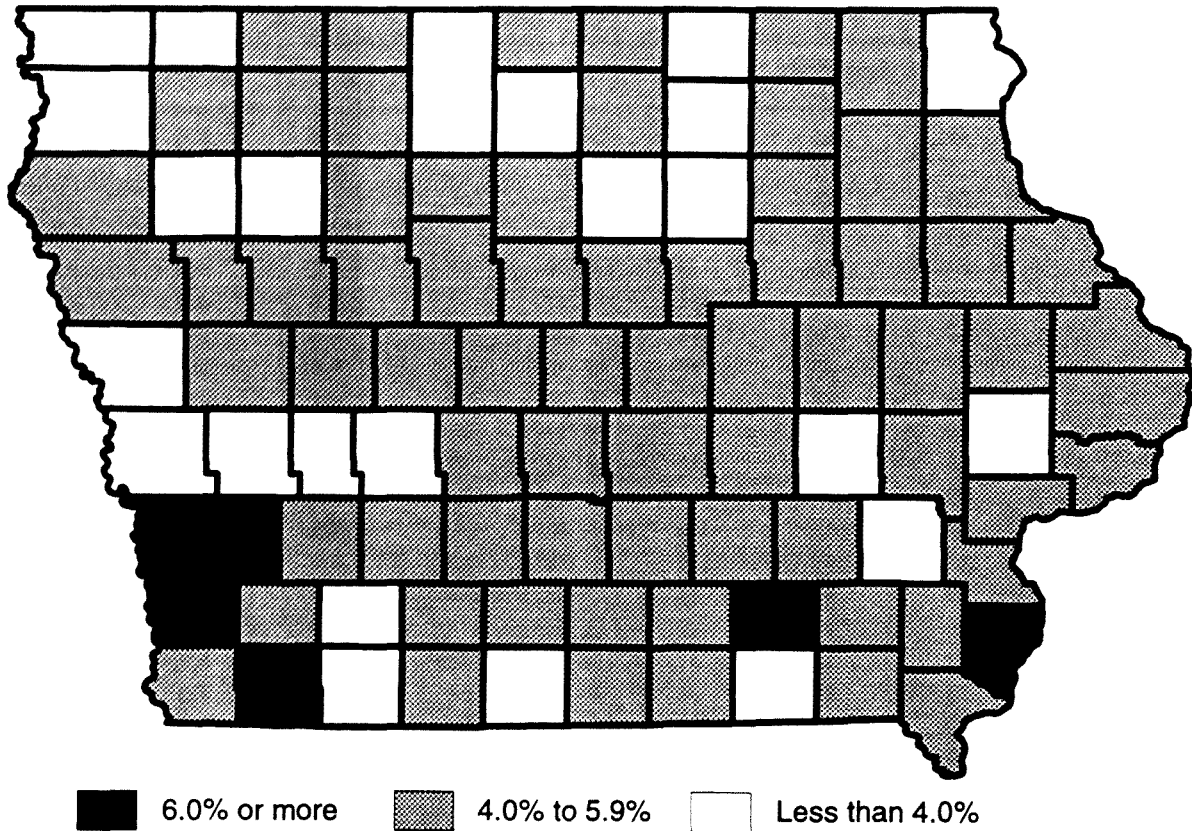
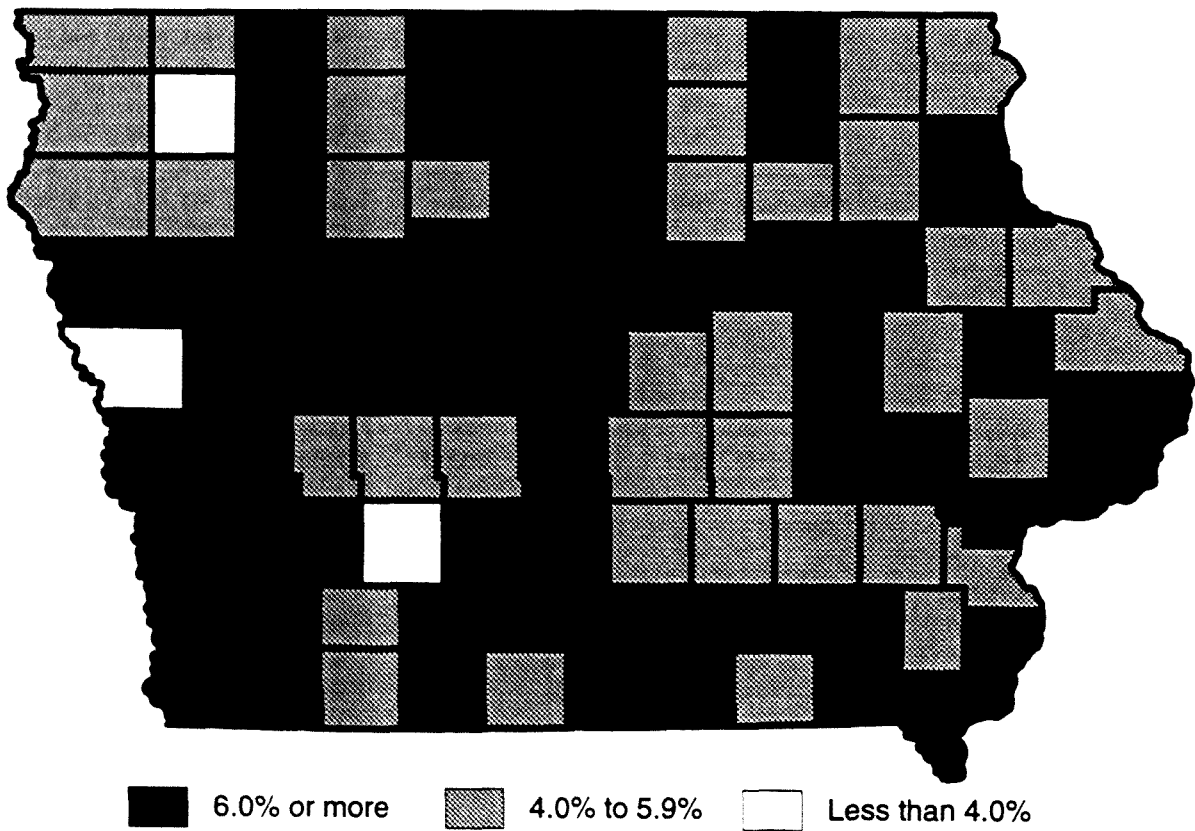


Figure 2. Low birth weight live births as a percent of total live births, 1995–1999.



Infant Mortality in Iowa's Counties: 1981-2000

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In 2000, 241 infants died before they reached one year of age in the State of Iowa (Table 1), according to records kept by the Iowa Department of Public Health. That was an increase of 28 from 1999 (Figure 1). When summed across five-year periods, declines in the number of infant deaths occurred from 1981-1985 through 1996-2000. Indeed, the decrease was 874 (42.4%) from the initial to the most recent period reported, with the greatest drop between the early and late 1980s. Deaths are reported for the county of residence of the deceased.

A total of 6,335 infants died during the 20 years from 1981 through 2000. Polk (1,022) had the highest number during this period. Eleven others each reported at least 100 infant deaths. Twenty-four counties had fewer than 20 infant deaths during these 20 years, or an average of less than one per year.

Infant mortality rates are reported as the number of deaths to infants under one year of age for every 1,000 live births (infant deaths divided by live births, with the result multiplied by 1,000) (Figure 2). For the 1996-2000 period, the infant mortality rate was 6.3 (or 6.3 infant deaths for every 1,000 live births in Iowa) (Table 1). When infant deaths and live births were accumulated for the years 1981 through 1985, the infant mortality rate was 9.5; the rate declined to 8.5 for 1986-1990, and 7.7 for 1991-1995. Eighteen counties matched the state's pattern of declining mortality rates across the four subperiods. But three others (Henry, Montgomery, Union) had rates that increased through the four sets of years. Rather large fluctuations occurred in some counties, primarily because of the small numbers of infant deaths or live births even when data for several years were summed. That suggests that great caution should be taken in drawing conclusions from a single year of infant mortality figures in any county.

Two-fifths (40) of Iowa's 99 counties had infant mortality rates exceeding the state figure of 6.3 for the 1996-2000 period. Nine counties reported rates of 10.0 or higher, although Greene and Worth were the only ones with rates greater than 12.0. Those in 17 counties were less than half that of the state, with Calhoun, Guthrie, Monona reporting no infant deaths from 1996 through 2000.

Note: See an annual publication called VITAL STATISTICS OF IOWA for additional data on deaths (Iowa Department of Public Health, Lucas State Office Building, Des Moines, IA 50319).

Table 1. Infant Mortality and Infant Mortality Rates Per 1,000 Live Births in Iowa's Counties, 1981-2000.

County	Infant Mortality									Infant Mortality Rates			
	2000	1999	1998	1997	1996	1996- 2000	1991- 1995	1986- 1990	1981- 1985	1996- 2000	1991- 1995	1986- 1990	1981- 1985
Adair	0	1	0	0	0	1	4	1	2	2.9	9.1	2.0	3.2
Adams	0	0	0	0	1	1	2	3	4	4.7	7.8	9.3	11.3
Allamakee	0	1	1	2	1	5	7	3	8	5.9	8.1	3.0	7.0
Appanoose	0	0	0	2	1	3	9	7	8	3.9	11.2	8.3	8.1
Audubon	1	0	0	0	0	1	4	4	8	3.0	10.5	9.1	13.4
Benton	2	1	4	3	0	10	14	9	11	6.8	9.1	6.1	6.9
Black Hawk	11	8	10	15	9	53	67	74	109	6.6	8.1	8.8	10.2
Boone	4	1	2	1	1	9	13	12	20	5.9	8.7	7.5	11.4
Bremer	2	0	2	0	1	5	5	8	10	4.4	4.0	6.5	5.9
Buchanan	0	2	3	1	2	8	12	11	23	5.4	8.0	7.1	11.3
Buena Vista	0	1	1	2	1	5	2	9	12	4.1	1.6	6.4	7.7
Butler	1	1	0	0	0	2	5	4	11	2.5	6.1	4.3	9.2
Calhoun	0	0	0	0	0	0	3	5	10	0.0	5.5	7.6	12.1
Carroll	0	0	0	2	2	4	7	10	11	3.2	5.2	6.2	5.6
Cass	1	0	1	1	0	3	4	8	15	3.9	4.7	8.5	12.3
Cedar	0	0	1	1	2	4	8	9	11	4.1	7.9	8.8	8.4
Cerro Gordo	4	1	0	6	3	14	19	23	28	5.1	6.4	7.1	7.9
Cherokee	0	2	0	1	0	3	1	10	8	4.5	1.3	10.8	7.2
Chickasaw	0	1	0	1	0	2	6	4	10	2.8	7.2	4.4	8.7
Clarke	1	0	1	0	0	2	2	4	9	4.2	4.2	7.1	15.3
Clay	1	2	1	1	1	6	5	11	12	6.2	4.5	9.2	8.0
Clayton	1	0	0	0	2	3	10	9	11	3.1	8.8	7.2	7.0
Clinton	4	3	6	3	3	19	24	22	28	6.1	7.2	6.4	6.9
Crawford	1	3	0	2	1	7	6	10	21	6.8	6.2	8.3	14.6
Dallas	4	1	2	3	4	14	16	21	17	5.4	7.3	10.2	7.8
Davis	1	0	0	0	1	2	2	2	5	3.4	3.5	3.4	7.2
Decatur	1	1	1	0	1	4	6	1	2	8.4	12.5	2.0	3.4
Delaware	1	1	2	1	0	5	3	16	15	4.5	2.4	11.4	9.0
Des Moines	4	1	3	2	4	14	17	25	39	5.2	6.2	9.0	11.5
Dickinson	0	2	0	0	0	2	8	6	7	2.4	11.0	7.5	7.2
Dubuque	9	5	6	3	7	30	35	51	59	5.1	5.8	8.4	8.4
Emmet	2	0	0	0	1	3	2	8	14	4.8	3.1	11.8	15.1
Fayette	0	0	0	2	2	4	9	11	18	3.3	6.4	7.8	10.0
Floyd	0	0	0	2	0	2	4	1	15	2.0	3.9	0.9	11.6
Franklin	1	0	0	0	1	2	5	6	8	3.3	8.0	8.8	8.9
Fremont	1	1	1	1	0	4	4	5	4	9.5	8.6	9.5	6.6
Greene	1	2	2	1	1	7	3	4	7	12.6	5.0	6.7	8.2
Grundy	2	0	0	1	0	3	5	3	8	4.8	8.3	4.3	9.4
Guthrie	0	0	0	0	0	0	5	3	7	0.0	7.8	5.3	9.6
Hamilton	2	1	2	1	1	7	8	10	6	6.9	7.9	9.4	5.1
Hancock	1	0	1	0	0	2	4	5	10	3.1	6.0	5.9	9.6
Hardin	3	0	1	1	1	6	5	8	12	5.7	4.7	7.3	8.0
Harrison	0	0	0	2	1	3	3	4	9	3.4	3.2	3.9	8.3
Henry	2	3	0	3	3	11	9	8	7	9.1	7.1	6.5	5.3
Howard	1	0	3	0	0	4	1	4	5	7.2	1.8	6.1	6.3
Humboldt	0	1	0	0	0	1	3	8	5	1.7	5.6	11.8	5.5
Ida	1	0	1	0	3	5	8	3	5	11.4	17.9	4.9	7.1
Iowa	1	2	1	1	2	7	3	14	8	7.6	2.9	13.7	7.5
Jackson	3	0	4	0	0	7	12	14	13	5.9	9.2	10.3	7.4
Jasper	2	4	3	5	1	15	18	16	21	6.8	8.2	7.3	8.7

Table 1. Infant Mortality and Infant Mortality Rates Per 1,000 Live Births in Iowa's Counties, 1981-2000 (cont.).

County	Infant Mortality									Infant Mortality Rates			
	2000	1999	1998	1997	1996	1996-2000	1991-1995	1986-1990	1981-1985	1996-2000	1991-1995	1986-1990	1981-1985
Jefferson	0	0	1	0	2	3	10	4	10	3.7	11.5	4.0	9.1
Johnson	7	7	10	10	9	43	50	54	71	6.6	7.6	8.2	10.9
Jones	0	0	0	0	4	4	5	10	7	3.8	4.2	8.6	5.1
Keokuk	0	0	1	0	0	1	4	7	11	1.5	5.4	9.4	12.3
Kossuth	1	2	0	3	0	6	8	8	13	7.2	7.9	6.4	8.2
Lee	4	6	3	3	4	20	26	24	32	8.9	10.5	9.3	10.5
Linn	12	18	10	15	23	78	93	116	134	5.9	7.2	9.4	10.6
Louisa	1	0	1	2	1	5	4	12	8	5.9	4.9	15.7	9.3
Lucas	3	1	1	0	1	6	3	4	3	10.9	5.4	7.5	4.6
Lyon	1	1	1	1	0	4	6	3	8	5.3	7.5	3.5	7.7
Madison	2	1	2	1	2	8	2	3	4	9.2	2.5	3.9	5.1
Mahaska	9	3	1	0	2	15	6	11	15	10.8	4.3	7.2	9.1
Marion	1	4	0	3	2	10	15	16	15	5.2	7.7	8.4	6.9
Marshall	3	1	3	2	7	16	18	20	28	6.0	7.2	8.2	9.2
Mills	0	0	0	0	1	1	5	6	8	1.2	6.1	7.5	8.7
Mitchell	1	0	0	2	3	6	8	4	8	9.2	11.4	5.9	10.1
Monona	0	0	0	0	0	0	4	3	2	0.0	6.3	5.3	2.7
Monroe	1	0	0	1	0	2	2	7	5	4.2	4.0	13.7	8.4
Montgomery	1	2	2	2	1	8	8	7	3	11.3	10.5	9.4	3.4
Muscatine	1	1	4	0	1	7	38	27	37	2.3	11.8	8.6	10.7
O'Brien	1	3	0	2	2	8	11	5	7	8.8	11.7	5.3	5.5
Osceola	0	0	1	1	2	4	0	1	1	10.5	0.0	2.1	1.7
Page	0	1	2	3	4	10	10	8	10	10.9	11.6	8.0	8.6
Palo Alto	1	0	2	0	1	4	9	3	11	7.4	16.9	4.8	11.5
Plymouth	7	2	2	0	2	13	13	10	18	8.4	8.4	5.9	9.0
Pocahontas	0	0	0	0	1	1	1	2	7	2.7	2.3	3.3	9.0
Polk	46	39	50	35	39	209	265	273	275	7.1	9.7	10.6	11.0
Pottawattamie	8	8	11	9	11	47	57	53	96	8.0	9.4	8.1	13.7
Poweshiek	0	2	0	0	2	4	5	8	10	4.1	4.6	7.5	8.3
Ringgold	0	1	1	0	0	2	2	3	3	6.8	8.6	11.6	7.1
Sac	0	2	2	0	0	4	4	7	9	6.0	6.0	9.4	9.5
Scott	20	20	17	12	17	86	85	116	120	7.5	7.2	9.7	9.0
Shelby	2	1	1	1	3	8	6	8	4	11.6	7.7	9.4	3.8
Sioux	1	2	1	3	2	9	19	12	23	4.4	9.1	5.2	8.4
Story	6	2	8	5	3	24	29	32	40	5.4	6.8	6.9	7.7
Tama	1	3	1	4	2	11	4	5	10	9.2	3.5	4.5	7.6
Taylor	0	0	0	1	2	3	2	6	5	8.0	5.5	15.0	9.1
Union	2	2	0	0	3	7	6	4	1	9.7	8.4	5.2	1.1
Van Buren	0	0	0	2	1	3	6	3	10	6.6	12.6	6.0	17.2
Wapello	2	2	2	5	3	14	16	24	24	6.7	7.3	10.4	9.3
Warren	3	4	4	3	9	23	23	15	16	9.2	9.2	6.2	6.4
Washington	0	2	6	3	2	13	9	9	15	8.9	6.4	6.2	10.4
Wayne	1	0	0	0	0	1	2	1	4	3.0	5.3	2.5	8.5
Webster	2	5	2	4	3	16	21	29	36	6.4	7.8	9.8	10.8
Winnebago	0	0	1	2	0	3	6	7	8	4.5	9.0	8.8	9.5
Winneshiek	1	0	3	1	1	6	2	8	13	6.0	1.6	5.9	8.5
Woodbury	9	11	17	15	13	65	78	105	116	7.8	9.4	13.6	13.8
Worth	2	0	2	0	2	6	1	1	7	14.6	2.2	2.0	11.6
Wright	1	1	1	0	1	4	9	7	12	5.0	11.1	7.6	11.6
State of Iowa	241	213	243	229	259	1185	1453	1638	2059	6.3	7.7	8.5	9.5

Figure 1. Infant mortality in Iowa, 1980–2000.

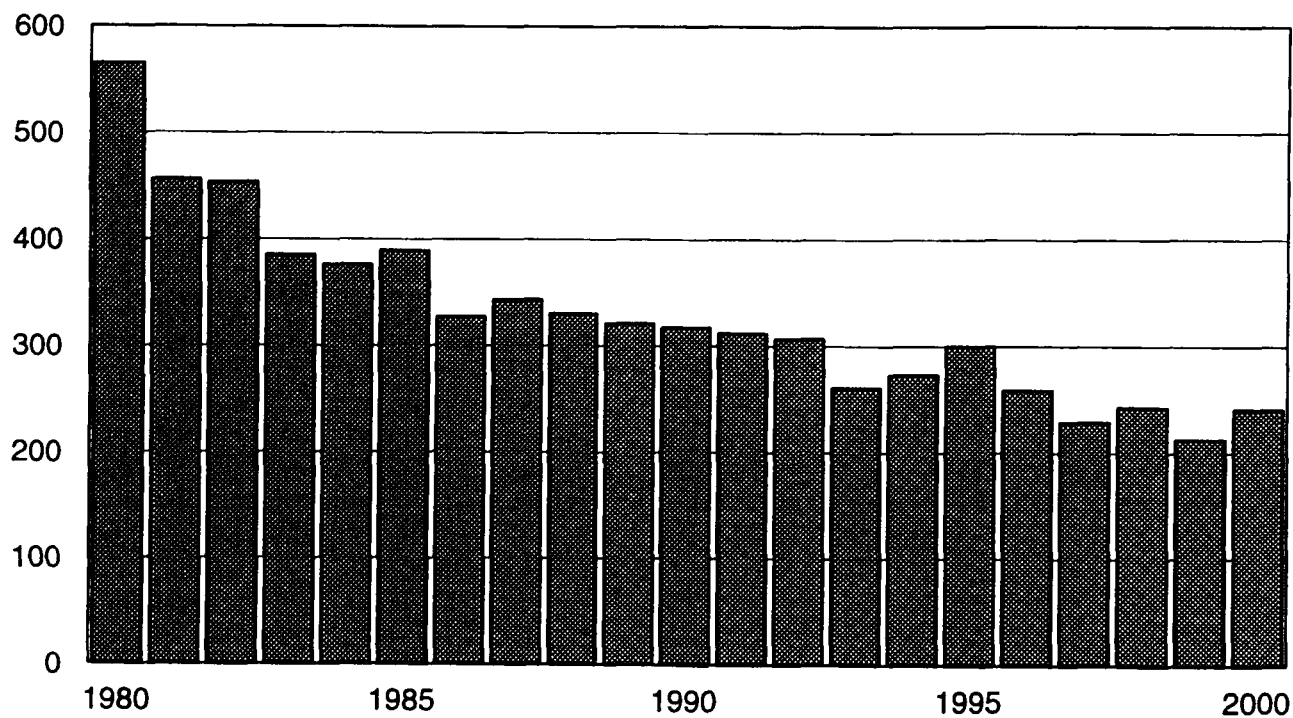
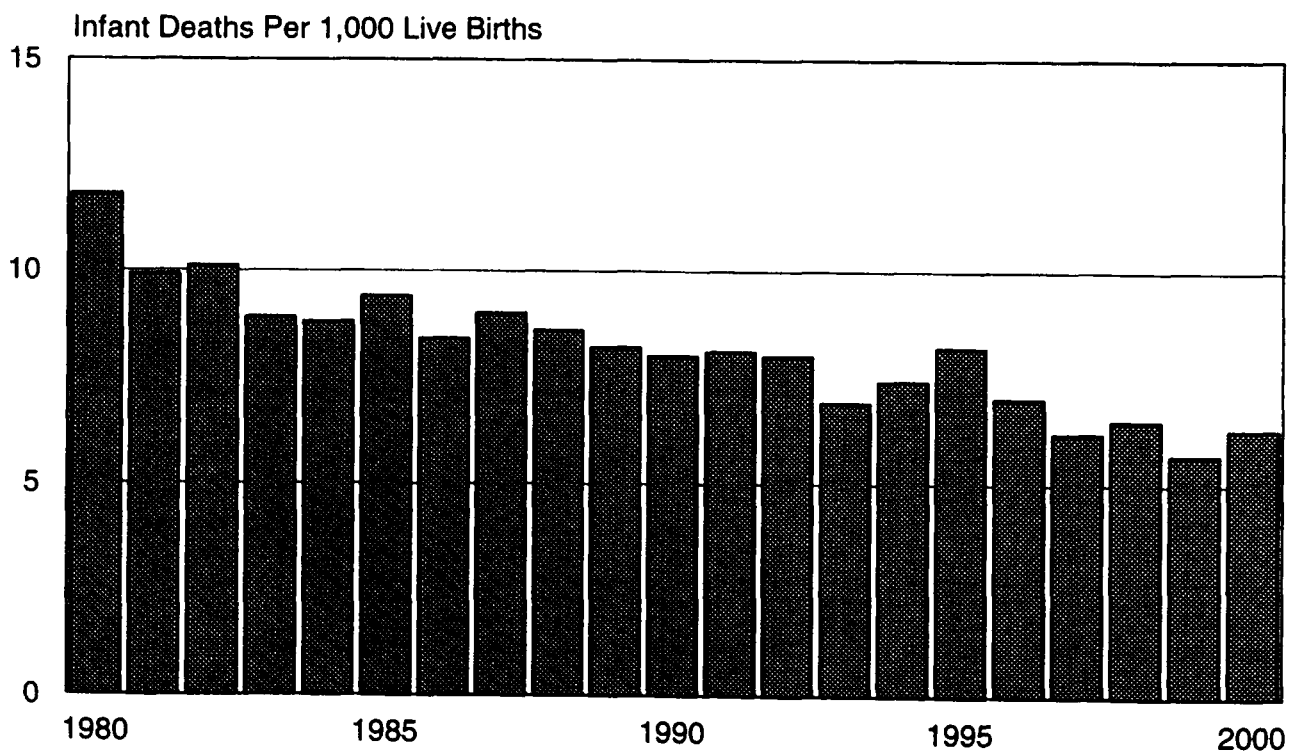


Figure 2. Infant mortality rate in Iowa, 1980–2000.



Deaths from Cardiovascular Disease or Cancer in Iowa's Counties: 1971-2000

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Records of selected causes of death are maintained by the Iowa Department of Public Health and are included in an annual publication called "Vital Statistics of Iowa." They are used for the 1993-2000 numbers in this report. For 1971-1992, information for Iowa was taken from "Vital Statistics of the United States" published by the U.S. Department of Health and Human Services. In both cases, numbers are reported based on the residence of the deceased.

Nearly two-thirds (65.7%) of the 140,000 deaths in Iowa from 1996 to 2000 were attributable to some type of cancer or cardiovascular disease. Due to the prevalence of these two general causes of death, they are the focus of this report.

Deaths Attributed to Cardiovascular Disease

Deaths from cardiovascular disease claimed 60,000 persons in Iowa from 1996 through 2000, 21,900 or 26.8 percent fewer than the 1971-1975 period. They declined between each five-year period reported in Table 1. Included in this category are diseases of the heart (such as acute myocardial infarction and chronic ischemic heart disease), hypertension, cerebrovascular diseases, and arteriosclerosis, among others.

Ten counties reported at least 1,000 deaths caused by cardiovascular disease from 1996 through 2000; these 10 accounted for 37.4 percent of the statewide total of such deaths. There is a relatively strong relationship between population size and number of deaths, of course; Johnson and Story deviate from this somewhat, primarily because of large numbers of younger residents attending universities in those counties. Adams, Audubon, and Davis were the only counties with fewer than 200 deaths related to cardiovascular problems; Adams had the smallest population in the state in 2000; Audubon and Davis also had relatively small numbers of residents.

Cardiovascular disease accounted for more than half of all deaths in nine counties during the 1996-2000 period (Table 2). In another nine counties, fewer than 40 percent of deaths were attributed to that cause in the most recent years.

From 1971 through 1975, cardiovascular disease accounted for more than half the deaths in all 99 counties. The percentage of deaths from this cause decreased throughout the state over the five periods examined; all of the state's counties except Osceola had lower percentages in the 1996-2000 period than that from 1971 through 1975. In Carroll, Davis, Madison, Monona, Washington, and Wayne, those declines totaled more than 20 percentage points; three others (Chickasaw, Guthrie, Osceola) changed by fewer than five points between those two periods.

Deaths Attributed to Cancer

There were nearly 32,000 deaths from malignant neoplasms (commonly referred to as cancer) in Iowa from 1996 through 2000 (Table 1). That marked a 22.0 percent increase over the 26,200 cancer deaths from 1971 through 1975. Increases occurred between each five-year period studied with the exception of a slight decline from 1991-1995 to 1996-2000. The category of deaths from malignant neoplasms includes those of the digestive organs, respiratory organs, breast, urinary organs, and leukemia, among others.

More than a quarter (28.4%) of the cancer deaths from 1996 to 2000 occurred in the five counties reporting more than 1,000 each (Black Hawk, Linn, Polk, Scott, Woodbury). Eight less populated counties

Table 1. Deaths to Residents Caused by Cardiovascular Disease or Cancer in Iowa's Counties, 1971-2000.

County	Deaths Caused by Cardiovascular Disease						Deaths Caused by Cancer					
	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975
Adair	248	249	288	295	298	313	123	123	123	123	121	127
Adams	119	152	166	187	226	247	63	69	62	68	78	79
Allamakee	339	395	474	454	461	521	165	168	197	165	184	137
Appanoose	471	524	464	514	591	745	199	161	171	194	195	181
Audubon	191	223	227	243	264	299	90	118	93	123	102	116
Benton	478	407	531	571	661	717	276	293	256	258	250	233
Black Hawk	2531	2544	2616	2764	2847	3030	1320	1454	1294	1221	1058	1028
Boone	698	724	710	814	909	1046	321	302	308	306	250	275
Bremer	498	585	615	569	574	610	267	269	234	207	216	195
Buchanan	446	489	469	551	550	628	247	264	212	168	219	169
Buena Vista	453	496	584	680	654	597	262	254	269	258	209	217
Butler	448	462	458	502	487	622	223	230	220	178	171	156
Calhoun	348	403	384	470	495	540	180	180	169	182	175	133
Carroll	506	507	503	626	705	766	306	256	223	285	276	241
Cass	446	453	591	600	629	682	210	244	235	224	195	228
Cedar	365	340	433	438	524	551	218	182	177	214	192	166
Cerro Gordo	1180	1121	1203	1202	1257	1457	600	623	537	524	510	477
Cherokee	430	395	464	500	466	508	183	160	167	184	189	186
Chickasaw	337	401	376	391	425	421	134	159	170	161	157	124
Clarke	232	249	264	282	292	318	94	107	106	108	93	95
Clay	369	416	465	468	463	583	187	220	198	192	183	168
Clayton	460	484	515	680	646	662	240	242	268	211	218	215
Clinton	1399	1268	1261	1431	1507	1667	587	635	671	592	577	545
Crawford	381	362	426	506	524	572	174	210	193	204	189	147
Dallas	621	631	649	648	778	851	382	302	303	287	288	268
Davis	194	278	267	335	311	337	106	89	98	96	85	98
Decatur	243	266	262	340	316	368	118	116	104	111	104	109
Delaware	311	357	402	495	533	574	182	196	173	198	166	167
Des Moines	926	947	1123	1204	1220	1425	510	513	538	474	445	441
Dickinson	400	403	373	420	430	389	222	215	204	165	148	155
Dubuque	1890	1935	2015	2158	2191	2327	949	1039	951	896	833	796
Emmet	277	285	340	360	415	437	139	164	138	137	129	158
Fayette	572	610	746	770	754	845	303	276	283	295	247	255
Floyd	524	539	539	579	591	615	240	244	246	236	211	188
Franklin	376	345	360	375	460	572	123	135	159	133	141	128
Fremont	215	285	324	343	368	381	132	131	116	110	119	84
Greene	346	364	405	451	447	550	161	115	146	140	149	134
Grundy	279	293	384	373	376	358	165	129	129	148	143	143
Guthrie	364	364	445	438	401	427	155	165	170	184	163	154
Hamilton	362	383	414	480	494	518	213	219	202	186	196	164
Hancock	320	370	367	365	410	445	139	138	129	153	134	143
Hardin	623	572	586	685	640	814	298	299	279	233	247	248
Harrison	467	503	525	574	583	608	232	213	200	193	166	189
Henry	448	496	511	537	569	588	220	225	232	206	183	205
Howard	271	276	341	362	339	429	146	143	110	163	102	117
Humboldt	259	301	301	328	352	375	149	157	144	123	139	120
Ida	254	282	298	301	314	377	88	118	108	104	112	107
Iowa	352	357	394	449	472	529	177	192	172	170	169	147
Jackson	503	532	597	569	608	599	263	248	244	224	234	192
Jasper	784	839	801	883	890	994	397	461	388	392	352	307

Table 1. Deaths to Residents Caused by Cardiovascular Disease or Cancer in Iowa's Counties, 1971-2000 (continued).

County	Deaths Caused by Cardiovascular Disease						Deaths Caused by Cancer					
	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975
Jefferson	343	370	433	481	421	510	162	160	149	174	167	147
Johnson	904	878	965	970	985	1025	643	572	523	518	426	436
Jones	361	383	444	479	477	590	231	229	221	199	182	168
Keokuk	274	270	344	444	427	540	173	156	176	171	151	167
Kossuth	468	527	447	572	632	619	238	229	255	243	207	194
Lee	906	1048	1035	1157	1254	1480	535	563	491	482	446	440
Linn	2604	2628	2809	3030	3080	3537	1778	1716	1491	1462	1372	1275
Louisa	232	287	283	299	321	322	112	139	127	119	107	110
Lucas	297	304	325	364	370	484	118	138	110	131	119	109
Lyon	289	313	274	301	339	334	132	178	151	113	138	130
Madison	294	325	370	351	391	506	182	171	135	165	138	116
Mahaska	487	562	624	709	757	832	263	237	247	270	262	240
Marion	681	630	722	736	804	824	341	367	317	287	236	242
Marshall	983	1002	1020	1095	1097	1092	557	570	528	453	424	397
Mills	289	279	366	368	312	385	135	140	159	114	97	151
Mitchell	351	339	335	436	442	440	151	153	162	148	134	130
Monona	329	312	416	464	457	544	173	198	157	150	143	116
Monroe	225	281	283	290	305	352	116	119	116	147	126	115
Montgomery	386	376	425	447	520	595	167	181	190	166	153	170
Muscatine	733	791	752	848	941	1139	397	422	386	396	388	320
O'Brien	440	459	440	536	601	662	201	203	221	194	201	182
Osceola	228	231	228	259	264	250	76	89	87	97	102	74
Page	499	552	578	761	723	780	222	225	239	224	212	253
Palo Alto	295	327	379	388	406	506	166	169	156	165	134	135
Plymouth	582	560	603	617	602	650	287	271	242	249	264	235
Pocahontas	245	313	303	363	427	393	142	141	134	158	145	127
Polk	5402	5472	5471	5808	6225	6895	3429	3241	3064	2859	2561	2410
Pottawattamie	1669	1730	1881	1998	2023	2053	952	939	849	828	763	720
Poweshiek	491	437	507	500	530	644	242	212	196	192	187	151
Ringgold	200	208	200	245	265	280	90	82	79	82	89	92
Sac	421	377	453	499	457	580	163	174	172	184	166	194
Scott	2724	2782	2724	2855	3012	3505	1461	1503	1366	1371	1214	1197
Shelby	390	395	419	447	451	477	163	154	154	171	130	138
Sioux	504	463	544	594	586	689	270	269	282	259	256	257
Story	916	880	960	984	1027	1104	557	512	457	426	409	364
Tama	423	498	502	530	597	697	229	232	222	232	246	200
Taylor	208	227	291	332	352	395	93	115	110	104	130	126
Union	406	415	411	485	412	604	163	183	167	158	176	178
Van Buren	241	242	288	314	340	362	86	105	125	113	114	104
Wapello	966	966	1149	1194	1389	1444	492	546	506	503	516	503
Warren	659	572	622	585	577	615	330	328	280	234	220	180
Washington	453	541	537	593	582	711	235	216	225	212	217	194
Wayne	254	271	284	322	333	439	129	116	92	120	113	80
Webster	1101	1174	1078	1292	1272	1323	519	493	514	477	459	478
Winnebago	328	352	392	415	406	456	153	153	123	128	131	115
Winneshiek	385	391	487	503	512	583	239	199	224	212	177	208
Woodbury	1926	2211	2274	2512	2449	2909	1083	1101	992	1049	1057	1014
Worth	239	247	284	300	272	317	104	117	118	113	107	94
Wright	396	421	430	533	562	593	217	196	210	223	201	186
State of Iowa	59981	62081	65647	71154	73703	81900	31975	32087	30216	29339	27525	26217

Table 2. Percent of Total Deaths Due to Cardiovascular Disease or Cancer in Iowa's Counties, 1971-2000.

County	Percent of Deaths Due to Cardiovascular Disease						Percent of Deaths Due to Cancer					
	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975
Adair	42.0	43.1	51.8	54.0	53.4	54.4	20.8	21.3	22.1	22.6	21.7	22.1
Adams	40.5	47.4	51.7	54.9	58.4	58.9	21.4	21.5	19.3	19.9	20.2	18.9
Allamakee	40.4	46.5	50.8	53.0	51.5	55.5	19.6	19.8	21.1	19.3	20.5	14.6
Appanoose	52.6	55.2	51.2	54.8	55.8	62.1	22.2	17.0	18.9	20.7	18.4	15.1
Audubon	42.9	42.1	48.8	48.1	54.3	54.2	20.2	22.3	20.0	24.4	21.0	21.0
Benton	43.7	38.9	47.1	52.0	55.3	57.2	25.3	28.0	22.7	23.5	20.9	18.6
Black Hawk	43.8	43.9	48.1	52.2	53.9	54.9	22.8	25.1	23.8	23.1	20.0	18.6
Boone	44.9	49.5	49.3	56.7	60.7	63.5	20.6	20.7	21.4	21.3	16.7	16.7
Bremer	45.1	50.2	54.1	57.0	54.5	58.2	24.2	23.1	20.6	20.7	20.5	18.6
Buchanan	43.1	46.7	48.8	55.3	52.1	56.8	23.9	25.2	22.1	16.8	20.8	15.3
Buena Vista	41.9	47.8	51.5	57.4	58.7	52.6	24.2	24.5	23.7	21.7	18.7	19.1
Butler	47.8	47.3	48.3	55.7	56.4	62.1	23.8	23.6	23.2	19.8	19.8	15.6
Calhoun	43.2	47.6	45.2	52.8	53.1	59.9	22.3	21.3	19.9	20.4	18.8	14.7
Carroll	40.7	45.0	48.1	52.6	56.5	61.3	24.6	22.7	21.3	23.9	22.1	19.3
Cass	44.8	46.9	54.7	55.9	58.3	57.5	21.1	25.3	21.7	20.9	18.1	19.2
Cedar	41.2	41.9	50.7	50.6	55.1	58.7	24.6	22.4	20.7	24.7	20.2	17.7
Cerro Gordo	44.8	45.2	50.7	50.3	51.4	56.2	22.8	25.1	22.6	21.9	20.9	18.4
Cherokee	49.9	50.3	55.4	57.6	54.6	55.4	21.2	20.4	19.9	21.2	22.2	20.3
Chickasaw	50.1	52.2	51.9	53.9	53.9	53.6	19.9	20.7	23.4	22.2	19.9	15.8
Clarke	47.8	48.0	54.9	57.2	60.1	59.7	19.4	20.6	22.0	21.9	19.1	17.8
Clay	41.0	45.4	51.7	55.3	53.0	60.2	20.8	24.0	22.0	22.7	21.0	17.3
Clayton	40.6	43.3	45.9	57.7	54.7	53.9	21.2	21.6	23.9	17.9	18.4	17.5
Clinton	50.7	47.3	45.9	51.8	53.9	56.0	21.3	23.7	24.4	21.4	20.7	18.3
Crawford	43.5	43.7	49.4	51.3	54.9	58.1	19.9	25.3	22.4	20.7	19.8	14.9
Dallas	39.8	44.4	45.5	48.6	55.5	56.5	24.5	21.3	21.3	21.5	20.5	17.8
Davis	41.5	54.8	55.6	62.3	64.8	61.8	22.6	17.6	20.4	17.8	17.7	18.0
Decatur	44.1	45.7	49.2	57.9	56.1	55.6	21.4	19.9	19.5	18.8	18.5	16.5
Delaware	41.0	43.6	48.6	56.2	59.8	60.0	24.0	24.0	20.9	22.4	18.6	17.5
Des Moines	41.7	43.4	46.8	52.9	53.0	57.7	22.9	23.5	22.4	20.8	19.3	17.9
Dickinson	44.2	47.6	47.1	51.8	57.8	51.3	24.6	25.4	25.8	20.3	19.9	20.4
Dubuque	44.8	45.8	49.3	53.0	55.2	56.2	22.5	24.6	23.3	22.0	21.0	19.2
Emmet	40.4	41.6	51.0	51.3	57.7	56.4	20.3	23.9	20.7	19.5	17.9	20.4
Fayette	43.8	48.8	55.1	54.1	57.0	57.3	23.2	22.1	20.9	20.7	18.7	17.3
Floyd	50.1	50.9	52.5	54.3	54.8	55.6	23.0	23.0	24.0	22.1	19.6	17.0
Franklin	55.7	51.3	52.0	54.4	60.0	68.8	18.2	20.1	23.0	19.3	18.4	15.4
Fremont	38.5	47.0	51.9	56.1	56.0	57.0	23.6	21.6	18.6	18.1	18.1	12.6
Greene	49.0	56.7	57.1	59.2	61.2	63.6	22.8	17.9	20.6	18.4	20.4	15.5
Grundy	40.7	48.3	58.3	56.9	55.1	52.0	24.1	21.3	19.6	22.6	20.9	20.8
Guthrie	51.9	52.0	55.5	55.1	54.0	52.3	22.1	23.6	21.2	23.1	21.9	18.9
Hamilton	41.2	43.5	45.4	53.5	52.4	55.0	24.3	24.9	22.1	20.7	20.8	17.4
Hancock	48.7	56.1	56.4	52.4	53.9	56.3	21.2	20.9	19.8	22.0	17.6	18.1
Hardin	47.8	47.0	48.8	56.4	54.0	60.7	22.9	24.5	23.3	19.2	20.8	18.5
Harrison	46.7	50.2	53.5	58.3	60.2	57.2	23.2	21.3	20.4	19.6	17.1	17.8
Henry	45.5	47.5	52.4	55.8	58.3	56.4	22.3	21.5	23.8	21.4	18.8	19.7
Howard	40.0	43.8	53.0	51.7	54.6	59.3	21.5	22.7	17.1	23.3	16.4	16.2
Humboldt	43.0	45.9	50.7	52.6	56.2	56.1	24.8	23.9	24.2	19.7	22.2	17.9
Ida	49.4	49.3	55.2	57.8	59.0	61.7	17.1	20.6	20.0	20.0	21.1	17.5
Iowa	41.3	43.0	47.2	54.8	58.1	60.1	20.8	23.1	20.6	20.7	20.8	16.7
Jackson	44.0	47.8	52.5	52.1	55.1	53.9	23.0	22.3	21.5	20.4	21.2	17.3
Jasper	44.8	45.7	47.8	52.1	53.3	57.3	22.7	25.1	23.2	23.2	21.1	17.7

Table 2. Percent of Total Deaths Due to Cardiovascular Disease or Cancer in Iowa's Counties, 1971-2000 (continued).

County	Percent of Deaths Due to Cardiovascular Disease						Percent of Deaths Due to Cancer					
	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975	1996-2000	1991-1995	1986-1990	1981-1985	1976-1980	1971-1975
Jefferson	46.0	47.6	54.9	56.6	54.1	58.0	21.7	20.6	18.9	20.5	21.5	16.7
Johnson	36.7	38.2	43.7	44.6	49.9	51.2	26.1	24.9	23.7	23.8	21.6	21.8
Jones	40.4	43.3	47.3	52.2	52.6	56.1	25.8	25.9	23.5	21.7	20.1	16.0
Keokuk	39.3	40.2	43.8	51.3	52.3	53.8	24.8	23.2	22.4	19.8	18.5	16.7
Kossuth	45.5	50.6	45.2	53.9	57.4	54.8	23.2	22.0	25.8	22.9	18.8	17.2
Lee	41.4	45.8	47.9	53.4	55.0	57.1	24.5	24.6	22.7	22.2	19.6	17.0
Linn	37.5	39.9	44.0	49.2	50.2	52.9	25.6	26.1	23.3	23.7	22.3	19.1
Louisa	44.0	46.4	48.3	53.9	55.9	54.0	21.3	22.5	21.7	21.4	18.6	18.5
Lucas	50.2	52.3	52.8	55.4	58.1	61.8	19.9	23.8	17.9	19.9	18.7	13.9
Lyon	46.4	48.5	46.2	52.6	54.7	55.8	21.2	27.6	25.5	19.8	22.3	21.7
Madison	36.6	42.7	49.1	48.5	55.6	64.0	22.6	22.5	17.9	22.8	19.6	14.7
Mahaska	44.8	49.7	51.1	56.2	58.5	58.9	24.2	21.0	20.2	21.4	20.2	17.0
Marion	41.9	39.9	46.9	50.4	57.5	57.0	21.0	23.2	20.6	19.6	16.9	16.7
Marshall	38.7	40.0	45.2	51.5	54.5	55.3	21.9	22.8	23.4	21.3	21.1	20.1
Mills	42.5	44.5	53.3	57.2	54.6	55.3	19.9	22.3	23.1	17.7	17.0	21.7
Mitchell	48.7	47.1	47.1	56.4	59.2	58.0	20.9	21.3	22.8	19.1	18.0	17.2
Monona	41.3	39.8	55.8	56.9	58.8	65.5	21.7	25.3	21.1	18.4	18.4	14.0
Monroe	45.5	51.2	48.4	48.1	50.5	54.5	23.4	21.7	19.8	24.4	20.9	17.8
Montgomery	44.1	44.2	47.4	53.8	62.3	62.8	19.1	21.3	21.2	19.9	18.3	17.9
Muscatine	40.7	41.0	41.8	45.8	50.8	58.1	22.0	21.9	21.5	21.4	20.9	16.3
O'Brien	46.8	46.9	46.8	55.3	62.4	59.8	21.4	20.7	23.5	20.0	20.9	16.4
Osceola	54.7	55.0	53.9	56.3	55.6	54.3	18.2	21.2	20.6	21.1	21.5	16.1
Page	43.5	48.3	50.0	60.1	59.9	59.6	19.4	19.7	20.7	17.7	17.5	19.3
Palo Alto	42.0	47.2	53.3	53.3	56.5	60.2	23.6	24.4	21.9	22.7	18.6	16.1
Plymouth	46.5	48.7	53.7	51.8	52.2	55.2	22.9	23.6	21.5	20.9	22.9	19.9
Pocahontas	43.3	50.4	46.3	49.4	55.2	55.4	25.1	22.7	20.5	21.5	18.8	17.9
Polk	39.1	42.1	43.1	47.7	50.9	53.3	24.8	25.0	24.1	23.5	20.9	18.6
Pottawattamie	41.3	45.5	48.6	51.3	54.2	51.5	23.6	24.7	21.9	21.2	20.4	18.1
Poweshiek	44.7	45.7	51.5	52.2	55.4	62.0	22.0	22.2	19.9	20.1	19.6	14.5
Ringgold	48.1	52.9	52.9	62.1	61.5	60.2	21.6	20.9	20.9	20.9	20.6	19.8
Sac	49.6	46.9	52.7	56.5	57.1	58.5	19.2	21.6	20.0	20.8	20.8	19.6
Scott	43.0	44.4	45.5	48.2	51.0	55.0	23.0	24.0	22.8	23.1	20.6	18.8
Shelby	49.0	50.3	54.2	58.9	59.1	58.3	20.5	19.6	19.9	22.5	17.0	16.9
Sioux	41.3	40.2	45.6	49.3	50.1	54.0	22.1	23.4	23.6	21.5	21.9	20.1
Story	40.8	41.9	46.6	50.6	51.8	54.4	24.8	24.4	22.2	21.9	20.6	17.9
Tama	40.3	47.2	49.3	49.8	51.9	56.7	21.8	22.0	21.8	21.8	21.4	16.3
Taylor	41.8	46.3	50.4	56.8	54.7	58.9	18.7	23.5	19.1	17.8	20.2	18.8
Union	51.3	50.9	49.1	56.6	50.5	60.2	20.6	22.4	20.0	18.4	21.6	17.7
Van Buren	47.5	47.3	51.2	59.1	57.9	57.1	17.0	20.5	22.2	21.2	19.4	16.4
Wapello	43.1	43.0	48.8	50.6	56.2	57.2	22.0	24.3	21.5	21.3	20.9	19.9
Warren	41.2	41.4	46.7	49.8	52.1	56.4	20.7	23.8	21.0	19.9	19.9	16.5
Washington	39.8	47.3	50.1	55.1	56.2	60.5	20.7	18.9	21.0	19.7	20.9	16.5
Wayne	44.8	50.1	54.3	52.2	55.3	66.0	22.8	21.4	17.6	19.5	18.8	12.0
Webster	45.4	48.3	46.0	53.7	52.9	54.4	21.4	20.3	21.9	19.8	19.1	19.6
Winnebago	45.3	48.6	57.7	58.7	57.1	61.8	21.1	21.1	18.1	18.1	18.4	15.6
Winneshiekie	42.1	44.6	48.6	49.0	54.2	53.9	26.1	22.7	22.3	20.6	18.7	19.2
Woodbury	40.6	45.3	47.4	51.8	51.2	53.7	22.9	22.6	20.7	21.6	22.1	18.7
Worth	47.1	48.6	53.5	57.3	55.9	55.6	20.5	23.0	22.2	21.5	22.0	16.5
Wright	40.5	45.1	48.0	55.0	56.7	57.6	22.2	21.0	23.4	22.9	20.3	18.1
State of Iowa	42.9	45.2	48.3	52.3	54.2	56.3	22.8	23.3	22.2	21.6	20.3	18.0

(Adams, Audubon, Clarke, Ida, Osceola, Ringgold, Taylor, Van Buren) each noted fewer than 100 deaths from cancer.

Cancer accounted for 22.8 percent of all the deaths in the state in the 1996-2000 period (Table 2). This percentage ranged from 17.0 in Van Buren to 26.1 in Johnson and Winneshiek. Overall, cancer caused fewer than 1 of every 5 deaths in 14 counties but more than 1 of every 4 deaths in 6 others (Benton, Johnson, Jones, Linn, Pocahontas, Winneshiek). In the 1971-1975 period, cancer was listed as the cause for fewer than 20 percent of all deaths in 88 counties; no county reported more than 23 percent of its deaths as due to this cause over those years.

In only eight counties did cancer account for a smaller percentage of deaths in the period from 1996 through 2000 than in the years from 1971 through 1975. Forty-six counties had an increase of at least 5 percentage points when the 1971-1975 and 1996-2000 periods were compared; two of these (Fremont, Wayne) gained more than 10 points between these two periods. For the state, the increase was from 18.0 percent in the earliest five-year period to 22.8 percent in the most recent one. Thus, the percentage of deaths that were due to cancer increased over the years studied while those attributed to cardiovascular disease decreased. Still, 28,000 more deaths occurred from cardiovascular causes than from cancer in 1996-2000; the 1971-1975 difference of 55,700 was nearly twice as great, however.

Note: A comparison of data from the two sources for 1971 through 1992 revealed only minor differences. Those from the national data set were used because they were available from another project.

Deaths Caused by Accident, Homicide, or Suicide in Iowa's Counties: 1981-2000

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The Iowa Department of Public Health maintains records on the causes of death of residents in Iowa's counties. Deaths from causes other than illness and disease include motor vehicle accidents, other accidents, suicides, and homicides. From 1996 through 2000, the 7,300 deaths due to these four causes accounted for 5.2 percent of all deaths (139,968) in Iowa. All deaths were recorded by the county of residence of the deceased, not by where the death occurred.

Deaths Due to Motor Vehicle Accidents

In 2000, 448 Iowans died in motor vehicle accidents (Table 1), a number below any year in the last two decades (Figure 1). Polk had more residents (43) die in motor vehicle accidents in 2000 than did any other county. The next highest counties were Linn and Woodbury, the only others with at least 15. Sixty-five of the counties had one through five while seven counties had no residents die in motor vehicle accidents in 2000.

A total of 2,411 Iowa residents died in motor vehicle accidents from 1996 through 2000. The total decreased slightly between each of the 5-year periods noted in Table 1. The number of deaths due to motor vehicle accidents decreased by 283 when the 1981-1985 and 1996-2000 periods were compared. That trend also occurred in 58 counties, although only 14 had declines of at least 10 deaths. In 37 counties, more died in the most recent period than in 1981-1985, although in only four were the gains greater than 10.

Deaths Due to Other Accidents

Included in the category of other accidents are deaths by falls, drowning, fire, suffocation, accidental poisoning, and gunshots; deaths from boat and airplane accidents also are counted in this category. The deaths of 586 Iowans were due to these kinds of incidents in 2000 (Table 1), which was down by 10 from the 1999 total (Figure 1).

In 2000, Polk had the highest number (52) of deaths from accidents other than those involving motor vehicles, followed by Black Hawk, Linn, Scott, and Woodbury each with at least 20. Five or fewer such deaths occurred in 71 counties in 2000; among these 71, no deaths from these kinds of accidents were reported for residents of seven counties.

During the 1996-2000 period, accidents other than those involving motor vehicles claimed the lives of 2,986 Iowans. After a slight decline from 1981-1985 to 1986-1990, the number of deaths caused by these accidents increased in each of the following periods. Sixty-eight more deaths due to other accidents were counted in 1996-2000 than in 1981-1985. Differences across counties also tended to be small; counts were higher in 45 counties in the most recent five-year period but lower in 43 others and the same in the remaining 11. In 80 counties, changes were less than 10 in either direction in the number who died in accidents other than those related to motor vehicles from the first to the last period.

Table 1. Deaths to Residents Caused by Motor Vehicle and Other Accidents in Iowa's Counties, 1981-2000.

County	Deaths Caused by Motor Vehicle Accidents										Deaths Caused by Accidents Other Than Those Involving Motor Vehicles								
	2000	1999	1998	1997	1996	1996-	1991-	1986-	1981-	2000	1999	1998	1997	1996	1996-	1991-	1986-	1981-	
						2000	1995	1990	1985						2000	1995	1990	1985	
Adair	5	1	2	2	3	13	14	7	5	2	1	2	2	2	9	17	12	11	
Adams	1	2	2	0	3	8	7	6	4	1	1	1	2	1	6	15	8	8	
Allamakee	4	3	7	3	5	22	17	23	26	2	2	1	8	6	19	16	29	18	
Appanoose	2	3	5	2	2	14	17	23	11	3	4	1	5	3	16	12	23	19	
Audubon	2	2	1	2	1	8	7	3	9	5	3	3	0	2	13	8	6	12	
Benton	1	3	4	6	4	18	20	26	24	6	4	3	4	4	21	22	20	22	
Black Hawk	10	17	18	21	17	83	102	78	90	27	19	13	26	22	107	130	99	109	
Boone	8	6	2	7	5	28	22	15	22	9	6	12	4	4	35	32	41	32	
Bremer	4	5	3	2	3	17	23	24	18	3	8	7	1	3	22	21	18	22	
Buchanan	4	4	4	5	5	22	16	17	24	7	4	5	5	8	29	27	20	26	
Buena Vista	6	4	5	4	3	22	19	20	21	2	6	9	2	4	23	11	18	21	
Butler	5	3	5	2	0	15	16	22	10	0	4	5	4	3	16	12	18	11	
Calhoun	2	0	2	1	3	8	9	21	15	3	4	8	4	7	26	17	15	10	
Carroll	5	6	1	10	4	26	26	17	17	1	8	7	6	7	29	24	25	30	
Cass	7	0	3	4	2	16	19	14	19	4	6	5	4	4	23	23	27	19	
Cedar	2	9	2	6	4	23	21	20	24	4	1	8	1	6	20	18	9	19	
Cerro Gordo	6	8	9	10	6	39	38	25	34	13	5	5	7	11	41	35	33	47	
Cherokee	1	6	4	7	4	22	14	14	20	1	0	6	2	7	16	16	24	13	
Chickasaw	4	2	6	2	2	16	17	12	11	5	2	3	1	1	12	16	8	9	
Clarke	1	0	4	0	4	9	13	11	10	1	3	2	1	2	9	15	9	12	
Clay	2	1	2	1	4	10	17	12	16	3	6	4	6	3	22	11	9	17	
Clayton	2	17	5	2	5	31	37	27	29	7	7	3	4	1	22	30	22	35	
Clinton	6	13	8	11	11	49	44	57	55	5	8	11	10	8	42	49	53	52	
Crawford	3	9	2	7	6	27	25	19	29	2	6	4	7	3	22	17	18	23	
Dallas	10	6	8	8	3	35	41	37	33	3	12	3	6	10	34	35	34	33	
Davis	2	4	3	1	5	15	18	11	10	1	4	3	5	7	20	9	7	14	
Decatur	4	5	2	5	3	19	9	4	19	3	2	2	2	3	12	25	18	9	
Delaware	7	7	3	4	2	23	15	10	17	5	1	3	0	6	15	18	22	25	
Des Moines	3	7	3	11	5	29	37	40	37	17	10	12	9	10	58	48	50	37	
Dickinson	6	3	4	1	5	19	16	8	5	8	5	3	3	3	22	12	15	22	
Dubuque	1	13	7	12	7	40	57	72	80	14	12	13	8	14	61	59	72	77	
Emmet	2	2	3	2	3	12	14	11	18	3	5	5	3	1	17	16	12	16	
Fayette	8	5	0	5	0	18	28	39	22	6	3	6	8	0	23	26	26	33	
Floyd	3	3	3	6	2	17	18	16	24	2	3	1	1	2	9	23	14	20	
Franklin	1	3	5	6	3	18	9	11	12	0	1	1	5	1	8	14	16	15	
Fremont	0	2	2	5	2	11	9	15	15	0	4	1	4	2	11	12	11	20	
Greene	2	1	1	2	1	7	12	16	9	5	4	3	2	1	15	15	8	15	
Grundy	1	7	2	3	4	17	9	5	11	1	2	4	2	3	12	13	9	11	
Guthrie	0	3	4	0	0	7	10	9	11	0	3	4	1	1	9	13	15	17	
Hamilton	3	1	4	5	5	18	17	24	20	3	2	1	4	1	11	11	12	13	
Hancock	1	1	1	2	3	8	11	15	9	4	2	2	4	1	13	10	16	14	
Hardin	0	3	4	7	1	15	20	21	22	2	7	8	7	5	29	30	14	18	
Harrison	5	4	3	3	4	19	33	23	18	6	9	9	4	5	33	15	19	27	
Henry	7	7	2	1	3	20	28	19	15	9	7	6	2	4	28	22	16	21	
Howard	2	3	2	0	2	9	8	14	13	5	2	4	1	4	16	12	14	9	
Humboldt	2	0	0	3	4	9	12	12	13	0	7	1	1	1	10	17	8	15	
Ida	2	6	0	2	0	10	15	13	11	1	4	5	6	1	17	8	17	14	
Iowa	4	7	4	4	2	21	19	11	19	5	4	6	5	0	20	14	12	10	
Jackson	8	4	2	4	8	26	26	37	36	5	3	4	2	6	20	23	14	31	
Jasper	7	5	5	8	5	30	22	39	33	13	9	1	9	8	40	48	35	44	

Table 1. Deaths to Residents Caused by Motor Vehicle and Other Accidents in Iowa's Counties, 1981-2000 (continued).

County	Deaths Caused by Motor Vehicle Accidents									Deaths Caused by Accidents Other Than Those Involving Motor Vehicles								
	2000	1999	1998	1997	1996	1996-2000	1991-1995	1986-1990	1981-1985	2000	1999	1998	1997	1996	1996-2000	1991-1995	1986-1990	1981-1985
	Jefferson	1	1	4	4	9	19	18	17	16	2	3	1	1	2	9	15	17
Johnson	10	15	1	6	8	40	46	43	60	13	13	22	12	13	73	50	59	48
Jones	2	7	8	5	10	32	22	21	21	2	7	3	3	2	17	24	23	19
Keokuk	3	6	6	1	7	23	20	19	34	1	5	1	5	6	18	23	19	23
Kossuth	2	6	4	3	7	22	18	19	28	2	2	3	5	6	18	17	35	18
Lee	9	6	7	6	13	41	42	47	46	9	21	8	6	9	53	45	44	48
Linn	21	18	20	19	18	96	104	101	106	33	22	39	30	28	152	129	116	118
Louisa	2	1	2	3	4	12	18	15	10	4	2	4	1	3	14	21	12	14
Lucas	3	3	7	3	2	18	12	13	15	1	1	1	2	3	8	14	13	11
Lyon	3	1	3	2	4	13	11	11	15	4	5	0	3	2	14	8	18	17
Madison	2	2	4	4	5	17	17	9	14	5	2	7	3	1	18	23	21	18
Mahaska	5	2	3	1	6	17	30	24	16	5	3	6	2	8	24	39	27	20
Marion	1	5	9	5	6	26	34	27	21	6	9	11	7	11	44	46	42	42
Marshall	3	5	10	4	4	26	56	38	47	6	5	15	10	11	47	53	41	44
Mills	4	2	4	2	8	20	10	19	12	2	5	1	2	5	15	14	15	10
Mitchell	3	1	4	2	3	13	15	10	9	2	1	3	4	7	17	5	19	21
Monona	0	5	1	4	7	17	10	21	15	3	2	4	1	2	12	19	17	12
Monroe	4	1	1	3	5	14	13	11	16	1	2	2	2	2	9	12	10	12
Montgomery	0	0	4	4	1	9	10	14	13	2	6	7	4	5	24	23	20	16
Muscatine	5	7	6	11	9	38	31	56	63	9	5	8	7	7	36	40	38	45
O'Brien	3	2	6	0	4	15	17	11	22	6	3	2	2	1	14	21	24	23
Osceola	0	4	2	3	2	11	7	10	11	0	1	0	0	1	2	3	7	10
Page	3	8	2	3	3	19	14	17	22	3	5	6	4	4	22	22	20	22
Palo Alto	2	0	5	3	3	13	13	12	12	1	3	4	3	4	15	12	8	13
Plymouth	3	5	6	3	2	19	20	25	30	4	6	6	7	3	26	16	14	20
Pocahontas	2	2	1	1	2	8	11	25	14	2	2	2	6	4	16	6	11	10
Polk	43	38	37	48	41	207	215	227	218	52	61	56	50	64	283	348	366	315
Pottawattamie	14	12	11	13	12	62	69	85	89	9	23	20	15	13	80	78	86	78
Poweshiek	2	4	3	5	4	18	13	22	24	2	3	3	5	6	19	29	26	21
Ringgold	0	0	0	2	2	4	7	6	9	5	2	1	2	2	12	8	7	8
Sac	5	7	5	3	4	24	17	18	18	3	1	4	4	2	14	19	13	21
Scott	14	24	17	13	13	81	86	101	113	41	24	27	22	24	138	112	115	113
Shelby	2	4	3	1	4	14	20	13	16	5	2	1	5	3	16	16	15	25
Sioux	11	3	6	11	5	36	17	34	21	5	3	6	11	2	27	28	21	32
Story	11	6	12	16	4	49	38	33	35	7	13	7	12	10	49	48	51	60
Tama	7	6	4	6	5	28	30	21	27	3	5	5	2	5	20	15	29	20
Taylor	2	3	2	1	1	9	8	14	12	1	5	1	2	3	12	7	10	9
Union	3	1	1	3	1	9	20	13	14	3	3	6	2	6	20	17	20	22
Van Buren	2	4	2	2	0	10	14	6	10	2	3	7	4	3	19	13	18	7
Wapello	6	5	5	6	7	29	49	38	36	10	12	9	11	12	54	48	41	48
Warren	3	7	6	5	3	24	15	33	30	6	6	9	8	6	35	27	34	42
Washington	6	2	2	6	5	21	20	19	31	3	5	6	7	9	30	29	31	27
Wayne	6	1	4	1	6	18	15	4	12	3	1	3	4	6	17	10	6	19
Webster	5	9	5	2	7	28	38	48	57	19	9	12	15	16	71	62	49	51
Winnebago	2	4	5	0	1	12	12	16	19	4	5	4	5	1	19	21	10	15
Winneshiek	6	8	1	0	1	16	12	21	22	2	1	4	8	1	16	20	23	25
Woodbury	15	12	14	16	9	66	64	76	89	32	18	26	29	24	129	88	96	87
Worth	1	0	3	1	3	8	5	9	8	0	3	4	0	1	8	15	5	8
Wright	2	9	1	4	6	22	14	21	21	4	2	2	6	4	18	21	15	18
State of Iowa	448	520	462	497	484	2411	2490	2558	2694	586	596	628	581	595	2986	2921	2847	2918

Table 2. Deaths to Residents Caused by Homicide and Suicide in Iowa's Counties, 1981-2000.

County	Homicides									Suicides								
	2000	1999	1998	1997	1996	1981-1985				2000	1999	1998	1997	1996	1981-1985			
						2000	1995	1990	1985						2000	1995	1990	1985
Adair	0	0	0	0	0	0	1	0	0	0	1	2	1	1	5	5	9	5
Adams	0	1	1	0	0	2	1	0	0	0	1	1	0	0	2	2	2	3
Allamakee	1	0	2	0	0	3	0	1	0	1	1	6	1	2	11	5	13	8
Appanoose	0	0	0	0	1	1	0	2	1	0	3	0	3	1	7	8	13	9
Audubon	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	7	4	5
Benton	1	0	0	1	0	2	0	5	1	2	3	0	1	1	7	16	15	11
Black Hawk	3	0	3	3	1	10	20	13	25	12	8	12	22	10	64	67	71	75
Boone	1	0	0	0	1	2	2	1	4	3	4	2	2	3	14	16	13	12
Bremer	0	0	0	0	0	0	1	2	1	2	5	4	3	3	17	13	9	8
Buchanan	0	0	0	0	0	0	1	1	2	1	6	1	5	2	15	16	10	15
Buena Vista	0	1	0	0	2	3	0	1	2	0	1	2	3	1	7	10	6	11
Butler	0	0	0	0	0	0	0	0	5	4	0	0	3	0	7	5	12	6
Calhoun	0	0	0	0	0	0	0	0	0	0	2	1	2	0	5	8	7	8
Carroll	0	0	0	0	0	0	0	1	0	2	1	0	4	2	9	14	15	10
Cass	0	0	0	0	0	0	2	1	1	2	0	1	3	2	8	5	11	9
Cedar	0	0	0	0	1	1	4	0	0	3	2	2	5	0	12	10	10	12
Cerro Gordo	4	3	2	1	1	11	4	3	6	4	4	6	4	4	22	27	27	28
Cherokee	0	0	0	0	0	0	1	0	0	0	0	2	1	3	6	15	6	6
Chickasaw	0	1	0	0	0	1	0	0	0	0	1	0	3	2	6	8	7	4
Clarke	0	0	0	0	1	1	1	0	1	2	1	2	0	1	6	7	7	4
Clay	0	0	0	0	0	0	0	2	0	7	3	2	1	3	16	4	3	8
Clayton	0	0	0	0	1	1	0	3	0	3	3	1	6	4	17	14	11	13
Clinton	0	0	1	2	1	4	2	8	13	2	2	5	5	11	25	27	34	38
Crawford	0	0	0	0	0	0	1	3	0	1	3	1	0	0	5	8	7	7
Dallas	0	1	0	1	0	2	6	4	3	3	5	4	1	2	15	28	18	20
Davis	0	0	0	0	1	1	0	2	1	2	2	1	0	1	6	7	1	5
Decatur	0	1	0	0	0	1	2	1	0	0	1	2	1	3	7	8	3	3
Delaware	0	0	0	1	0	1	1	0	0	0	0	1	5	0	6	12	8	11
Des Moines	1	1	0	0	0	2	6	5	7	6	6	6	5	6	29	37	36	23
Dickinson	1	0	2	0	0	3	0	2	1	4	2	5	3	1	15	5	14	11
Dubuque	0	0	0	0	1	1	7	1	3	11	10	9	13	11	54	47	43	42
Emmet	0	1	0	1	0	2	0	0	2	0	2	1	2	1	6	5	5	6
Fayette	0	0	0	1	0	1	0	0	0	0	1	2	4	2	9	10	16	17
Floyd	0	0	0	3	0	3	0	1	0	0	1	0	1	5	7	14	8	9
Franklin	0	2	0	0	2	4	1	0	0	1	2	0	0	1	4	3	6	4
Fremont	0	0	0	0	0	0	0	1	3	0	1	1	1	1	4	5	8	3
Greene	0	0	0	0	0	0	1	0	1	2	2	0	3	2	9	4	10	7
Grundy	1	1	1	0	0	3	0	0	0	1	2	3	1	1	8	8	8	7
Guthrie	0	0	0	0	0	0	1	0	0	0	1	1	3	2	7	7	8	11
Hamilton	1	0	0	0	1	2	0	1	1	1	1	2	2	1	7	15	15	8
Hancock	0	1	0	0	1	2	1	0	4	1	2	0	2	1	6	7	7	6
Hardin	0	0	0	1	1	2	4	1	0	1	3	4	3	2	13	4	5	9
Harrison	0	0	0	0	0	0	1	0	2	1	1	0	1	5	8	8	7	12
Henry	0	0	0	0	0	0	1	2	8	0	1	0	1	2	4	10	10	18
Howard	0	0	0	1	1	2	0	0	2	1	0	2	1	0	4	1	1	5
Humboldt	0	0	0	0	0	0	0	0	0	0	3	0	3	3	9	9	3	7
Ida	0	0	0	0	1	1	0	0	0	1	0	0	1	1	3	4	3	5
Iowa	0	0	2	0	0	2	1	1	0	0	1	1	0	2	4	11	8	3
Jackson	0	0	0	1	0	1	0	2	4	1	3	8	2	5	19	12	11	15
Jasper	0	0	0	1	0	1	1	8	6	3	2	4	3	2	14	16	20	13

Table 2. Deaths to Residents Caused by Homicide and Suicide in Iowa's Counties, 1981-2000 (continued).

County	Homicides									Suicides								
	2000	1999	1998	1997	1996	1996-2000	1991-1995	1986-1990	1981-1985	2000	1999	1998	1997	1996	1996-2000	1991-1995	1986-1990	1981-1985
Jefferson	0	0	0	1	0	1	2	0	0	2	4	5	5	4	20	9	12	5
Johnson	1	2	1	1	4	9	12	3	7	3	5	14	13	7	42	43	45	42
Jones	0	0	1	0	0	1	1	0	1	1	1	5	2	2	11	9	18	10
Keokuk	0	0	0	0	1	1	1	1	1	4	1	1	0	3	9	11	6	8
Kossuth	0	0	0	0	0	0	0	2	1	0	0	1	1	2	4	3	9	10
Lee	0	1	2	0	1	4	6	1	9	4	8	2	7	6	27	26	18	23
Linn	1	3	5	4	1	14	21	13	22	21	27	25	25	18	116	98	129	90
Louisa	0	0	0	0	1	1	0	0	1	0	1	1	0	4	6	8	12	13
Lucas	0	0	0	0	0	0	1	0	2	1	2	3	0	0	6	10	11	5
Lyon	0	0	0	0	0	0	1	0	0	1	0	2	0	1	4	3	5	7
Madison	0	0	1	0	2	3	0	2	2	0	1	4	2	2	9	6	5	10
Mahaska	0	0	0	2	0	2	1	3	3	1	0	1	1	2	5	8	14	14
Marion	1	0	0	1	0	2	3	3	2	3	2	0	4	4	13	13	23	20
Marshall	2	1	1	0	1	5	2	4	4	4	3	3	7	2	19	27	31	28
Mills	0	0	0	0	0	0	0	1	1	3	0	1	2	0	6	9	5	7
Mitchell	0	0	0	0	0	0	0	0	0	3	0	2	1	3	9	6	6	8
Monona	0	0	0	0	0	0	0	0	1	4	0	3	0	1	8	5	8	2
Monroe	0	0	0	0	0	0	0	0	4	1	4	2	2	4	13	4	6	3
Montgomery	0	0	0	3	0	3	0	1	0	1	3	2	1	1	8	9	11	12
Muscatine	0	0	1	0	0	1	7	4	8	3	2	5	3	2	15	27	26	22
O'Brien	1	0	0	0	1	2	2	1	2	3	2	1	1	0	7	10	6	9
Osceola	0	0	0	0	0	0	0	0	0	2	1	0	1	1	5	4	7	4
Page	0	0	0	0	0	0	2	2	1	0	3	1	2	1	7	10	7	5
Palo Alto	0	0	0	0	0	0	0	0	0	1	0	3	1	1	6	2	4	6
Plymouth	1	1	0	0	0	2	1	0	0	5	3	1	3	1	13	9	15	9
Pocahontas	0	0	0	0	0	0	1	1	3	2	0	5	1	0	8	4	6	9
Polk	15	23	22	18	21	99	78	88	74	33	41	44	43	45	206	196	230	214
Pottawattamie	8	2	5	7	5	27	17	13	10	17	9	15	13	8	62	62	59	54
Poweshiek	0	0	0	1	0	1	1	0	1	1	3	4	1	6	15	8	9	11
Ringgold	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	4	4	2
Sac	0	0	0	0	0	0	2	0	1	1	1	1	0	2	5	8	9	3
Scott	4	2	3	3	3	15	28	18	34	23	16	21	15	12	87	94	106	108
Shelby	0	0	0	0	0	0	0	0	1	0	0	1	4	0	5	6	9	8
Sioux	0	0	1	0	0	1	4	1	1	2	2	1	0	3	8	5	6	8
Story	0	1	0	0	2	3	4	4	2	4	5	9	12	5	35	28	30	28
Tama	1	0	2	1	3	7	0	4	0	1	2	2	4	2	11	16	8	17
Taylor	0	0	0	1	0	1	0	0	2	1	0	1	1	2	5	3	12	7
Union	1	2	0	1	0	4	1	1	1	2	4	2	1	3	12	11	7	7
Van Buren	0	0	0	0	0	0	0	1	1	4	3	2	0	1	10	2	7	8
Wapello	4	1	0	0	5	10	4	4	5	5	5	2	5	5	22	24	23	28
Warren	0	0	0	1	1	2	7	2	3	3	6	2	0	8	19	20	20	16
Washington	1	0	0	0	0	1	1	2	0	3	3	0	3	3	12	16	10	9
Wayne	0	0	0	0	0	0	0	1	1	0	0	1	0	2	3	5	5	2
Webster	0	0	3	2	0	5	7	4	11	9	3	5	4	7	28	20	36	28
Winnebago	0	0	0	0	0	0	0	0	0	3	1	0	0	1	5	4	6	7
Winneshiek	0	0	0	0	0	0	1	0	0	1	0	0	0	2	3	11	13	12
Woodbury	2	2	2	6	1	13	20	15	14	8	12	11	11	10	52	53	59	56
Worth	0	0	1	0	0	1	1	0	1	0	0	1	2	2	5	7	4	5
Wright	0	0	0	0	0	0	0	1	1	1	1	0	1	0	3	7	10	4
State of Iowa	57	55	66	71	72	321	315	280	349	286	302	328	345	321	1582	1597	1731	1618

Deaths Due to Homicide

There were two more homicides in Iowa in 2000 (57) than in 1999, although the numbers were higher from 1996 through 1998 (Table 2, Figure 1). Seventy-six of Iowa's counties had no homicides in 2000 and another 15 counties had only one. Polk (15) had the most and Pottawattamie (8) was the only other county with more than four homicide deaths that year.

From 1996 through 2000, 321 Iowans died by homicide. The lowest total of the periods reported in Table 2 occurred in 1986-1990 while the highest was that from 1981 through 1985. Relatively little change was noted between the two most recent periods. Audubon, Calhoun, Humboldt, Mitchell, Osceola, Palo Alto, and Winnebago had no homicides reported across the last 20 years. Twenty-eight fewer homicides occurred in 1996-2000 than in 1981-1985.

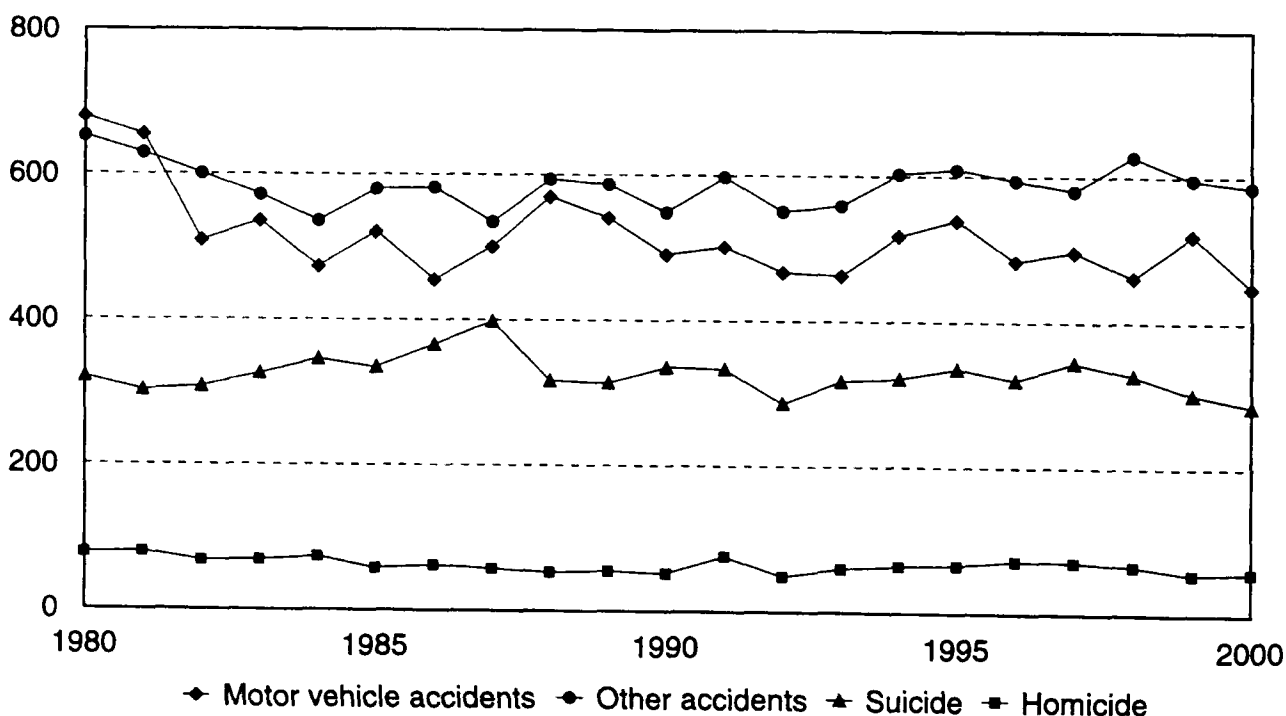
Deaths Due to Suicide

Iowa recorded 286 suicides in 2000, a number lower than any years noted in Figure 1. Polk (33) was the only county with at least 25 suicides in 2000 (Table 2). More than a quarter (26) of Iowa's 99 counties had no suicides in 2000; another 63 counted five or fewer that year.

A total of 1,582 Iowans committed suicide from 1996 through 2000. Of the five-year periods noted in Table 2, suicides peaked in 1986-1990 at 1,731. When 1981-1985 and 1996-2000 were compared, 36 fewer suicides were reported in the more recent period. Counties changed relatively little; only eight counties changed in either direction by at least 10 deaths due to suicide.

Note: See an annual publication called VITAL STATISTICS OF IOWA for more detailed data on deaths (Iowa Department of Public Health, Lucas State Office Building, Des Moines, IA 50319).

Figure 1. Deaths due to selected causes in Iowa, 1980–2000.



Alcohol-Related Traffic Fatalities in Iowa's Counties: 1989-2000

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Scott Falb, Iowa Department of Transportation

The Iowa Department of Transportation keeps records of reported traffic accidents throughout the state. Based on police records, the department also registers the injuries and/or fatalities resulting from these accidents and whether alcohol was a factor. It is not mandatory in Iowa to test for alcohol among those involved in a fatal traffic accident; drivers are tested only when officers have articulable reasons to order such a test. Thus, the information reported in this section should be considered as representing the minimum number of alcohol-related traffic fatalities in this state. Also, these figures are recorded by the county where the fatality occurred.

In the three-year period from 1998 through 2000, 358 deaths were recorded as occurring in alcohol-related traffic accidents (Table 1). Black Hawk, Clayton, Johnson, Linn, Polk, Pottawattamie, Scott, and Woodbury each had at least 10 such fatalities; these eight counties accounted for more than a quarter (27.1%) of the state's total. Nine counties (Adair, Cass, Emmet, Franklin, Hamilton, Hancock, Jefferson, Ringgold, Sioux) did not have any reported deaths of this type in 1998-2000.

The number of alcohol-related traffic fatalities declined steadily across the four three-year periods examined. From 1989 through 1991, 608 such deaths occurred; this dropped to 478 in 1992-1994 and to 425 in 1995-1997. Indeed, the 1998-2000 figure was 41.1 percent lower than that reported for 1989-1991. Twenty-one counties reported greater numbers of such fatalities in the most recent period rather than the first one noted, although no increase was as great as 10. Declines generally were modest as well, although numbers decreased by at least 10 deaths in Clinton, Harrison, Lee, Marshall, Muscatine, Polk, Pottawattamie, and Wapello. The drop of 24 in Polk was the largest reported.

Table 1. Alcohol-Related Traffic Fatalities in Iowa's Counties, 1989-2000.

County	1998- 2000	1995- 1997	1992- 1994	1989- 1991	County	1998- 2000	1995- 1997	1992- 1994	1989- 1991
Adair	0	1	0	1	Jefferson	0	4	3	6
Adams	2	1	3	5	Johnson	11	6	7	17
Allamakee	5	5	7	7	Jones	6	4	2	7
Appanoose	2	4	4	4	Keokuk	5	1	2	3
Audubon	1	5	2	1	Kossuth	3	1	1	6
Benton	1	2	3	8	Lee	8	10	13	18
Black Hawk	14	21	13	13	Linn	10	12	19	19
Boone	4	3	2	4	Louisa	1	2	0	5
Bremer	5	5	2	3	Lucas	4	1	3	4
Buchanan	4	4	4	2	Lyon	2	1	2	1
Buena Vista	4	3	2	5	Madison	2	7	4	2
Butler	3	4	2	1	Mahaska	3	5	6	4
Calhoun	3	1	3	4	Marion	5	3	6	3
Carroll	3	8	7	5	Marshall	2	5	8	14
Cass	0	3	3	5	Mills	2	1	3	5
Cedar	2	4	1	3	Mitchell	3	5	2	0
Cerro Gordo	7	12	11	9	Monona	2	2	5	7
Cherokee	1	4	1	3	Monroe	1	2	2	2
Chickasaw	3	6	0	4	Montgomery	4	2	0	2
Clarke	1	4	4	2	Muscatine	8	7	7	18
Clay	5	3	2	6	O'Brien	1	3	1	1
Clayton	11	4	7	4	Osceola	2	1	4	1
Clinton	3	5	8	14	Page	1	1	3	4
Crawford	1	7	7	6	Palo Alto	1	1	2	0
Dallas	9	6	7	7	Plymouth	1	2	2	6
Davis	3	6	8	3	Pocahontas	2	2	1	5
Decatur	8	2	2	3	Polk	18	16	38	42
Delaware	6	2	1	7	Pottawattamie	11	16	30	22
Des Moines	4	5	4	7	Poweshiek	3	2	2	6
Dickinson	1	2	2	3	Ringgold	0	1	1	0
Dubuque	3	5	10	10	Sac	2	3	2	4
Emmet	0	3	1	1	Scott	12	22	19	18
Fayette	6	2	6	4	Shelby	1	0	3	2
Floyd	2	1	5	0	Sioux	0	2	0	5
Franklin	0	1	3	6	Story	6	7	5	9
Fremont	2	3	2	9	Tama	5	11	7	8
Greene	3	3	2	4	Taylor	2	0	3	2
Grundy	2	5	3	3	Union	2	2	3	1
Guthrie	2	0	2	2	Van Buren	1	3	1	3
Hamilton	0	5	3	4	Wapello	3	11	6	14
Hancock	0	1	0	1	Warren	2	1	4	11
Hardin	2	2	3	4	Washington	5	3	8	8
Harrison	3	8	8	13	Wayne	2	3	3	1
Henry	4	4	7	11	Webster	7	5	13	9
Howard	4	0	6	1	Winnebago	2	1	1	4
Humboldt	1	3	1	6	Winneshiek	2	3	2	11
Ida	1	1	3	1	Woodbury	10	14	9	7
Iowa	6	2	5	3	Worth	1	1	2	6
Jackson	8	3	10	9	Wright	4	3	1	4
Jasper	2	9	5	7	County Unknown	0	1	0	3
					State of Iowa	358	425	478	608

Marriages and Dissolutions in Iowa's Counties: 1940-2000

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Marriages and dissolutions for Iowa and its counties are recorded annually by the Iowa Department of Public Health. Both marriages and dissolutions are counted according to the county in which they occur. Dissolutions are, for the most part, divorces, although annulments also are included.

Marriages

Iowa recorded 21,792 marriages in 2000, 237 fewer than in 1999 (Table 1, Figure 1). While there was relatively little change in the number of marriages across the years from 1995 through 2000, the numbers are 2,000 to 3,000 below those reported in most other years noted in Table 1.

In 2000, Polk's 2,772 marriages constituted the highest number in any county. Linn and Scott also had more than 1,000 marriages that year. Forty-two counties had fewer than 100 marriages in 2000, with counts less than 50 in Adams, Audubon, Osceola, and Ringgold.

Fifty-two of the counties followed the state trend with fewer marriages in 2000 than in 1999. Black Hawk, Chickasaw, Des Moines, and Polk each decreased by at least 50, while Dallas increased by a like amount. About 3,100 fewer marriages occurred in Iowa in 2000 than in 1990. Seventy-four counties mirrored this trend. Eight had at least 100 fewer marriages in 2000 than in 1990. Increases occurred in 25 counties, two of which were greater than 50 (Dallas, Madison). When 1980 and 2000 were examined, the decline in the state was even greater; 5,700 more marriages were counted at the beginning of the period than at the end.

Dissolutions

There were 9,756 dissolutions in Iowa in 2000. This was the fourth consecutive year that the total was less than 10,000; that hadn't occurred since the years before 1975. Between 1995 and 2000, dissolutions dropped by nearly 800 (Figure 1); they were higher in 1980 than in any other year reported in Table 2. Most of these year-to-year changes were modest, but between 1981 and 1982 there was a decline in dissolutions of 1,202. This large decrease followed the year (1981) in which the number of dissolutions was the highest ever recorded in Iowa. The increase of 19 between 1999 and 2000 represented a relatively small change between adjacent years in the 1995-2000 period.

Dissolutions were highest in 2000 in Polk, the only county with more than 1,000. Other counties with at least 300 dissolutions that year were Linn, Pottawattamie, Scott, and Woodbury. Fifty counties reported fewer than 50 dissolutions in 2000.

Between 1999 and 2000, the number of dissolutions decreased in 43 counties, remained the same in 4, and increased in the remaining 52. Increases were 10 or more in 18 counties, with only the gain of 99 in Polk greater than 50. Among the counties with fewer dissolutions in 2000 than in 1999, 28 declined by 10 or less. The largest drops occurred in Johnson and Linn, the only counties where the number of dissolutions declined by at least 50.

Across the state, there were nearly 1,200 fewer dissolutions in 2000 than in 1990. More than half (57) of the counties followed that trend. Thirty-eight counties had more dissolutions at the end of the period than at the beginning, while four had the same number both years. The comparison of 1980 and 2000 continued these trends. Nearly 2,100 fewer dissolutions occurred at the end of the period than the

Table 1. Marriages in Iowa's Counties, 1940-2000.

County	2000	1999	1998	1997	1996	1995	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Adair	61	43	47	37	57	37	63	62	57	69	70	50	78	73	89	52	71
Adams	22	33	36	27	42	33	24	43	36	59	41	34	48	57	63	34	64
Allamakee	138	108	102	105	119	124	134	133	149	176	217	142	211	211	222	165	1043
Appanoose	117	124	132	106	129	100	157	125	129	123	107	71	123	152	156	187	153
Audubon	41	29	50	36	45	31	48	49	64	77	58	72	65	57	87	50	74
Benton	160	148	143	147	153	141	156	160	190	173	206	155	141	162	175	137	217
Black Hawk	866	940	945	954	961	1002	1074	1044	1256	1130	1103	723	793	724	840	785	908
Boone	172	180	170	178	177	191	179	216	235	208	185	183	157	184	205	224	230
Bremer	186	167	181	179	180	173	169	175	224	204	191	151	153	146	157	153	207
Buchanan	131	170	167	147	163	138	174	183	216	184	199	189	166	164	178	145	244
Buena Vista	128	141	124	164	143	163	164	180	207	233	170	148	144	168	172	111	188
Butler	82	88	85	94	93	91	97	107	122	153	129	115	126	112	131	101	153
Calhoun	64	80	76	52	72	70	80	76	117	141	116	92	84	121	141	79	141
Carroll	175	162	145	150	151	170	189	163	240	229	244	157	170	208	216	173	229
Cass	131	99	99	110	111	119	150	145	160	155	142	106	148	146	149	72	154
Cedar	109	113	103	109	119	125	139	103	156	173	139	98	125	90	118	100	195
Cerro Gordo	332	340	330	333	364	371	406	375	411	469	477	418	1504	1142	993	620	836
Cherokee	101	81	95	107	101	95	94	105	136	134	150	93	110	112	143	101	142
Chickasaw	498	563	644	580	611	623	806	791	850	860	791	701	1356	1167	1222	523	1731
Clarke	75	66	55	48	60	65	59	58	72	64	72	55	65	68	90	51	81
Clay	130	114	119	107	88	111	162	132	144	166	126	105	98	110	130	114	201
Clayton	159	138	131	136	139	150	149	154	204	189	183	147	155	179	194	172	383
Clinton	373	407	421	415	425	414	447	554	560	471	484	453	750	619	521	556	4705
Crawford	112	98	118	122	149	146	131	135	163	159	157	138	108	136	120	137	189
Dallas	349	264	255	245	255	265	229	227	230	218	217	203	175	220	242	174	219
Davis	72	76	70	59	51	60	57	57	68	66	56	50	81	102	96	94	75
Decatur	56	74	45	60	88	61	67	80	81	71	74	54	71	101	115	61	72
Delaware	140	129	106	118	107	135	137	140	191	178	139	113	118	118	142	123	246
Des Moines	309	367	332	344	401	377	487	402	457	393	390	328	365	310	391	420	1354
Dickinson	162	147	146	132	150	147	130	135	122	111	102	88	86	71	99	55	190
Dubuque	752	739	721	745	758	806	888	894	949	926	919	725	1536	1591	1719	938	7733
Emmet	84	75	83	101	87	79	107	96	104	135	140	113	83	114	108	62	351
Fayette	135	138	140	127	152	147	193	185	201	207	226	198	164	219	199	192	290
Floyd	96	97	95	109	110	120	134	155	153	166	164	127	122	166	123	109	200
Franklin	66	62	69	70	67	69	73	87	79	110	72	94	98	93	114	106	152
Fremont	61	60	75	68	70	65	75	52	80	79	100	82	134	111	162	57	149
Greene	64	81	62	72	70	72	107	73	105	105	118	101	96	113	134	99	118
Grundy	73	89	64	63	70	69	76	92	91	102	108	91	85	77	86	86	134
Guthrie	73	78	91	80	96	85	106	75	112	90	102	90	89	87	91	75	94
Hamilton	130	112	111	105	100	123	129	125	170	160	155	145	127	133	149	129	167
Hancock	78	84	66	78	83	99	95	101	101	142	101	94	118	116	93	95	125
Hardin	134	131	107	139	128	150	136	172	195	174	170	130	149	130	183	155	191
Harrison	91	92	113	101	103	92	124	136	147	134	163	138	204	178	165	111	211
Henry	146	129	157	137	164	159	156	167	164	122	158	125	120	113	141	109	162
Howard	63	75	63	69	69	77	75	92	104	116	132	103	112	119	124	100	475
Humboldt	80	75	62	56	68	71	89	82	107	106	103	79	86	96	99	70	91
Ida	61	56	53	46	72	51	63	59	69	74	54	48	46	60	71	48	66
Iowa	125	91	93	92	97	81	129	102	138	145	126	134	120	103	107	101	129
Jackson	171	160	142	144	152	190	184	176	238	179	175	160	166	173	189	137	645
Jasper	238	246	235	269	284	271	289	298	344	322	297	232	232	221	297	213	210

Table 1. Marriages in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Jefferson	138	121	119	145	122	136	158	144	144	137	165	157	99	124	170	122	145
Johnson	631	639	676	668	689	651	770	697	731	612	589	475	507	557	739	588	473
Jones	134	134	140	129	151	133	155	159	169	176	143	144	158	163	151	123	252
Keokuk	77	87	67	82	78	66	101	99	122	134	106	102	90	87	136	80	111
Kossuth	128	113	120	136	123	112	154	152	182	173	223	149	183	205	227	180	313
Lee	351	318	359	337	377	376	396	412	442	370	338	309	359	349	459	383	894
Linn	1325	1356	1331	1414	1422	1394	1525	1453	1562	1320	1392	995	911	868	988	810	1001
Louisa	60	73	70	84	83	76	69	91	74	101	64	66	52	57	81	48	94
Lucas	74	78	37	72	67	58	70	72	95	85	79	75	73	75	106	92	104
Lyon	83	89	73	69	66	80	77	90	116	122	99	87	142	118	121	99	697
Madison	151	138	124	138	158	135	97	66	100	110	96	84	83	85	92	69	102
Mahaska	172	196	190	156	208	170	189	179	201	172	196	174	164	177	237	191	191
Marion	242	248	243	249	238	237	326	246	296	289	238	185	167	175	197	158	185
Marshall	312	327	284	353	350	364	341	339	378	350	346	267	269	254	343	285	333
Mills	91	73	77	96	88	83	105	82	101	87	83	93	188	162	158	98	408
Mitchell	58	64	65	66	69	70	93	93	101	116	100	102	132	132	147	115	373
Monona	79	57	64	47	70	68	83	72	127	108	107	84	133	107	155	102	148
Monroe	58	57	48	70	57	72	73	77	83	84	71	72	79	77	101	91	98
Montgomery	76	103	92	95	105	93	99	103	105	97	116	97	94	129	171	86	145
Muscatine	392	391	389	383	406	422	421	383	398	368	333	284	271	282	318	288	568
O'Brien	114	106	91	105	107	96	120	119	139	173	132	106	105	102	141	117	170
Osceola	48	59	44	53	43	47	58	47	58	76	63	64	53	71	102	80	248
Page	106	115	102	110	123	108	144	137	154	163	170	162	185	198	218	124	238
Palo Alto	91	80	77	58	70	71	87	97	131	122	137	94	122	114	125	101	187
Plymouth	173	138	141	146	154	143	169	172	197	208	191	142	139	177	184	160	262
Pocahontas	54	64	63	52	60	49	57	84	94	120	114	111	108	110	131	89	112
Polk	2772	2912	2876	2972	2840	2957	3217	2987	3118	2773	2628	2141	2092	2210	2661	2397	2099
Pottawattamie	709	740	750	783	823	751	938	961	978	873	796	637	919	935	962	652	690
Poweshiek	121	109	113	111	117	123	154	141	169	144	156	109	113	127	133	116	105
Ringgold	45	33	42	32	33	34	39	44	60	51	55	54	38	73	63	43	53
Sac	71	74	85	91	89	106	94	110	118	119	122	114	98	93	148	95	158
Scott	1307	1263	1321	1236	1345	1312	1354	1505	1614	1203	1017	866	867	828	935	870	4396
Shelby	87	104	101	92	103	85	120	115	146	118	135	121	123	104	153	98	128
Sioux	231	247	203	227	233	216	221	246	277	261	276	160	212	218	248	243	309
Story	525	547	495	484	516	464	490	527	589	505	478	388	317	242	368	246	310
Tama	115	138	130	144	158	108	143	131	139	143	159	133	118	109	153	110	129
Taylor	58	53	46	51	41	43	55	43	60	61	58	50	62	111	107	29	72
Union	94	123	100	93	85	108	113	101	164	117	106	87	92	93	142	107	114
Van Buren	59	68	61	47	65	57	56	55	87	58	56	68	74	64	67	51	48
Wapello	341	320	327	282	321	330	365	369	396	368	357	295	310	418	414	478	323
Warren	269	280	263	254	287	293	333	288	329	271	247	179	151	171	178	120	178
Washington	159	154	152	123	173	160	137	135	162	135	147	127	122	113	150	122	149
Wayne	52	57	51	54	64	51	51	43	73	67	64	52	60	52	84	59	47
Webster	282	312	301	316	281	318	354	365	407	435	405	327	360	373	494	324	454
Winnebago	91	82	99	93	97	92	87	100	113	117	121	132	124	129	138	73	156
Winneshiek	152	133	159	137	131	158	180	151	185	192	140	163	204	202	259	174	961
Woodbury	722	751	654	789	774	752	760	802	883	853	858	602	703	714	945	1045	966
Worth	51	49	42	41	51	51	66	54	57	94	110	200	976	797	704	264	2117
Wright	89	97	78	72	96	90	81	112	152	155	148	121	112	119	148	108	150
State of Iowa	21792	22029	21609	21909	22711	22573	24931	24578	27474	25616	24648	20247	24774	24493	27603	21264	48352

Table 2. Dissolutions in Iowa's Counties, 1940-2000.

County	2000	1999	1998	1997	1996	1995	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Adair	28	23	28	27	30	24	30	27	34	14	15	4	6	14	12	23	9
Adams	11	14	13	7	17	15	18	17	11	25	6	8	13	9	10	4	8
Allamakee	27	32	27	26	42	33	26	43	29	24	12	8	5	8	4	26	9
Appanoose	28	30	31	55	61	61	54	51	59	49	29	24	22	21	25	52	48
Audubon	21	14	19	19	21	17	23	14	22	19	12	8	1	3	10	18	8
Benton	73	72	71	82	91	55	68	58	39	46	33	32	17	22	20	31	17
Black Hawk	296	265	264	313	328	400	493	512	671	544	403	280	271	279	306	448	277
Boone	96	94	126	112	105	95	96	113	133	88	46	55	47	37	53	72	31
Bremer	66	58	72	62	68	63	70	65	70	53	26	13	12	16	14	19	14
Buchanan	71	63	49	56	46	53	67	59	64	57	33	21	13	15	25	23	21
Buena Vista	54	59	68	75	58	71	75	63	59	51	37	25	30	20	16	36	27
Butler	48	41	35	28	51	50	45	42	35	23	10	10	11	13	11	17	7
Calhoun	30	26	20	33	26	31	39	40	39	33	21	9	13	10	12	18	14
Carroll	69	65	69	67	53	56	48	52	65	30	20	7	11	11	16	25	14
Cass	54	59	57	54	70	74	56	60	52	61	28	23	21	19	41	33	25
Cedar	69	40	52	52	55	48	47	55	67	50	32	25	12	17	18	24	14
Cerro Gordo	155	152	159	132	161	168	166	164	161	199	127	93	87	108	132	162	106
Cherokee	27	30	28	45	42	50	48	45	46	34	37	32	34	25	32	39	17
Chickasaw	37	50	38	41	20	39	28	34	38	23	8	8	5	6	2	7	11
Clarke	28	23	16	24	28	38	44	25	38	27	20	13	15	14	26	30	20
Clay	51	56	59	67	58	70	87	70	83	77	35	38	30	32	36	39	23
Clayton	44	44	48	45	63	46	41	49	59	40	20	7	17	10	15	20	24
Clinton	154	180	159	144	133	190	191	241	245	245	151	165	102	129	129	176	94
Crawford	50	58	73	64	51	65	73	53	64	44	25	21	9	11	17	25	22
Dallas	109	106	84	40	140	116	116	123	121	86	79	58	20	26	22	55	25
Davis	36	23	39	27	38	36	37	36	32	29	17	10	15	9	17	21	21
Decatur	31	28	28	19	32	42	29	24	37	25	15	8	11	18	27	26	28
Delaware	55	47	42	44	46	31	41	40	35	33	24	7	9	14	7	20	23
Des Moines	190	216	182	161	134	103	188	170	178	216	176	113	96	110	102	190	78
Dickinson	45	64	62	68	52	62	63	53	78	48	23	16	24	16	30	26	18
Dubuque	243	253	310	292	288	297	315	258	293	267	165	92	73	66	74	110	61
Emmet	33	41	20	33	43	37	37	38	57	44	16	20	15	25	32	39	12
Fayette	54	59	79	63	72	80	82	44	64	35	38	36	23	26	25	48	41
Floyd	48	65	46	61	49	74	57	56	82	69	46	27	34	34	40	64	31
Franklin	35	24	42	29	44	41	32	38	47	36	20	13	8	13	28	22	21
Fremont	36	26	23	25	33	27	33	36	29	23	18	9	17	13	9	18	23
Greene	43	45	32	28	21	46	38	30	33	38	30	16	13	16	8	17	21
Grundy	32	39	39	38	26	33	27	33	35	25	16	11	6	7	12	9	14
Guthrie	47	44	44	38	46	41	42	33	38	38	18	13	7	13	11	28	8
Hamilton	74	60	47	76	67	79	66	50	56	55	32	25	24	31	38	37	23
Hancock	22	22	29	24	33	39	26	29	35	34	12	5	8	12	11	19	11
Hardin	71	59	55	62	66	77	69	67	62	50	35	24	24	20	30	33	25
Harrison	64	60	54	61	56	63	61	63	58	57	31	20	23	32	28	33	18
Henry	81	113	72	71	85	92	86	56	61	54	50	19	19	28	32	54	12
Howard	31	21	19	28	21	21	27	23	16	13	5	6	6	6	14	11	11
Humboldt	39	39	27	33	26	25	29	28	38	36	18	8	11	13	13	21	15
Ida	25	22	24	25	27	30	17	20	24	21	5	5	5	4	9	13	8
Iowa	42	46	39	47	62	51	49	29	39	27	14	11	8	11	17	11	14
Jackson	66	53	57	57	50	59	53	53	41	41	26	21	27	33	18	32	20
Jasper	73	84	66	52	66	67	156	123	154	121	99	62	73	82	62	75	29

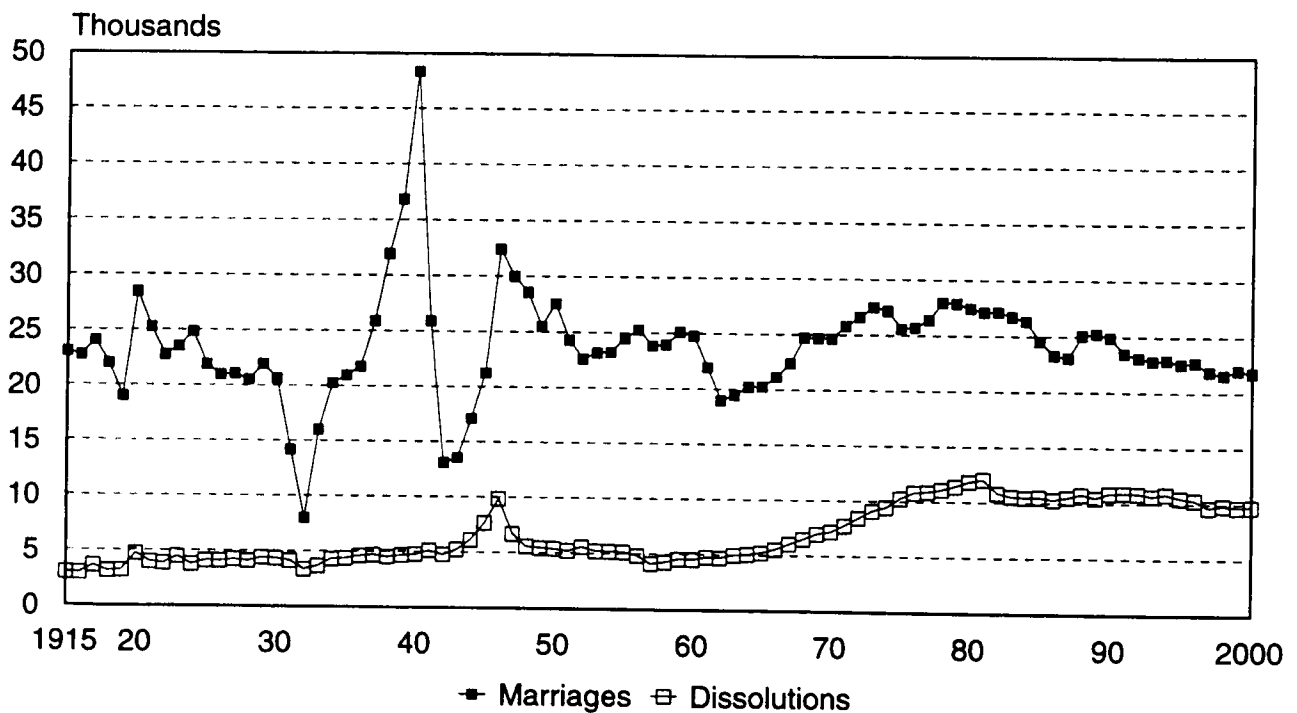
Table 2. Dissolutions in Iowa's Counties, 1940-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1990	1985	1980	1975	1970	1965	1960	1955	1950	1945	1940
Jefferson	71	69	81	78	68	82	85	98	64	45	39	38	24	39	30	65	39
Johnson	246	304	290	270	273	270	237	270	331	389	189	100	82	76	67	80	60
Jones	61	62	81	90	65	68	69	59	56	67	37	18	19	29	25	37	19
Keokuk	17	12	11	19	23	24	12	21	24	23	9	7	10	11	17	32	15
Kossuth	47	36	31	44	38	59	40	37	49	34	18	18	16	14	19	21	19
Lee	122	142	114	122	139	144	203	174	218	175	125	103	91	101	133	195	119
Linn	674	733	638	572	648	692	606	584	579	493	527	396	319	421	414	505	300
Louisa	50	49	39	39	48	49	43	40	59	36	19	14	19	18	20	11	8
Lucas	35	30	43	42	47	41	39	51	48	38	28	22	5	19	19	41	31
Lyon	17	15	22	13	28	23	11	24	18	23	4	8	3	10	10	8	9
Madison	48	39	69	58	51	54	62	35	45	28	23	15	9	11	17	26	16
Mahaska	87	85	91	108	109	124	125	108	100	83	55	49	47	46	59	72	25
Marion	110	103	122	111	117	125	127	109	112	88	51	30	32	42	18	27	22
Marshall	136	131	151	188	179	191	195	160	219	197	129	102	88	99	73	131	81
Mills	41	56	52	50	42	67	54	31	62	43	28	18	13	23	23	33	18
Mitchell	25	26	35	33	30	33	27	23	21	16	15	11	3	4	11	6	9
Monona	18	22	41	26	40	34	25	29	39	31	30	18	19	10	29	38	18
Monroe	30	37	38	30	28	24	38	23	26	19	9	15	10	8	8	24	17
Montgomery	51	51	57	61	70	75	44	68	69	56	27	28	30	34	35	27	23
Muscatine	224	211	220	192	207	197	212	212	227	208	145	94	91	97	134	171	126
O'Brien	39	44	35	31	43	39	41	37	28	14	9	13	5	9	10	21	11
Osceola	14	18	14	9	16	20	16	11	8	15	9	3	1	6	4	6	6
Page	68	55	76	63	74	55	70	75	73	66	30	44	37	40	44	73	43
Palo Alto	22	25	33	13	31	34	22	29	35	19	10	11	8	11	17	16	13
Plymouth	84	69	75	71	63	61	65	63	55	43	35	20	9	10	15	18	6
Pocahontas	20	35	23	17	25	31	30	18	33	22	13	16	16	13	10	18	11
Polk	1532	1433	1452	1527	1677	1529	1642	1716	1919	1755	1398	929	878	974	973	1508	940
Pottawattamie	427	378	438	413	434	499	465	446	513	451	354	230	195	209	218	330	176
Poweshiek	71	62	77	84	65	59	71	58	48	52	29	28	13	23	32	19	18
Ringgold	14	24	16	19	16	17	21	10	17	19	13	13	7	12	16	16	15
Sac	44	34	37	35	30	36	32	29	35	27	21	12	22	22	11	25	19
Scott	642	617	633	601	648	630	725	747	984	813	476	412	335	345	334	531	274
Shelby	45	48	34	40	36	39	37	31	39	27	16	10	12	11	12	17	11
Sioux	57	52	45	56	59	57	48	42	48	19	10	12	6	9	12	10	9
Story	171	169	195	177	178	184	208	165	241	241	136	57	59	53	62	72	36
Tama	47	69	54	38	55	51	58	45	46	39	29	23	15	17	15	40	24
Taylor	16	22	24	17	15	24	12	30	19	17	20	12	6	10	10	24	11
Union	46	54	51	46	48	56	74	45	72	58	40	25	32	29	31	40	24
Van Buren	35	27	34	32	23	43	40	27	17	19	22	16	3	9	17	23	13
Wapello	134	151	172	153	187	153	204	209	215	200	151	132	137	178	130	190	132
Warren	109	107	105	122	168	139	149	133	138	109	64	48	21	17	10	12	9
Washington	74	63	74	52	61	86	86	76	43	45	18	21	11	22	19	25	16
Wayne	26	27	22	25	20	23	30	16	21	35	18	11	7	22	19	25	21
Webster	152	162	184	185	164	180	177	148	188	153	117	80	52	75	90	129	98
Winnebago	35	39	45	34	46	43	35	36	48	33	22	15	7	8	9	6	9
Winneshiek	51	42	47	40	55	49	50	68	51	40	17	21	13	10	14	21	38
Woodbury	391	431	454	476	478	472	447	474	540	427	280	277	250	385	383	466	314
Worth	27	24	26	16	24	23	23	23	22	26	21	6	9	15	11	13	12
Wright	41	36	37	42	57	56	72	57	66	51	25	23	19	12	17	24	24
State of Iowa	9756	9737	9880	9712	10347	10545	10913	10525	11854	10304	7124	5208	4518	5195	5404	7667	4778

beginning. Declines of at least 100 took place in Black Hawk, Polk, Scott, and Woodbury. In no county did dissolutions increase by at least 100 when 1980 and 2000 were compared. Dissolutions were much greater in 2000 than in 1970 or 1960, however. In the most recent year, 2,600 more dissolutions occurred than in 1970 while 5,200 more were counted than in 1960.

Note: See an annual publication called VITAL STATISTICS OF IOWA for additional data on marriages and dissolutions (Iowa Department of Public Health, Lucas State Office Building, Des Moines, IA 50319).

Figure 1. Marriages and dissolutions in Iowa, 1915–2000.



Employment and Unemployment in Iowa's Counties: 1980, 1985, and 1990-2000

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Margaret Hanson, Iowa State University
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Iowa's labor force was estimated to include 1,563,100 people in 2000 (Table 1). The state's labor force generally declined from 1980 through 1984. The pattern changed back to growth from 1984 to 1985 and increases occurred each year until a decline took place from 1989 to 1990. Gains occurred through 1994, with the years following alternating between decline and growth. Labor force data include persons who are unemployed and looking for work as well as those who are already employed. This information is estimated by Iowa Workforce Development (formerly the Iowa Department of Employment Services) in cooperation with the Bureau of Labor Statistics of the U.S. Department of Labor; the methods used are consistent from state to state. The information on unemployment includes the number of persons receiving unemployment benefits plus an estimate of the number unemployed who do not receive such benefits. The data on employment are derived from monthly surveys of those employed in nonfarm jobs plus estimates of those self-employed and those working on farms. Additional factors are applied to account for multiple job holders, commuters, and new and re-entering workers.

In 2000, Polk County had 212,900 in the labor force, nearly double the next highest county (Linn, 114,300). Adams, Ringgold, and Wayne, in contrast, reported fewer than 3,000 in the labor force. Polk's labor force increased by 23,400 between 1990 and 2000. Johnson, Linn, and Scott were the only others with gains of more than 5,000. Although Iowa had 115,100 more people in the labor force in 2000 than in 1990, 29 counties had a smaller labor force at the end of the period. Of these 29 counties, only Floyd, Kossuth, Louisa, Pocahontas, and Winnebago declined by as much as 500, however.

Employment

Employment in Iowa in 2000 (1,522,100) was 10,600 less than that for 1999 (Table 2). In Iowa's counties in 2000, the number employed ranged from fewer than 3,000 in Adams, Ringgold, and Wayne to more than 208,000 in Polk. Five urban counties (Black Hawk, Johnson, Linn, Scott, Woodbury), in addition to Polk, had more than 50,000 employed in 2000.

The state had 135,800 more employed persons in 2000 than in 1990, an increase of 9.8 percent. Polk increased the most (+25,100), Linn was second (+20,900), and Johnson (+11,300) was third; these were the only counties with gains of more than 7,500 employees. Linn, Johnson, and Polk together accounted for more than two-fifths (42.2%) of the state's gain in employment from 1990 to 2000. Twenty-four counties had lower numbers employed in 2000 than in 1990, although only Floyd, Pocahontas, and Winnebago had decreases greater than 500 during this period.

Between 1990 and 2000, employment increased more than 10.0 percent in 31 counties, topped by gains greater than 20.0 percent in Clarke, Dallas, Dickinson, Hancock, Johnson, Linn, and Marion. Only Winnebago had a decline greater than 20.0 percent from 1990 to 2000, while Adams, Floyd, Pocahontas, and Wayne noted decreases among those employed in the 10.0-19.9 percent range between 1990 and 2000.

Table 1. Labor Force Estimates in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	4510	4410	4200	4280	4410	4460	4330	4150	4180	4010	4010	4430	4560
Adams	2080	2270	2150	2310	2390	2390	2460	2370	2410	2410	2430	2870	2690
Allamakee	7330	7440	7310	7580	7740	7600	7680	7480	7410	7250	7160	7390	7040
Appanoose	6460	6710	6690	6770	6700	6630	6810	6790	6710	6600	6340	5850	6110
Audubon	3290	3460	3400	3570	3740	3670	3710	3650	3820	3740	3600	3740	4060
Benton	11610	11540	11620	11930	12120	11780	11750	11670	11330	11080	11400	10650	11200
Black Hawk	67000	67400	69200	68800	68700	67800	68100	69200	66200	64000	62100	59880	69500
Boone	14150	14110	13990	14050	14030	13630	13710	13460	13030	12830	12600	11940	12300
Bremer	12300	12400	12600	12800	12700	12300	12400	12700	12300	11900	11400	10190	10920
Buchanan	10710	10920	11050	10940	10920	10690	10650	10380	10030	9840	9550	9900	11250
Buena Vista	10640	10940	10790	10840	11110	11020	11160	11090	10790	10500	10000	10990	10750
Butler	7110	7640	7690	7850	8130	8070	8260	7930	7890	7560	7320	7730	8290
Calhoun	4690	4840	4790	4990	5190	5170	5180	5270	5190	5040	4960	5660	6240
Carroll	12250	12510	12580	12410	12140	11900	12010	12120	11560	10980	10690	11080	11700
Cass	7180	7530	7480	7730	7730	7680	7770	7790	7720	7510	7530	8510	8890
Cedar	9270	9410	9270	9630	9680	9460	9670	9670	9300	9220	9070	8880	8370
Cerro Gordo	25490	25810	26280	26680	26980	26100	25980	25980	25510	25810	25170	25450	24090
Cherokee	6720	6860	6720	6990	7070	6910	7080	7050	6950	6880	6710	7450	7710
Chickasaw	7040	7620	7490	7560	7770	7690	7600	7480	7270	7100	7060	7470	7340
Clarke	5150	4520	4330	4200	4030	3870	4000	4090	4220	4360	4220	4010	4820
Clay	10130	9950	9930	10150	10150	9660	9650	9410	9060	8850	8960	8890	10240
Clayton	9980	10330	10220	10730	10830	10450	9620	9680	9620	9200	9190	9930	10300
Clinton	25990	26360	26710	27280	27720	26920	27120	27390	27020	26150	25530	23260	28050
Crawford	8650	8800	8790	8940	8970	8790	8850	8880	8660	8430	8500	9060	9840
Dallas	20700	20600	20200	19700	19400	18300	18100	17800	17100	16400	16100	15020	13450
Davis	4120	4160	4160	4160	4350	4330	4340	4280	4100	4010	3860	3680	3600
Decatur	3520	3630	3730	3800	3820	3930	4030	3950	3890	3850	3790	4230	4160
Delaware	9350	9440	9350	9560	9550	9180	9340	9080	9070	8970	8790	8490	8950
Des Moines	23280	23220	23330	23430	23900	23410	23600	23710	23060	22440	22030	21410	19720
Dickinson	9790	9660	9680	9900	10170	9720	9540	9500	8850	8280	8030	8510	7380
Dubuque	48500	48500	48700	49500	50500	49900	50100	49900	48400	47300	46000	42330	45670
Emmet	5460	5500	5690	5780	5720	5550	5650	5760	5770	5690	5540	5410	6280
Fayette	10800	11130	11000	11360	11490	11410	11500	10790	10660	10400	10260	11130	11560
Floyd	7570	7720	7570	8010	8380	8110	8480	8710	8760	8620	8550	8470	7980
Franklin	5580	5900	5930	6010	6120	6040	6070	5870	5840	5690	5730	5770	6540
Fremont	3740	3820	3620	3760	3890	3940	3990	3930	3820	3710	3730	4590	5580
Greene	4790	4980	4940	4940	5220	5120	5250	5290	5240	4990	4880	5320	5640
Grundy	6040	6160	6050	6200	6080	5980	6240	6110	6030	5820	5780	6750	6200
Guthrie	5810	5980	5910	6040	6050	5890	5820	5880	5640	5650	5440	5320	5750
Hamilton	8350	8630	8250	8510	8630	8550	8700	8520	8760	8480	8350	9150	8650
Hancock	9500	9730	9190	9280	6030	6100	6090	5900	5920	5990	6220	6180	7120
Hardin	8920	9330	9460	9550	9630	9570	9610	9580	9490	9430	9380	9960	10890
Harrison	7820	7760	7570	7710	7730	7480	7620	7610	7430	7220	7100	6930	7180
Henry	10640	10910	10930	11130	11220	11100	11070	10830	10530	10170	10020	9970	9900
Howard	5430	5560	5470	5450	5450	5340	5280	4890	4890	4690	4600	5060	5610
Humboldt	5320	5500	5620	5630	5580	5340	5380	5250	5140	5000	4960	5510	5460
Ida	3870	4090	4000	4210	4250	4100	4150	4080	3850	3760	3880	4160	4250
Iowa	9310	9300	9200	9320	9520	9200	9470	9390	9010	8390	7990	8050	9250
Jackson	10210	10420	10260	10550	10770	10390	10950	10920	10610	10270	9990	10100	10390
Jasper	19490	19140	18870	19150	18890	18460	18410	18160	17990	17950	17860	17380	16420

Table 1. Labor Force Estimates in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	9370	9640	10030	10340	9860	9550	9740	9560	9000	8590	8490	8080	7840
Johnson	68500	67400	66300	64900	65200	64300	64600	63800	60300	58400	57500	54750	43720
Jones	9480	9600	9510	9750	9860	9630	9570	9440	9570	9330	9300	8750	10020
Keokuk	4910	5080	5160	5350	5290	5050	5150	5160	5230	5260	5320	5940	5240
Kossuth	8250	8660	8760	9110	9060	8730	8950	8810	8960	8900	8830	9780	11410
Lee	18490	18990	19330	19680	20040	19640	19710	19660	19590	19480	18870	18630	21430
Linn	114300	112800	110600	108800	109100	107000	105900	104700	99900	96700	96600	85720	89620
Louisa	5350	5450	5270	5770	6600	6480	6460	6560	6360	6090	5900	5110	5370
Lucas	3940	4040	4030	3970	3980	4080	4380	4400	4430	4290	4260	5000	4550
Lyon	5310	5520	5580	5830	5910	5750	5870	5930	5900	5650	5650	5590	6360
Madison	7140	7570	7580	7490	7690	7470	7390	7040	6480	6370	6360	5570	5860
Mahaska	10970	11570	11250	11320	11080	11070	11290	11120	10820	10580	10530	10060	9940
Marion	18890	18070	17950	18050	18120	17500	17050	17130	16390	15890	15730	14260	16270
Marshall	19970	20290	20400	20530	21050	20770	21030	20770	20240	20150	19980	19720	19370
Mills	6180	6290	5930	6110	6300	6180	6590	6550	6600	6550	6420	5850	6410
Mitchell	5320	5450	5430	5620	5740	5680	5710	5500	5300	5170	5150	5760	6000
Monona	4780	5000	4990	5320	5170	5170	5200	5170	4820	4440	4460	4890	5400
Monroe	4120	4130	4150	4170	4180	4240	4180	4100	3940	3910	3730	3870	4850
Montgomery	5710	5850	6010	6260	6390	6030	6190	6150	6000	5990	6110	6080	6570
Muscatine	21480	21450	21610	21130	21910	21350	21470	21880	21480	20900	20830	20760	20360
O'Brien	7630	7790	7750	7970	8100	7900	8010	7940	7640	7420	7310	7720	7880
Osceola	3580	3910	3620	3730	3830	3690	3680	3640	3700	3580	3510	3510	3440
Page	8860	8940	8840	9260	9380	9090	9230	8980	8570	8160	8120	8570	9020
Palo Alto	5100	5380	5280	5510	5560	5260	5380	5300	5230	4910	4840	5380	5480
Plymouth	13100	12960	12450	12980	13060	12670	12980	12910	12600	12350	11810	11720	11420
Pocahontas	3690	4080	4150	4310	4390	4320	4320	4250	4330	4310	4340	4830	4720
Polk	212900	211900	212000	211000	213700	209400	208800	208700	200100	193300	189500	171370	165770
Pottawattamie	48500	47500	47500	47600	47800	46400	46500	46700	45000	43900	43600	44890	41170
Poweshiek	10100	10190	10190	10290	10460	10370	10400	10370	10170	9800	9970	9710	10170
Ringgold	2530	2600	2510	2620	2720	2620	2720	2680	2700	2610	2560	2580	3230
Sac	5690	5880	5930	6160	6040	5980	6130	6040	6070	5900	5860	5710	6390
Scott	85200	85000	85400	84600	84500	82500	83700	85500	83400	80600	78600	75880	75050
Shelby	6670	6860	6740	7090	7180	6740	6880	6830	6720	6660	6540	7050	6570
Sioux	17430	17550	17530	17730	17450	16990	17210	16880	16120	15450	15260	15160	16200
Story	45840	45750	45450	45250	45750	44700	45570	44910	43030	41920	41750	38950	38470
Tama	8500	9040	9050	9290	9570	9670	9480	9110	8170	8160	8220	8680	9680
Taylor	3260	3350	3230	3300	3470	3380	3300	3230	3220	3280	3090	3540	3500
Union	6290	6500	6460	6470	6460	6310	6310	6470	6320	6050	6060	6200	7160
Van Buren	4030	4110	4210	4330	4170	4040	4050	4030	3840	3720	3610	3740	3820
Wapello	17170	17260	17410	17890	18560	18240	18510	18540	17900	17410	16880	16420	17150
Warren	23200	23100	23200	22900	23200	22700	22600	22500	21500	20700	20300	18580	18850
Washington	11040	11140	11230	11410	11530	11180	11210	11160	10960	10680	10390	9580	9880
Wayne	2830	2960	2990	3210	3390	3350	3390	3290	3310	3140	3200	3270	3710
Webster	19690	20040	20130	20010	20240	20240	20260	20270	19880	19530	19460	20880	22920
Winnebago	4550	4720	4670	4820	7000	6690	6790	6700	6370	5970	6410	7250	5860
Winneshiek	12070	12710	11920	12200	12350	12030	12060	11920	11770	11430	11280	11940	11340
Woodbury	52900	53400	54400	55200	56100	55000	54900	55100	52800	51300	50100	48250	46110
Worth	3980	4020	4100	4140	4230	4070	4070	4090	3940	4010	4030	4450	3970
Wright	6740	6680	6860	7010	7260	7310	7040	7020	7210	7180	7100	8000	7630
State of Iowa	1563100	1572800	1569100	1579400	1593100	1559500	1566200	1559900	1511700	1470400	1448000	1412000	1432000

Table 2. Estimates of the Number Employed in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	4400	4300	4090	4150	4260	4300	4190	4010	4040	3890	3920	4220	4370
Adams	1990	2210	2070	2170	2170	2320	2380	2290	2310	2300	2340	2710	2580
Allamakee	7030	7150	6950	7240	7350	7210	7310	7130	6970	6850	6760	6620	6470
Appanoose	6180	6440	6390	6460	6330	6260	6440	6440	6290	6180	5910	5190	5460
Audubon	3190	3370	3300	3450	3610	3550	3610	3570	3710	3630	3480	3420	3910
Benton	11320	11230	11280	11520	11630	11280	11270	11210	10780	10500	10820	9750	10630
Black Hawk	64900	64800	66800	66200	65600	64800	64700	65400	62000	60000	58600	51260	64630
Boone	13860	13820	13670	13660	13650	13220	13240	12970	12460	12200	12070	11160	11730
Bremer	12100	12100	12300	12500	12400	12000	12100	12200	11700	11300	11000	9230	10280
Buchanan	10380	10520	10610	10500	10390	10210	10140	9800	9380	9260	9040	8790	10540
Buena Vista	10410	10710	10580	10600	10830	10760	10860	10790	10500	10250	9740	10450	10410
Butler	6840	7300	7380	7520	7700	7660	7800	7500	7360	7090	6990	6980	7780
Calhoun	4550	4700	4660	4830	5000	4990	5000	5080	5000	4880	4840	5220	6030
Carroll	11960	12230	12280	12020	11730	11460	11620	11750	11200	10570	10250	10190	11070
Cass	6880	7290	7190	7350	7310	7330	7400	7400	7320	7100	7120	7840	8520
Cedar	9050	9180	9030	9340	9310	9200	9380	9360	8950	8940	8820	8280	8090
Cerro Gordo	24720	25140	25500	25820	25890	25180	24790	24640	23960	24380	23860	23390	22610
Cherokee	6570	6710	6540	6780	6830	6690	6850	6850	6730	6680	6530	7050	7420
Chickasaw	6480	7370	7200	7200	7330	7300	7170	7030	6770	6620	6640	6560	6550
Clarke	4990	4360	4160	4030	3810	3640	3720	3750	3920	4070	4010	3650	4520
Clay	9880	9730	9640	9860	9880	9390	9360	9140	8770	8550	8760	8200	9760
Clayton	9580	9880	9720	10230	10170	9890	9050	9130	9030	8650	8690	8860	9480
Clinton	25070	25430	25870	26260	26390	25600	25880	26040	25410	24570	24060	20750	26470
Crawford	8460	8600	8550	8650	8660	8490	8530	8490	8300	8050	8020	8450	9490
Dallas	20400	20300	19800	19200	18900	17900	17600	17300	16400	15900	15600	14140	12670
Davis	4000	4010	4020	4000	4170	4150	4150	4100	3880	3770	3720	3320	3400
Decatur	3360	3470	3540	3630	3600	3660	3800	3650	3600	3600	3550	3930	3960
Delaware	9020	9080	8930	9090	8930	8710	8830	8580	8560	8490	8400	7550	8270
Des Moines	22510	22510	22600	22500	22730	22370	22480	22430	21620	21120	20890	19130	18150
Dickinson	9550	9420	9370	9540	9840	9390	9140	9180	8540	7980	7770	7710	6980
Dubuque	46900	47200	47100	47500	47600	48100	48200	47800	45700	44400	43300	38280	41760
Emmet	5300	5320	5490	5530	5470	5280	5360	5500	5450	5360	5230	4610	5940
Fayette	10350	10730	10560	10990	11020	10940	11060	10280	10060	9850	9830	10000	10780
Floyd	7240	7450	7230	7620	7940	7670	7750	8100	8150	8050	8090	7170	6960
Franklin	5430	5720	5760	5820	5920	5860	5870	5660	5580	5450	5500	5350	6280
Fremont	3660	3750	3530	3660	3740	3810	3850	3740	3600	3530	3600	4200	5440
Greene	4630	4830	4800	4810	5040	4900	5030	5080	5020	4750	4640	4820	5290
Grundy	5920	6010	5910	6030	5850	5750	6050	5920	5800	5630	5630	6340	5920
Guthrie	5660	5850	5760	5850	5840	5690	5590	5650	5390	5410	5230	4940	5480
Hamilton	8150	8450	8020	8240	8360	8200	8420	8220	8320	8130	7960	8570	8250
Hancock	9350	9590	9050	9100	5850	5900	5900	5670	5590	5650	5860	5590	6590
Hardin	8660	9060	9120	9150	9250	9190	9300	9200	8990	8910	8950	9370	10520
Harrison	7610	7580	7350	7440	7420	7140	7270	7250	7000	6840	6820	6290	6860
Henry	10350	10610	10640	10830	10840	10740	10690	10450	10050	9720	9670	9230	9320
Howard	5250	5410	5300	5270	5220	5140	5090	4700	4680	4500	4420	4590	5260
Humboldt	5190	5400	5510	5500	5440	5200	5210	5080	4970	4800	4800	5080	5170
Ida	3790	4000	3900	4090	4140	3990	4050	3980	3740	3630	3780	3950	4110
Iowa	9140	9150	9000	9080	9250	8980	9280	9170	8780	8180	7790	7530	8980
Jackson	9770	10020	9810	9990	10080	9800	10390	10370	9920	9600	9350	8920	9480
Jasper	19080	18770	18420	18620	18250	17840	17800	17480	17270	17160	17230	16300	15160

Table 2. Estimates of the Number Employed in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	9120	9340	9740	10010	9550	9180	9290	9150	8520	8190	8140	7500	7370
Johnson	67100	66000	64800	63200	63300	62500	62900	62100	58300	56700	55800	53040	42190
Jones	9240	9340	9240	9390	9440	9220	9170	8990	9000	8850	8850	8010	9470
Keokuk	4710	4860	4930	5100	5030	4810	4920	4900	4910	4990	5080	5450	4800
Kossuth	8020	8410	8520	8870	8760	8390	8590	8490	8520	8420	8440	8940	10720
Lee	17620	18250	18510	18610	18810	18650	18610	18230	18000	18010	17660	16680	19900
Linn	112200	110800	108500	106000	105900	104000	102700	101200	95700	92000	91300	79570	83800
Louisa	5170	5280	5090	5500	6300	6220	6200	6230	5990	5780	5640	4590	5160
Lucas	3830	3910	3890	3790	3770	3850	4150	4130	4130	4050	4000	4620	4280
Lyon	5190	5420	5450	5700	5740	5590	5720	5760	5750	5520	5530	5330	6100
Madison	6880	7330	7360	7200	7380	7150	7070	6730	6130	6020	6090	5160	5530
Mahaska	10740	11310	10980	11000	10690	10680	10940	10690	10370	10100	10120	9220	9390
Marion	18490	17680	17490	17500	17500	16910	16490	16530	15800	15280	15150	13700	15640
Marshall	19460	19840	19830	19900	20290	20100	20410	19930	19410	19420	19320	18170	18300
Mills	6070	6170	5800	5930	6090	5980	6380	6320	6320	6330	6190	5420	6210
Mitchell	5180	5290	5280	5480	5540	5500	5480	5290	5090	4940	4950	5210	5520
Monona	4630	4850	4820	5150	4980	4990	5020	4960	4600	4250	4300	4450	5100
Monroe	4000	4010	4020	3990	3990	4050	4010	3900	3730	3680	3530	3370	4510
Montgomery	5520	5660	5810	5950	6000	5800	5950	5900	5700	5740	5840	5550	6240
Muscatine	20880	20860	21010	20250	20840	20630	20660	20990	20270	19740	19820	19180	19380
O'Brien	7470	7620	7550	7780	7900	7690	7800	7730	7410	7250	7160	7350	7610
Osceola	3500	3820	3520	3630	3710	3560	3560	3530	3570	3470	3410	3240	3260
Page	8620	8720	8590	8960	9000	8770	8890	8630	8080	7680	7740	7870	8660
Palo Alto	5000	5250	5140	5360	5380	5090	5190	5120	5060	4730	4660	4920	5190
Plymouth	12750	12640	12100	12550	12550	12170	12610	12560	12140	11940	11450	10900	10940
Pocahontas	3580	3950	4050	4210	4250	4160	4200	4140	4180	4180	4240	4540	4540
Polk	208500	207800	207500	205300	207500	203900	202800	201400	192700	186400	183400	160110	156450
Pottawattamie	47400	46500	46300	46000	46200	44900	44800	44800	42700	41900	41900	41510	38630
Poweshiek	9790	9910	9860	9900	9930	9960	9970	9860	9700	9350	9520	9090	9640
Ringgold	2450	2530	2430	2540	2610	2520	2610	2590	2590	2500	2450	2400	3120
Sac	5540	5730	5740	5950	5800	5750	5900	5840	5880	5680	5630	5180	6080
Scott	82800	82500	83100	81900	81200	79500	80200	81400	78600	76600	75300	69640	71100
Shelby	6510	6700	6570	6860	6910	6480	6570	6530	6350	6300	6270	6420	6310
Sioux	17030	17130	17050	17250	16890	16480	16690	16440	15650	15020	14840	14430	15530
Story	44890	44780	44300	44040	44450	43440	44220	43530	41390	40280	40240	37640	37160
Tama	8180	8780	8790	8980	9130	9290	9100	8700	7710	7740	7860	8000	9410
Taylor	3140	3240	3120	3110	3230	3200	3100	3100	3070	3140	2980	3250	3360
Union	6060	6260	6230	6220	6130	6020	5980	6170	6030	5690	5770	5750	6800
Van Buren	3900	3990	4090	4180	4000	3880	3880	3860	3640	3520	3490	3360	3530
Wapello	16580	16600	16730	16750	17600	17340	17580	17490	16660	16110	15890	14460	15790
Warren	22800	22700	22700	22500	22700	22100	22100	21800	20800	20100	19800	17620	18000
Washington	10810	10870	10950	11070	11110	10820	10860	10790	10560	10320	10110	8790	9360
Wayne	2750	2870	2870	3070	3210	3220	3260	3120	3130	3020	3110	3030	3560
Webster	19120	19480	19530	19310	19470	19380	19380	19290	18710	18530	18470	19020	21590
Winnebago	4430	4620	4540	4680	6830	6510	6610	6480	6130	5610	5910	6730	5300
Winneshiek	11690	12310	11470	11730	11770	11460	11440	11270	11070	10820	10650	11030	10640
Woodbury	51500	52100	52900	53300	54000	53300	53100	53300	50500	48900	48000	44090	43160
Worth	3840	3910	3970	4020	4070	3930	3890	3910	3740	3790	3770	4040	3650
Wright	6570	6520	6690	6820	7020	7030	6780	6740	6870	6890	6860	7370	7260
State of Iowa	1522100	1532700	1525600	1527900	1533300	1505100	1508700	1497100	1440400	1402300	1386300	1300000	1350000

Table 3. Estimates of the Number Unemployed in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	110	110	100	130	150	150	140	140	140	120	100	200	190
Adams	90	60	70	140	220	70	80	80	90	110	90	160	110
Allamakee	290	280	360	350	390	390	370	350	440	390	400	770	580
Appanoose	280	270	300	320	380	370	370	360	420	430	420	660	640
Audubon	100	80	100	120	130	120	100	90	110	110	120	320	140
Benton	290	310	350	410	500	500	480	460	550	570	580	900	570
Black Hawk	2100	2600	2500	2600	3100	3000	3400	3800	4200	3900	3500	8620	4870
Boone	300	290	320	390	380	410	470	480	570	630	530	780	570
Bremer	300	300	300	300	400	400	400	500	600	600	400	960	640
Buchanan	330	400	440	440	530	480	520	580	640	580	520	1120	710
Buena Vista	230	230	220	240	280	260	310	300	290	260	260	540	340
Butler	270	340	320	330	430	410	450	440	530	470	330	750	510
Calhoun	140	140	130	160	200	180	180	190	180	160	120	440	210
Carroll	290	280	300	400	410	440	390	380	360	410	440	880	630
Cass	310	240	290	380	420	350	370	390	400	410	410	680	370
Cedar	220	230	240	290	370	270	290	310	350	280	250	600	280
Cerro Gordo	780	670	770	860	1090	920	1190	1340	1550	1430	1310	2060	1490
Cherokee	150	150	180	210	240	220	230	200	220	200	180	400	290
Chickasaw	560	250	290	360	440	390	440	450	500	480	420	910	780
Clarke	160	160	160	170	220	240	270	340	300	290	210	360	290
Clay	250	220	280	280	270	280	290	270	290	300	200	690	480
Clayton	400	440	500	510	660	560	570	540	590	550	500	1070	820
Clinton	920	930	840	1020	1330	1320	1250	1350	1610	1590	1470	2510	1590
Crawford	200	200	240	290	310	300	320	390	370	380	480	620	350
Dallas	300	300	400	400	500	400	500	500	600	600	600	880	790
Davis	120	150	140	160	170	180	190	190	220	250	140	360	200
Decatur	160	160	190	170	220	270	230	300	290	250	240	300	200
Delaware	340	370	420	480	620	470	510	510	510	480	400	950	680
Des Moines	770	720	730	930	1170	1040	1110	1280	1440	1320	1150	2290	1580
Dickinson	240	230	310	360	330	330	400	320	310	300	260	800	400
Dubuque	1600	1300	1600	1900	2900	1800	1900	2100	2600	2900	2700	4040	3910
Emmet	170	180	200	250	250	270	290	250	320	330	310	800	340
Fayette	460	390	450	370	470	480	440	510	590	550	430	1130	780
Floyd	330	270	330	390	450	440	730	610	600	580	450	1300	1020
Franklin	150	190	180	200	200	180	200	210	260	240	230	420	260
Fremont	90	80	100	100	150	120	140	200	220	180	130	390	130
Greene	170	150	150	130	170	220	220	210	220	240	240	500	350
Grundy	120	160	140	170	240	230	190	190	230	200	150	410	280
Guthrie	150	130	150	190	210	200	230	240	250	250	210	380	270
Hamilton	200	180	230	270	280	350	270	300	430	350	390	580	410
Hancock	150	140	150	170	190	200	200	230	340	340	360	600	530
Hardin	270	270	340	390	380	380	310	380	500	530	440	600	370
Harrison	210	180	230	270	300	340	360	360	430	380	280	630	320
Henry	300	300	290	310	380	360	370	380	490	440	350	740	590
Howard	180	150	170	180	230	200	190	190	210	190	180	470	350
Humboldt	130	110	110	130	140	130	170	180	180	200	160	420	290
Ida	80	90	100	120	110	110	100	100	110	140	100	210	140
Iowa	160	150	200	240	270	230	200	220	230	210	200	520	270
Jackson	440	400	450	560	690	600	560	550	690	680	650	1180	910
Jasper	410	370	450	530	650	620	610	680	720	790	630	1080	1260

Table 3. Estimates of the Number Unemployed in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	250	310	290	340	310	360	460	410	490	400	350	580	470
Johnson	1400	1400	1500	1600	1900	1800	1700	1700	2000	1700	1800	1710	1530
Jones	240	260	270	360	420	410	400	460	570	470	440	750	550
Keokuk	200	230	230	250	260	240	230	260	320	270	240	500	450
Kossuth	230	250	240	240	300	340	350	330	440	490	390	840	690
Lee	870	740	820	1070	1220	990	1100	1430	1590	1470	1210	1950	1540
Linn	2100	2100	2100	2800	3200	3000	3300	3600	4200	4700	5300	6150	5820
Louisa	180	180	180	270	300	260	270	330	370	310	260	520	210
Lucas	110	130	150	170	210	230	230	280	300	240	250	380	280
Lyon	120	100	130	130	170	160	150	160	150	130	120	260	270
Madison	260	240	220	290	310	320	320	310	350	360	270	410	340
Mahaska	230	260	270	320	390	390	350	430	440	480	410	850	560
Marion	400	390	460	550	620	590	560	600	590	620	580	560	630
Marshall	510	450	570	640	760	680	620	840	830	730	660	1550	1070
Mills	110	120	140	190	210	200	220	220	280	230	220	430	210
Mitchell	140	160	150	140	200	190	230	210	210	220	200	550	480
Monona	150	150	180	170	200	170	180	200	220	190	160	440	290
Monroe	120	120	130	180	190	190	170	210	220	230	200	490	330
Montgomery	190	190	200	310	390	230	240	250	300	250	270	540	330
Muscatine	600	590	590	880	1070	720	810	890	1210	1170	1010	1580	980
O'Brien	160	170	190	190	200	210	210	200	230	180	150	380	270
Osceola	80	90	100	110	120	130	120	110	130	120	100	270	170
Page	240	220	250	290	380	330	340	350	490	480	390	710	360
Palo Alto	100	130	140	150	180	170	180	180	170	190	180	460	290
Plymouth	360	320	350	420	510	500	370	360	470	400	360	830	480
Pocahontas	110	140	100	110	140	160	120	120	160	130	90	290	190
Polk	4300	4000	4600	5600	6200	5500	6000	7300	7400	6900	6100	11250	9320
Pottawattamie	1100	900	1200	1700	1600	1500	1700	1900	2300	2000	1700	3380	2540
Poweshiek	310	280	330	390	530	420	430	500	470	440	450	620	530
Ringgold	70	70	80	80	110	110	100	100	110	110	100	180	120
Sac	150	150	190	210	240	230	230	200	190	220	230	530	310
Scott	2400	2600	2300	2700	3300	3000	3400	4000	4800	4000	3300	6240	3950
Shelby	160	160	170	230	270	260	320	310	380	350	270	630	260
Sioux	410	430	470	480	560	510	520	440	470	430	410	740	670
Story	940	960	1140	1210	1300	1260	1350	1380	1640	1640	1510	1310	1310
Tama	320	260	260	310	440	380	380	410	460	420	360	680	280
Taylor	120	110	110	190	240	170	200	130	150	140	110	290	130
Union	220	240	230	250	330	290	330	300	280	360	300	450	370
Van Buren	130	120	120	150	170	170	170	170	200	200	120	380	290
Wapello	600	670	680	1150	960	900	930	1060	1240	1300	990	1960	1360
Warren	400	400	500	500	500	500	500	700	700	600	500	970	850
Washington	220	270	280	340	420	350	340	370	400	360	280	790	520
Wayne	80	90	120	140	170	130	130	180	180	120	90	250	160
Webster	570	550	600	700	770	850	880	990	1170	1000	990	1860	1330
Winnebago	120	110	130	140	180	180	180	220	240	360	490	520	560
Winneshiek	380	400	450	470	580	570	620	650	700	610	630	910	700
Woodbury	1400	1300	1600	1900	2100	1700	1800	1700	2300	2500	2200	4160	2950
Worth	130	110	130	130	160	140	180	190	200	230	260	400	320
Wright	160	160	170	190	240	280	250	280	340	290	250	630	380
State of Iowa	40900	40100	43400	51500	59800	54400	57600	62800	71300	68100	61700	112000	82000

Table 4. Estimated Unemployment Rates in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	2.4	2.5	2.4	2.9	3.4	3.4	3.3	3.3	3.4	3.0	2.5	4.5	4.2
Adams	4.3	2.6	3.3	5.9	9.2	3.1	3.3	3.4	3.9	4.6	3.7	5.6	4.1
Allamakee	4.0	3.8	4.9	4.6	5.0	5.1	4.8	4.7	6.0	5.4	5.6	10.4	8.2
Appanoose	4.3	4.0	4.5	4.7	5.6	5.5	5.5	5.2	6.2	6.5	6.6	11.3	10.5
Audubon	3.0	2.3	2.9	3.5	3.6	3.2	2.8	2.4	2.9	2.9	3.3	8.6	3.4
Benton	2.5	2.7	3.0	3.5	4.1	4.2	4.1	4.0	4.9	5.1	5.1	8.5	5.1
Black Hawk	3.1	3.9	3.6	3.8	4.5	4.5	4.9	5.5	6.4	6.1	5.6	14.4	7.0
Boone	2.1	2.1	2.3	2.7	2.7	3.0	3.4	3.6	4.3	4.9	4.2	6.5	4.6
Bremer	2.4	2.4	2.4	2.5	2.9	3.0	3.2	4.0	4.6	5.0	3.5	9.4	5.9
Buchanan	3.1	3.7	4.0	4.0	4.8	4.5	4.8	5.6	6.4	5.9	5.4	11.3	6.3
Buena Vista	2.2	2.1	2.0	2.2	2.5	2.4	2.7	2.7	2.7	2.5	2.6	4.9	3.2
Butler	3.8	4.5	4.2	4.2	5.3	5.1	5.5	5.5	6.7	6.2	4.5	9.7	6.2
Calhoun	3.0	2.9	2.7	3.1	3.8	3.4	3.5	3.5	3.5	3.2	2.4	7.8	3.4
Carroll	2.4	2.2	2.4	3.2	3.4	3.7	3.2	3.1	3.1	3.7	4.1	7.9	5.4
Cass	4.3	3.2	3.9	4.9	5.4	4.6	4.7	5.0	5.2	5.5	5.4	8.0	4.2
Cedar	2.4	2.4	2.6	3.0	3.8	2.8	3.0	3.2	3.8	3.0	2.8	6.8	3.3
Cerro Gordo	3.1	2.6	2.9	3.2	4.0	3.5	4.6	5.2	6.1	5.5	5.2	8.1	6.2
Cherokee	2.2	2.2	2.7	3.0	3.4	3.2	3.2	2.8	3.2	2.9	2.7	5.4	3.8
Chickasaw	8.0	3.3	3.9	4.8	5.7	5.1	5.7	6.0	6.8	6.8	5.9	12.2	10.6
Clarke	3.1	3.5	3.7	4.1	5.5	6.1	6.9	8.3	7.0	6.7	5.0	9.0	6.0
Clay	2.5	2.2	2.8	2.8	2.6	2.9	3.0	2.8	3.2	3.4	2.2	7.8	4.7
Clayton	4.0	4.3	4.9	4.7	6.1	5.3	5.9	5.6	6.2	6.0	5.4	10.8	8.0
Clinton	3.5	3.5	3.1	3.7	4.8	4.9	4.6	4.9	6.0	6.1	5.8	10.8	5.7
Crawford	2.3	2.3	2.7	3.3	3.4	3.4	3.6	4.3	4.2	4.5	5.6	6.8	3.6
Dallas	1.4	1.5	2.0	2.2	2.3	2.4	2.8	3.0	3.7	3.7	3.7	5.9	5.9
Davis	2.9	3.6	3.4	3.9	4.0	4.1	4.3	4.4	5.4	6.2	3.6	9.8	5.6
Decatur	4.5	4.4	5.1	4.5	5.8	6.7	5.8	7.5	7.5	6.5	6.3	7.1	4.8
Delaware	3.6	3.9	4.5	5.0	6.5	5.1	5.5	5.6	5.6	5.4	4.6	11.2	7.6
Des Moines	3.3	3.1	3.1	4.0	4.9	4.5	4.7	5.4	6.3	5.9	5.2	10.7	8.0
Dickinson	2.5	2.4	3.2	3.6	3.2	3.4	4.2	3.4	3.5	3.6	3.2	9.4	5.4
Dubuque	3.3	2.7	3.3	3.9	5.8	3.7	3.7	4.1	5.5	6.1	5.9	9.5	8.6
Emmet	3.1	3.3	3.5	4.4	4.4	4.8	5.1	4.4	5.6	5.8	5.6	14.8	5.4
Fayette	4.3	3.5	4.1	3.3	4.0	4.2	3.8	4.8	5.5	5.3	4.2	10.2	6.7
Floyd	4.4	3.5	4.4	4.9	5.3	5.4	8.7	7.0	6.9	6.7	5.3	15.3	12.8
Franklin	2.7	3.2	3.0	3.3	3.2	2.9	3.3	3.6	4.4	4.2	4.0	7.3	4.0
Fremont	2.4	2.1	2.8	2.8	3.9	3.1	3.5	5.0	5.7	4.9	3.5	8.5	2.3
Greene	3.5	3.0	3.0	2.6	3.3	4.2	4.2	4.0	4.3	4.8	4.9	9.4	6.2
Grundy	2.0	2.6	2.3	2.7	3.9	3.9	3.0	3.1	3.8	3.4	2.6	6.1	4.5
Guthrie	2.6	2.2	2.5	3.1	3.5	3.4	3.9	4.0	4.3	4.4	3.9	7.1	4.7
Hamilton	2.4	2.1	2.8	3.2	3.2	4.1	3.1	3.6	5.0	4.1	4.7	6.3	4.7
Hancock	1.6	1.4	1.6	1.9	3.1	3.2	3.2	3.9	5.7	5.7	5.8	9.7	7.4
Hardin	3.0	2.9	3.6	4.1	4.0	3.9	3.2	4.0	5.3	5.6	4.7	6.0	3.4
Harrison	2.7	2.3	3.0	3.5	3.9	4.5	4.7	4.8	5.7	5.3	3.9	9.1	4.5
Henry	2.8	2.7	2.7	2.7	3.4	3.3	3.4	3.5	4.6	4.3	3.5	7.4	6.0
Howard	3.3	2.7	3.1	3.3	4.2	3.7	3.6	3.8	4.4	4.1	3.9	9.3	6.2
Humboldt	2.4	2.0	2.0	2.3	2.4	2.5	3.2	3.3	3.4	4.0	3.2	7.6	5.3
Ida	2.1	2.2	2.5	2.9	2.7	2.7	2.5	2.5	2.8	3.7	2.6	5.0	3.3
Iowa	1.7	1.6	2.2	2.6	2.8	2.5	2.1	2.3	2.5	2.5	2.5	6.5	2.9
Jackson	4.3	3.8	4.4	5.3	6.4	5.7	5.1	5.0	6.5	6.6	6.5	11.7	8.8
Jasper	2.1	1.9	2.4	2.8	3.4	3.3	3.3	3.7	4.0	4.4	3.5	6.2	7.7

Table 4. Estimated Unemployment Rates in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	2.7	3.2	2.9	3.2	3.2	3.8	4.7	4.3	5.4	4.7	4.1	7.2	6.0
Johnson	2.0	2.1	2.3	2.5	2.9	2.7	2.6	2.7	3.3	2.9	3.1	3.1	3.5
Jones	2.5	2.7	2.8	3.7	4.2	4.3	4.2	4.8	5.9	5.0	4.7	8.6	5.5
Keokuk	4.1	4.5	4.5	4.6	4.9	4.8	4.5	5.0	6.1	5.1	4.5	8.4	8.6
Kossuth	2.8	2.9	2.7	2.6	3.3	3.9	3.9	3.7	4.9	5.5	4.4	8.6	6.0
Lee	4.7	3.9	4.2	5.4	6.1	5.1	5.6	7.3	8.1	7.5	6.4	10.5	7.2
Linn	1.8	1.9	1.9	2.6	2.9	2.8	3.1	3.4	4.2	4.9	5.5	7.2	6.5
Louisa	3.4	3.3	3.4	4.7	4.6	4.1	4.1	5.0	5.8	5.1	4.4	10.2	3.9
Lucas	2.8	3.2	3.7	4.3	5.3	5.5	5.3	6.3	6.8	5.6	5.9	7.6	6.2
Lyon	2.3	1.8	2.3	2.3	2.8	2.7	2.5	2.8	2.6	2.3	2.1	4.7	4.2
Madison	3.6	3.2	2.9	3.9	4.0	4.2	4.3	4.5	5.4	5.7	4.2	7.4	5.8
Mahaska	2.1	2.2	2.4	2.8	3.5	3.5	3.1	3.9	4.1	4.5	3.9	8.4	5.6
Marion	2.1	2.2	2.6	3.1	3.4	3.3	3.3	3.5	3.6	3.9	3.7	3.9	3.9
Marshall	2.6	2.2	2.8	3.1	3.6	3.3	2.9	4.0	4.1	3.6	3.3	7.9	5.5
Mills	1.8	1.9	2.4	3.1	3.3	3.2	3.3	3.4	4.2	3.5	3.4	7.4	3.3
Mitchell	2.6	2.9	2.8	2.4	3.6	3.3	4.0	3.8	4.0	4.3	3.9	9.5	8.0
Monona	3.1	3.0	3.6	3.2	3.8	3.4	3.5	3.9	4.5	4.3	3.6	9.0	5.4
Monroe	2.9	2.9	3.1	4.2	4.4	4.6	4.1	5.0	5.5	5.9	5.4	12.7	6.8
Montgomery	3.3	3.2	3.3	5.0	6.1	3.8	3.9	4.1	5.0	4.2	4.4	8.9	5.0
Muscatine	2.8	2.8	2.7	4.2	4.9	3.4	3.8	4.1	5.6	5.6	4.8	7.6	4.8
O'Brien	2.1	2.2	2.5	2.4	2.5	2.7	2.6	2.6	3.0	2.4	2.1	4.9	3.4
Osceola	2.2	2.3	2.8	2.9	3.1	3.4	3.2	3.0	3.5	3.4	2.8	7.7	4.9
Page	2.7	2.5	2.8	3.1	4.0	3.6	3.7	3.9	5.7	5.9	4.8	8.3	4.0
Palo Alto	2.0	2.4	2.7	2.6	3.2	3.2	3.4	3.4	3.2	3.9	3.7	8.6	5.3
Plymouth	2.7	2.5	2.8	3.3	3.9	4.0	2.9	2.8	3.7	3.2	3.0	7.1	4.2
Pocahontas	3.0	3.4	2.4	2.4	3.2	3.8	2.8	2.8	3.6	3.0	2.1	6.0	4.0
Polk	2.0	1.9	2.2	2.7	2.9	2.6	2.9	3.5	3.7	3.6	3.2	6.6	5.6
Pottawattamie	2.3	1.9	2.5	3.5	3.3	3.2	3.6	4.1	5.0	4.6	3.9	7.5	6.2
Poweshiek	3.1	2.7	3.2	3.8	5.1	4.0	4.2	4.8	4.6	4.5	4.5	6.4	5.2
Ringgold	2.8	2.7	3.2	3.0	3.9	4.0	3.8	3.7	4.0	4.2	3.9	7.0	3.7
Sac	2.6	2.6	3.2	3.3	3.9	3.8	3.7	3.3	3.1	3.7	3.9	9.3	4.9
Scott	2.8	3.1	2.7	3.2	3.8	3.6	4.1	4.7	5.7	5.0	4.2	8.2	5.3
Shelby	2.4	2.3	2.5	3.2	3.8	3.8	4.6	4.5	5.6	5.3	4.1	8.9	4.0
Sioux	2.4	2.5	2.7	2.7	3.2	3.0	3.0	2.6	2.9	2.8	2.7	4.9	4.1
Story	2.1	2.1	2.5	2.7	2.9	2.8	3.0	3.1	3.8	3.9	3.6	3.4	3.4
Tama	3.8	2.9	2.9	3.3	4.6	3.9	4.0	4.5	5.6	5.1	4.4	7.8	2.9
Taylor	3.7	3.3	3.4	5.7	6.9	5.1	6.0	4.1	4.7	4.3	3.6	8.2	3.7
Union	3.5	3.7	3.6	3.8	5.0	4.6	5.2	4.6	4.5	6.0	5.0	7.3	5.2
Van Buren	3.2	2.9	2.9	3.4	4.0	4.1	4.2	4.3	5.3	5.4	3.3	10.2	7.6
Wapello	3.5	3.9	3.9	6.4	5.2	4.9	5.0	5.7	6.9	7.5	5.9	11.9	7.9
Warren	1.7	1.7	2.2	2.1	2.3	2.3	2.3	3.1	3.3	2.9	2.5	5.2	4.5
Washington	2.0	2.4	2.5	3.0	3.7	3.2	3.0	3.3	3.7	3.4	2.7	8.2	5.3
Wayne	2.8	3.0	4.0	4.4	5.1	4.0	3.7	5.3	5.5	3.8	2.8	7.6	4.3
Webster	2.9	2.7	3.0	3.5	3.8	4.2	4.3	4.9	5.9	5.1	5.1	8.9	5.8
Winnebago	2.6	2.3	2.8	2.8	2.5	2.6	2.6	3.2	3.8	6.0	7.6	7.2	9.6
Winneshiek	3.1	3.1	3.8	3.9	4.7	4.7	5.1	5.5	5.9	5.3	5.6	7.6	6.2
Woodbury	2.6	2.4	2.9	3.4	3.7	3.1	3.2	3.1	4.3	4.9	4.4	8.6	6.4
Worth	3.3	2.7	3.2	3.1	3.9	3.4	4.5	4.5	5.1	5.7	6.5	9.0	8.1
Wright	2.4	2.4	2.5	2.7	3.3	3.8	3.6	4.0	4.7	4.0	3.5	7.9	5.0
State of Iowa	2.6	2.5	2.8	3.3	3.8	3.5	3.7	4.0	4.7	4.6	4.3	7.9	5.7

Unemployment

Unemployment figures for Iowa during this period reflect the economic difficulties encountered by the state in the first half of the 1980s (Table 3). For four of the five years from 1982 through 1986, unemployment was more than 100,000. Relatively rapid decreases, especially from 1986 through 1988, brought the figure below 62,000 in 1990. That was a decline of 49.0 percent from the period high in 1982. But the number unemployed increased by 6,400 between 1990 and 1991 and by 3,200 between 1991 and 1992. In contrast, a decrease of 8,500 occurred between 1992 and 1993 on the number unemployed. Except for a gain from 1995 to 1996, declining numbers continued through 1999, when the 40,100 figure was lower than any year reported here. The 2000 total of 40,900 represented a slight gain from 1999.

Just as Polk led in labor force and employment numbers, it also had the highest number unemployed (4,300) in 2000. Seven other counties had at least 1,000 unemployed. Forty counties had fewer than 200 unemployed in 2000, with six of these below 100.

Unemployment was much lower in 2000 than in 1990; for the state, 20,800 fewer residents were reported as unemployed at the beginning than at the end of this period. Eighty-five counties followed this trend, with declines in the number unemployed exceeding 1,000 in Black Hawk, Dubuque, Linn, and Polk.

Unemployment Rates

When the number unemployed is divided by the number in the labor force and the result is multiplied by 100, an unemployment rate is obtained. These rates (number unemployed of every 100 in the labor force) were much higher in the 1980s and early 1990s than in more recent years (Table 4). For example, the rate of 7.9 percent in 1985 was substantially greater than the 2.6 percent reported for 2000. Indeed, the 2000 rate was the second lowest of the years reported in the table. The state's unemployment rate declined most years since 1992.

For counties in 2000, unemployment rates varied from less than 2.0 percent in six counties to at least 4.0 percent in 12 others. Unemployment rates in 2000 were much lower than those in 1990. In 1990, 52 counties had unemployment rates of 4.0 percent or greater. Eighty-nine counties had lower unemployment rates in 2000 than they did in 1990.

Note: Caution must be exercised in interpreting these numbers. They are based on estimates generated annually by Iowa Workforce Development under guidelines set by the Bureau of Labor Statistics in the U.S. Department of Labor; all states use virtually identical methods to compute labor force statistics.

Employers, Employees, and Average Weekly Wages in Business/ Government Categories in Iowa's Counties: 1994, 1998, and 1999

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Iowa Workforce Development provides annual information on Iowans covered by unemployment insurance. The number of business and government employing units, employees, and average weekly wage are reported. Of Iowa's nearly 102,300 employers with covered workers in 1999, 94.4% were private businesses that were distributed among seven industrial sectors (agriculture and mining; construction; finance, insurance, and real estate; manufacturing; transportation, communication, and utilities; services; wholesale and retail trade) and the remainder were government agencies (federal, state, local). These figures exclude proprietors, the self-employed, unpaid family members, and most agriculture employees, elected officials, and railroad workers. Additional detail on the employer categories is included at the end of this section.

Private Business

Private businesses in Iowa's counties totaled 96,500 in 1999 (Table 1), an increase of 4,400 from 1998 (Table 2) and 7,900 from 1994 (Table 3). Such businesses increased in 94 counties from 1994 to 1999, with Polk's gain of 1,400 employers substantially exceeding all others. Fifteen others also increased by at least 100 private-sector businesses that had covered workers. Of those with fewer employers in 1999 than in 1994, none declined by at least 25 businesses.

Among the seven industrial sectors that comprise private business, wholesale and retail trade had the most employers with services a close second in 1999. Trade, however, was the only sector with fewer businesses statewide in 1999 than in 1994. From 1994 to 1998, trade establishments declined by 1,200; they rebounded by 725 from 1998 to 1999, when 31,800 were reported. Service employers increased by 3,800 from 1994 to 1999, with the total reaching nearly 31,400 in 1999. In 1994, 96 of the 99 counties had more employers in trade than any other individual sector; that year, services were highest in Jefferson, Johnson, and Polk. By 1999, 18 counties had more businesses in services than any other sector. Indeed, services increased in 89 counties from 1994 to 1999, while 67 counties experienced a decline in the number of employers in the area of trade.

Iowa's agricultural and mining enterprises increased by 841 to 3,169 between 1994 and 1999. Ninety-one counties had more of these entities by the later year. Statewide, there were fewer private businesses in this sector than in any of the other six for each year reported. That also was the case for at least 68 counties each year. Manufacturing showed the smallest statewide gain (+275 to a total of 4,987) among those sectors recording an increase between 1994 and 1999. Twenty-six counties had fewer manufacturers in 1999 than in 1994. There were 10,500 construction firms in Iowa in 1999, a gain of 1,764 since 1994. The statewide numerical increase was second only to services among the industrial sectors. All but six counties had more of these businesses in the later year as well. One-fourth (24.9%) of the construction companies were located in three counties (Linn, Polk, Scott) in 1999.

Transportation, communication, and utility firms numbered 5,668 by 1999, up from 4,837 in 1994. Although the state figure increased between 1994 and 1999, 10 counties had fewer of these firms at the end of the period. Businesses involved in finance, insurance, and real estate gained 919 from 1994 to 1999, when 9,028 were noted. Nearly a fifth (19.4%) of the state's total in this sector in 1999 were in Polk alone. Fewer of these firms were counted in 19 counties in 1999 than in 1994, but the declines were less than 10 in all counties.

Table 1. Employers (ers) and Employees (ees) in Selected Private Business/Government Categories in Iowa's Counties, 1999.

County	Private Business																		Government							
	Grand Total		Private Total		Ag and Mining		Construc-tion		Manufac-turing		Transpor-tation		Trade		Finance		Services		Government Total		Local		State		Federal	
	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees
Adair	342	2859	309	2287	20	127	24	157	14	583	19	121	112	726	21	95	99	475	33	572	20	503	5	33	8	36
Adams	197	1567	168	1270	9	58	16	60	11	370	7	33	60	283	13	51	52	412	29	297	13	249	5	19	11	29
Allamakee	511	5455	471	4439	24	121	46	158	40	1554	34	182	172	1396	31	155	124	871	40	1016	25	905	6	37	9	74
Appanoose	465	5004	414	4194	11	64	36	89	25	1557	44	318	137	1117	35	161	126	885	51	810	32	666	7	61	12	83
Audubon	269	1935	240	1464	20	132	31	103	9	194	21	57	79	499	19	75	61	401	29	471	16	419	5	14	8	38
Benton	699	5514	640	4030	21	87	98	384	41	845	52	227	217	1383	58	277	153	824	59	1484	43	1251	7	156	9	77
Black Hawk	3859	69439	3734	59524	84	542	357	2734	209	14372	184	2494	1196	17974	380	3105	1324	18300	125	9915	80	6677	29	2666	16	572
Boone	717	8994	665	6831	32	185	80	357	33	1026	46	302	218	2921	52	220	204	1817	52	2163	31	1332	11	712	10	119
Bremer	757	9206	706	7781	30	133	72	516	43	1954	35	140	229	2017	75	1058	222	1959	51	1425	35	1319	7	35	9	71
Buchanan	647	6244	590	4616	30	110	92	464	41	1286	48	218	201	1530	55	286	123	720	57	1628	39	1118	9	406	9	104
Buena Vista	768	9757	706	8218	41	303	59	315	36	2831	48	185	235	2443	78	358	209	1779	62	1539	40	1371	9	70	13	98
Butler	481	3428	436	2658	30	94	43	158	28	510	39	138	165	1005	34	140	97	610	45	769	30	681	6	31	9	57
Calhoun	399	3318	359	2456	17	75	46	83	21	236	34	96	109	727	33	184	99	1054	40	862	25	683	5	128	10	51
Carroll	971	11796	917	10526	35	234	124	583	45	1425	64	518	302	3946	81	954	266	2861	54	1270	35	1061	9	103	10	106
Cass	640	6576	589	5245	25	121	51	402	31	1218	43	181	201	1693	57	239	181	1387	51	1331	31	1123	11	120	9	88
Cedar	631	5222	589	4180	25	199	73	252	43	897	48	163	186	1403	44	204	170	1060	42	1042	27	889	5	36	10	117
Cerro Gordo	1789	26337	1701	23337	38	177	172	1025	78	4790	90	847	598	7115	176	1275	549	8105	88	3000	50	2519	26	301	12	180
Cherokee	471	5752	421	4652	24	161	46	399	20	1172	29	125	152	1516	35	221	115	1057	50	1100	31	734	10	309	9	57
Chickasaw	475	5305	436	4599	19	89	72	412	31	1884	23	145	150	1174	36	158	105	734	39	706	22	603	7	41	10	62
Clarke	312	3874	284	3145	12	55	27	87	23	1424	21	86	84	851	28	107	89	534	28	729	15	571	4	119	9	39
Clay	796	9438	740	8059	39	264	73	372	45	1345	54	765	258	2838	58	336	213	2137	56	1379	30	1203	13	89	13	87
Clayton	683	7041	625	5786	30	202	56	522	51	1474	35	287	229	1381	55	206	169	1711	58	1255	33	1101	12	44	13	110
Clinton	1569	22122	1489	19411	40	99	161	944	81	5528	93	880	489	4660	148	781	477	6516	80	2711	61	2460	9	107	10	144
Crawford	603	7057	554	5886	12	49	57	228	32	2142	61	452	188	1660	54	213	150	1139	49	1171	30	987	8	79	11	105
Dallas	1117	12536	1043	10504	59	582	146	1127	57	2307	56	837	323	2379	84	465	318	2805	74	2032	56	1853	9	69	9	110
Davis	228	2066	198	1449	6	30	19	47	15	394	13	63	71	545	10	59	64	309	30	617	16	546	6	27	8	44
Decatur	250	2396	203	1743	8	44	28	96	9	310	18	52	76	525	10	44	54	670	47	653	30	570	6	36	11	47
Delaware	574	5630	524	4496	21	99	68	230	40	1476	35	123	178	1526	30	167	152	873	50	1134	31	972	10	94	9	68
Des Moines	1576	24312	1503	21709	26	84	149	1327	81	6916	98	1239	503	5912	130	643	516	5585	73	2603	47	2252	13	148	13	203
Dickinson	869	8612	819	7560	35	136	107	403	37	2232	41	184	275	2491	75	329	249	1783	50	1052	35	935	7	61	8	56
Dubuque	3004	50566	2915	46736	64	295	357	1955	181	11985	164	1914	999	12865	262	1903	888	15818	89	3830	58	3312	16	217	15	301
Emmet	390	4460	355	3595	11	96	43	248	25	882	25	175	124	1004	26	148	101	1039	35	865	19	787	8	31	8	47
Fayette	789	7828	730	6502	33	126	64	237	39	1390	51	262	257	2186	62	287	224	2012	59	1326	35	1149	11	75	13	102

Table 1. Employers (ers) and Employees (ees) in Selected Private Business/Government Categories in Iowa's Counties, 1999 (continued).

County	Private Business																		Government							
	Grand Total		Private Total		Ag and Mining		Construc- tion		Manufac- turing		Transpor- tation		Trade		Finance		Services		Government Total		Local		State		Federal	
	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees
Floyd	546	5712	509	4622	21	187	53	298	23	1081	31	182	170	1412	50	248	161	1211	37	1090	22	982	6	48	9	60
Franklin	428	3660	379	2889	27	80	41	212	28	945	14	75	116	813	47	129	106	632	49	771	32	688	7	34	10	49
Fremont	303	2933	263	2420	19	71	31	111	10	929	25	50	75	611	25	110	78	535	40	513	24	429	7	40	9	44
Greene	381	3285	344	2364	21	86	50	183	18	594	25	125	99	736	30	162	101	476	37	921	25	837	5	39	7	45
Grundy	404	3682	363	2961	28	216	37	326	25	621	34	74	111	940	27	177	101	604	41	721	30	660	3	17	8	44
Guthrie	415	3311	368	2499	18	305	46	140	13	61	27	141	117	1041	49	220	98	588	47	812	31	706	8	43	8	63
Hamilton	569	8480	520	7238	46	558	39	255	36	3326	25	130	171	1923	40	202	163	843	49	1242	34	1126	7	54	8	62
Hancock	411	7132	362	6367	20	111	37	101	35	4455	18	107	129	956	31	147	92	488	49	765	33	680	5	29	11	56
Hardin	820	8745	753	6954	69	955	83	396	49	1337	48	216	244	2467	63	286	197	1293	67	1791	43	1464	10	239	14	88
Harrison	496	4091	443	3203	16	85	53	133	17	300	34	131	169	1491	39	146	115	915	53	888	36	751	8	48	9	89
Henry	661	11027	618	9232	28	166	63	382	43	2859	38	341	194	3185	61	216	191	2081	43	1795	21	1216	14	504	8	75
Howard	378	4238	347	3398	16	96	38	149	32	1640	26	145	119	763	33	136	83	466	31	840	20	783	4	15	7	42
Humboldt	393	4148	350	3427	20	161	29	172	30	1212	23	192	130	1128	28	123	90	437	43	721	27	640	7	18	9	63
Ida	335	3623	303	3111	14	43	40	229	13	1103	35	225	102	731	26	147	73	629	32	512	21	455	4	15	7	42
Iowa	664	10232	621	9262	21	222	68	266	35	4408	23	174	283	2924	41	150	150	1115	43	970	30	859	6	38	7	73
Jackson	727	6574	669	5314	18	66	88	265	44	1499	40	161	237	1762	53	263	189	1296	58	1260	36	1106	11	68	11	86
Jasper	1042	14695	971	12051	47	200	103	565	51	4899	57	411	331	3545	89	377	293	2052	71	2644	51	2078	8	445	12	121
Jefferson	932	8362	892	7269	15	74	58	198	54	1831	70	682	234	2053	82	311	379	2117	40	1093	20	925	10	81	10	87
Johnson	3477	63407	3391	43077	79	437	405	2518	109	5553	127	2359	1036	14961	284	2509	1351	14738	86	20330	48	3673	21	15062	17	1595
Jones	646	6140	598	4767	19	118	88	282	38	1334	44	215	199	1635	52	203	158	978	48	1373	29	856	11	456	8	61
Keokuk	354	2493	315	1909	21	82	44	155	19	361	30	137	113	680	23	124	65	367	39	584	26	493	4	20	9	71
Kossuth	691	6300	633	5132	37	258	66	290	32	946	44	178	230	1923	58	422	166	1113	58	1168	40	1041	9	40	9	87
Lee	1301	18962	1215	16604	22	132	132	865	87	6172	74	681	372	3789	108	493	420	4468	86	2358	59	1654	16	590	11	114
Linn	6662	119783	6488	108205	120	698	738	6361	298	22325	330	11636	2033	26583	616	6699	2353	33899	174	11578	118	9792	24	622	32	1164
Louisa	293	3491	251	2753	14	77	21	73	15	1319	22	116	83	601	22	93	74	471	42	738	25	649	8	24	9	65
Lucas	277	3268	236	2543	6	18	25	72	10	281	18	92	90	1585	23	164	64	330	41	725	23	607	10	74	8	44
Lyon	435	3370	402	2752	26	125	42	117	28	742	43	132	134	889	32	114	97	629	33	618	19	548	6	23	8	47
Madison	429	3670	391	2827	24	196	73	324	20	561	18	54	116	845	37	160	103	685	38	843	25	770	4	18	9	55
Mahaska	758	8083	710	6921	33	166	77	607	48	1459	51	494	229	2252	58	307	214	1635	48	1162	29	1025	9	56	10	81
Marion	974	17795	918	15466	22	170	118	581	55	7771	57	405	300	2891	78	308	288	3338	56	2329	33	1437	8	51	15	841
Marshall	1190	19641	1115	16435	37	329	107	671	52	5678	79	1009	376	4275	109	537	355	3933	75	3206	49	2041	15	1026	11	139
Mills	346	3890	307	2259	8	23	45	202	15	204	22	119	86	633	31	146	100	928	39	1631	22	697	8	875	9	59
Mitchell	424	3637	385	2946	39	161	36	140	22	890	26	79	142	795	31	147	89	731	39	691	27	627	4	13	8	51

Table 1. Employers (ers) and Employees (ees) in Selected Private Business/Government Categories in Iowa's Counties, 1999 (continued).

County	Private Business																		Government							
	Grand Total		Private Total		Ag and Mining		Construc- tion		Manufac- turing		Transpor- tation		Trade		Finance		Services		Government Total		Local		State		Federal	
	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees
Monona	392	3495	346	2836	16	51	32	129	15	179	24	84	138	955	23	149	98	1288	46	659	26	568	9	36	11	55
Monroe	284	3141	253	2631	6	70	24	267	19	1125	20	74	83	558	16	65	85	470	31	510	20	450	4	25	7	35
Montgomery	462	5268	416	4318	16	186	46	290	18	1067	26	202	139	1212	39	174	132	1183	46	950	27	830	8	59	11	61
Muscatine	1258	22414	1195	19720	34	289	139	788	98	8353	79	1076	359	3959	94	583	392	4668	63	2694	42	2477	10	87	11	130
O'Brien	642	6314	591	5188	24	121	73	242	19	711	51	342	213	1780	48	316	163	1674	51	1126	34	1027	8	32	9	67
Osceola	279	2583	249	2230	17	234	43	132	22	725	28	138	66	461	18	94	55	443	30	353	19	304	4	15	7	34
Page	621	7400	563	5851	23	120	63	180	27	1730	37	206	193	1854	41	214	179	1544	58	1549	35	1005	11	464	12	80
Palo Alto	431	3874	389	2813	31	151	35	71	24	681	43	150	117	902	33	123	106	732	42	1061	28	988	6	18	8	55
Plymouth	820	9250	772	7908	53	312	100	414	37	2091	59	776	245	2545	71	371	207	1397	48	1342	31	1216	7	44	10	82
Pocahontas	344	2918	302	2280	20	92	27	86	22	819	21	72	98	636	29	124	85	448	42	638	29	572	4	17	9	49
Polk	15374	260848	14971	228936	268	1961	1264	11574	580	21637	657	13461	4837	66431	1751	39647	5614	74223	403	31912	184	17808	165	7981	54	6123
Pottawattamie	2498	35464	2381	30434	56	295	308	1145	92	4081	156	1383	779	10245	190	1343	800	11939	117	5030	70	4274	32	528	15	228
Poweshiek	688	9616	644	8630	22	84	84	501	47	2061	37	589	200	2225	61	826	193	2341	44	986	29	873	7	47	8	66
Ringgold	194	1511	160	1012	21	71	21	86	11	173	10	56	46	341	15	43	36	239	34	499	19	435	7	24	8	40
Sac	497	3456	456	2708	35	121	52	199	27	284	40	193	152	967	39	166	111	775	41	748	25	653	7	37	9	58
Scott	5776	87523	5638	79054	98	670	609	4648	267	14019	260	5175	1885	24056	511	2980	2008	27502	138	8469	98	7009	19	417	21	1043
Shelby	499	5049	454	4075	16	49	47	300	14	245	35	296	160	1544	43	252	139	1387	45	974	29	886	7	30	9	58
Sioux	1204	15586	1145	13732	70	624	165	762	86	4251	82	367	372	4223	96	596	274	2907	59	1854	44	1716	6	33	9	105
Story	2424	40364	2320	26230	66	494	260	2039	97	4258	90	708	776	9701	220	1107	811	7921	104	14134	59	4499	27	8634	18	1001
Tama	537	5877	486	4811	20	101	44	202	24	919	32	138	177	1306	39	174	150	1967	51	1066	34	805	8	172	9	89
Taylor	220	1841	183	1342	8	75	25	47	13	451	15	100	63	342	15	71	44	255	37	499	23	431	5	20	9	48
Union	461	6344	401	5058	17	155	52	109	21	1514	22	200	134	1603	32	166	123	1308	60	1286	38	1110	11	89	11	87
Van Buren	246	2261	197	1592	15	91	17	51	16	765	14	60	65	301	19	85	51	237	49	669	34	596	6	27	9	46
Wapello	1154	15783	1074	13024	22	101	117	680	38	2923	68	729	346	4020	97	374	386	4194	80	2759	47	2412	18	199	15	148
Warren	961	8591	901	6715	30	111	141	737	42	612	43	189	283	2649	81	277	281	2137	60	1876	43	1704	6	56	11	116
Washington	755	7029	707	5719	37	181	109	516	50	1263	39	189	240	2025	50	242	182	1300	48	1310	31	1166	7	66	10	78
Wayne	241	1887	205	1330	7	26	15	21	17	436	16	53	74	479	22	76	54	236	36	557	20	489	7	22	9	46
Webster	1512	19876	1441	16839	39	198	145	809	81	3059	77	1689	495	5494	139	563	465	5024	71	3037	37	2233	18	505	16	299
Winnebago	443	5543	409	4749	14	51	54	230	28	1338	33	697	138	1029	38	200	104	1200	34	794	19	715	8	24	7	55
Winneshiek	678	10094	628	8284	34	264	60	548	27	2263	43	305	234	2045	51	289	179	2566	50	1810	31	1640	9	79	10	91
Woodbury	3530	53164	3394	46972	70	407	373	2638	134	7612	210	3278	1105	14377	315	2079	1187	16579	136	6192	83	4913	27	443	26	836
Worth	234	1805	203	1426	10	20	27	110	16	541	9	34	69	367	19	80	53	270	31	379	21	319	3	19	7	41
Wright	586	6115	535	5097	52	566	62	311	39	1460	41	263	157	1216	52	215	132	1062	51	1018	35	909	6	25	10	84
State of Iowa	102255	1439300	96512	1219120	3169	20232	10500	64975	4987	260851	5668	68349	31781	356357	9028	84944	31379	363191	5743	220180	3573	152128	1085	47473	1085	20579

Table 2. Employers (ers) and Employees (ees) in Selected Private Business/Government Categories in Iowa's Counties, 1998.

County	Private Business																		Government							
	Grand Total		Private Total		Ag and Mining		Construc- tion		Manufac- turing		Transpor- tation		Trade		Finance		Services		Government Total		Local		State		Federal	
	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees
Adair	317	2723	285	2158	16	129	25	146	8	525	15	117	111	719	21	87	89	432	32	565	20	498	5	33	7	34
Adams	183	1483	155	1197	8	40	13	41	11	287	6	38	53	286	13	55	51	447	28	286	13	240	5	16	10	30
Allamakee	494	5291	455	4295	21	108	43	156	37	1478	33	174	169	1354	32	158	120	864	39	996	25	888	6	34	8	74
Appanoose	444	4916	392	4120	12	63	29	71	25	1570	44	314	131	1105	32	164	119	830	52	796	32	654	7	61	13	81
Audubon	259	1917	232	1440	20	136	26	96	7	175	25	66	74	479	20	79	60	406	27	477	15	426	5	14	7	37
Benton	658	5500	604	4031	25	106	86	346	35	854	48	206	210	1444	57	257	143	816	54	1469	41	1228	6	168	7	73
Black Hawk	3768	69409	3646	59612	82	583	344	2666	205	15119	168	2531	1191	17288	370	3219	1286	18203	122	9797	81	6680	25	2565	16	552
Boone	663	8810	612	6676	31	154	65	355	32	950	41	310	209	2972	45	216	189	1716	51	2134	31	1333	10	688	10	113
Bremer	733	9258	682	7880	29	125	64	489	44	2189	32	136	229	1969	69	1009	215	1960	51	1378	36	1280	6	32	9	66
Buchanan	610	6260	557	4648	28	105	81	390	36	1450	45	237	197	1535	58	261	112	667	53	1612	37	1104	8	400	8	108
Buena Vista	751	9642	688	8106	37	276	54	271	35	2741	45	172	240	2570	78	349	199	1724	63	1536	40	1383	9	67	14	86
Butler	468	3472	422	2714	32	107	36	138	30	568	31	120	161	994	38	156	94	629	46	758	30	671	6	30	10	57
Calhoun	380	3299	341	2450	18	72	38	76	20	247	31	85	105	742	34	184	95	1041	39	849	24	677	5	123	10	49
Carroll	953	11772	901	10531	34	205	116	597	47	1489	56	669	311	3844	81	918	256	2807	52	1241	33	1041	9	102	10	98
Cass	616	6436	565	5102	23	101	53	407	30	1210	41	174	193	1650	53	242	172	1314	51	1334	31	1121	11	128	9	85
Cedar	598	5055	556	4031	26	139	69	242	43	804	44	162	182	1499	39	190	153	992	42	1024	27	868	5	37	10	119
Cerro Gordo	1739	26264	1653	23295	40	228	163	1027	77	4695	95	886	588	7264	167	1354	523	7839	86	2969	50	2492	25	300	11	177
Cherokee	468	5598	418	4510	24	134	46	376	22	1188	21	119	153	1500	35	177	117	1012	50	1088	31	726	10	305	9	57
Chickasaw	459	5152	420	4433	18	94	67	281	30	1879	22	142	149	1128	32	160	102	746	39	719	20	621	7	40	12	58
Clarke	292	3651	266	2987	9	49	22	42	27	1426	20	82	76	773	25	103	87	510	26	664	15	544	4	83	7	37
Clay	767	9268	713	7873	37	257	71	420	39	1346	47	722	264	2723	57	322	198	2080	54	1395	30	1221	13	92	11	82
Clayton	664	6975	607	5734	29	210	50	512	49	1512	31	284	227	1373	56	205	165	1635	57	1241	33	1087	11	43	13	111
Clinton	1497	22221	1419	19459	37	233	151	901	79	5456	87	919	465	4775	138	746	462	6426	78	2762	60	2511	9	109	9	142
Crawford	579	7033	533	5903	11	47	53	263	31	2104	52	426	192	1694	49	205	145	1161	46	1130	30	947	7	82	9	101
Dallas	1049	12050	976	10092	59	573	132	948	49	2423	55	789	300	2255	79	471	302	2629	73	1958	57	1786	9	67	7	105
Davis	219	2077	191	1468	6	21	18	52	16	420	15	72	67	531	10	57	59	311	28	609	16	548	5	21	7	40
Decatur	226	2469	182	1813	8	46	23	92	11	368	17	55	67	509	9	51	47	690	44	656	30	576	6	34	8	46
Delaware	540	5684	490	4500	20	92	62	235	36	1586	30	130	177	1466	30	167	135	822	50	1184	31	1027	10	89	9	68
Des Moines	1542	23980	1470	21458	29	132	143	1268	85	7137	98	1233	493	5764	129	674	493	5245	72	2522	46	2175	13	147	13	200
Dickinson	830	8483	781	7430	31	131	99	403	38	2197	40	202	267	2409	69	309	237	1775	49	1053	35	933	7	62	7	58
Dubuque	2909	49635	2824	45932	59	341	327	1745	182	12054	160	1997	986	12337	260	1839	850	15616	85	3703	54	3191	16	215	15	297
Emmet	365	4560	331	3672	11	90	37	267	24	863	20	167	119	1056	26	148	94	1079	34	888	19	807	8	32	7	49
Fayette	745	7676	687	6373	27	100	56	216	38	1287	49	295	243	2184	59	288	215	2001	58	1303	35	1130	11	80	12	93

Table 2. Employers (ers) and Employees (ees) in Selected Private Business/Government Categories in Iowa's Counties, 1998 (continued).

County	Private Business																		Government							
	Grand Total		Private Total		Ag and Mining		Construc-tion		Manufac-turing		Transpor-tation		Trade		Finance		Services		Government Total		Local		State		Federal	
	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees
Floyd	542	5477	504	4417	21	175	53	277	21	974	31	182	170	1398	47	238	161	1170	38	1060	22	960	6	40	10	60
Franklin	413	3687	367	2932	26	72	38	229	27	990	13	71	117	853	48	127	98	587	46	755	31	674	7	33	8	48
Fremont	278	2708	240	2220	17	74	27	96	10	814	18	40	78	601	24	108	66	484	38	488	24	411	7	38	7	39
Greene	371	3248	334	2338	21	59	49	195	17	598	24	128	97	716	29	151	97	488	37	910	26	828	5	39	6	43
Grundy	390	3557	349	2836	26	151	31	337	22	586	31	72	109	892	29	189	101	607	41	721	31	664	3	15	7	42
Guthrie	390	3155	344	2360	17	260	40	157	14	110	26	128	111	905	42	212	94	585	46	795	30	696	8	36	8	63
Hamilton	560	8042	511	6772	43	502	40	284	34	2896	26	141	169	1850	38	210	161	886	49	1270	34	1156	7	54	8	60
Hancock	389	6662	340	5911	24	120	34	96	32	4033	18	99	123	962	30	145	79	453	49	751	34	669	5	30	10	52
Hardin	789	8758	720	6967	59	902	83	575	46	1252	45	191	232	2482	65	293	190	1267	69	1791	44	1471	10	237	15	83
Harrison	477	3942	424	3062	17	81	51	149	19	320	29	117	167	1354	38	142	103	897	53	880	37	751	8	48	8	81
Henry	642	10897	600	9169	27	142	59	349	40	2890	37	314	194	3103	59	228	184	2140	42	1728	20	1214	15	443	7	71
Howard	372	4155	341	3368	13	81	37	137	35	1642	22	107	118	771	34	134	82	493	31	787	20	735	4	14	7	38
Humboldt	387	4173	345	3433	25	174	24	173	30	1084	27	194	120	1249	28	123	91	433	42	740	27	661	7	18	8	61
Ida	317	3551	286	3074	15	46	36	224	12	1057	30	240	96	738	27	147	70	619	31	477	21	424	4	14	6	39
Iowa	612	9970	571	9024	15	179	61	252	34	4225	20	158	265	2997	36	150	140	1060	41	946	29	838	6	38	6	70
Jackson	706	6434	651	5198	18	79	87	267	44	1507	38	177	222	1646	55	256	187	1264	55	1236	35	1078	11	70	9	88
Jasper	972	14110	902	11605	43	201	97	510	47	4607	51	405	314	3417	76	387	274	2074	70	2505	47	2052	8	344	15	109
Jefferson	857	9013	819	7920	13	71	49	187	50	2139	53	1050	232	2103	79	291	343	2076	38	1093	20	921	10	86	8	86
Johnson	3269	60947	3181	40693	74	432	380	2325	104	5134	121	2191	986	14154	267	2134	1249	14319	88	20254	48	3625	21	15046	19	1583
Jones	599	6027	553	4683	18	107	85	270	36	1274	39	198	183	1627	53	201	139	1002	46	1344	28	843	11	441	7	60
Keokuk	341	2578	300	1977	22	111	41	149	17	413	30	111	110	701	19	120	61	369	41	601	29	514	4	23	8	64
Kossuth	679	6473	620	5315	36	276	64	274	33	1156	42	172	238	1856	59	409	148	1168	59	1158	41	1040	9	38	9	80
Lee	1251	19060	1170	16717	21	141	134	860	83	6244	61	724	376	3876	103	476	392	4395	81	2343	57	1646	15	585	9	112
Linn	6373	114667	6200	103347	112	699	680	6178	292	22509	311	8781	1985	25819	603	5958	2217	33401	173	11320	117	9577	23	626	33	1117
Louisa	285	3324	242	2599	13	61	21	58	14	1265	23	126	83	610	21	99	67	377	43	725	25	638	9	27	9	60
Lucas	273	3241	234	2522	6	21	22	51	11	300	17	40	91	1624	22	144	65	340	39	719	22	605	10	74	7	40
Lyon	415	3447	383	2842	27	115	37	152	26	769	40	131	130	920	32	123	91	629	32	605	19	538	6	22	7	45
Madison	416	3635	378	2805	23	209	66	276	19	619	18	44	117	855	38	163	97	637	38	830	26	760	4	19	8	51
Mahaska	710	7828	661	6660	27	153	62	507	43	1348	46	475	222	2272	55	284	206	1618	49	1168	31	1034	9	57	9	77
Marion	918	16711	860	14747	22	163	105	502	50	7304	52	464	285	2843	75	303	271	3165	58	1964	33	1398	8	51	17	515
Marshall	1151	19711	1077	16525	33	279	103	679	47	5705	77	926	372	4244	96	933	349	3755	74	3186	49	2085	15	965	10	136
Mills	321	3608	284	2017	10	29	38	113	14	140	20	116	83	605	31	146	88	863	37	1591	22	681	8	857	7	53
Mitchell	391	3631	353	2950	26	146	33	143	23	946	27	87	128	796	27	140	89	689	38	681	26	619	4	13	8	49

Table 2. Employers (ers) and Employees (ees) in Selected Private Business/Government Categories in Iowa's Counties, 1998 (continued).

County	Private Business																		Government							
	Grand Total		Private Total		Ag and Mining		Construc- tion		Manufac- turing		Transpor- tation		Trade		Finance		Services		Government Total		Local		State		Federal	
	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees
Monona	366	3497	322	2839	16	56	27	120	13	196	19	87	133	952	20	132	94	1293	44	658	25	566	9	37	10	55
Monroe	265	3071	238	2551	6	25	23	261	19	1095	18	65	76	549	14	66	82	488	27	520	17	462	4	24	6	34
Montgomery	460	5304	415	4330	15	199	44	314	20	1052	26	200	145	1258	40	173	125	1130	45	974	26	856	8	58	11	60
Muscatine	1206	22144	1142	19235	36	276	135	935	91	8433	79	1022	354	3660	88	589	359	4317	64	2909	41	2698	10	85	13	126
O'Brien	620	6277	570	5137	24	115	66	254	16	744	48	302	208	1793	46	279	162	1646	50	1140	34	1042	8	33	8	65
Osceola	267	2343	239	1992	13	159	41	137	20	638	24	133	66	456	20	102	55	363	28	351	18	306	4	14	6	31
Page	606	7209	551	5699	19	110	59	202	27	1780	38	195	195	1885	43	211	170	1314	55	1510	36	980	11	456	8	74
Palo Alto	413	3763	371	2724	31	134	33	61	25	677	39	142	106	884	32	123	105	701	42	1039	28	972	6	17	8	50
Plymouth	789	8846	742	7526	48	291	96	442	36	1860	55	687	235	2505	65	396	207	1342	47	1320	31	1197	7	42	9	81
Pocahontas	325	3106	283	2426	14	71	25	78	24	892	18	71	92	726	34	129	76	456	42	680	29	616	4	18	9	46
Polk	14576	254759	14178	223605	237	1741	1159	10707	542	22241	635	13222	4707	67305	1671	38263	5227	70123	398	31154	182	17312	164	7711	52	6131
Pottawattamie	2383	34472	2268	29548	52	284	262	1151	93	3775	146	1418	777	9766	178	1339	760	11812	115	4924	70	4168	31	540	14	216
Poweshiek	669	9414	623	8436	21	84	73	567	47	2064	39	612	199	2120	56	816	188	2169	46	978	29	868	7	45	10	65
Ringgold	179	1485	148	1000	16	83	18	90	10	155	10	53	47	349	16	40	31	227	31	485	18	428	6	22	7	35
Sac	481	3491	440	2737	33	123	49	227	32	267	35	186	152	977	37	158	102	794	41	754	25	662	7	38	9	54
Scott	5496	86845	5356	78378	86	622	557	4803	260	14230	229	4985	1854	24339	493	2882	1877	26515	140	8467	98	7000	18	412	24	1055
Shelby	480	4962	437	4007	15	47	43	294	14	254	36	336	163	1551	39	213	127	1310	43	955	28	866	7	31	8	58
Sioux	1177	15486	1119	13691	67	511	157	794	93	4640	76	378	367	3934	99	641	260	2789	58	1795	43	1658	6	30	9	107
Story	2266	39202	2162	25256	59	465	237	1995	94	4102	78	711	731	9448	197	1083	766	7451	104	13946	58	4385	27	8583	19	978
Tama	505	5722	455	4700	20	85	43	201	23	966	28	142	170	1328	39	168	132	1807	50	1022	34	776	8	157	8	89
Taylor	219	1770	184	1283	9	66	23	55	14	422	15	90	63	325	16	66	44	255	35	487	22	422	5	19	8	46
Union	437	6179	378	4922	13	96	50	140	21	1540	19	178	127	1531	31	164	117	1270	59	1257	38	1080	11	91	10	86
Van Buren	235	2158	187	1521	14	88	16	51	16	711	15	60	60	290	19	81	47	236	48	637	34	569	6	23	8	45
Wapello	1111	15558	1036	12824	23	97	107	602	36	2819	64	687	349	4109	89	386	368	4121	75	2734	46	2400	17	192	12	142
Warren	887	8181	827	6349	27	120	121	649	38	555	45	192	258	2482	79	252	259	2096	60	1832	43	1663	6	52	11	117
Washington	728	6969	680	5669	34	191	98	438	50	1371	41	180	241	1943	48	233	168	1311	48	1300	31	1165	7	60	10	75
Wayne	231	1900	198	1357	7	21	14	22	15	442	14	56	75	482	21	77	52	254	33	543	19	481	6	19	8	43
Webster	1472	19682	1401	16833	37	202	137	836	75	3141	70	1713	498	5312	134	564	450	5062	71	2849	38	2352	17	206	16	291
Winnebago	416	5465	383	4680	13	44	48	216	24	1400	29	652	132	1021	36	201	101	1143	33	785	19	707	8	25	6	53
Winneshiek	653	9716	605	7938	33	252	56	679	24	1945	39	251	238	2042	44	270	171	2497	48	1778	31	1612	8	76	9	90
Woodbury	3410	52235	3274	46568	64	309	338	2554	132	7758	195	3248	1092	14171	299	2047	1154	16478	136	5667	84	4414	27	438	25	815
Worth	219	1916	190	1536	10	16	24	107	14	673	8	33	64	349	20	84	50	270	29	380	20	323	3	18	6	39
Wright	564	6246	515	5236	50	527	56	364	38	1483	35	272	160	1594	52	215	124	777	49	1010	35	909	6	24	8	77
State of Iowa	97752	1403671	92115	1187387	2969	19037	9664	62892	4820	260747	5292	64987	31056	352496	8670	82429	29644	344500	5637	216284	3543	150058	1065	46342	1029	19884

Table 3. Employers (ers) and Employees (ees) in Selected Private Business/Government Categories in Iowa's Counties, 1994 (continued).

County	Private Business																		Government							
	Grand Total		Private Total		Ag and Mining		Construction		Manufacturing		Transportation		Trade		Finance		Services		Government Total		Local		State		Federal	
	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees	ers	ees
Monona	349	3392	306	2727	14	99	26	87	13	170	19	124	132	794	19	131	83	1320	43	665	26	560	8	41	9	64
Monroe	265	2854	236	2350	3	11	25	246	15	836	20	74	81	509	16	65	76	609	29	504	18	440	4	25	7	39
Montgomery	446	5047	403	4167	12	124	45	247	19	1162	26	206	137	1139	37	159	127	1127	43	880	25	762	8	58	10	60
Muscatine	1138	20339	1075	17538	23	157	101	555	92	8032	69	753	369	3487	92	524	329	4027	63	2801	41	2582	10	85	12	134
O'Brien	598	5906	546	4854	18	79	64	214	25	780	38	261	216	1751	39	266	146	1500	52	1052	32	931	10	45	10	76
Osceola	240	2034	210	1685	5	30	27	109	16	531	25	117	68	440	18	100	51	355	30	349	19	294	4	16	7	39
Page	626	6979	574	5706	15	138	61	172	29	1730	33	185	230	1982	39	211	167	1286	55	1273	36	875	10	320	9	78
Palo Alto	370	3373	327	2322	11	25	19	44	30	451	33	149	117	859	29	121	88	671	43	1051	28	970	6	20	9	61
Plymouth	720	8165	673	6881	22	122	77	287	36	1791	46	523	242	2372	60	352	190	1430	47	1284	30	1159	7	38	10	87
Pocahontas	348	2914	303	2247	12	33	30	69	27	664	13	44	110	842	31	135	80	456	45	667	29	591	6	21	10	55
Polk	13999	232648	13573	203381	196	1424	1085	9294	545	22856	561	11375	4863	63342	1453	34817	4870	60269	426	29267	182	15963	170	7410	74	5894
Pottawattamie	2336	29509	2220	24715	51	237	234	996	89	4628	138	1273	818	9073	163	1145	727	7359	116	4794	69	4003	30	521	17	270
Poweshiek	661	8680	619	7764	14	55	69	459	42	1945	38	634	209	1941	51	779	196	1948	42	916	29	799	6	50	7	67
Ringgold	172	1377	139	913	6	20	14	95	10	168	9	64	48	297	13	38	39	228	33	464	18	403	7	23	8	38
Sac	473	3239	431	2486	24	88	39	127	25	210	27	136	173	1011	38	167	105	743	42	753	26	652	6	37	10	64
Scott	5290	75950	5152	68054	87	475	527	3830	246	13295	214	3878	1905	22499	457	3205	1716	20869	138	7896	97	6901	19	449	22	546
Shelby	471	4475	427	3564	10	31	35	244	16	231	34	284	165	1330	44	175	123	1266	44	911	27	807	7	37	10	67
Sioux	1117	13682	1046	12024	52	345	133	554	76	4202	72	315	372	3640	82	447	259	2517	71	1658	50	1518	5	31	16	109
Story	2166	35878	2069	22099	55	450	199	1358	85	2937	85	651	760	8759	184	1012	701	6928	97	13779	54	4134	19	8641	24	1004
Tama	503	5679	450	4688	17	284	41	213	24	826	33	151	171	1303	37	174	127	1733	53	991	33	737	8	154	12	100
Taylor	211	1553	173	1086	5	43	18	24	12	324	16	44	67	319	13	59	42	269	38	467	23	394	5	20	10	53
Union	449	5434	387	4212	9	40	39	167	17	1289	22	167	141	1516	35	162	124	868	62	1222	39	1037	11	91	12	94
Van Buren	231	1879	190	1268	10	60	20	63	15	485	13	42	72	312	17	72	43	232	41	611	27	534	6	26	8	51
Wapello	1102	15145	1023	12582	15	61	95	457	38	3265	62	854	360	3762	97	415	356	3765	79	2563	52	2213	16	201	11	149
Warren	815	7190	753	5450	24	99	108	533	38	507	36	200	244	2124	70	274	233	1710	61	1740	46	1562	4	53	11	125
Washington	680	6288	635	5127	31	124	78	335	42	1286	30	166	247	1831	54	220	153	1162	45	1161	30	1017	7	68	8	76
Wayne	248	2020	214	1446	9	28	10	14	17	530	20	59	79	468	20	81	59	264	34	574	21	504	5	19	8	51
Webster	1408	18070	1339	15270	34	134	128	810	66	2713	72	1406	501	4963	127	568	411	4674	69	2800	36	2255	16	223	17	322
Winnebago	412	8126	379	7355	11	48	39	160	29	4091	32	857	136	956	44	183	88	1057	33	771	19	685	7	26	7	60
Winneshiek	685	8747	632	6975	30	213	57	610	27	1395	32	290	258	2051	43	229	185	2183	53	1772	31	1590	9	83	13	99
Woodbury	3333	50066	3195	44170	63	269	307	2252	148	7276	176	3126	1156	13805	276	2089	1069	15351	138	5896	82	4537	25	514	31	845
Worth	225	1807	195	1430	10	28	25	112	14	525	8	56	71	363	20	75	48	267	30	377	20	313	4	22	6	42
Wright	553	5599	502	4625	34	275	48	239	42	1679	33	306	163	1175	50	226	132	721	51	974	34	871	6	30	11	73
State of Iowa	94305	1280823	88574	1071393	2328	14655	8736	52898	4712	244825	4837	55566	32269	331118	8109	76322	27583	295702	5730	209430	3553	142834	1047	46018	1130	20578

Table 4. Average Weekly Wages (in dollars) in Selected Private Business/Government Categories in Iowa's Counties, 1994, 1998, and 1999.

County	Private Business																		Government																				
	Grand Average			Private Average			Ag and Mining			Construc-tion			Manufac-turing			Transpor-tation			Trade	Finance			Services			Government Average			Local			State			Federal				
	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94			
Adair	419	411	344	426	419	343	642	651	574	450	467	398	592	590	505	490	481	427	311	296	235	514	552	466	304	288	222	388	380	347	365	352	319	536	545	483	581	631	531
Adams	415	376	318	417	370	313	470	468	373	467	303	297	559	493	351	401	375	444	276	255	217	429	404	345	375	361	320	406	401	341	378	376	308	512	493	415	574	556	507
Allamakee	367	355	309	361	348	298	356	363	343	382	350	352	428	410	343	686	671	526	280	267	228	521	503	401	277	271	242	393	387	358	364	355	331	642	667	561	630	640	543
Appanoose	400	397	350	382	382	342	386	381	358	371	366	324	481	486	432	504	498	586	229	230	215	429	393	402	354	346	266	489	474	385	460	440	352	630	631	513	619	628	562
Audubon	354	353	304	335	337	288	413	406	347	336	358	324	389	401	312	457	469	418	320	326	270	436	420	367	272	259	233	411	400	354	395	383	334	475	482	493	566	565	512
Benton	416	402	347	401	386	329	493	380	351	523	468	403	530	516	427	525	700	435	314	297	285	489	484	411	289	265	243	454	444	396	437	424	377	534	534	465	566	576	521
Black Hawk	507	516	465	495	507	462	378	343	320	569	553	480	753	805	770	563	539	545	343	325	281	563	549	455	416	420	361	575	565	482	507	498	417	698	690	613	794	807	692
Boone	442	447	366	413	427	338	331	366	258	496	476	381	564	501	453	522	480	499	386	401	309	485	1090	368	337	335	287	532	508	441	480	444	384	610	608	510	640	658	598
Bremer	457	447	388	460	451	393	550	557	522	532	492	431	586	580	545	444	412	377	309	295	238	655	647	498	363	350	331	439	425	363	423	408	348	593	601	473	657	656	565
Buchanan	437	439	380	421	426	365	309	316	261	423	414	465	557	572	501	524	522	422	332	326	281	540	510	405	310	300	246	481	475	418	402	385	344	651	664	561	666	702	547
Buena Vista	428	406	351	425	403	345	353	363	302	603	455	387	481	477	411	522	505	480	325	312	260	602	566	477	412	378	324	440	424	380	411	397	349	654	670	540	685	666	615
Butler	382	369	306	379	365	297	319	348	305	437	424	376	566	528	434	513	535	407	306	292	239	461	423	379	291	277	212	393	384	334	367	357	312	628	622	511	577	584	486
Calhoun	357	347	310	323	317	285	343	328	320	312	309	266	416	394	351	411	445	427	277	290	249	428	410	391	309	293	260	450	432	389	402	379	342	651	656	553	594	595	582
Carroll	410	401	336	405	396	332	433	417	407	423	413	338	530	525	455	591	639	575	372	347	282	434	422	381	342	325	251	446	439	365	407	398	334	649	645	529	643	661	566
Cass	404	398	336	385	379	315	375	334	320	623	601	522	514	517	448	413	406	373	273	276	233	490	468	380	321	296	247	478	470	417	439	428	380	707	707	594	661	678	573
Cedar	394	379	318	382	366	302	255	344	174	416	402	356	521	507	381	456	470	403	324	307	266	653	506	442	297	291	219	442	432	383	417	406	361	575	581	505	590	577	500
Cerro Gordo	464	442	391	456	433	383	312	253	274	548	514	448	578	554	491	592	585	499	319	303	265	567	541	450	466	441	406	523	512	442	490	476	409	670	672	568	753	742	659
Cherokee	428	415	365	413	399	341	357	372	329	561	526	438	538	508	422	444	438	441	331	320	274	483	482	403	329	326	271	490	481	448	408	392	357	663	665	589	602	625	560
Chickasaw	475	430	369	480	434	365	309	292	294	685	429	343	592	558	484	339	304	262	329	316	278	477	494	390	376	333	286	435	404	391	401	366	363	614	626	528	648	657	526
Clarke	412	383	317	394	367	303	377	388	502	550	378	313	450	443	368	622	566	428	298	241	211	516	484	410	316	290	247	486	455	371	415	402	329	785	724	625	618	624	517
Clay	440	430	374	425	418	362	396	367	278	531	528	427	577	585	476	542	524	459	325	321	293	569	517	443	387	370	334	520	496	434	497	468	410	673	694	587	689	686	562
Clayton	414	395	340	396	376	324	303	286	274	662	622	530	459	424	362	513	429	389	296	285	247	533	543	442	319	314	266	498	481	400	484	463	381	589	611	513	599	614	532
Clinton	470	454	395	469	455	393	353	383	311	598	590	501	732	709	605	532	511	451	300	287	248	471	475	388	343	336	284	470	450	409	454	431	393	583	604	500	670	660	592
Crawford	416	410	358	403	398	349	429	386	336	488	421	412	501	526	481	498	467	461	273	263	222	480	453	419	340	322	269	480	472	401	446	433	359	694	703	612	637	650	584
Dallas	522	486	388	534	494	385	459	412	393	733	686	452	537	518	461	814	705	592	359	356	299	726	623	475	501	452	303	460	448	400	445	431	382	583	599	505	638	654	591
Davis	411	406	338	396	397	322	382	316	308	393	361	301	549	533	431	572	615	487	291	302	256	576	594	435	323	305	224	444	428	377	430	409	359	485	579	483	590	614	512
Decatur	354	339	298	330	321	277	407	372	317	344	376	303	356	341	300	615	637	611	251	229	206	389	349	288	349	341	281	418	390	357	392	360	329	587	606	509	610	599	530
Delaware	429	458	375	418	455	363	414	471	381	455	520	403	556	580	471	518	727	444	335	341	279	489	580	418	295	329	271	473	468	414	445	438	390	688	715	569	577	610	509
Des Moines	513	504	439	511	502	436	369	418	319	610	567	523	714	713	627	609	608	490	311	301	269	535	491	403	428	400	339	521	517	467	493	486	447	634	634	529	743	777	619
Dickinson	423	397	333	417	391	324	351	327	308	415	379	299	582	538	429	535	545	525	298	279	250	556	547	392	346	324	260	461	444	399	446	425	381	548	565	492	628	618	547
Dubuque	512	509	448	510	507	445	372	347	322	627	615	520	715	730	621	638	625	548	338	332	292	589	555	454	458	444	388	536	531	475	510	502	450	654	655	531	745	754	672
Emmet	439	430	358	433	425	349	409	447	385	644	619	530	530	549	466	604	521	418	347	341	246	484	491	372	352	334	294	464	454	392	446	437	377	586	580	482	679	652	553
Fayette	386	376	331	376	364	318	344	305	319	372	342	290	488	471	396	534	496	449	306	303	264	467	435	373	344	337	295	436	434	394	407	401	365	640	651	556	608	647	568

Table 4. Average Weekly Wages (in dollars) in Selected Private Business/Government Categories in Iowa's Counties, 1994, 1998, and 1999 (continued).

County	Private Business																		Government																				
	Grand Average			Private Average			Ag and Mining			Construc-tion			Manufac-turing			Transpor-tation			Trade	Finance			Services			Government Average			Local			State			Federal				
	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94
Floyd	432	407	354	426	398	343	375	380	312	638	585	462	605	576	539	470	451	429	312	282	248	450	428	410	346	332	256	456	444	400	438	425	384	598	606	483	627	628	580
Franklin	447	436	361	455	445	362	386	369	305	527	495	347	546	546	446	549	554	506	355	338	291	487	458	380	417	407	354	414	402	359	394	380	340	570	574	495	584	590	508
Fremont	491	487	425	508	506	438	424	405	350	435	420	363	775	773	719	412	441	338	302	316	296	499	492	436	322	336	288	411	400	364	386	369	336	533	560	465	539	563	538
Greene	414	401	338	410	396	329	291	367	306	397	365	333	521	517	429	504	525	490	304	309	275	487	526	437	416	321	250	421	414	363	401	393	340	687	679	571	569	575	526
Grundy	454	443	361	463	454	363	257	401	253	716	641	554	521	493	411	461	478	462	388	379	290	612	612	476	421	386	355	413	396	355	398	378	339	578	598	499	578	599	540
Guthrie	360	347	301	346	335	278	452	447	371	547	500	400	307	275	248	521	552	464	274	274	247	481	453	318	287	256	208	400	385	362	379	363	342	487	512	430	584	566	516
Hamilton	464	438	379	465	438	377	459	463	414	514	481	349	543	523	476	528	441	414	358	345	298	528	482	492	367	319	236	459	435	391	443	417	376	618	609	512	612	622	543
Hancock	509	477	338	519	485	329	393	380	276	406	398	255	596	558	433	699	727	537	292	282	235	411	392	341	313	294	225	421	417	372	394	389	347	682	688	600	612	620	537
Hardin	434	453	356	429	457	346	537	539	494	450	800	327	500	484	406	516	496	400	397	389	314	506	468	425	303	342	246	451	436	393	421	401	361	583	588	509	587	631	535
Harrison	368	368	315	350	349	295	414	398	287	418	429	351	423	408	385	424	452	455	334	327	263	411	461	361	320	314	277	428	434	378	395	397	346	571	559	481	637	703	569
Henry	482	471	394	474	464	383	229	299	220	521	486	422	616	623	488	512	512	526	428	413	341	478	434	393	356	327	284	522	510	455	453	436	390	672	689	602	628	659	566
Howard	417	405	327	424	408	321	340	316	367	397	395	287	527	502	404	474	475	435	286	295	226	509	476	438	277	264	205	388	388	352	376	375	337	586	587	489	554	582	514
Humboldt	434	422	366	432	423	364	403	403	303	505	479	440	501	484	437	628	605	563	367	385	317	474	473	414	296	277	222	443	415	375	423	391	357	595	599	551	605	614	501
Ida	447	439	379	453	444	381	303	315	271	560	591	430	623	591	536	507	559	444	273	279	255	495	478	410	310	295	241	410	411	369	386	385	351	573	558	453	619	646	510
Iowa	587	534	412	603	547	418	361	337	288	515	504	394	663	640	564	683	679	514	652	517	241	658	631	559	296	275	222	424	406	351	404	387	331	556	528	479	584	569	490
Jackson	352	347	305	328	323	285	440	372	363	415	419	364	403	399	335	391	374	383	268	270	226	449	443	358	271	248	240	449	448	388	428	427	371	564	557	461	633	627	538
Jasper	572	554	458	587	568	469	385	387	342	565	517	454	884	867	725	585	556	519	343	341	252	576	508	427	333	322	272	501	488	407	464	454	384	632	635	561	641	670	564
Jefferson	544	518	402	552	523	400	393	399	335	453	454	354	579	606	508	714	751	527	633	431	331	573	560	523	413	423	334	488	475	412	452	438	379	706	680	554	665	667	607
Johnson	550	523	464	440	420	363	436	393	304	615	573	502	642	629	557	651	620	520	292	284	249	550	539	468	435	408	344	781	730	640	523	506	440	848	784	681	741	729	654
Jones	401	393	360	369	363	338	455	455	441	382	378	322	471	481	461	509	497	531	295	286	251	424	452	364	302	278	285	511	497	432	408	387	335	697	698	608	579	574	510
Keokuk	415	403	302	417	408	291	415	364	264	515	514	453	544	552	331	633	617	520	344	340	258	490	494	442	285	257	199	410	387	338	385	357	306	612	607	505	530	547	505
Kossuth	406	383	330	403	379	322	454	434	248	367	369	338	553	564	489	485	445	381	361	294	252	506	484	421	295	274	236	416	401	366	395	377	347	602	621	495	582	613	523
Lee	486	484	428	478	478	421	264	255	257	564	559	470	675	686	598	603	588	538	290	290	249	490	464	429	337	321	273	541	531	469	483	470	421	677	675	573	686	686	605
Linn	625	601	494	629	605	496	409	427	357	727	693	585	928	871	738	771	757	626	404	392	321	789	800	550	516	502	404	578	563	480	542	526	446	672	672	568	832	819	726
Louisa	426	420	371	419	412	365	442	436	482	386	403	643	504	497	419	405	446	463	308	313	238	463	443	410	322	265	213	453	449	400	432	425	371	559	533	463	623	659	613
Lucas	428	420	412	423	418	418	384	337	361	554	484	390	395	408	337	494	513	527	441	438	449	458	447	445	302	310	281	443	424	389	414	390	360	607	627	511	564	558	511
Lyon	375	368	307	365	358	293	414	392	220	437	490	332	406	421	353	457	492	398	299	267	233	501	474	395	346	326	263	417	416	368	397	396	346	572	616	519	570	553	528
Madison	407	385	318	382	366	299	469	459	397	439	385	324	473	453	338	686	589	581	307	301	255	451	443	357	312	295	250	488	449	381	475	434	364	605	603	481	625	617	543
Mahaska	460	427	340	457	421	329	376	375	400	910	790	391	594	533	441	606	558	482	272	280	254	528	527	420	372	358	298	476	462	402	459	442	382	577	576	493	626	637	569
Marion	561	522	458	556	522	441	458	475	410	517	483	446	728	696	598	616	550	442	330	278	236	538	526	436	360	343	303	589	524	546	430	423	387	588	590	488	861	793	726
Marshall	502	508	440	500	511	443	386	381	215	582	540	499	708	678	633	526	508	506	317	308	277	523	938	419	387	386	327	507	493	422	465	432	379	570	597	502	666	676	596
Mills	447	424	347	386	345	275	672	589	497	658	529	397	477	368	234	451	469	445	291	281	251	552	561	447	332	302	232	530	525	438	424	404	329	615	615	505	543	611	576
Mitchell	399	388	334	389	381	327	478	520	373	395	411	328	530	506	449	532	489	376	263	260	235	509	515	438	299	273	236	436	417	368	417	398	348	673	685	562	600	593	532

Table 5. Average Weekly Wages (in dollars adjusted to 1999) in Selected Private Business/Government Categories in Iowa's Counties, 1994, 1998, and 1999.

County	Private Business																								Government														
	Grand Average			Private Average			Ag and Mining			Construc-tion			Manufac-turing			Transpor-tation			Trade			Finance			Services			Government Average			Local			State			Federal		
	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94			
Adair	419	420	386	426	428	384	642	666	643	450	477	446	592	603	566	490	492	479	311	303	263	514	564	522	304	294	249	388	388	389	365	360	358	536	557	541	581	645	595
Adams	415	384	356	417	378	351	470	478	418	467	310	333	559	504	393	401	383	498	276	261	243	429	413	387	375	369	359	406	410	382	378	384	345	512	504	465	574	568	568
Allamakee	367	363	346	361	356	334	356	371	384	382	358	395	428	419	384	686	686	590	280	273	256	521	514	449	277	277	271	393	396	401	364	363	371	642	682	629	630	654	609
Appanoose	400	406	392	382	391	383	386	389	401	371	374	363	481	497	484	504	509	657	229	235	241	429	402	451	354	354	298	489	485	432	460	450	395	630	645	575	619	642	630
Audubon	354	361	341	335	345	323	413	415	389	336	366	363	389	410	350	457	479	468	320	333	303	436	429	411	272	265	261	411	409	397	395	392	374	475	493	553	566	578	574
Benton	416	411	389	401	395	369	493	388	393	523	478	452	530	528	479	525	716	488	314	304	319	489	495	461	289	271	272	454	454	444	437	433	423	534	546	521	566	589	584
Black Hawk	507	528	521	495	518	518	378	351	359	569	565	538	753	823	863	563	551	611	343	332	315	563	561	510	416	429	405	575	578	540	507	509	467	698	705	687	794	825	776
Boone	442	457	410	413	437	379	331	374	289	496	487	427	564	512	508	522	491	559	386	410	346	485	1114	412	337	342	322	532	519	494	480	454	430	610	622	572	640	673	670
Bremer	457	457	435	460	461	440	550	569	585	532	503	483	586	593	611	444	421	423	309	302	267	655	661	558	363	358	371	439	434	407	423	417	390	593	614	530	657	671	633
Buchanan	437	449	426	421	435	409	309	323	293	423	423	521	557	585	562	524	534	473	332	333	315	540	521	454	310	307	276	481	486	468	402	394	386	651	679	629	666	718	613
Buena Vista	428	415	393	425	412	387	353	371	338	603	465	434	481	488	461	522	516	538	325	319	291	602	579	535	412	386	363	440	433	426	411	406	391	654	685	605	685	681	689
Butler	382	377	343	379	373	333	319	356	342	437	433	421	566	540	486	513	547	456	306	299	268	461	432	425	291	283	238	393	393	374	367	365	350	628	636	573	577	597	545
Calhoun	357	355	347	323	324	319	343	335	359	312	316	298	416	403	393	411	455	479	277	296	279	428	419	438	309	300	291	450	442	436	402	387	383	651	671	620	594	608	652
Carroll	410	410	377	405	405	372	433	426	456	423	422	379	530	537	510	591	653	644	372	355	316	434	431	427	342	332	281	446	449	409	407	407	374	649	659	593	643	676	634
Cass	404	407	377	385	387	353	375	341	359	623	614	585	514	529	502	413	415	418	273	282	261	490	478	426	321	303	277	478	480	467	439	438	426	707	723	666	661	693	642
Cedar	394	387	356	382	374	338	255	352	195	416	411	399	521	518	427	456	480	452	324	314	298	653	517	495	297	297	245	442	442	429	417	415	405	575	594	566	590	590	560
Cerro Gordo	464	452	438	456	443	429	312	259	307	548	525	502	578	566	550	592	598	559	319	310	297	567	553	504	466	451	455	523	523	495	490	487	458	670	687	637	753	759	739
Cherokee	428	424	409	413	408	382	357	380	369	561	538	491	538	519	473	444	448	494	331	327	307	483	493	452	329	333	304	490	492	502	408	401	400	663	680	660	602	639	628
Chickasaw	475	440	414	480	444	409	309	299	330	685	439	384	592	570	542	339	311	294	329	323	312	477	505	437	376	340	321	435	413	438	401	374	407	614	640	592	648	672	590
Clarke	412	392	355	394	375	340	377	397	563	550	386	351	450	453	412	622	579	480	298	246	236	516	495	460	316	296	277	486	465	416	415	411	369	785	740	700	618	638	579
Clay	440	440	419	425	427	406	396	375	312	531	540	479	577	598	533	542	536	514	325	328	328	569	529	497	387	378	374	520	507	486	497	478	460	673	709	658	689	701	630
Clayton	414	404	381	396	384	363	303	292	307	662	636	594	459	433	406	513	439	436	296	291	277	533	555	495	319	321	298	498	492	448	484	473	427	589	625	575	599	628	596
Clinton	470	464	443	469	465	440	353	392	349	598	603	562	732	725	678	532	522	505	300	293	278	471	486	435	343	343	318	470	460	458	454	441	440	583	617	560	670	675	664
Crawford	416	419	401	403	407	391	429	395	377	488	430	462	501	538	539	498	477	517	273	269	249	480	463	470	340	329	301	480	483	449	446	443	402	694	719	686	637	664	655
Dallas	522	497	435	534	505	432	459	421	440	733	701	507	537	530	517	814	721	664	359	364	335	726	637	532	501	462	340	460	458	448	445	441	428	583	612	566	638	669	662
Davis	411	415	379	396	406	361	382	323	345	393	369	337	549	545	483	572	629	546	291	309	287	576	607	488	323	312	251	444	438	423	430	418	402	485	592	541	590	628	574
Decatur	354	347	334	330	328	310	407	380	355	344	384	340	356	349	336	615	651	685	251	234	231	389	357	323	349	349	315	418	399	400	392	368	369	587	620	570	610	612	594
Delaware	429	468	420	418	465	407	414	481	427	455	532	452	556	593	528	518	743	498	335	349	313	489	593	468	295	336	304	473	478	464	445	448	437	688	731	638	577	624	570
Des Moines	513	515	492	511	513	489	369	427	358	610	580	586	714	729	703	609	622	549	311	308	301	535	502	452	428	409	380	521	529	523	493	497	501	634	648	593	743	794	694
Dickinson	423	406	373	417	400	363	351	334	345	415	387	335	582	550	481	535	557	588	298	285	280	556	559	439	346	331	291	461	454	447	446	434	427	548	578	551	628	632	613
Dubuque	512	520	502	510	518	499	372	355	361	627	629	583	715	746	696	638	639	614	338	339	327	589	567	509	458	454	435	536	543	532	510	513	504	654	670	595	745	771	753
Emmet	439	440	401	433	434	391	409	457	432	644	633	594	530	561	522	604	533	468	347	349	276	484	502	417	352	341	330	464	464	439	446	447	423	586	593	540	679	667	620
Fayette	386	384	371	376	372	356	344	312	358	372	350	325	488	481	444	534	507	503	306	310	296	467	445	418	344	345	331	436	444	442	407	410	409	640	666	623	608	661	637

Table 5. Average Weekly Wages (in dollars adjusted to 1999) in Selected Private Business/Government Categories in Iowa's Counties, 1994, 1998, and 1999 (continued).

County	Private Business																											Government											
	Grand Average			Private Average			Ag and Mining			Construc- tion			Manufac- turing			Transpor- tation			Trade			Finance			Services			Government Average			Local			State			Federal		
	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94	'99	'98	'94
Floyd	432	416	397	426	407	384	375	388	350	638	598	518	605	589	604	470	461	481	312	288	278	450	438	460	346	339	287	456	454	448	438	434	430	598	620	541	627	642	650
Franklin	447	446	405	455	455	406	386	377	342	527	506	389	546	558	500	549	566	567	355	346	326	487	468	426	417	416	397	414	411	402	394	388	381	570	587	555	584	603	569
Fremont	491	498	476	508	517	491	424	414	392	435	429	407	775	790	806	412	451	379	302	323	332	499	503	489	322	343	323	411	409	408	386	377	377	533	572	521	539	576	603
Greene	414	410	379	410	405	369	291	375	343	397	373	373	521	529	481	504	537	549	304	316	308	487	538	490	416	328	280	421	423	407	401	402	381	687	694	640	569	588	590
Grundy	454	453	405	463	464	407	257	410	284	716	655	621	521	504	461	461	489	518	388	387	325	612	626	533	421	395	398	413	405	398	398	386	380	578	611	559	578	612	605
Guthrie	360	355	337	346	342	312	452	457	416	547	511	448	307	281	278	521	564	520	274	280	277	481	463	356	287	262	233	400	394	406	379	371	383	487	523	482	584	579	578
Hamilton	464	448	425	465	448	423	459	473	464	514	492	391	543	535	533	528	451	464	358	353	334	528	493	551	367	326	265	459	445	438	443	426	421	618	623	574	612	636	609
Hancock	509	488	379	519	496	369	393	388	309	406	407	286	596	570	485	699	743	602	292	288	263	411	401	382	313	301	252	421	426	417	394	398	389	682	703	672	612	634	602
Hardin	434	463	399	429	467	388	537	551	554	450	818	366	500	495	455	516	507	448	397	398	352	506	478	476	303	350	276	451	446	440	421	410	405	583	601	570	587	645	600
Harrison	368	376	353	350	357	331	414	407	322	418	439	393	423	417	432	424	462	510	334	334	295	411	471	405	320	321	310	428	444	424	395	406	388	571	571	539	637	719	638
Henry	482	481	442	474	474	429	229	306	247	521	497	473	616	637	547	512	523	590	428	422	382	478	444	440	356	334	318	522	521	510	453	446	437	672	704	675	628	674	634
Howard	417	414	366	424	417	360	340	323	411	397	404	322	527	513	453	474	486	488	286	302	253	509	487	491	277	270	230	388	397	395	376	383	378	586	600	548	554	595	576
Humboldt	434	431	410	432	432	408	403	412	340	505	490	493	501	495	490	628	618	631	367	394	355	474	484	464	296	283	249	443	424	420	423	400	400	595	612	618	605	628	562
Ida	447	449	425	453	454	427	303	322	304	560	604	482	623	604	601	507	571	498	273	285	286	495	489	460	310	302	270	410	420	414	386	394	393	573	570	508	619	660	572
Iowa	587	546	462	603	559	468	361	345	323	515	515	442	663	654	632	683	694	576	652	529	270	658	645	627	296	281	249	424	415	393	404	396	371	556	540	537	584	582	549
Jackson	352	355	342	328	330	319	440	380	407	415	428	408	403	408	375	391	382	429	268	276	253	449	453	401	271	254	269	449	458	435	428	437	416	564	569	517	633	641	603
Jasper	572	566	513	587	581	526	385	396	383	565	529	509	884	886	813	585	568	582	343	349	282	576	519	479	333	329	305	501	499	456	464	464	430	632	649	629	641	685	632
Jefferson	544	530	451	552	535	448	393	408	375	453	464	397	579	620	569	714	768	591	633	441	371	573	572	586	413	432	374	488	486	462	452	448	425	706	695	621	665	682	680
Johnson	550	535	520	440	429	407	436	402	341	615	586	563	642	643	624	651	634	583	292	290	279	550	551	525	435	417	386	781	746	717	523	517	493	848	801	763	741	745	733
Jones	401	402	403	369	371	379	455	465	494	382	386	361	471	492	517	509	508	595	295	292	281	424	462	408	302	284	319	511	508	484	408	396	375	697	714	681	579	587	572
Keokuk	415	412	338	417	417	326	415	372	296	515	525	508	544	564	371	633	631	583	344	348	289	490	505	495	285	263	223	410	396	379	385	365	343	612	621	566	530	559	566
Kossuth	406	392	370	403	387	361	454	444	278	367	377	379	553	577	548	485	455	427	361	301	282	506	495	472	295	280	265	416	410	410	395	385	389	602	635	555	582	627	586
Lee	486	495	480	478	489	472	264	261	288	564	571	527	675	701	670	603	601	603	290	296	279	490	474	481	337	328	306	541	543	526	483	480	472	677	690	642	686	701	678
Linn	625	614	554	629	618	556	409	437	400	727	708	656	928	890	827	771	774	702	404	401	360	789	818	616	516	513	453	578	576	538	542	538	500	672	687	637	832	837	814
Louisa	426	429	416	419	421	409	442	446	540	386	412	721	504	508	470	405	456	519	308	320	267	463	453	460	322	271	239	453	459	448	432	434	416	559	545	519	623	674	687
Lucas	428	429	462	423	427	468	384	345	405	554	495	437	395	417	378	494	524	591	441	448	503	458	457	499	302	317	315	443	433	436	414	399	403	607	641	573	564	570	573
Lyon	375	376	344	365	366	328	414	401	247	437	501	372	406	430	396	457	503	446	299	273	261	501	485	443	346	333	295	417	425	412	397	405	388	572	630	582	570	565	592
Madison	407	394	356	382	374	335	469	469	445	439	394	363	473	463	379	686	602	651	307	308	286	451	453	400	312	302	280	488	459	427	475	444	408	605	616	539	625	631	609
Mahaska	460	437	381	457	430	369	376	383	448	910	808	438	594	545	494	606	570	540	272	286	285	528	539	471	372	366	334	476	472	451	459	452	428	577	589	553	626	651	638
Marion	561	534	513	556	534	494	458	486	460	517	494	500	728	712	670	616	562	495	330	284	265	538	538	489	360	351	340	589	536	612	430	432	434	588	603	547	861	811	814
Marshall	502	519	493	500	522	497	386	389	241	582	552	559	708	693	709	526	519	567	317	315	310	523	959	470	387	395	366	507	504	473	465	442	425	570	610	563	666	691	668
Mills	447	433	389	386	353	308	672	602	557	658	541	445	477	376	262	451	479	499	291	287	281	552	574	501	332	309	260	530	537	491	424	413	369	615	629	566	543	625	646
Mitchell	399	397	374	389	389	366	478	532	418	395	420	368	530	517	503	532	500	421	263	266	263	509	526	491	299	279	265	436	426	412	417	407	390	673	700	630	600	606	596

These private businesses employed 1.2 million persons in 1999, nearly 148,000 more than in 1994 (Tables 1,3). Counties ranged from 1,000 such employees in Ringgold to nearly 229,000 in Polk in 1999. All but six counties (Adams, Decatur, Louisa, Wayne, Winnebago, Worth) increased over the five years, with 54,100 of the gain occurring in Linn, Polk, and Scott.

Services (363,200), trade (356,400), and manufacturing (260,900) had the largest numbers of employees; none of the other four sectors had as many as 85,000 employees in 1999. These patterns were relatively similar in 1998 and 1994 as well, with the top three sectors totaling at least 80 percent of the employees of private firms in each of the three years reported. Service employees surpassed those in trade for the first time in 1999. In 1994, trade accounted for more employees than any other private sector in 52 counties, followed by manufacturing (31) and services (16). By 1999, fewer counties listed trade (46) as having the most employees, the same number (31) had manufacturing as highest, while more had services (22) employing the largest number.

Statewide, employees in private businesses with covered workers averaged \$508 weekly in pay in 1999, which was \$15 more than in 1998 and \$91 higher than in 1994 (Table 4). This average varied from \$323 in Calhoun to more than \$600 in Iowa, Linn, and Polk. Twelve other counties averaged at least \$500 (Figure 1).

Industry variations in average weekly wage were significant at all three time periods. Workers in finance, insurance, and real estate averaged the highest weekly pay (\$710) in 1999. Workers in manufacturing were second highest (\$674). Employees in trade establishments averaged the lowest pay for a week (\$374); for each of the three years, the average weekly wage for workers in wholesale and retail trade was only slightly more than half of the average for manufacturing and finance employees. In 1999, \$336 separated the highest paying industry from the lowest.

In 38 of Iowa's 99 counties in 1999, weekly pay in manufacturing was the highest among the seven categories of private businesses. Workers in manufacturing in Jasper, Linn, Muscatine, and Scott averaged more than \$800 per week that year. All counties except Black Hawk had higher manufacturing wages in 1999 than in 1994. The transportation, communication, and utilities sector had the highest average wage in 31 counties in 1999. The \$649 statewide average in 1999 was \$114 greater than in 1994. Ninety counties followed the state trend with a higher average at the end of the period. Average wages for construction workers increased \$118 between 1994 and 1999 to \$612 in the later year; all but Buchanan, Louisa, and Wayne experienced wage gains over the five years.

Employees in finance, insurance, and real estate had the highest statewide dollar increase (+\$175) in average pay between 1994 and 1999. Taylor and Wayne had lower weekly wages across the period in this category. Wayne's average for finance (\$322) was substantially less than half that of those in Dallas, Linn, Polk, and Scott, the only ones greater than \$700 in 1999.

For each of the three years reported here, the wholesale/retail trade, services, and agriculture/mining sectors had significantly lower average wages than the other four private business groups. The lowest average pay in 1999 occurred in the trade sector in more than three-fifths (61) of the counties; it was lowest in services in 23 others and in agriculture/mining in 15 counties. Nevertheless, each of these three sectors recorded statewide pay gains from 1994 to 1999 (trade: +\$77, services: +\$76, agriculture/mining: +\$73) and, with the exception of agriculture/mining where average pay declined in 12 counties, most counties had gains as well.

Adjusting the weekly wages for inflation allows an examination of real purchasing ability. Statewide, all private businesses taken together had an inflation-adjusted weekly wage increase of \$41 between 1994 (\$467) and 1999 (\$508) (Table 5). In six counties, however, average pay in private businesses did not keep pace with inflation.

The state figures for weekly wage change for each of the seven industrial sectors outdistanced inflation between 1994 and 1999, although workers in manufacturing averaged only \$27 more in purchasing power each week at the end of the period. Increases of \$32 to \$49 weekly were noted in four other sectors. The two largest inflation-adjusted gains occurred in finance (+\$110) and construction (+\$58). Weekly wage change between 1994 and 1999 kept pace with inflation in at least 86 counties in the construction, manufacturing, services, and wholesale/retail trade sectors. More than three-fifths of the

counties recorded real average wage increases in the other three sectors between 1994 and 1999 after inflation was taken into account.

Government

Among government agencies located in Iowa in 1999, 1,085 were federal, another 1,085 were state, and the remaining 3,573 were local offices. Taken as a whole, there were more government offices statewide than private businesses in manufacturing, agriculture/mining, or transportation, communication, and utilities in 1999.

Polk County, the location of the state capitol, had 165 state government offices in 1999. No other county had as many as 33, although all had at least three. Polk also had more federal government agencies (54) than any other county; all others had at least seven federal offices in 1999. Local government locations varied from fewer than 20 in nine counties to more than 100 in Linn and Polk in 1999.

In 1999, there were 20 more local government agencies, 38 more state offices, but 45 fewer federal government offices than in 1994. While 24 counties noted the same number of local government offices in 1999 as in 1994, 30 had fewer and 45 had more at the end of the period; changes, however, tended to be minor, with no county increasing or decreasing by as many as 10. State offices remained the same in 46 counties, increased in 38, and decreased in 15. Thirty-four counties had more federal offices over the five years, but for 30 of these the increase was only one or two; similarly, of the 40 counties with fewer federal offices in 1999 than in 1994, 30 declined by one or two.

Government employees numbered nearly 220,200 in 1999, ranking it lower than wholesale or retail trade, services, or manufacturing employment but significantly higher than the other four private business groups. The percentage increase (+5.1%) in government workers between 1994 and 1999 was lower than any of the private sectors, although it was numerically higher (+10,750) than the gain of employees in finance/insurance/real estate or agriculture/mining. The government employee increase over the five years occurred in local agencies (+9,294) and the state (+1,455) rather than the federal (+1) government. Local government employment increased in 90 counties between 1994 and 1999; gains took place among state government workers in 42 and among federal employees in 16.

Although Polk County had more state government offices than any other county, it ranked third in state employment in 1999. Johnson had 15,062 state employees, followed by Story (8,634), Polk (7,981), and Black Hawk (2,666); together, these four accounted for 72.3% of all the state's workers. The location of state universities in Johnson, Story, and Black Hawk enhanced state employment in those locations. Polk did have more local government (17,808) and federal (6,123) employees than any other county.

Government employees in Iowa averaged \$560 weekly in 1999 (Figure 2). The state (\$742) and federal (\$722) averages were relatively similar; weekly wages were substantially lower in local agencies (\$481). Although local government average pay exceeded only the wholesale/retail trade, services, and agriculture/mining sectors in 1999, state and federal averages topped those in all seven private-business categories that year.

Between 1994 and 1999, average wages increased in each government category (federal: +\$59, state: +\$128, local: +\$76). County-level gains were noted for all government sectors in nearly all counties. After adjusting for inflation, state and local government workers averaged modest wage increases (state: +\$54, local: +\$27). The statewide figure for federal employees, however, registered a \$21 decline after inflation was taken into account. Average wages for federal employees did not keep pace with inflation in 45 counties, as happened for state workers in nine counties and for local employees in 10 counties.

Notes: See an annual publication called EMPLOYMENT AND WAGES COVERED BY UNEMPLOYMENT INSURANCE for more detailed data (Iowa Workforce Development, Labor Market Information, 1000 East Grand Ave., Des Moines IA 50319).

For purposes of this section, an employer is the legal entity that either pays unemployment insurance tax or reimburses the state for it. Under government coverage, the organization unit—such as the department or agency responsible for a function of government—is the employer. Employment for a given month is the number of covered workers who earned wages during the pay period that includes the 12th of the month. This excludes workers who earned wages because of work stoppages, temporary layoffs, illness, or unpaid vacation. It is important to understand that the self-employed, proprietors, unpaid family members, and most agricultural employees, elected officials, and railroad workers also are excluded.

Here are more detailed descriptions of the employer categories reported in this section.

Private Sector: This sector includes full-time and part-time employees in the following seven categories.

Agriculture, Forestry, Fishing, and Mining: This division includes establishments primarily engaged in agriculture production and services, forestry, and commercial fishing, hunting and trapping. It also includes the extraction of minerals occurring naturally and includes preparations done at mine sites.

Construction: This division includes three broad types of construction activity: building construction by general contractors/builders, heavy construction, and general contractors and special trade contractors.

Manufacturing: This division includes establishments engaged in the mechanical or chemical transformation of materials or substances into new products. These establishments are usually described as plants, factories, or mills. Establishments engaged in assembling component parts of manufactured products also are considered manufacturing if the new product is neither a structure nor other fixed improvements.

Transportation, Communications, and Electric, Gas, and Sanitary Services: This division includes establishments providing passenger and freight transportation, communication services, or electricity, gas, steam, waste, water, or sanitary services, and all establishments of the U.S. Postal Service.

Wholesale and Retail Trade: The wholesale division includes establishments primarily engaged in selling merchandise to retailers and to industrial, commercial, institutional, farms, contractors, or to other wholesalers. The retail division includes establishments engaged in selling merchandise for personal or household consumption and rendering services.

Finance, Insurance, and Real Estate: This division includes establishments operating primarily in the fields of finance, insurance, and real estate.

Services: This division includes establishments engaged in providing a wide variety of services for individuals and for business and government establishments. Included are hotels and other lodging places; establishments providing personal business, repair, and amusement services; health, legal, engineering, and other professional services; educational institutions; and membership organizations.

Government Sector: This sector includes full-time and part-time employees in federal and state government. Local government includes county, incorporated place, township, school districts, and special districts.

Figure 1. Average weekly wages of employees in private business, 1999.

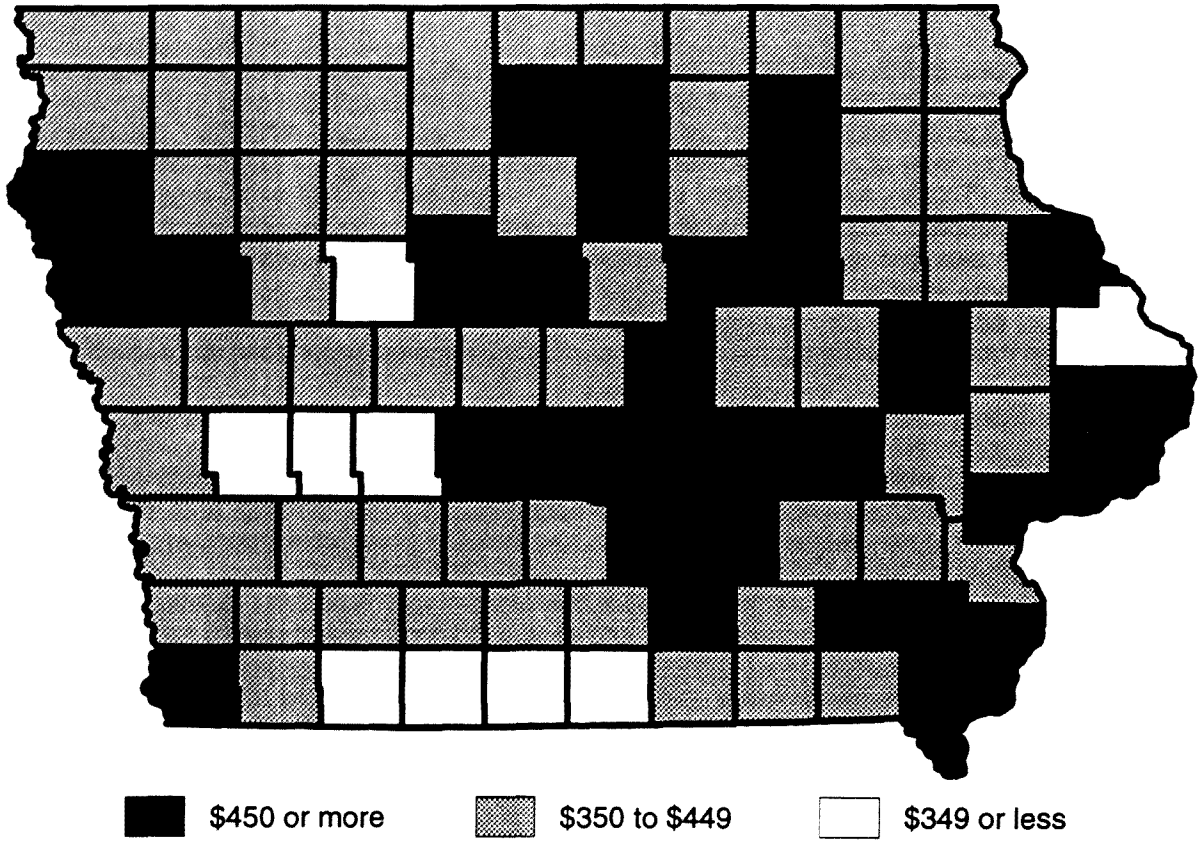
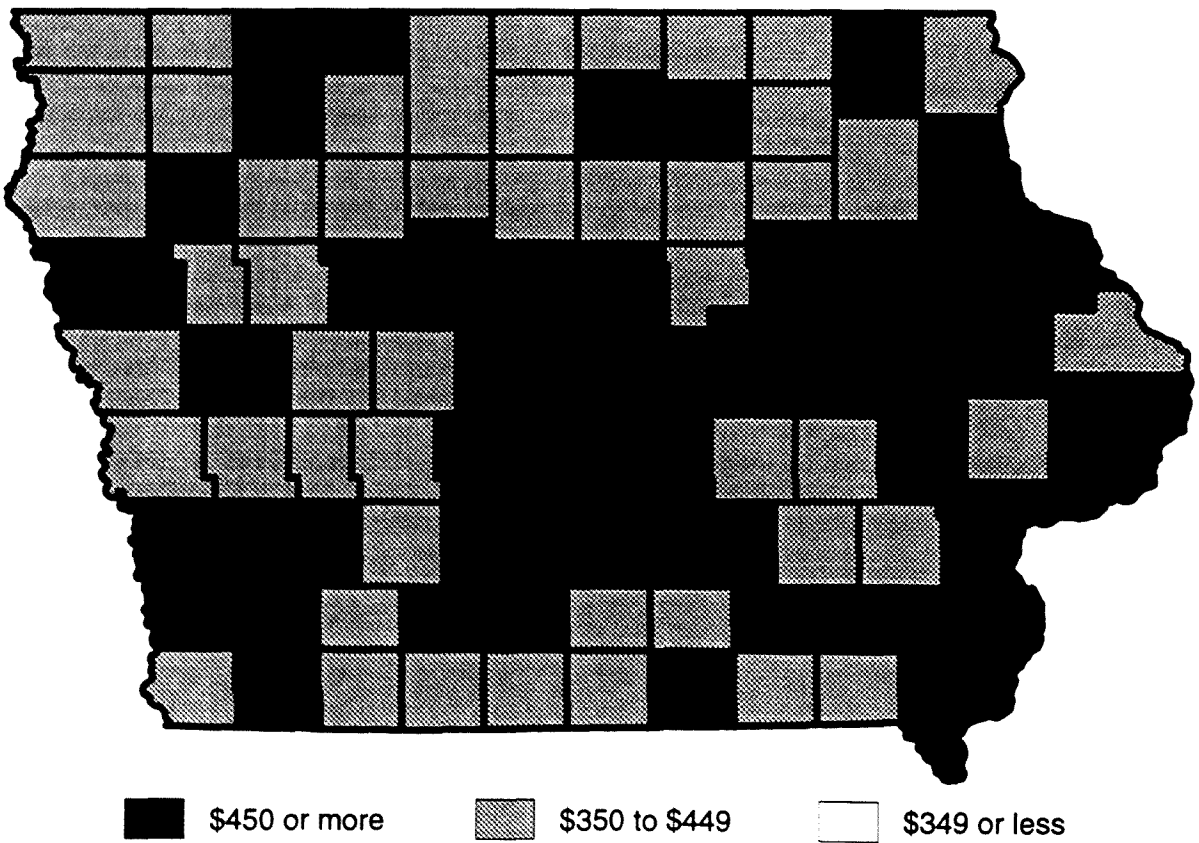


Figure 2. Average weekly wages of government employees, 1999.



Per Capita Income in Iowa's Counties: 1969-1999

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Per capita income, a measure of average income per person, was \$25,598 for Iowa in 1999, a figure about \$2,950 below that for the United States (Table 1). This information is reported annually for all states and counties by the Bureau of Economic Analysis in the U.S. Department of Commerce. In the calculation of income, the Bureau of Economic Analysis includes income from sources such as wages, salaries, self-employment, farming, interest, rent, social security, and public assistance. Also included is the imputed value of non-monetary income or benefits such as Medicare, public housing subsidies, and other "in-kind" resources. Because of the inclusion of the value of non-monetary benefits, the income figures from the Bureau of Economic Analysis will generally be higher than figures produced by the U. S. Bureau of the Census, which do not include such "in-kind" benefits. In this report, both initial per capita income figures and data adjusted for inflation are presented.

Per Capita Income

Counties in Iowa varied in per capita income (Figure 1). In 1999, Polk had the highest (\$32,182) and Decatur the lowest (\$16,436) per capita income, a difference of nearly \$15,750. This gap has been increasing; it has been at least \$8,000 each year since 1989 and exceeded \$10,000 for the first time in 1993. In 1999, nine counties (including Decatur) had figures less than \$20,000, while 20 counties plus Polk had per capita income that exceeded \$25,000.

Per capita income gained in all counties from 1991 to 1992, 1993 to 1994, and 1995 to 1996. Between 1992 and 1993, however, per capita income decreased in 77 of Iowa's 99 counties. These year-to-year variations reflect changes in the economy in Iowa and its counties.

From 1989 to 1999, Iowa's per capita income increased by \$9,036 (Table 3, Figure 2), while the gain was \$9,980 in the United States. Annual comparisons reveal increases greater than \$1,000 from 1991 to 1992, 1993 to 1994, 1995 to 1996, 1996 to 1997, and 1997 to 1998 in Iowa. From 1989 to 1999, increases were more than \$10,000 in seven counties (Dallas, Dickinson, Iowa, Johnson, Linn, Polk, Story) and less than \$5,000 in five others (Audubon, Decatur, Keokuk, Lyon, Wayne). During the 1989-1999 period, 20 counties increased every year, but the other 79 declined one or more times; only Kossuth failed to increase in at least 5 of the 10 comparisons.

Per Capita Income Adjusted for Inflation

Rising prices of goods and services between 1989 and 1999 affected what Iowans could purchase with their income. To determine whether income was keeping pace with inflation, the per capita income figures were adjusted to 1999 dollars based on the consumer price index for each year. Per capita income adjusted for inflation was higher in 1999 than it was in 1989 for Iowa (Table 2, Figure 3), indicating that the purchasing power of Iowa's residents was greater in 1999 than it was previously. The adjusted gain was about \$3,550 from 1989 to 1999, a figure substantially lower than the \$9,036 change in unadjusted per capita income.

County trends for adjusted per capita income also differ from those reported when the unadjusted figures were examined. In general, more counties experienced declines with the adjusted than the unadjusted figures, indicating that per capita income in some did not always keep up with inflation even though income rose. In 41 of the 99 counties, adjusted per capita income increased in 5 or fewer of the

Table 1. Per Capita Income in Iowa's Counties, 1969-1999.

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1984	1979	1974	1969
Adair	22565	21865	20850	20257	17022	18270	15567	16999	15599	15611	15156	10485	7865	5009	3248
Adams	20260	20208	20849	20275	15907	17270	14864	16024	15022	14358	13931	9877	7641	4677	3165
Allamakee	20688	20086	19386	18598	16961	16639	15531	15730	14591	14709	13832	10702	7221	4649	2972
Appanoose	19750	18964	18410	17555	16174	16158	14781	14705	14027	13281	12541	9904	7634	4815	2901
Audubon	20163	21321	22792	21714	18707	18240	15974	17438	16559	15307	15373	10642	7624	5136	3655
Benton	22929	22373	21956	20633	18982	18084	16679	16933	16059	15765	15361	12248	8863	5540	3651
Black Hawk	24905	24551	23407	21811	21020	19953	18653	18233	17111	16610	15909	12424	9595	5576	3512
Boone	25334	24941	24054	23140	21604	21406	19385	19397	18146	17394	17113	12706	9409	5927	3656
Bremer	24345	24217	23410	21998	20345	19605	18246	18106	16663	16202	15121	12097	8634	5320	3512
Buchanan	21168	21601	20827	19439	17687	17475	15756	16339	15585	15122	14291	10895	7891	5146	3125
Buena Vista	23648	23318	23430	22165	19770	19078	16831	17414	16503	16088	15916	11913	9151	5991	3955
Butler	20195	20631	20402	20079	17956	17896	16392	16989	15708	15362	13846	11816	8334	5091	3295
Calhoun	21123	20090	21169	21426	18684	18620	15204	16944	14839	15004	15479	12039	9500	5954	3588
Carroll	24474	24485	24212	22886	20637	20064	18584	19303	17313	16372	16469	13064	9628	5433	3508
Cass	22395	22081	21025	20198	18366	18405	16891	17536	16330	15829	15844	12320	8960	5446	3511
Cedar	24396	24249	23505	22796	20387	20159	18199	18243	17353	17274	16567	13242	9265	5702	3678
Cerro Gordo	26046	24979	23750	22636	21094	20200	18514	18465	17627	17242	16059	13099	9177	5654	3568
Cherokee	23132	22577	22298	21576	19081	18195	16716	17148	16828	16356	15572	11700	8327	5860	3649
Chickasaw	23545	22410	21912	20849	19241	18125	15984	16897	15709	15166	14427	11783	8490	5293	3123
Clarke	21957	20064	19024	16724	15657	15838	14219	14729	14256	14080	13524	9771	7217	4652	3216
Clay	25559	24904	24151	23540	21089	20231	17165	17850	16750	16838	16645	11708	9263	5791	3638
Clayton	21477	21317	21174	19896	17981	16686	15689	16351	15177	15117	14258	11024	7178	4565	3058
Clinton	23742	23098	22213	21473	19918	19081	17846	17974	16935	16338	15734	12385	8980	5279	3856
Crawford	20486	20379	20552	19699	18063	18023	15989	16207	14853	14994	14047	11086	7695	4909	3337
Dallas	28145	27286	26040	25029	23293	22086	20461	20173	18982	18357	17907	13618	9547	6204	4003
Davis	17770	17976	17919	17124	15033	15984	14919	14673	13430	13714	12336	9805	7021	4454	3163
Decatur	16436	15947	16336	14891	13420	14385	13400	13450	12850	12364	12076	8738	5957	4093	2737
Delaware	20181	20227	20661	19946	17100	17297	15814	16242	15060	15529	14806	11303	7658	4858	2865
Des Moines	25251	24522	23300	22148	20976	20319	19239	18835	17959	17481	16526	13161	9547	5850	4226
Dickinson	28319	27631	26295	25666	23508	22402	19973	20191	18828	18575	17992	13509	9218	5928	3622
Dubuque	25385	24904	23217	22296	21629	20526	19308	18899	17579	16913	16191	12349	8791	5273	3351
Emmet	23666	23618	22468	21320	19274	18590	15632	16696	15305	15376	14788	11376	8591	5911	3555
Fayette	20239	20185	19904	19174	17431	16823	14744	15350	14695	14554	13921	11144	7890	4823	3001
Floyd	22329	21964	21477	20387	18799	18255	16941	17602	17014	16551	14764	12175	8678	5570	3424
Franklin	21995	23101	22538	22250	18980	18819	15127	17655	15337	15775	15285	12156	8380	6363	3624
Fremont	21553	20736	21420	20850	17043	17223	14132	16532	15414	14504	14671	11599	8971	5256	4219
Greene	21429	21394	21728	22443	20240	19419	16320	18602	16448	15558	16065	11973	9813	6706	4182
Grundy	25655	25678	25805	23656	22957	21064	18990	20289	18484	17629	16130	13231	10060	6732	3790
Guthrie	22248	21924	20864	20842	18302	18037	16283	17182	16332	16010	15743	11513	8046	5046	3276
Hamilton	25365	25218	25119	24457	21691	21613	18053	18886	18157	17179	17585	13167	9888	6348	3792
Hancock	21851	21426	21891	21334	18877	18817	15679	16976	14846	15835	15037	13616	9595	6755	4044
Hardin	23483	24021	23462	22527	20683	20143	17996	18587	17021	16788	15526	12772	9179	6021	3880
Harrison	20558	19927	20245	20071	17459	17335	15612	16411	14660	13968	13334	11138	7950	4714	3575
Henry	22841	22630	21844	20548	19017	18897	17688	17614	16734	16416	15289	12063	8733	5411	3506
Howard	23769	23275	22082	20532	18647	18115	15095	16150	15242	15036	14196	11748	8004	4530	2741
Humboldt	23789	23634	24162	24075	21461	20161	17104	18493	15986	16104	16734	12295	8905	6392	3516
Ida	21807	21762	21757	21555	18670	18143	15983	17203	15912	15815	15397	12303	8167	5796	4113
Iowa	28121	26866	26329	23390	21076	21829	20215	20626	18352	17272	16518	13497	8624	5119	3740
Jackson	20721	20113	19293	18073	16723	16558	15929	15522	14539	14620	13856	11095	7666	4792	3251
Jasper	26064	25036	24034	22994	21648	21067	19224	19260	18369	18080	16978	13845	9282	5818	3803

Table 1. Per Capita Income in Iowa's Counties, 1969-1999 (continued).

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1984	1979	1974	1969
Jefferson	22892	22869	22212	20221	18513	18329	16580	17061	16020	15837	14956	11377	7967	5640	3465
Johnson	29425	27974	26172	24896	23681	22935	21469	20407	19387	18437	17737	13432	9119	5109	3306
Jones	19620	18945	18193	17461	16045	16023	14901	15376	14318	14326	13814	10938	7722	5087	3366
Keokuk	20033	19317	20205	18352	16210	16898	15215	16355	15764	15449	15206	12385	8250	5113	3499
Kossuth	21666	21968	22239	21103	18442	18555	14909	16879	14741	15788	15808	12193	8285	6412	3392
Lee	22908	22365	21406	20843	19287	18791	17499	17335	16397	16045	15325	12540	8922	5339	3523
Linn	30932	29521	27100	25808	24670	23650	22285	21508	20730	19998	19257	14083	10212	5961	4045
Louisa	20901	20500	20336	19374	17886	18070	16563	16816	15551	15720	14915	11832	7900	5285	3518
Lucas	21277	20313	19541	18448	17018	18380	16451	16853	15996	15415	14895	11250	8049	4893	3253
Lyon	19533	19655	20578	20623	17738	17254	15102	16123	15261	14593	14658	11663	8363	4949	3509
Madison	24107	23287	21917	20557	18400	18587	16821	17061	16308	15871	15336	11785	8129	5163	3631
Mahaska	23324	22781	21742	20066	18300	18183	16654	16766	15984	15633	14909	11824	8663	5422	3276
Marion	25923	24305	23307	21718	20449	20366	18851	18570	17560	17095	16172	13045	9215	5865	3693
Marshall	24891	24226	23294	22096	21717	20996	19617	19767	18942	18042	17519	13387	9687	6271	4216
Mills	27041	25939	25525	23909	21240	21616	19494	20232	19351	18619	17633	12674	8464	5695	4358
Mitchell	22629	23097	23756	22803	20268	19882	17434	18970	17774	17974	16750	13185	8061	5016	3247
Monona	20934	20160	20573	19834	16813	17685	15512	16521	14284	14223	14249	10968	7449	5351	3673
Monroe	22739	21890	20799	19651	18173	18136	16704	16660	15889	15337	14412	10834	7320	4655	2965
Montgomery	23209	22958	22500	21978	19025	19498	18123	18409	17638	16625	16303	12106	9825	5640	3785
Muscatine	26192	25639	24092	23011	21693	21578	20432	20103	19005	18703	17399	13995	9341	5651	3855
O'Brien	23292	23290	23181	22371	19626	19044	16394	17593	17171	16729	16156	12583	8856	6034	3520
Osceola	22538	21758	22464	22025	19095	18876	14879	16622	16119	15268	14600	11000	8534	5464	3637
Page	22816	21731	21468	20978	19467	19061	17617	18159	17027	16413	15907	11452	8650	5159	3636
Palo Alto	22028	21834	22975	22446	18743	18111	14466	16898	14351	15483	14815	11021	8219	5761	3484
Plymouth	23165	22645	22442	21790	19868	19210	18443	18493	17240	16266	15865	11909	8193	5252	3369
Pocahontas	21910	22379	23333	22468	18845	19113	14394	17334	15290	15115	15705	11395	8425	6398	3586
Polk	32182	30775	28757	27517	26491	25282	24053	23425	22226	21871	20281	15458	10932	6294	4146
Pottawattamie	23187	22250	21652	20731	19434	18810	17357	17224	16496	15787	15046	12521	8618	5286	3601
Poweshiek	25319	24552	23528	21696	20304	20143	18455	18562	17754	17111	16423	12762	8812	5637	3656
Ringgold	19534	18914	19193	17223	14264	16371	13627	14549	13693	13152	13526	9042	7056	4649	3185
Sac	20619	20168	21915	21190	17639	17877	15677	16891	15445	14992	15033	12057	9479	6293	3860
Scott	26462	26109	24559	23499	22302	21183	20431	20048	19335	18794	17810	14000	10036	6106	4049
Shelby	22099	21569	22285	21212	18765	18135	16198	17159	16505	15953	15219	11825	8747	5195	3419
Sioux	22721	22456	22619	21663	19071	18174	17202	17433	16053	15555	14819	12144	8412	5315	3439
Story	26616	25527	24211	22815	21566	20579	18907	18499	17700	16721	15806	12057	8257	4840	3207
Tama	21638	21340	21093	19562	18648	18714	16775	17082	16405	16133	15357	12191	8279	5554	3546
Taylor	18373	17677	17902	16840	13383	15141	13072	14030	13401	12500	12082	9221	7622	4385	2959
Union	21465	20808	19923	18421	17403	17521	16103	16185	15435	14979	14517	11224	7856	4787	3161
Van Buren	18878	19238	19211	17510	15002	15680	14096	14886	13973	13711	12692	9442	7233	4576	2878
Wapello	21443	21048	20080	19696	18640	17836	16634	16696	16261	15558	14827	11591	8423	4897	3518
Warren	24363	23287	22272	20929	19905	19546	18181	17946	17116	16339	15633	12115	8791	5235	3515
Washington	23205	23170	23453	21951	19978	19927	18317	18455	17494	17032	16260	14106	9688	5521	3707
Wayne	18261	17671	17574	16615	14430	15328	13165	14020	13661	13329	13343	10389	7514	4381	2816
Webster	24557	23436	23008	22276	20944	19974	17849	18144	17061	16161	15605	11987	9397	5807	3705
Winnebago	22136	22132	20799	20586	19270	19295	16305	17525	15806	16581	16423	13397	8214	5346	3293
Winneshiek	23269	22392	21199	19950	18352	18077	16704	16931	15813	15652	14611	10915	6505	4260	2815
Woodbury	25856	25032	23571	23017	21551	20305	19207	19202	17795	17275	16328	12593	9014	5626	3728
Worth	20818	21623	21985	20243	18733	18277	14739	16877	15875	16567	15056	12306	7757	5536	3272
Wright	24290	24075	24178	23339	20253	19187	16285	17817	16006	16096	16973	13959	9863	6763	3756
State of Iowa	25598	24853	23801	22713	21181	20498	18929	18939	17859	17380	16562	12798	9114	5596	3652
Counties:															
Range: Low	16436	15947	16336	14891	13383	14385	13072	13450	12850	12364	12076	8738	5957	4093	2737
High	32182	30775	28757	27517	26491	25282	24053	23425	22226	21871	20281	15458	10932	6763	4358
Number Inc.	84	70	96	99	73	99	22	99	79	83					
United States	28546	27321	25874	24651	23562	22581	21718	21082	20089	19584	18566	13824	9230	5720	3846

Table 2. Adjusted Per Capita Income (1999 dollars) in Iowa's Counties, 1969-1999.

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1984	1979	1974	1969
Adair	22565	22352	21601	21453	18552	20477	17889	20085	18965	19745	20178	16573	17565	16489	14382
Adams	20260	20658	21600	21472	17337	19356	17081	18933	18264	18160	18547	15612	17065	15396	14015
Allamakee	20688	20534	20084	19696	18486	18649	17847	18585	17740	18604	18415	16916	16127	15304	13160
Appanoose	19750	19387	19073	18591	17628	18110	16985	17374	17054	16798	16696	15655	17049	15850	12846
Audubon	20163	21796	23613	22996	20389	20443	18356	20604	20132	19361	20466	16821	17027	16907	16185
Benton	22929	22872	22747	21851	20688	20268	19166	20007	19525	19940	20450	19359	19794	18237	16167
Black Hawk	24905	25098	24250	23098	22909	22363	21435	21543	20804	21009	21180	19638	21429	18355	15551
Boone	25334	25497	24920	24506	23546	23992	22276	22918	22062	22000	22783	20083	21014	19511	16189
Bremer	24345	24757	24253	23297	22174	21973	20967	21393	20259	20493	20131	19121	19283	17512	15551
Buchanan	21168	22082	21577	20586	19277	19586	18106	19305	18948	19127	19026	17221	17623	16940	13838
Buena Vista	23648	23838	24274	23473	21547	21382	19341	20575	20064	20349	21189	18830	20437	19721	17513
Butler	20195	21091	21137	21264	19570	20058	18837	20073	19098	19430	18434	18677	18613	16759	14590
Calhoun	21123	20538	21931	22691	20364	20869	17471	20020	18041	18977	20608	19029	21217	19599	15888
Carroll	24474	25031	25084	24237	22492	22488	21356	22807	21049	20708	21926	20649	21503	17884	15534
Cass	22395	22573	21782	21390	20017	20628	19410	20719	19854	20021	21094	19473	20011	17927	15547
Cedar	24396	24789	24351	24142	22220	22594	20913	21555	21098	21849	22056	20931	20692	18770	16286
Cerro Gordo	26046	25536	24605	23972	22990	22640	21275	21817	21431	21808	21380	20705	20495	18612	15799
Cherokee	23132	23080	23101	22850	20796	20393	19209	20261	20460	20688	20731	18493	18597	19290	16158
Chickasaw	23545	22909	22701	22080	20971	20314	18368	19964	19099	19182	19207	18624	18961	17424	13829
Clarke	21957	20511	19709	17711	17064	17751	16340	17403	17333	17809	18005	15444	16118	15313	14241
Clay	25559	25459	25021	24930	22985	22675	19725	21090	20365	21297	22160	18506	20688	19063	16109
Clayton	21477	21792	21936	21070	19597	18702	18029	19319	18452	19120	18982	17425	16031	15027	13541
Clinton	23742	23613	23013	22741	21708	21386	20508	21237	20590	20665	20947	19576	20055	17377	17075
Crawford	20486	20833	21292	20862	19687	20200	18374	19149	18058	18965	18701	17523	17186	16159	14776
Dallas	28145	27894	26978	26506	25387	24754	23512	23835	23078	23218	23840	21525	21322	20422	17725
Davis	17770	18377	18564	18135	16384	17915	17144	17337	16328	17346	16423	15498	15680	14662	14006
Decatur	16436	16302	16924	15770	14626	16123	15398	15892	15623	15638	16077	13811	13304	13473	12120
Delaware	20181	20678	21405	21123	18637	19386	18172	19190	18310	19642	19712	17866	17103	15992	12686
Des Moines	25251	25069	24139	23455	22862	22773	22108	22254	21835	22110	22001	20803	21322	19257	18713
Dickinson	28319	28247	27242	27181	25621	25108	22952	23856	22891	23494	23953	21353	20587	19514	16038
Dubuque	25385	25459	24053	23612	23573	23005	22188	22330	21373	21392	21555	19519	19633	17358	14838
Emmet	23666	24144	23277	22578	21007	20836	17963	19727	18608	19448	19688	17981	19187	19458	15742
Fayette	20239	20635	20621	20306	18998	18855	16943	18137	17866	18408	18533	17614	17621	15876	13289
Floyd	22329	22454	22250	21590	20489	20460	19468	20797	20686	20934	19656	19244	19381	18335	15162
Franklin	21995	23616	23350	23563	20686	21092	17383	20860	18647	19953	20349	19214	18715	20946	16047
Fremont	21553	21198	22191	22081	18575	19303	16240	19533	18740	18345	19532	18334	20035	17302	18682
Greene	21429	21871	22510	23768	22059	21765	18754	21979	19998	19678	21388	18925	21916	22075	18518
Grundy	25655	26250	26734	25052	25021	23608	21822	23972	22473	22298	21474	20913	22467	22160	16782
Guthrie	22248	22413	21615	22072	19947	20216	18711	20301	19857	20250	20959	18198	17970	16610	14506
Hamilton	25365	25780	26024	25901	23641	24224	20745	22314	22075	21728	23411	20812	22083	20896	16791
Hancock	21851	21904	22679	22593	20574	21090	18017	20058	18050	20029	20019	21522	21429	22236	17907
Hardin	23483	24556	24307	23857	22542	22576	20680	21961	20694	21234	20670	20188	20500	19820	17181
Harrison	20558	20371	20974	21256	19028	19429	17940	19390	17824	17667	17752	17605	17755	15518	15830
Henry	22841	23134	22631	21761	20726	21180	20326	20811	20345	20763	20355	19067	19504	17812	15525
Howard	23769	23794	22877	21744	20323	20303	17346	19082	18531	19018	18899	18569	17876	14912	12137
Humboldt	23789	24161	25032	25496	23390	22596	19655	21850	19436	20369	22278	19434	19888	21041	15569
Ida	21807	22247	22540	22827	20348	20335	18367	20326	19346	20003	20498	19446	18240	19079	18213
Iowa	28121	27465	27277	24771	22971	24466	23230	24370	22312	21846	21991	21334	19260	16851	16561
Jackson	20721	20561	19988	19140	18226	18558	18305	18340	17677	18492	18447	17537	17121	15774	14396
Jasper	26064	25594	24899	24351	23594	23612	22091	22756	22333	22868	22603	21884	20730	19152	16840

Table 2. Adjusted Per Capita Income (1999 dollars) in Iowa's Counties, 1969-1999 (continued).

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1984	1979	1974	1969
Jefferson	22892	23379	23012	21415	20177	20543	19053	20158	19477	20031	19911	17983	17793	18566	15343
Johnson	29425	28597	27114	26366	25810	25705	24671	24112	23571	23320	23614	21231	20366	16818	14639
Jones	19620	19367	18848	18492	17487	17958	17123	18167	17408	18120	18391	17289	17246	16745	14905
Keokuk	20033	19748	20933	19435	17667	18939	17484	19324	19166	19540	20244	19576	18425	16831	15494
Kossuth	21666	22458	23040	22349	20100	20796	17132	19943	17922	19969	21046	19273	18503	21107	15020
Lee	22908	22863	22177	22073	21021	21061	20109	20482	19936	20294	20403	19821	19926	17575	15600
Linn	30932	30179	28076	27331	26888	26507	25609	25412	25204	25294	25637	22260	22807	19622	17911
Louisa	20901	20957	21068	20518	19494	20253	19033	19869	18907	19883	19857	18702	17643	17397	15578
Lucas	21277	20766	20245	19537	18548	20600	18904	19912	19448	19497	19830	17782	17976	16107	14404
Lyon	19533	20093	21319	21840	19332	19338	17354	19050	18554	18458	19515	18435	18677	16291	15538
Madison	24107	23806	22706	21770	20054	20832	19330	20158	19827	20074	20417	18628	18155	16996	16078
Mahaska	23324	23289	22525	21250	19945	20379	19138	19810	19433	19773	19849	18689	19347	17848	14506
Marion	25923	24847	24146	23000	22287	22826	21662	21941	21350	21622	21530	20619	20580	19306	16353
Marshall	24891	24766	24133	23400	23669	23532	22543	23355	23030	22820	23323	21160	21634	20643	18669
Mills	27041	26517	26444	25320	23149	24227	22401	23905	23527	23550	23475	20033	18903	18747	19297
Mitchell	22629	23612	24611	24149	22090	22284	20034	22414	21610	22734	22300	20841	18003	16512	14378
Monona	20934	20609	21314	21005	18324	19821	17825	19520	17367	17990	18970	17336	16636	17614	16264
Monroe	22739	22378	21548	20811	19807	20327	19195	19684	19318	19399	19187	17124	16348	15323	13129
Montgomery	23209	23470	23310	23275	20735	21853	20826	21751	21444	21028	21705	19135	21943	18566	16760
Muscatine	26192	26210	24960	24369	23643	24184	23479	23752	23106	23656	23164	22121	20862	18602	17070
O'Brien	23292	23809	24016	23692	21390	21344	18839	20787	20877	21159	21509	19889	19779	19863	15587
Osceola	22538	22243	23273	23325	20811	21156	17098	19639	19598	19311	19437	17387	19059	17986	16105
Page	22816	22215	22241	22216	21217	21363	20244	21455	20701	20760	21177	18101	19318	16982	16100
Palo Alto	22028	22321	23802	23771	20428	20299	16623	19966	17448	19583	19724	17420	18356	18964	15427
Plymouth	23165	23150	23250	23076	21654	21530	21194	21850	20960	20574	21121	18824	18298	17289	14918
Pocahontas	21910	22878	24173	23794	20539	21422	16541	20481	18590	19118	20908	18011	18816	21061	15879
Polk	32182	31461	29793	29141	28872	28336	27640	27677	27022	27663	27001	24433	24415	20719	18359
Pottawattamie	23187	22746	22432	21955	21181	21082	19946	20351	20056	19968	20031	19791	19247	17400	15945
Poweshiek	25319	25099	24375	22977	22129	22576	21207	21932	21585	21642	21864	20172	19680	18556	16189
Ringgold	19534	19336	19884	18240	15546	18349	15659	17190	16648	16635	18008	14292	15759	15304	14103
Sac	20619	20617	22704	22441	19225	20036	18015	19957	18778	18962	20014	19058	21170	20715	17092
Scott	26462	26691	25443	24886	24307	23742	23478	23687	23508	23771	23711	22129	22414	20100	17929
Shelby	22099	22050	23088	22464	20452	20326	18614	20274	20067	20178	20261	18691	19535	17101	15140
Sioux	22721	22956	23434	22942	20785	20369	19767	20598	19517	19674	19729	19195	18787	17496	15228
Story	26616	26096	25083	24162	23505	23065	21727	21857	21520	21149	21043	19058	18441	15932	14201
Tama	21638	21816	21853	20717	20324	20975	19277	20183	19945	20405	20445	19269	18490	18283	15702
Taylor	18373	18071	18547	17834	14586	16970	15022	16577	16293	15810	16085	14575	17023	14435	13103
Union	21465	21272	20640	19508	18967	19637	18505	19123	18766	18946	19327	17741	17545	15758	13997
Van Buren	18878	19667	19903	18544	16351	17574	16198	17588	16988	17342	16897	14924	16154	15063	12744
Wapello	21443	21517	20803	20859	20316	19990	19115	19727	19770	19678	19740	18321	18811	16120	15578
Warren	24363	23806	23074	22164	21694	21907	20892	21204	20810	20666	20813	19149	19633	17233	15565
Washington	23205	23686	24298	23247	21774	22334	21049	21805	21269	21543	21647	22296	21637	18174	16415
Wayne	18261	18065	18207	17596	15727	17180	15128	16565	16609	16859	17764	16421	16781	14421	12469
Webster	24557	23958	23837	23591	22827	22387	20511	21438	20743	20441	20775	18947	20987	19116	16406
Winnebago	22136	22625	21548	21801	21002	21626	18737	20706	19217	20972	21864	21176	18345	17598	14582
Winneshiek	23269	22891	21962	21128	20002	20261	19195	20005	19226	19797	19452	17253	14528	14023	12465
Woodbury	25856	25590	24420	24376	23488	22758	22071	22688	21635	21850	21738	19905	20131	18520	16508
Worth	20818	22105	22777	21438	20417	20485	16937	19941	19301	20954	20044	19451	17324	18223	14489
Wright	24290	24612	25049	24717	22074	21505	18714	21051	19460	20359	22597	22064	22028	22262	16632
State of Iowa	25598	25407	24658	24054	23085	22974	21752	22377	21713	21983	22049	20229	20355	18421	16171
Counties:															
Range: Low	16436	16302	16924	15770	14586	16123	15022	15892	15623	15638	16077	13811	13304	13473	12120
High	32182	31461	29793	29141	28872	28336	27640	27677	27022	27663	27001	24433	24415	22262	19297
Number Inc.	50	56	87	98	39	99	2	95	24	32					
United States	28546	27930	26806	26106	25680	25309	24957	24909	24424	24770	24717	21851	20614	18829	17030

Table 3. Change in Per Capita Income and in Adjusted Per Capita Income (1999 dollars) for Iowa's Counties in Selected Periods, 1979-1999.

County	Change in Per Capita Income									Change in Adjusted Per Capita Income								
	1979-1999			1989-1999			1994-1999			1979-1999			1989-1999			1994-1999		
	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc
Adair	14700	186.9	14	7409	48.9	7	4295	23.5	4	5000	28.5	11	2387	11.8	6	2088	10.2	4
Adams	12619	165.1	14	6329	45.4	7	2990	17.3	3	3195	18.7	11	1713	9.2	5	904	4.7	2
Allamakee	13467	186.5	15	6856	49.6	8	4049	24.3	5	4561	28.3	12	2273	12.3	7	2039	10.9	4
Appanoose	12116	158.7	20	7209	57.5	10	3592	22.2	5	2701	15.8	11	3054	18.3	8	1640	9.1	4
Audubon	12539	164.5	13	4790	31.2	6	1923	10.5	3	3136	18.4	11	-303	-1.5	5	-280	-1.4	2
Benton	14066	158.7	17	7568	49.3	9	4845	26.8	5	3135	15.8	12	2479	12.1	7	2661	13.1	5
Black Hawk	15310	159.6	20	8996	56.5	10	4952	24.8	5	3476	16.2	11	3725	17.6	6	2542	11.4	4
Boone	15925	169.3	19	8221	48.0	9	3928	18.3	5	4320	20.6	13	2551	11.2	6	1342	5.6	3
Bremer	15711	182.0	20	9224	61.0	10	4740	24.2	5	5062	26.3	11	4214	20.9	7	2372	10.8	4
Buchanan	13277	168.3	15	6877	48.1	8	3693	21.1	4	3545	20.1	11	2142	11.3	6	1582	8.1	3
Buena Vista	14497	158.4	17	7732	48.6	8	4570	24.0	4	3211	15.7	10	2459	11.6	5	2266	10.6	3
Butler	11861	142.3	16	6349	45.9	8	2299	12.8	4	1582	8.5	9	1761	9.6	4	137	0.7	1
Calhoun	11623	122.3	14	5644	36.5	5	2503	13.4	3	-94	-0.4	9	515	2.5	4	254	1.2	2
Carroll	14846	154.2	15	8005	48.6	7	4410	22.0	4	2971	13.8	12	2548	11.6	6	1986	8.8	3
Cass	13435	149.9	15	6551	41.3	7	3990	21.7	4	2384	11.9	11	1301	6.2	5	1767	8.6	3
Cedar	15131	163.3	16	7829	47.3	9	4237	21.0	5	3704	17.9	10	2340	10.6	5	1802	8.0	3
Cerro Gordo	16869	183.8	20	9987	62.2	10	5846	28.9	5	5551	27.1	13	4666	21.8	8	3406	15.0	5
Cherokee	14805	177.8	17	7560	48.5	9	4937	27.1	5	4535	24.4	11	2401	11.6	5	2739	13.4	4
Chickasaw	15055	177.3	17	9118	63.2	9	5420	29.9	5	4584	24.2	12	4338	22.6	7	3231	15.9	5
Clarke	14740	204.2	16	8433	62.4	8	6119	38.6	4	5839	36.2	12	3952	21.9	6	4206	23.7	4
Clay	16296	175.9	16	8914	53.6	8	5328	26.3	5	4871	23.5	13	3399	15.3	7	2884	12.7	5
Clayton	14299	199.2	15	7219	50.6	9	4791	28.7	5	5446	34.0	11	2495	13.1	6	2775	14.8	3
Clinton	14762	164.4	18	8008	50.9	9	4661	24.4	5	3687	18.4	12	2795	13.3	7	2356	11.0	5
Crawford	12791	166.2	15	6439	45.8	7	2463	13.7	4	3300	19.2	10	1785	9.5	5	286	1.4	2
Dallas	18598	194.8	20	10238	57.2	10	6059	27.4	5	6823	32.0	13	4305	18.1	7	3391	13.7	5
Davis	10749	153.1	16	5434	44.0	7	1786	11.2	3	2090	13.3	11	1347	8.2	5	-145	-0.8	2
Decatur	10479	175.9	15	4360	36.1	7	2051	14.3	3	3132	23.5	12	359	2.2	5	313	1.9	3
Delaware	12523	163.5	11	5375	36.3	5	2884	16.7	2	3078	18.0	9	469	2.4	4	795	4.1	2
Des Moines	15704	164.5	20	8725	52.8	10	4932	24.3	5	3929	18.4	14	3250	14.8	8	2478	10.9	5
Dickinson	19101	207.2	18	10327	57.4	9	5917	26.4	5	7732	37.6	14	4366	18.2	7	3211	12.8	5
Dubuque	16594	188.8	20	9194	56.8	10	4859	23.7	5	5752	29.3	13	3830	17.8	6	2380	10.3	4
Emmet	15075	175.5	17	8878	60.0	8	5076	27.3	5	4479	23.3	12	3978	20.2	6	2830	13.6	4
Fayette	12349	156.5	16	6318	45.4	9	3416	20.3	5	2618	14.9	11	1706	9.2	6	1384	7.3	4
Floyd	13651	157.3	19	7565	51.2	9	4074	22.3	5	2948	15.2	12	2673	13.6	7	1869	9.1	4
Franklin	13615	162.5	15	6710	43.9	7	3176	16.9	4	3280	17.5	9	1646	8.1	4	903	4.3	2
Fremont	12582	140.3	13	6882	46.9	6	4330	25.1	3	1518	7.6	11	2021	10.3	6	2250	11.7	3
Greene	11616	118.4	14	5364	33.4	6	2010	10.4	3	-487	-2.2	10	41	0.2	5	-336	-1.5	2
Grundy	15595	155.0	15	9525	59.1	7	4591	21.8	3	3188	14.2	12	4181	19.5	7	2047	8.7	3
Guthrie	14202	176.5	17	6505	41.3	9	4211	23.3	5	4278	23.8	10	1289	6.2	4	2032	10.1	2
Hamilton	15477	156.5	16	7780	44.2	8	3752	17.4	5	3282	14.9	10	1954	8.3	5	1141	4.7	2
Hancock	12256	127.7	14	6814	45.3	7	3034	16.1	4	422	2.0	10	1832	9.2	5	761	3.6	2
Hardin	14304	155.8	16	7957	51.2	8	3340	16.6	4	2983	14.6	13	2813	13.6	6	907	4.0	3
Harrison	12608	158.6	15	7224	54.2	8	3223	18.6	4	2803	15.8	9	2806	15.8	5	1129	5.8	2
Henry	14108	161.5	20	7552	49.4	10	3944	20.9	5	3337	17.1	12	2486	12.2	6	1661	7.8	3
Howard	15765	197.0	15	9573	67.4	9	5654	31.2	5	5893	33.0	12	4870	25.8	7	3466	17.1	4
Humboldt	14884	167.1	14	7055	42.2	6	3628	18.0	4	3901	19.6	9	1511	6.8	4	1193	5.3	2
Ida	13640	167.0	16	6410	41.6	9	3664	20.2	5	3567	19.6	10	1309	6.4	4	1472	7.2	2
Iowa	19497	226.1	17	11603	70.2	8	6292	28.8	4	8861	46.0	12	6130	27.9	7	3655	14.9	4
Jackson	13055	170.3	17	6865	49.5	9	4163	25.1	5	3600	21.0	12	2274	12.3	7	2163	11.7	4
Jasper	16782	180.8	19	9086	53.5	9	4997	23.7	5	5334	25.7	13	3461	15.3	7	2452	10.4	4

Table 3. Change in Per Capita Income and in Adjusted Per Capita Income (1999 dollars) for Iowa's Counties in Selected Periods, 1979-1999 (continued).

County	Change in Per Capita Income									Change in Adjusted Per Capita Income								
	1979-1999			1989-1999			1994-1999			1979-1999			1989-1999			1994-1999		
	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc	\$	%	Yrs Inc
Jefferson	14925	187.3	18	7936	53.1	9	4563	24.9	5	5099	28.7	13	2981	15.0	6	2349	11.4	3
Johnson	20306	222.7	20	11688	65.9	10	6490	28.3	5	9059	44.5	17	5811	24.6	9	3720	14.5	5
Jones	11898	154.1	15	5806	42.0	8	3597	22.4	5	2374	13.8	11	1229	6.7	6	1662	9.3	4
Keokuk	11783	142.8	15	4827	31.7	7	3135	18.6	3	1608	8.7	10	-211	-1.0	5	1094	5.8	3
Kossuth	13381	161.5	13	5858	37.1	4	3111	16.8	2	3163	17.1	10	620	2.9	4	870	4.2	2
Lee	13986	156.8	20	7583	49.5	10	4117	21.9	5	2982	15.0	12	2505	12.3	6	1847	8.8	4
Linn	20720	202.9	20	11675	60.6	10	7282	30.8	5	8125	35.6	15	5295	20.7	8	4425	16.7	5
Louisa	13001	164.6	15	5986	40.1	7	2831	15.7	4	3258	18.5	11	1044	5.3	5	648	3.2	2
Lucas	13228	164.3	18	6382	42.8	8	2897	15.8	4	3301	18.4	12	1447	7.3	6	677	3.3	4
Lyon	11170	133.6	12	4875	33.3	5	2279	13.2	2	856	4.6	10	18	0.1	4	195	1.0	1
Madison	15978	196.6	16	8771	57.2	8	5520	29.7	4	5952	32.8	13	3690	18.1	6	3275	15.7	4
Mahaska	14661	169.2	17	8415	56.4	9	5141	28.3	5	3977	20.6	12	3475	17.5	6	2945	14.5	4
Marion	16708	181.3	20	9751	60.3	10	5557	27.3	5	5343	26.0	14	4393	20.4	7	3097	13.6	4
Marshall	15204	157.0	19	7372	42.1	9	3895	18.6	5	3257	15.1	14	1568	6.7	7	1359	5.8	4
Mills	18577	219.5	18	9408	53.4	8	5425	25.1	4	8138	43.1	13	3566	15.2	7	2814	11.6	4
Mitchell	14568	180.7	15	5879	35.1	6	2747	13.8	3	4626	25.7	12	329	1.5	5	345	1.5	2
Monona	13485	181.0	13	6685	46.9	6	3249	18.4	3	4298	25.8	10	1964	10.4	5	1113	5.6	3
Monroe	15419	210.6	20	8327	57.8	10	4603	25.4	5	6391	39.1	13	3552	18.5	7	2412	11.9	4
Montgomery	13384	136.2	16	6906	42.4	8	3711	19.0	4	1266	5.8	12	1504	6.9	6	1356	6.2	3
Muscatine	16851	180.4	20	8793	50.5	10	4614	21.4	5	5330	25.5	13	3028	13.1	6	2008	8.3	3
O'Brien	14436	163.0	19	7136	44.2	9	4248	22.3	5	3513	17.8	10	1783	8.3	4	1948	9.1	3
Osceola	14004	164.1	17	7938	54.4	8	3662	19.4	4	3479	18.3	12	3101	16.0	5	1382	6.5	2
Page	14166	163.8	19	6909	43.4	9	3755	19.7	5	3498	18.1	11	1639	7.7	5	1453	6.8	3
Palo Alto	13809	168.0	14	7213	48.7	7	3917	21.6	4	3672	20.0	12	2304	11.7	5	1729	8.5	3
Plymouth	14972	182.7	16	7300	46.0	9	3955	20.6	5	4867	26.6	13	2044	9.7	7	1635	7.6	4
Pocahontas	13485	160.1	12	6205	39.5	5	2797	14.6	2	3094	16.4	9	1002	4.8	4	488	2.3	2
Polk	21250	194.4	20	11901	58.7	10	6900	27.3	5	7767	31.8	16	5181	19.2	8	3846	13.6	5
Pottawattamie	14569	169.1	20	8141	54.1	10	4377	23.3	5	3940	20.5	14	3156	15.8	8	2105	10.0	5
Poweshiek	16507	187.3	18	8896	54.2	9	5176	25.7	5	5639	28.7	11	3455	15.8	6	2743	12.2	4
Ringgold	12478	176.8	14	6008	44.4	6	3163	19.3	3	3775	24.0	13	1526	8.5	6	1185	6.5	3
Sac	11140	117.5	12	5586	37.2	6	2742	15.3	3	-551	-2.6	9	605	3.0	5	583	2.9	3
Scott	16426	163.7	20	8652	48.6	10	5279	24.9	5	4048	18.1	13	2751	11.6	7	2720	11.5	4
Shelby	13352	152.6	13	6880	45.2	8	3964	21.9	4	2564	13.1	11	1838	9.1	6	1773	8.7	4
Sioux	14309	170.1	15	7902	53.3	8	4547	25.0	4	3934	20.9	11	2992	15.2	5	2352	11.5	3
Story	18359	222.3	20	10810	68.4	10	6037	29.3	5	8175	44.3	16	5573	26.5	9	3551	15.4	5
Tama	13359	161.4	16	6281	40.9	8	2924	15.6	4	3148	17.0	10	1193	5.8	4	663	3.2	2
Taylor	10751	141.1	14	6291	52.1	7	3232	21.3	3	1350	7.9	12	2288	14.2	6	1403	8.3	3
Union	13609	173.2	17	6948	47.9	8	3944	22.5	4	3920	22.3	12	2138	11.1	6	1828	9.3	4
Van Buren	11645	161.0	14	6186	48.7	7	3198	20.4	3	2724	16.9	11	1981	11.7	5	1304	7.4	2
Wapello	13020	154.6	19	6616	44.6	9	3607	20.2	5	2632	14.0	10	1703	8.6	5	1453	7.3	3
Warren	15572	177.1	20	8730	55.8	10	4817	24.6	5	4730	24.1	14	3550	17.1	7	2456	11.2	4
Washington	13517	139.5	17	6945	42.7	8	3278	16.5	4	1568	7.2	8	1558	7.2	4	871	3.9	2
Wayne	10747	143.0	15	4918	36.9	7	2933	19.1	4	1480	8.8	10	497	2.8	4	1081	6.3	3
Webster	15160	161.3	19	8952	57.4	9	4583	22.9	5	3570	17.0	12	3782	18.2	8	2170	9.7	5
Winnebago	13922	169.5	17	5713	34.8	7	2841	14.7	4	3791	20.7	10	272	1.2	4	510	2.4	2
Winneshek	16764	257.7	17	8658	59.3	9	5192	28.7	5	8741	60.2	12	3817	19.6	7	3008	14.8	4
Woodbury	16842	186.8	20	9528	58.4	10	5551	27.3	5	5725	28.4	15	4118	18.9	8	3098	13.6	5
Worth	13061	168.4	13	5762	38.3	6	2541	13.9	3	3494	20.2	11	774	3.9	5	333	1.6	2
Wright	14427	146.3	15	7317	43.1	6	5103	26.6	4	2262	10.3	9	1693	7.5	5	2785	13.0	3
State of Iowa	16484	180.9	19	9036	54.6	9	5100	24.9	5	5243	25.8	13	3549	16.1	7	2624	11.4	5
United States	19316	209.3	20	9980	53.8	10	5965	26.4	5	7932	38.5	17	3829	15.5	9	3237	12.8	5

10 comparisons between years from 1989 through 1999; this happened in only five counties when the unadjusted figures were reviewed.

The state's percentage increase in adjusted per capita income from 1989 to 1999 was 16.1 percent (Table 3). Small decreases occurred in Audubon and Keokuk. Gains ranged from less than 10 percent in 38 counties to more than 25 percent in three others. These percentage increases for adjusted per capita income were much less dramatic than those for the unadjusted figures. The adjusted numbers, however, represent real gains in buying power after the effect of inflation was removed.

Figure 1. Per capita income, 1999.

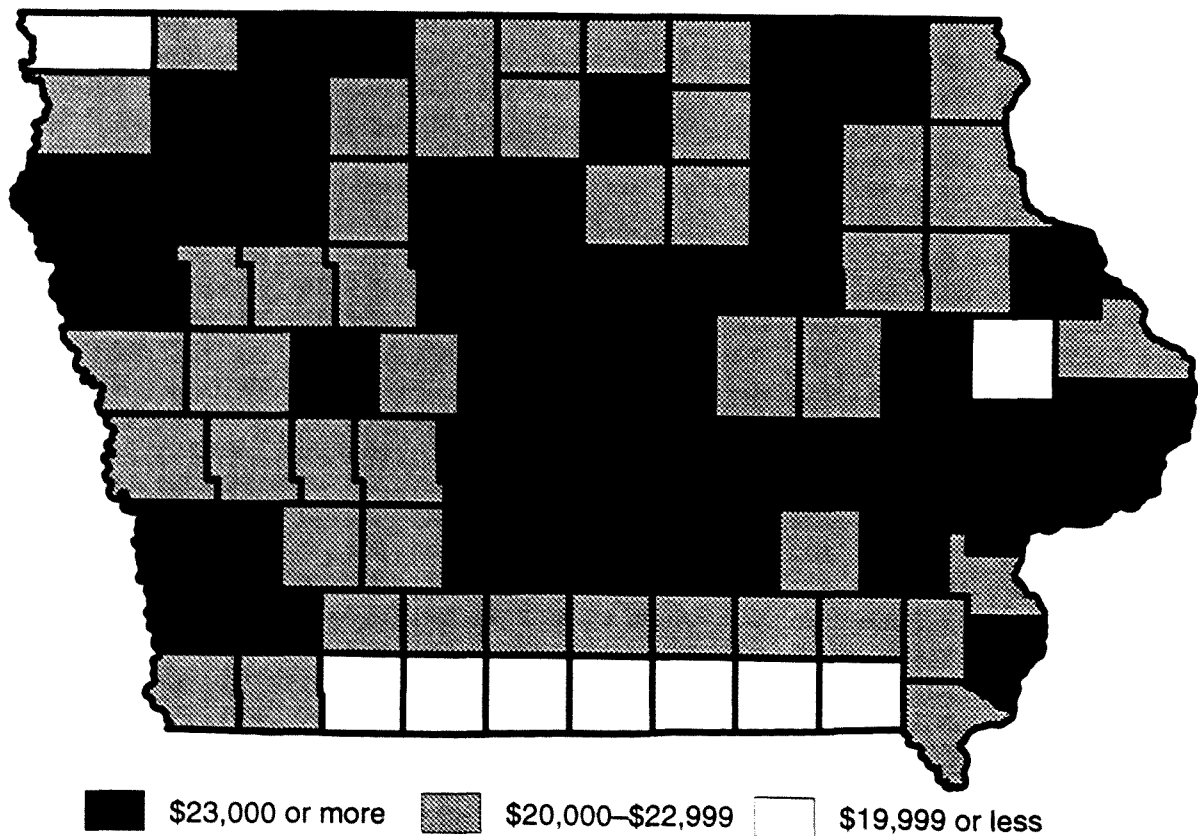


Figure 2. Per capita income in Iowa and the United States, 1969–1999.

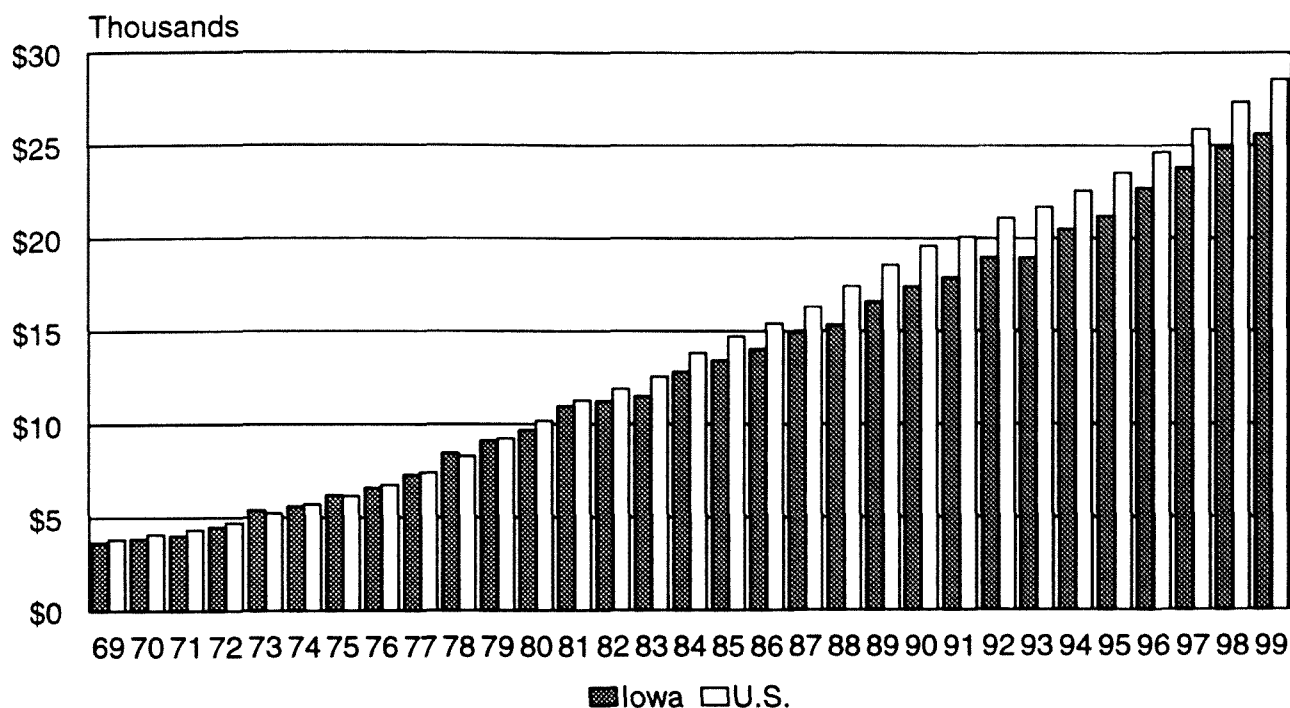
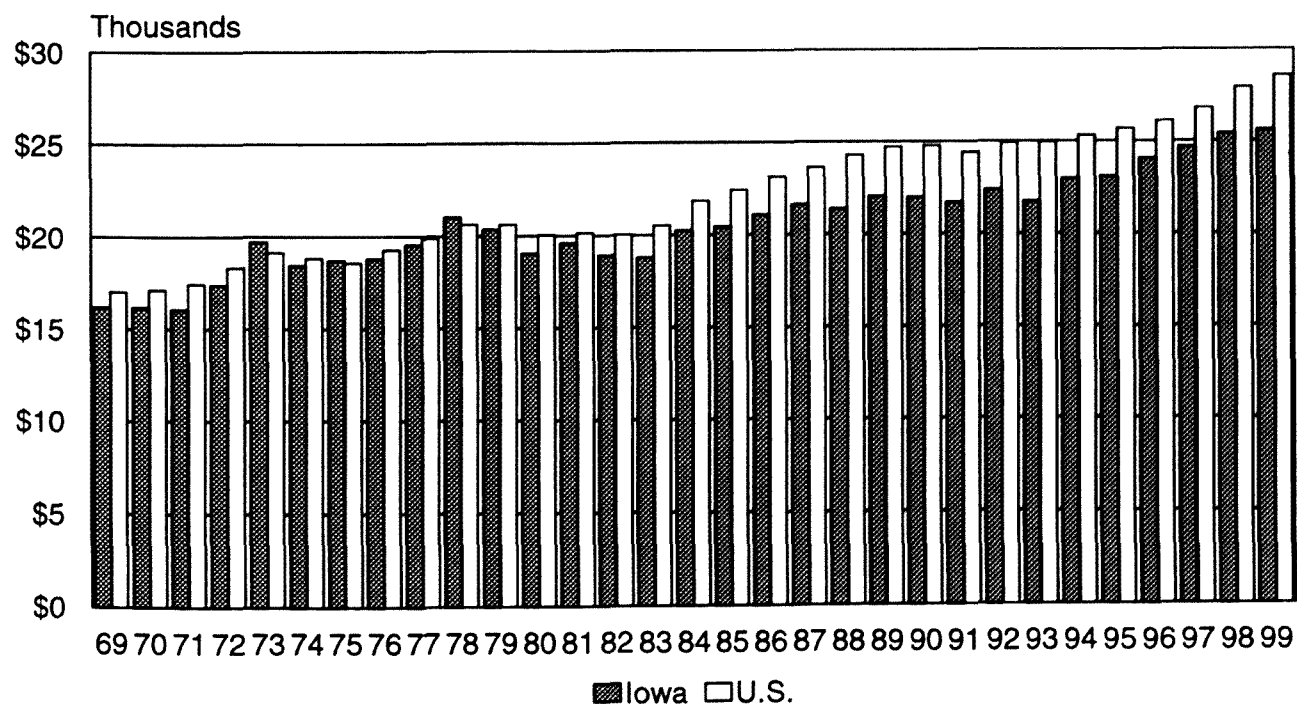
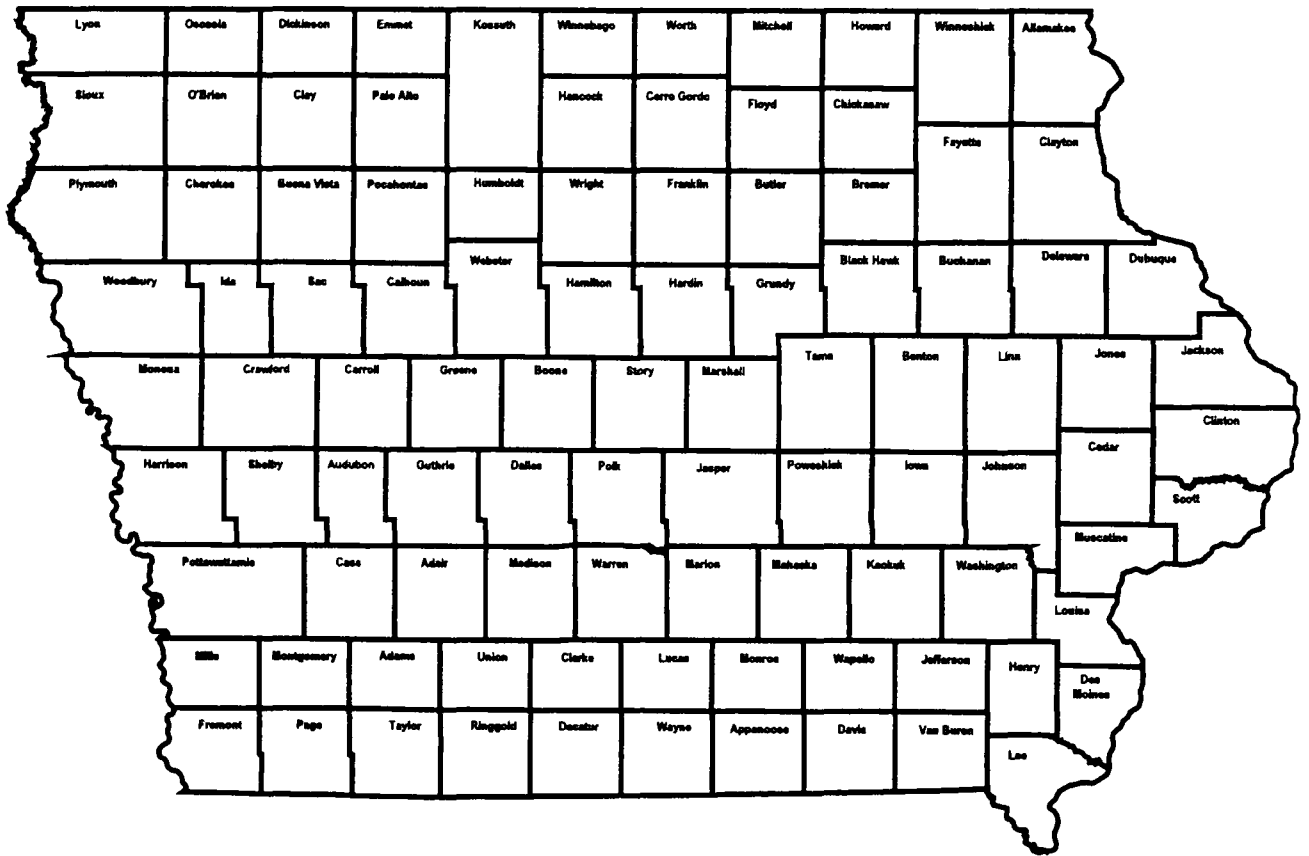


Figure 3. Adjusted per capita income (in 1999 dollars) in Iowa and the United States, 1969–1999.





Personal Income in Iowa's Counties: 1989-1999

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Margaret Hanson, Iowa State University
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Information related to selected categories of income is estimated annually by the Bureau of Economic Analysis of the U.S. Department of Commerce. Four categories are included in this report. Nonfarm earnings include any income from wages, salaries, and self-employment received from other than farming activities. The second category consists of farm earnings, which refer to wages, salaries, and self-employment earnings received in farming activities. Dividends, interest, and rent constitute the third category. The fourth category includes transfer payments, with Social Security and public assistance benefits the two primary components; also included is the imputed value of non-monetary income or benefits such as Medicare, public housing subsidies, and other "in-kind" resources. The sum of the four categories represents total personal income in Iowa and its counties. Because of the inclusion of the value of non-monetary benefits, the income figures from the Bureau of Economic Analysis will generally be higher than figures produced by the U.S. Bureau of the Census which do not include such "in-kind" benefits. In this report, both initial income figures and data adjusted for inflation (using 1999 dollar values) are presented. The adjusted figures indicate whether income trends were keeping pace with the rising prices of goods and services.

Total Personal Income

Total personal income is derived from broad sources: personal employment, which generates personal earnings from farm or nonfarm sources; dividends, interest, and rents received by individuals, (the returns received for investing money, land, and capital in the production process); and transfer payments to individuals, which include payments for which no goods or services are provided in return.

Personal income totaled \$73.5 billion in 1999, up \$2.3 billion from 1998 and \$27.6 billion from 1989 (Table 1). In 1999, income ranged from \$89 million in Adams to \$11.7 billion in Polk. Adams is Iowa's least populous county, while Polk has the highest number of residents; in general, total income tends to follow the ranking on total population. Income increased by 60.1 percent from 1989 to 1999 in Iowa; gains occurred in all counties. Three (Adams, Audubon, Wayne) increased by less than \$30 million; six others (Black Hawk, Johnson, Linn, Polk, Scott, Woodbury) each gained more than \$1 billion from 1989 to 1999.

When inflation is taken into account, however, increases in total personal income show a somewhat different pattern (Table 2). Adjusted income increased between 1989 and 1999 but not annually. The total increase for the period was \$12.4 billion or 20.2 percent. County patterns also differed; 10 counties had lower total personal income in 1999 than in 1989 after inflation was included in the calculations; only in Audubon, Kossuth, Pocahontas were the declines greater than \$10 million. Gains in adjusted income in the remaining 89 counties were greatest in Polk (\$3.0 billion), Linn (\$1.4 billion), Johnson (\$826 million), and Scott (\$662 million); 19 others increased by at least \$100 million from 1989 to 1999 when the adjusted figures were used.

Nonfarm Earnings

Of the four categories summed to yield total personal income, nonfarm earnings constituted by far the largest share (\$46.8 billion or 63.7% of the total in 1999) (Tables 3, 4). Statewide, nonfarm earnings increased from 1989 to 1999; the gain was 69.6 percent during this period. All counties reported increases as well. Nonfarm earnings tend to follow the distribution of population; counties with greater

Table 1. Total Personal Income (in \$1,000s) in Iowa's Counties, 1989-1999.

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Adair	182013	177174	169841	166531	140366	151366	130858	142556	131002	130988	127778
Adams	89247	88634	91882	90222	71692	78715	68195	74578	71052	69507	69474
Allamakee	291038	282242	271523	261351	239721	232394	217678	219828	203033	203285	194554
Appanoose	265564	257304	248705	238813	219932	220143	204287	203057	192698	182469	173293
Audubon	137147	145111	155644	148675	128969	126643	111837	124092	119822	112228	113821
Benton	591519	568248	548599	509804	462014	431387	391131	387181	363167	353822	344689
Black Hawk	2987572	2968600	2840439	2666610	2577822	2467141	2318419	2265855	2131361	2058742	1960884
Boone	666280	651274	629697	598791	552317	540486	488523	490858	460241	438405	429683
Bremer	570643	565304	545495	512850	471783	452996	422600	417063	382019	370254	343330
Buchanan	447911	456902	440737	411943	374878	371789	332853	342685	325955	315212	298536
Buena Vista	458872	452658	460088	439451	394018	382188	340404	349372	329140	321222	319170
Butler	312995	322488	320776	315719	282544	281147	256986	268068	248573	241488	219132
Calhoun	239093	228487	242341	246147	215294	217313	175002	195295	170799	172602	179531
Carroll	526636	529266	523571	493941	445618	431038	401477	414329	370794	350578	354097
Cass	325000	323315	310017	300622	274427	277672	253832	263236	245565	239114	241222
Cedar	440486	435431	422849	404948	360083	352835	318519	322259	303407	301295	287956
Cerro Gordo	1189498	1150874	1099952	1050569	983527	939114	861822	864430	829715	806023	752211
Cherokee	302104	297785	297972	289783	259904	252371	232401	239630	236595	230721	220172
Chickasaw	316050	300856	294210	279439	257990	242506	212701	224153	208063	201603	193566
Clarke	181651	166592	156545	138055	127604	129207	118541	122990	117925	116635	112612
Clay	440763	435172	424918	413100	369667	357247	303317	316733	295227	297222	290491
Clayton	399092	398855	397911	373849	337219	313559	295519	306771	286261	288095	274015
Clinton	1177881	1153164	1112884	1080649	1013368	973125	914453	920736	863043	834415	803390
Crawford	336516	335485	338431	323641	297484	296988	263890	270114	247573	250744	239641
Dallas	1075415	1005907	931798	863106	776136	716937	651151	626604	577366	548374	524932
Davis	151346	152117	151593	143811	127542	134761	125018	121973	111642	114099	102399
Decatur	136733	131423	133157	122505	110984	117004	107831	109416	104596	102547	102523
Delaware	372980	375022	381080	366599	314544	317588	289326	297106	273305	280267	267316
Des Moines	1059408	1031617	980824	938183	892485	869676	824433	806879	768161	745559	704127
Dickinson	461177	447873	421984	404374	366295	344952	307079	307631	286015	277397	267102
Dubuque	2236743	2188566	2047389	1970729	1910979	1809911	1697009	1652128	1526576	1461922	1402840
Emmet	251756	256252	246232	235376	214948	209995	178303	193806	177583	178039	170555
Fayette	436475	439908	436073	421283	382699	368848	323371	337284	323368	318382	304099
Floyd	362980	359531	354243	337244	311915	305408	284670	298197	286722	281971	255595
Franklin	237132	250996	245870	245101	208818	207613	170086	197272	173496	179064	174214
Fremont	166089	161141	167202	165132	137008	140332	114925	135283	125793	119356	121067
Greene	214718	215549	219086	225794	202397	195573	165452	187661	165413	155848	163330
Grundy	315145	314146	317328	290658	280492	255461	228851	244802	220900	211826	195413
Guthrie	257880	252263	239394	237582	207725	202523	182227	191944	181695	175246	171917
Hamilton	403430	403735	402912	392928	351934	346758	289624	304514	291288	275514	286685
Hancock	263015	258050	262912	258803	228846	226777	190566	210133	185424	199658	192957
Hardin	426436	440778	433858	419934	387711	375734	334799	349150	322461	320348	298313
Harrison	312810	305603	309513	305535	263347	257855	231091	241097	215157	205703	197770
Henry	460003	453454	433028	407707	377526	372697	345730	344901	325578	316645	291308
Howard	227564	225298	214067	200080	181751	177221	149179	159738	150286	147378	140722
Humboldt	243216	244065	250366	249900	222682	210183	178994	195157	170539	173150	180077
Ida	172929	172291	174402	174247	153040	151043	132896	142545	131797	131913	129210
Iowa	440578	416775	406893	359297	319515	326256	300642	304455	270713	252505	242032
Jackson	417674	405056	387408	363941	336856	334824	320662	311736	289317	291017	279724
Jasper	955485	914826	859954	815319	761787	740854	672787	670761	638012	629521	590085

Table 1. Total Personal Income (in \$1,000s) in Iowa's Counties, 1989-1999 (continued).

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Jefferson	383708	389755	379006	341398	310559	308025	277538	281038	262354	258603	244956
Johnson	3054672	2868883	2667455	2524820	2395482	2302208	2123519	1998601	1874365	1778055	1673852
Jones	393879	381521	370284	354837	326519	319795	295582	303678	280209	278954	267822
Keokuk	227178	221545	232279	211673	188632	194704	176874	189847	183274	179253	177267
Kossuth	381975	389288	398227	378854	333698	336994	270509	307387	269695	293088	297810
Lee	877564	860791	827646	807378	753429	731571	680294	676971	637877	619848	595871
Linn	5719088	5395772	4919804	4641047	4417881	4182699	3902221	3723903	3538272	3382970	3229361
Louisa	249661	244668	241878	231402	211408	212354	194548	192151	180609	182591	172524
Lucas	194279	184808	178014	166566	153607	165729	148917	152406	145835	139487	136694
Lyon	234976	236564	246279	246055	209927	205321	180590	192880	182233	174888	174443
Madison	340033	323408	301140	279806	247445	242258	216455	217990	205010	198721	190244
Mahaska	512060	498886	474232	436638	399439	395029	360692	360690	342977	336920	319191
Marion	817324	761400	725181	675498	633806	624920	573509	561070	529414	512694	485704
Marshall	965326	938508	903267	855306	840743	803236	743144	746366	722034	690686	670498
Mills	397640	375620	366083	334387	293130	293026	260378	270335	256608	245283	233457
Mitchell	251313	254828	263238	252586	224453	219840	191962	205653	194123	196367	184350
Monona	211199	202966	208572	200027	169326	178672	156329	166018	142554	142290	144723
Monroe	182298	175840	168095	158897	148473	147956	136219	136531	129667	124662	116625
Montgomery	271713	272055	266606	261170	226777	233371	218094	219119	211197	200713	197426
Muscatine	1078962	1050985	985381	942373	893026	885260	838180	818310	769164	747263	691766
O'Brien	340557	346717	347294	335765	299527	291995	252367	272100	265036	258174	250751
Osceola	155831	151352	158414	155406	134714	134928	106908	119845	117203	111168	105982
Page	391039	375318	371958	362938	325003	319343	292898	302498	286879	276910	267902
Palo Alto	218447	219631	231615	226952	189944	188467	150835	177546	151863	164673	159455
Plymouth	574921	557259	554135	539113	483577	466017	441646	438558	404663	380375	372014
Pocahontas	192242	197272	206096	201022	171678	174353	131748	161245	143571	143475	152547
Polk	11735911	11070169	10244536	9739623	9290329	8763866	8252021	7922486	7395825	7181967	6539905
Pottawattamie	2003975	1917729	1847335	1755725	1627053	1567791	1449161	1436579	1366045	1305372	1245453
Poweshiek	473292	460580	445470	411320	383455	381972	347993	351333	336211	325664	312917
Ringgold	104721	101342	102988	92109	75968	87322	73162	78374	73794	71192	73516
Sac	242500	239855	261140	254201	212149	216471	188927	205426	187854	184580	185660
Scott	4219632	4133867	3874149	3694381	3493787	3305426	3178928	3108351	2964001	2843913	2672232
Shelby	282449	278976	291335	277263	244548	237859	213340	227035	219043	210999	202094
Sioux	712421	705678	707784	672484	595444	567887	531127	529729	482934	465392	442727
Story	2006098	1911328	1813946	1698241	1599844	1527051	1412555	1373102	1310073	1241960	1165064
Tama	384893	379128	372943	345303	331121	332195	295419	297745	285118	281173	268541
Taylor	129071	126370	127477	120590	95619	107640	92433	98999	94755	88834	86848
Union	270701	260552	249023	232000	216442	217946	202029	203040	195380	191437	183403
Van Buren	148630	151251	150309	135597	116494	121317	109439	114998	108038	105382	97336
Wapello	760325	744812	712483	701707	664194	641670	599591	599053	581058	555690	528921
Warren	989488	936340	886060	824941	773096	749644	688721	668048	626683	591144	557410
Washington	490719	485137	489830	453689	409841	403591	371065	372505	347916	334302	318575
Wayne	120178	117986	119064	113299	98699	105653	91892	97774	96090	94236	94161
Webster	953613	913428	890191	867824	822432	787669	711601	727412	686429	651678	632076
Winnebago	264994	264301	250750	246804	230012	229633	193064	208739	189225	201241	199200
Winneshiek	486720	469380	441513	417406	384166	379300	350740	355111	332506	326085	307305
Woodbury	2622784	2541907	2400947	2356591	2198170	2056799	1935958	1917521	1765126	1700680	1595971
Worth	159400	167403	170865	159190	146807	143163	117293	132975	125094	132103	121860
Wright	337435	337987	341751	333560	290850	272795	230510	253933	226470	229497	243534

State of Iowa 73452523 71104609 67937661 64696433 60170926 57998885 53390872 53161046 49848587 48312550 45887504

Table 2. Adjusted Total Personal Income (1999 dollars in \$1,000s) in Iowa's Counties, 1989-1999.

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Adair	182013	181123	175957	176361	152984	169650	150374	168434	159273	165677	170114
Adams	89247	90609	95191	95548	78136	88223	78365	88116	86385	87914	92492
Allamakee	291038	288533	281301	276778	261270	260466	250142	259734	246848	257121	259015
Appanoose	265564	263039	257661	252910	239702	246735	234754	239918	234283	230792	230709
Audubon	137147	148345	161249	157451	140562	141941	128516	146619	145680	141949	151533
Benton	591519	580913	568355	539897	503545	483496	449463	457466	441540	447524	458893
Black Hawk	2987572	3034763	2942726	2824016	2809543	2765154	2664182	2677178	2591317	2603955	2610574
Boone	666280	665789	652373	634137	601965	605773	561380	579964	559563	554507	572048
Bremer	570643	577903	565139	543123	514192	507715	485625	492773	464460	468308	457084
Buchanan	447911	467085	456608	436259	408576	416699	382494	404893	396297	398689	397449
Buena Vista	458872	462747	476656	465391	429436	428354	391171	412794	400170	406291	424919
Butler	312995	329675	332327	334355	307942	315108	295312	316731	302216	305441	291736
Calhoun	239093	233579	251068	260677	234647	243563	201101	230747	207658	218312	239014
Carroll	526636	541062	542425	523098	485675	483104	461352	489543	450813	443421	471418
Cass	325000	330521	321181	318367	299095	311213	291688	311021	298559	302438	321145
Cedar	440486	445136	438076	428851	392451	395455	366022	380759	368883	381086	383363
Cerro Gordo	1189498	1176524	1139562	1112583	1071936	1052552	990352	1021351	1008771	1019481	1001438
Cherokee	302104	304422	308702	306888	283267	282856	267061	283130	287653	291822	293121
Chickasaw	316050	307561	304805	295934	281181	271799	244423	264844	252964	254993	257699
Clarke	181651	170305	162182	146204	139074	144814	136220	145316	143374	147523	149923
Clay	440763	444871	440220	437485	402896	400400	348553	374230	358938	375935	386738
Clayton	399092	407745	412240	395917	367532	351435	339592	362459	348037	364391	364803
Clinton	1177881	1178865	1152960	1144438	1104460	1090672	1050832	1087878	1049291	1055392	1069573
Crawford	336516	342962	350618	342745	324225	332862	303246	319148	301000	317148	319040
Dallas	1075415	1028326	965353	914054	845903	803538	748262	740352	701964	693599	698855
Davis	151346	155507	157052	152300	139007	151039	143663	144115	135735	144316	136326
Decatur	136733	134352	137952	129736	120960	131137	123913	129278	127168	129704	136491
Delaware	372980	383380	394803	388239	342818	355950	332475	351040	332285	354490	355885
Des Moines	1059408	1054609	1016145	993563	972711	974727	947387	953353	933933	943004	937422
Dickinson	461177	457855	437180	428244	399221	386620	352876	363476	347738	350860	355600
Dubuque	2236743	2237344	2121118	2087058	2082757	2028536	1950096	1952040	1856017	1849080	1867636
Emmet	251756	261963	255099	249270	234270	235361	204895	228988	215906	225189	227064
Fayette	436475	449713	451776	446151	417100	413402	371598	398511	393152	402699	404855
Floyd	362980	367544	367000	357151	339953	342299	327125	352329	348598	356645	340280
Franklin	237132	256590	254724	259569	227589	232691	195452	233083	210937	226485	231936
Fremont	166089	164732	173223	174879	149324	157283	132065	159841	152940	150965	161180
Greene	214718	220353	226976	239122	220590	219197	190127	221727	201110	197121	217445
Grundy	315145	321148	328755	307815	305705	286319	262981	289241	268571	267924	260158
Guthrie	257880	257885	248015	251606	226397	226986	209404	226788	220905	221656	228877
Hamilton	403430	412733	417421	416122	383569	388644	332818	359793	354149	348478	381671
Hancock	263015	263801	272380	274080	249417	254170	218987	248279	225439	252533	256889
Hardin	426436	450602	449482	444722	422562	421120	384730	412532	392049	405185	397152
Harrison	312810	312414	320659	323570	287019	289002	265555	284864	261589	260179	263296
Henry	460003	463560	448622	431773	411462	417716	397291	407511	395839	400502	387826
Howard	227564	230319	221776	211890	198089	198628	171427	188735	182718	186408	187347
Humboldt	243216	249505	259382	264651	242699	235572	205689	230584	207342	219005	239741
Ida	172929	176131	180682	184533	166797	169288	152716	168421	160239	166847	172021
Iowa	440578	426064	421546	380506	348236	365665	345479	359723	329134	319375	322223
Jackson	417674	414084	401359	385424	367136	375268	368485	368326	351753	368087	372404
Jasper	955485	935215	890922	863446	830264	830344	773125	792525	775698	796236	785595

Table 2. Adjusted Total Personal Income (1999 dollars in \$1,000s) in Iowa's Counties, 1989-1999 (continued).

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Jefferson	383708	398442	392654	361550	338475	345232	318929	332055	318971	327088	326116
Johnson	3054672	2932824	2763513	2673856	2610812	2580299	2440215	2361409	2278860	2248934	2228442
Jones	393879	390024	383618	375783	355870	358424	339664	358805	340679	352829	356558
Keokuk	227178	226483	240644	224168	205588	218223	203253	224310	222825	226724	236000
Kossuth	381975	397964	412568	401217	363694	377701	310852	363187	327896	370706	396482
Lee	877564	879976	857450	855036	821155	819940	781751	799862	775533	784001	793298
Linn	5719088	5516031	5096971	4915001	4815005	4687940	4484188	4399907	4301845	4278876	4299330
Louisa	249661	250121	250588	245061	230411	238005	223562	227032	219585	230946	229686
Lucas	194279	188927	184424	176398	167415	185748	171126	180072	177307	176427	181984
Lyon	234976	241836	255148	260579	228797	230122	207523	227894	221560	221203	232240
Madison	340033	330616	311984	296323	269688	271521	248737	257562	249252	251348	253277
Mahaska	512060	510005	491310	462412	435345	442746	414485	426166	416993	426146	424947
Marion	817324	778370	751296	715372	690779	700406	659041	662922	643664	648470	646630
Marshall	965326	959425	935795	905793	916318	900261	853975	881855	877852	873599	892651
Mills	397640	383992	379266	354125	319480	328421	299210	319409	311985	310241	310807
Mitchell	251313	260508	272717	267496	244629	246395	220591	242985	236016	248371	245430
Monona	211199	207490	216083	211834	184547	200254	179643	196155	173318	179972	192673
Monroe	182298	179759	174148	168276	161819	165828	156534	161316	157650	157676	155266
Montgomery	271713	278118	276207	276586	247162	261561	250620	258896	256774	253867	262838
Muscatine	1078962	1074409	1020866	998000	973300	992193	963184	966859	935153	945159	920966
O'Brien	340557	354445	359800	355585	326452	327266	290004	321495	322232	326546	333831
Osceola	155831	154725	164119	164579	146823	151226	122852	141601	142496	140608	141097
Page	391039	383683	385353	384362	354218	357917	336580	357411	348789	350244	356665
Palo Alto	218447	224526	239956	240349	207018	211232	173330	209776	184636	208283	212286
Plymouth	574921	569679	574090	570936	527046	522309	507512	518170	491991	481109	495272
Pocahontas	192242	201669	213518	212888	187110	195414	151397	190516	174554	181471	203090
Polk	11735911	11316897	10613453	10314539	10125438	9822480	9482705	9360663	8991873	9083955	8706741
Pottawattamie	2003975	1960471	1913860	1859363	1773309	1757169	1665285	1697363	1660843	1651071	1658103
Poweshiek	473292	470845	461512	435600	417924	428112	399892	415111	408767	411909	416594
Ringgold	104721	103601	106697	97546	82797	97870	84073	92601	89719	90046	97874
Sac	242500	245201	270544	269206	231219	242619	217103	242717	228394	233462	247174
Scott	4219632	4226001	4013661	3912455	3807844	3704698	3653025	3672613	3603644	3597062	3557610
Shelby	282449	285194	301826	293629	266530	266591	245157	268249	266313	266878	269053
Sioux	712421	721406	733272	712180	648969	636484	610338	625891	587153	588641	589414
Story	2006098	1953927	1879268	1798486	1743654	1711508	1623220	1622363	1592792	1570866	1551079
Tama	384893	387578	386373	365686	360886	372322	339477	351795	346648	355636	357515
Taylor	129071	129186	132068	127708	104214	120642	106218	116970	115204	112360	115623
Union	270701	266359	257991	245695	235898	244272	232159	239898	237544	242135	244169
Van Buren	148630	154622	155722	143601	126966	135971	125760	135874	131353	133290	129586
Wapello	760325	761412	738140	743128	723899	719179	689012	707800	706453	702852	704166
Warren	989488	957209	917968	873636	842590	840196	791435	789319	761924	747696	742094
Washington	490719	495950	507469	480470	446682	452342	426405	440126	422998	422835	424127
Wayne	120178	120616	123352	119987	107571	118415	105597	115523	116827	119192	125359
Webster	953613	933786	922248	919050	896361	882814	817727	859460	834563	824261	841499
Winnebago	264994	270192	259780	261372	250688	257371	221857	246632	230061	254535	265200
Winneshiek	486720	479841	457412	442045	418699	425117	403048	419575	404262	412442	409123
Woodbury	2622784	2598560	2487408	2495697	2395764	2305246	2224682	2265610	2146047	2151068	2124757
Worth	159400	171134	177018	168587	160004	160456	134786	157114	152090	167088	162235
Wright	337435	345520	354058	353250	316995	305747	264888	300030	275343	290274	324223

State of Iowa 73452523 72689363 70384170 68515369 65579700 65004744 61353444 62811423 60606109 61107081 61091195

Table 3. Personal Income (in \$1,000s) (unadjusted and adjusted to 1999 dollars) from Selected Categories in Iowa's Counties, 1989, 1994, and 1999.

County	Nonfarm Earnings					Farm Earnings					Dividends, Interest, and Rent					Transfer Payments				
	Unadjusted			Adjusted		Unadjusted			Adjusted		Unadjusted			Adjusted		Unadjusted			Adjusted	
	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989
Adair	96031	71615	54786	80266	72938	6912	17856	17156	20013	22840	48681	36292	37450	40676	49858	30389	25603	18386	28696	24478
Adams	45902	37568	30196	42106	40201	938	10669	10814	11958	14397	22485	15029	16850	16844	22433	19922	15449	11614	17315	15462
Allamakee	153889	120525	91821	135084	122244	15366	20802	23416	23315	31174	71681	50918	49179	57069	65473	50102	40149	30138	44999	40123
Appanoose	142308	115000	85761	128891	114176	1308	6372	3508	7142	4670	60288	45400	42961	50884	57195	61660	53371	41063	59818	54668
Audubon	65175	54320	43123	60881	57411	1184	18603	20742	20850	27614	43146	29531	31331	33098	41712	27642	24189	18625	27111	24796
Benton	381295	265142	195923	297169	260837	4980	23497	28564	26335	38028	127418	78566	74835	88056	99630	77826	64182	45367	71935	60398
Black Hawk	1883108	1591294	1244357	1783511	1656644	13401	29714	14636	33303	19485	618048	440784	412189	494028	548758	473015	405349	289702	454312	385688
Boone	391075	296612	228614	332441	304360	4151	22958	23392	25731	31142	152588	97877	91431	109700	121724	118466	123039	86246	137901	114821
Bremer	338696	274716	199871	307900	266093	23262	25280	10631	28334	14153	127842	91189	87604	102204	116629	80843	61811	45224	69277	60208
Buchanan	266598	211347	159179	236876	211919	9187	24950	21387	27964	28473	104765	77130	73104	86447	97325	67361	58362	44866	65412	59731
Buena Vista	251382	195384	157552	218985	209753	25649	44671	33512	50067	44615	109343	79577	81901	89189	109037	72498	62556	46205	70112	61514
Butler	166962	140771	111860	157775	148922	14110	26448	13145	29643	17500	73087	61640	56982	69086	75862	58836	52288	37145	58604	49452
Calhoun	108996	90514	74390	101447	99037	14066	36846	26019	41297	34640	65695	47152	48327	52848	64339	50336	42801	30795	47971	40998
Carroll	302962	221724	165642	248507	220523	5809	41799	44757	46848	59586	137944	101860	95960	114164	127754	79921	65655	47738	73586	63555
Cass	173576	133760	111005	149917	147784	4863	19260	20180	21586	26866	84137	71283	72027	79893	95891	62424	53369	38010	59816	50604
Cedar	252585	197290	155254	221121	206694	10486	23036	26198	25819	34878	121409	85373	73638	95685	98036	56006	47136	32866	52830	43755
Cerro Gordo	717755	557621	448218	624978	596724	18228	32582	11804	36518	15715	268047	188961	178785	211786	238021	185468	159950	113404	179271	150978
Cherokee	154462	125020	99455	140122	132407	15728	25576	32215	28665	42889	80368	56859	55033	63727	73267	51546	44916	33469	50342	44558
Chickasaw	178997	130981	103832	146803	138234	22039	25199	13557	28243	18049	68081	47028	48056	52709	63978	46933	39298	28121	44045	37438
Clarke	108629	70085	63901	78551	85073	6991	9227	4393	10342	5849	33929	23471	25947	26306	34544	32102	26424	18371	29616	24458
Clay	261709	200073	157761	224240	210031	14592	34101	26102	38220	34750	103967	70782	68096	79332	90658	60495	52291	38532	58607	51299
Clayton	208249	151344	118771	169625	158123	15082	29321	42659	32863	56793	105757	77149	70255	86468	93532	70004	55745	42330	62479	56355
Clinton	725645	598591	479672	670897	638599	21849	32476	32379	36399	43107	233420	173856	168271	194857	224023	196967	168202	123068	188520	163844
Crawford	193405	152228	120115	170616	159912	4881	22510	22152	25229	29492	77639	67960	59884	76169	79725	60591	54290	37490	60848	49911
Dallas	762795	485942	337190	544640	448910	19260	26562	24509	29771	32629	192761	121099	101960	135727	135742	100599	83334	61273	93400	81574
Davis	89555	75422	56369	84532	75045	-342	5396	3120	6048	4154	31673	29116	23908	32633	31829	30460	24827	19002	27826	25298
Decatur	71308	58047	52181	65059	69470	3431	9161	6509	10268	8666	28841	20710	22902	23212	30490	33153	29086	20931	32599	27866
Delaware	216996	168741	130227	189124	173375	16092	38460	42728	43106	56885	85253	67531	63105	75688	84013	54639	42856	31256	48033	41612
Des Moines	656928	551526	440742	618146	586771	3964	14729	9655	16508	12854	230556	162543	150744	182177	200689	167960	140878	102986	157895	137108
Dickinson	264838	189806	131679	212733	175308	4894	15774	18281	17679	24338	128859	88477	81493	99164	108494	62586	50895	35649	57043	47460
Dubuque	1355096	1156469	848925	1296162	1130195	23204	38069	44880	42667	59750	558505	372216	331695	417177	441594	299938	243157	177340	272529	236097
Emmet	137411	105005	81478	117689	108474	11979	25679	18558	28781	24707	54484	38763	39521	43445	52615	47882	40548	30998	45446	41268
Fayette	225871	182509	140642	204555	187240	27697	40164	36797	45016	48989	99362	75296	74829	84391	99622	83545	70879	51831	79441	69004

Table 3. Personal Income (in \$1,000s) (unadjusted and adjusted to 1999 dollars) from Selected Categories in Iowa's Counties, 1989, 1994, and 1999 (continued).

County	Nonfarm Earnings					Farm Earnings					Dividends, Interest, and Rent					Transfer Payments				
	Unadjusted			Adjusted		Unadjusted			Adjusted		Unadjusted			Adjusted		Unadjusted			Adjusted	
	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989
Floyd	187903	150054	131565	168179	175156	6018	20440	8675	22909	11549	95959	73429	72700	82299	96787	73100	61485	42655	68912	56788
Franklin	123425	98976	76318	110932	101604	5809	27251	25686	30543	34196	65594	45684	46187	51202	61490	42304	35702	26023	40015	34645
Fremont	77928	64224	54470	71982	72517	5476	14975	11929	16784	15881	48988	30418	32548	34092	43332	33697	30715	22120	34425	29449
Greene	104067	81607	63693	91465	84796	6493	29343	26457	32887	35223	62890	49108	47420	55040	63131	41268	35515	25760	39805	34295
Grundy	166153	137367	100917	153960	134353	26579	31364	14902	35153	19839	79244	52795	52641	59172	70082	43169	33935	26953	38034	35883
Guthrie	146312	105632	81227	118392	108140	5365	17448	21108	19556	28102	60495	41056	40969	46015	54543	45708	38387	28613	43024	38093
Hamilton	234133	184453	145901	206734	194242	14031	41186	36881	46161	49101	98411	67633	66477	75803	88503	56855	53486	37426	59947	49826
Hancock	149351	119370	98048	133789	130534	10732	23768	17724	26639	23596	60681	47798	51184	53572	68143	42251	35841	26001	40170	34616
Hardin	229276	185033	140841	207384	187505	18605	39449	20994	44214	27950	100085	83234	86650	93288	115359	78470	68018	49828	76234	66337
Harrison	188821	140414	105413	157375	140339	3335	20669	6115	23166	8141	58342	44396	48051	49759	63972	62312	52376	38191	58703	50845
Henry	301347	235737	176530	264212	235019	-697	14515	6827	16268	9089	95753	68643	66746	76935	88861	63600	53802	41205	60301	54857
Howard	116332	86892	59192	97388	78804	11857	17475	18502	19586	24632	62034	39570	40376	44350	53754	37341	33284	22652	37304	30157
Humboldt	131364	101607	77559	113880	103256	7979	23827	26898	26705	35810	61930	46691	48914	52331	65120	41943	38058	26706	42655	35554
Ida	91701	75927	57826	85098	76985	7883	19132	20571	21443	27387	43801	32060	32427	35933	43171	29544	23924	18386	26814	24478
Iowa	289327	194333	134179	217807	178636	8671	23992	19129	26890	25467	93614	66928	58148	75012	77414	48966	41003	30576	45956	40707
Jackson	234516	194125	149919	217574	199591	6626	7628	15361	8549	20450	99709	72856	70697	81656	94121	76823	60215	43747	67489	58241
Jasper	604122	457980	356993	513301	475274	25124	32469	27014	36391	35964	198289	145365	132238	162924	176052	127950	105040	73840	117728	98305
Jefferson	228934	181139	143084	203019	190491	1704	16963	11183	19012	14888	102153	67738	59892	75920	79736	50917	42185	30797	47281	41001
Johnson	2223976	1673281	1213055	1875402	1614971	6753	20430	22341	22898	29743	606396	441664	325461	495014	433294	217547	166833	112995	186985	150433
Jones	227337	178978	137771	200597	183418	14772	23234	20040	26041	26680	87976	67523	72508	75679	96532	63794	50060	37503	56107	49929
Keokuk	114658	88074	72836	98713	96968	4303	20152	23262	22586	30969	61952	46354	49790	51953	66287	46265	40124	31379	44971	41776
Kossuth	197918	154833	133375	173536	177566	15540	50640	46809	56757	62318	102452	75887	77036	85054	102560	66065	55634	40590	62354	54038
Lee	527044	439533	357170	492626	475509	563	15330	5897	17182	7851	197571	146903	136702	164648	181995	152386	129805	96102	145485	127943
Linn	4036523	2953232	2216429	3309962	2950788	10846	20402	22245	22866	29615	1100872	754693	671204	845855	893591	570847	454372	319483	509257	425336
Louisa	153016	129084	105386	144676	140303	9548	21646	9754	24261	12986	48638	31186	33660	34953	44812	38459	30438	23724	34115	31584
Lucas	105145	88354	75285	99027	100229	1803	4490	2560	5032	3408	47829	39851	34329	44665	45703	39502	33034	24520	37024	32644
Lyon	116961	95333	71462	106849	95139	21730	38240	35888	42859	47779	57683	40175	43804	45028	58317	38602	31573	23289	35387	31005
Madison	232870	158774	112514	177953	149793	-843	6304	12052	7065	16045	62170	40165	39228	45017	52225	45836	37015	26450	41486	35214
Mahaska	310405	221159	168649	247873	224527	8060	29307	27594	32847	36737	115491	76805	73660	86083	98065	78104	67758	49288	75943	65618
Marion	539141	390602	299105	437784	398206	2364	15285	12968	17131	17265	172482	134413	113485	150649	151085	103337	84620	60146	94842	80074
Marshall	581825	497732	394000	557855	524542	11315	24172	26045	27092	34674	215219	155343	160350	174107	213478	156967	125989	90103	141208	119956
Mills	240680	159836	125487	179143	167064	1450	11818	7861	13246	10466	55477	37765	35828	42327	47699	100033	83607	64281	93706	85579
Mitchell	124675	103527	79028	116032	105212	18323	29948	27447	33566	36541	67028	52559	51705	58908	68836	41287	33806	26170	37890	34841

Table 3. Personal Income (in \$1,000s) (unadjusted and adjusted to 1999 dollars) from Selected Categories in Iowa's Counties, 1989, 1994, and 1999 (continued).

County	Nonfarm Earnings					Farm Earnings					Dividends, Interest, and Rent					Transfer Payments				
	Unadjusted			Adjusted		Unadjusted			Adjusted		Unadjusted			Adjusted		Unadjusted			Adjusted	
	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989	1999	1994	1989	1994	1989
Monona	102987	84826	62145	95072	82735	10548	20330	15878	22786	21139	49731	33319	37562	37344	50007	47933	40197	29138	45053	38792
Monroe	106100	84172	65102	94339	86672	896	4366	2366	4893	3150	39197	28632	26214	32091	34899	36105	30786	22943	34505	30545
Montgomery	143210	123279	97128	138170	129309	6784	15883	15260	17802	20316	68318	50172	52798	56232	70291	53401	44037	32240	49356	42922
Muscatine	696187	558739	437355	626231	582262	5802	19347	13268	21684	17664	247666	201095	162569	225386	216432	129307	106079	78574	118893	104608
O'Brien	170246	138348	106790	155059	142172	17285	35478	44321	39763	59006	91137	68214	63036	76454	83921	61889	49955	36604	55989	48732
Osceola	75105	56833	41837	63698	55699	24781	28748	18879	32221	25134	32768	28517	29230	31962	38915	23177	20830	16036	23346	21349
Page	225262	174167	130237	195205	173388	3610	13704	20096	15359	26754	89613	72525	72829	81286	96959	72554	58947	44740	66067	59563
Palo Alto	111034	82078	67132	91992	89375	17603	32213	23796	36104	31680	48255	37747	41395	42307	55110	41555	36429	27132	40829	36122
Plymouth	328671	258144	183554	289326	244370	38270	50824	48341	56963	64358	131859	94221	94344	105602	125603	76121	62828	45775	70417	60941
Pocahontas	84965	73201	63461	82043	84487	22921	32485	25344	36409	33741	46686	36026	39784	40378	52965	37670	32641	23958	36584	31896
Polk	8403997	6296465	4611304	7057034	6139146	11291	19342	16880	21678	22473	2217283	1534987	1272278	1720403	1693816	1103340	913072	639443	1023365	851307
Pottawattamie	1361920	1020926	838738	1144247	1116633	1449	31496	15758	35300	20979	329363	251504	204722	281884	272552	311243	263865	186235	295738	247939
Poweshiek	284526	224893	179365	252058	238793	14450	21761	19204	24390	25567	108630	80650	74862	90392	99666	65686	54668	39486	61272	52569
Ringgold	49790	38116	30815	42720	41025	4685	10176	10374	11405	13811	25944	19288	18959	21618	25241	24302	19742	13368	22127	17797
Sac	116039	89336	68901	100127	91730	12308	34341	29936	38489	39855	68414	51115	54465	57289	72511	45739	41679	32358	46714	43079
Scott	2821298	2251763	1823463	2523760	2427622	8395	20346	23163	22804	30837	896854	616975	530828	691501	706705	493085	416342	294778	466633	392445
Shelby	142571	110353	87688	123683	116741	10324	27758	25111	31111	33431	76689	56891	59269	63763	78906	52865	42857	30026	48034	39974
Sioux	394816	299745	212991	335952	283560	53628	77462	79182	86819	105417	172847	117218	97325	131377	129571	91130	73462	53229	82336	70865
Story	1382448	1042377	791382	1168289	1053587	14526	28478	28955	31918	38549	417422	304264	235523	341017	313558	191702	151932	109204	170284	145386
Tama	219557	182641	140765	204703	187404	16743	25619	16905	28714	22506	84189	68175	70422	76410	93755	64404	55760	40449	62495	53851
Taylor	60814	46052	34681	51615	46172	8760	14740	8644	16520	11508	30859	21997	24930	24654	33190	28638	24851	18593	27853	24753
Union	158913	120591	97576	135158	129905	4849	8987	5954	10073	7927	57357	46458	46108	52070	61385	49582	41910	33765	46972	44952
Van Buren	86658	63612	49271	71296	65596	-750	8332	5093	9338	6780	31626	23640	23291	26496	31008	31096	25733	19681	28841	26202
Wapello	448032	387443	313592	434243	417493	598	11362	7461	12734	9933	149329	107450	105841	120429	140909	162366	135415	102027	151772	135831
Warren	739104	548182	404742	614399	538843	1935	9305	7410	10429	9865	140849	110292	89259	123615	118833	107600	81865	55999	91754	74553
Washington	280535	218126	165670	244474	220561	12880	33564	26218	37618	34905	122040	89517	81735	100330	108816	75264	62384	44952	69920	59846
Wayne	55521	47817	40484	53593	53897	3929	7664	5551	8590	7390	30098	22682	27348	25422	36409	30630	27490	20778	30811	27662
Webster	572212	446941	340661	500928	453531	4316	37453	41588	41977	55367	213058	159575	145165	178851	193262	164027	143700	104662	161058	139339
Winnebago	159979	126568	104127	141857	138627	5494	20982	15306	23516	20377	58622	45638	52924	51151	70459	40899	36445	26843	40847	35737
Winneshiek	295684	219596	160183	246122	213256	20472	27887	34740	31256	46250	107702	80532	74352	90260	98987	62862	51285	38030	57480	50630
Woodbury	1750606	1368540	1028647	1533850	1369464	9120	17514	26712	19630	35562	513333	361520	307304	405189	409122	349725	309225	233308	346577	310609
Worth	82218	67363	55645	75500	74082	11234	21544	17159	24146	22844	38511	29244	29824	32776	39705	27437	25012	19232	28033	25604
Wright	162759	130875	106203	146684	141391	13559	30903	32094	34636	42728	97068	59925	67282	67164	89574	64049	51092	37955	57264	50530
State of Iowa	36086302	40445274	2371433	2657885	11218111	12573180	8323039	9328404	46761139	27577354	36714429	1076053	2094021	2787823	15670584	10197045	13575584	9944747	6019084	8013359

numbers of residents generally have higher nonfarm earnings. Polk's nonfarm earnings of \$8.4 billion was more than twice that of Linn's \$4.0 billion; Black Hawk, Dubuque, Johnson, Pottawattamie, Scott, Story, and Woodbury also reported earnings in this category of at least \$1 billion in 1999. Adams and Ringgold were the only counties with nonfarm earnings of less than \$50 million in 1999, although another 12 were under \$100 million that year.

The state had an inflation-adjusted increase in nonfarm earnings of \$10.0 billion (27.4%) from 1989 to 1999; changes in nonfarm earnings exceeded the rate of inflation in all counties, although the increase was less than \$10 million in 10 counties. Polk's increase of \$2.3 billion was followed by a \$1.1 billion gain in Linn. Seventeen others reported at least \$100 million more in adjusted nonfarm earnings in 1999 than in 1989. Inflation-adjusted gains in nonfarm earnings across counties ranged from less than 5 percent in four counties (Decatur, Lucas, Pocahontas, Wayne) to more than 50 percent in four others (Dallas, Dickinson, Iowa, Madison) when 1989 and 1999 were compared.

In 1989, nonfarm earnings accounted for 60.1 percent of total personal income in Iowa. This percentage increased somewhat between that year and 1999, when the figure was 63.7 percent (Table 4, Figure 1). Substantial differences occurred across counties, however. In 1999, for example, more than 70.0 percent of total income was derived from nonfarm earnings in Dallas, Johnson, Linn, Polk, and Warren counties, while this source of income accounted for less than half of the total in 14 counties. Ten years earlier, nonfarm earnings accounted for more than 70.0 percent of total income in three counties but was less than half of the total in 43 others. Overall, nonfarm earnings were a larger portion of total earnings in 1999 than in 1989 in 94 counties.

Farm Earnings

Iowa's farm earnings totaled \$1.1 billion in 1999 (Table 3). Farm earnings were substantially greater in 1994 and 1989; this category has greater variance from year to year than the other three.

Farm earnings were negative in Davis, Henry, Madison, and Van Buren in 1999 (earnings can be negative because losses can exceed gains in a particular year). That didn't occur in any county in the other years reported in Table 3. Earnings of at least \$25 million occurred in Buena Vista, Fayette, Grundy, Jasper, Plymouth, and Sioux, with the \$53.6 million in Sioux substantially higher than the others. Inflation-adjusted farm earnings also showed significant year-to-year variations.

Farm earnings constituted a relatively small percentage of Iowa's total personal income (Table 4, Figure 1). In 1999, farm earnings accounted for 1.5 percent of total income in the state. Earnings from farms were at least 5 percent of total income in 20 counties that year, although they constituted 10 percent or more of the total only in Osceola and Pocahontas.

Dividends, Interest, and Rent

Income from dividends, interest, and rent grew moderately from 1989 to 1994 and more robustly from 1994 to 1999; they totaled nearly \$15.7 billion in the most recent year reported (Table 3). Over the period, income from this source increased by \$5.5 billion. In 1999, dividends, interest, and rent provided income of \$2.2 billion in Polk, \$1.1 billion in Linn, and \$500 million to \$1 billion in Black Hawk, Dubuque, Johnson, Scott, and Woodbury. After adjustments were made for inflation, income from dividends, interest, and rent was \$2.1 billion dollars higher in 1999 than 10 years earlier.

The percentage that income from this source constituted of total personal income declined from 22.2 percent in 1989 to 19.3 percent in 1994, although it increased to 1999 when it was 21.3 percent (Table 4). Again, differences occurred across counties. In 1999, dividends, interest, and rent accounted for at least 25.0 percent of total personal income (or \$1 of every \$4) in 29 counties but less than 20.0 percent (or \$1 of every \$5) in 14 others.

Table 4. Percent of Total Personal Income from Selected Categories in Iowa's Counties, 1989, 1994, and 1999.

County	Nonfarm Earnings			Farm Earnings			Dividends, Interest, and Rent			Transfer Payments		
	1999	1994	1989	1999	1994	1989	1999	1994	1989	1999	1994	1989
Adair	52.8	47.3	42.9	3.8	11.8	13.4	26.7	24.0	29.3	16.7	16.9	14.4
Adams	51.4	47.7	43.5	1.1	13.6	15.6	25.2	19.1	24.3	22.3	19.6	16.7
Allamakee	52.9	51.9	47.2	5.3	9.0	12.0	24.6	21.9	25.3	17.2	17.3	15.5
Appanoose	53.6	52.2	49.5	0.5	2.9	2.0	22.7	20.6	24.8	23.2	24.2	23.7
Audubon	47.5	42.9	37.9	0.9	14.7	18.2	31.5	23.3	27.5	20.2	19.1	16.4
Benton	64.5	61.5	56.8	0.8	5.4	8.3	21.5	18.2	21.7	13.2	14.9	13.2
Black Hawk	63.0	64.5	63.5	0.4	1.2	0.7	20.7	17.9	21.0	15.8	16.4	14.8
Boone	58.7	54.9	53.2	0.6	4.2	5.4	22.9	18.1	21.3	17.8	22.8	20.1
Bremer	59.4	60.6	58.2	4.1	5.6	3.1	22.4	20.1	25.5	14.2	13.6	13.2
Buchanan	59.5	56.8	53.3	2.1	6.7	7.2	23.4	20.7	24.5	15.0	15.7	15.0
Buena Vista	54.8	51.1	49.4	5.6	11.7	10.5	23.8	20.8	25.7	15.8	16.4	14.5
Butler	53.3	50.1	51.0	4.5	9.4	6.0	23.4	21.9	26.0	18.8	18.6	17.0
Calhoun	45.6	41.7	41.4	5.9	17.0	14.5	27.5	21.7	26.9	21.1	19.7	17.2
Carroll	57.5	51.4	46.8	1.1	9.7	12.6	26.2	23.6	27.1	15.2	15.2	13.5
Cass	53.4	48.2	46.0	1.5	6.9	8.4	25.9	25.7	29.9	19.2	19.2	15.8
Cedar	57.3	55.9	53.9	2.4	6.5	9.1	27.6	24.2	25.6	12.7	13.4	11.4
Cerro Gordo	60.3	59.4	59.6	1.5	3.5	1.6	22.5	20.1	23.8	15.6	17.0	15.1
Cherokee	51.1	49.5	45.2	5.2	10.1	14.6	26.6	22.5	25.0	17.1	17.8	15.2
Chickasaw	56.6	54.0	53.6	7.0	10.4	7.0	21.5	19.4	24.8	14.8	16.2	14.5
Clarke	59.8	54.2	56.7	3.8	7.1	3.9	18.7	18.2	23.0	17.7	20.5	16.3
Clay	59.4	56.0	54.3	3.3	9.5	9.0	23.6	19.8	23.4	13.7	14.6	13.3
Clayton	52.2	48.3	43.3	3.8	9.4	15.6	26.5	24.6	25.6	17.5	17.8	15.4
Clinton	61.6	61.5	59.7	1.9	3.3	4.0	19.8	17.9	20.9	16.7	17.3	15.3
Crawford	57.5	51.3	50.1	1.5	7.6	9.2	23.1	22.9	25.0	18.0	18.3	15.6
Dallas	70.9	67.8	64.2	1.8	3.7	4.7	17.9	16.9	19.4	9.4	11.6	11.7
Davis	59.2	56.0	55.0	-0.2	4.0	3.0	20.9	21.6	23.3	20.1	18.4	18.6
Decatur	52.2	49.6	50.9	2.5	7.8	6.3	21.1	17.7	22.3	24.2	24.9	20.4
Delaware	58.2	53.1	48.7	4.3	12.1	16.0	22.9	21.3	23.6	14.6	13.5	11.7
Des Moines	62.0	63.4	62.6	0.4	1.7	1.4	21.8	18.7	21.4	15.9	16.2	14.6
Dickinson	57.4	55.0	49.3	1.1	4.6	6.8	27.9	25.6	30.5	13.6	14.8	13.3
Dubuque	60.6	63.9	60.5	1.0	2.1	3.2	25.0	20.6	23.6	13.4	13.4	12.6
Emmet	54.6	50.0	47.8	4.8	12.2	10.9	21.6	18.5	23.2	19.0	19.3	18.2
Fayette	51.7	49.5	46.2	6.3	10.9	12.1	22.8	20.4	24.6	19.1	19.2	17.0
Floyd	51.8	49.1	51.5	1.7	6.7	3.4	26.4	24.0	28.4	20.1	20.1	16.7
Franklin	52.0	47.7	43.8	2.4	13.1	14.7	27.7	22.0	26.5	17.8	17.2	14.9
Fremont	46.9	45.8	45.0	3.3	10.7	9.9	29.5	21.7	26.9	20.3	21.9	18.3
Greene	48.5	41.7	39.0	3.0	15.0	16.2	29.3	25.1	29.0	19.2	18.2	15.8
Grundy	52.7	53.8	51.6	8.4	12.3	7.6	25.1	20.7	26.9	13.7	13.3	13.8
Guthrie	56.7	52.2	47.2	2.1	8.6	12.3	23.5	20.3	23.8	17.7	19.0	16.6
Hamilton	58.0	53.2	50.9	3.5	11.9	12.9	24.4	19.5	23.2	14.1	15.4	13.1
Hancock	56.8	52.6	50.8	4.1	10.5	9.2	23.1	21.1	26.5	16.1	15.8	13.5
Hardin	53.8	49.2	47.2	4.4	10.5	7.0	23.5	22.2	29.0	18.4	18.1	16.7
Harrison	60.4	54.5	53.3	1.1	8.0	3.1	18.7	17.2	24.3	19.9	20.3	19.3
Henry	65.5	63.3	60.6	-0.2	3.9	2.3	20.8	18.4	22.9	13.8	14.4	14.1
Howard	51.1	49.0	42.1	5.2	9.9	13.1	27.3	22.3	28.7	16.4	18.8	16.1
Humboldt	54.0	48.3	43.1	3.3	11.3	14.9	25.5	22.2	27.2	17.2	18.1	14.8
Ida	53.0	50.3	44.8	4.6	12.7	15.9	25.3	21.2	25.1	17.1	15.8	14.2
Iowa	65.7	59.6	55.4	2.0	7.4	7.9	21.2	20.5	24.0	11.1	12.6	12.6
Jackson	56.1	58.0	53.6	1.6	2.3	5.5	23.9	21.8	25.3	18.4	18.0	15.6
Jasper	63.2	61.8	60.5	2.6	4.4	4.6	20.8	19.6	22.4	13.4	14.2	12.5

Table 4. Percent of Total Personal Income from Selected Categories in Iowa's Counties, 1989, 1994, and 1999 (continued).

County	Nonfarm Earnings			Farm Earnings			Dividends, Interest, and Rent			Transfer Payments		
	1999	1994	1989	1999	1994	1989	1999	1994	1989	1999	1994	1989
Jefferson	59.7	58.8	58.4	0.4	5.5	4.6	26.6	22.0	24.5	13.3	13.7	12.6
Johnson	72.8	72.7	72.5	0.2	0.9	1.3	19.9	19.2	19.4	7.1	7.2	6.8
Jones	57.7	56.0	51.4	3.8	7.3	7.5	22.3	21.1	27.1	16.2	15.7	14.0
Keokuk	50.5	45.2	41.1	1.9	10.4	13.1	27.3	23.8	28.1	20.4	20.6	17.7
Kossuth	51.8	45.9	44.8	4.1	15.0	15.7	26.8	22.5	25.9	17.3	16.5	13.6
Lee	60.1	60.1	59.9	0.1	2.1	1.0	22.5	20.1	22.9	17.4	17.7	16.1
Linn	70.6	70.6	68.6	0.2	0.5	0.7	19.2	18.0	20.8	10.0	10.9	9.9
Louisa	61.3	60.8	61.1	3.8	10.2	5.7	19.5	14.7	19.5	15.4	14.3	13.8
Lucas	54.1	53.3	55.1	0.9	2.7	1.9	24.6	24.0	25.1	20.3	19.9	17.9
Lyon	49.8	46.4	41.0	9.2	18.6	20.6	24.5	19.6	25.1	16.4	15.4	13.4
Madison	68.5	65.5	59.1	-0.2	2.6	6.3	18.3	16.6	20.6	13.5	15.3	13.9
Mahaska	60.6	56.0	52.8	1.6	7.4	8.6	22.6	19.4	23.1	15.3	17.2	15.4
Marion	66.0	62.5	61.6	0.3	2.4	2.7	21.1	21.5	23.4	12.6	13.5	12.4
Marshall	60.3	62.0	58.8	1.2	3.0	3.9	22.3	19.3	23.9	16.3	15.7	13.4
Mills	60.5	54.5	53.8	0.4	4.0	3.4	14.0	12.9	15.3	25.2	28.5	27.5
Mitchell	49.6	47.1	42.9	7.3	13.6	14.9	26.7	23.9	28.0	16.4	15.4	14.2
Monona	48.8	47.5	42.9	5.0	11.4	11.0	23.5	18.6	26.0	22.7	22.5	20.1
Monroe	58.2	56.9	55.8	0.5	3.0	2.0	21.5	19.4	22.5	19.8	20.8	19.7
Montgomery	52.7	52.8	49.2	2.5	6.8	7.7	25.1	21.5	26.7	19.7	18.9	16.3
Muscatine	64.5	63.1	63.2	0.5	2.2	1.9	23.0	22.7	23.5	12.0	12.0	11.4
O'Brien	50.0	47.4	42.6	5.1	12.2	17.7	26.8	23.4	25.1	18.2	17.1	14.6
Osceola	48.2	42.1	39.5	15.9	21.3	17.8	21.0	21.1	27.6	14.9	15.4	15.1
Page	57.6	54.5	48.6	0.9	4.3	7.5	22.9	22.7	27.2	18.6	18.5	16.7
Palo Alto	50.8	43.6	42.1	8.1	17.1	14.9	22.1	20.0	26.0	19.0	19.3	17.0
Plymouth	57.2	55.4	49.3	6.7	10.9	13.0	22.9	20.2	25.4	13.2	13.5	12.3
Pocahontas	44.2	42.0	41.6	11.9	18.6	16.6	24.3	20.7	26.1	19.6	18.7	15.7
Polk	71.6	71.8	70.5	0.1	0.2	0.3	18.9	17.5	19.5	9.4	10.4	9.8
Pottawattamie	68.0	65.1	67.3	0.1	2.0	1.3	16.4	16.0	16.4	15.5	16.8	15.0
Poweshiek	60.1	58.9	57.3	3.1	5.7	6.1	23.0	21.1	23.9	13.9	14.3	12.6
Ringgold	47.5	43.6	41.9	4.5	11.7	14.1	24.8	22.1	25.8	23.2	22.6	18.2
Sac	47.9	41.3	37.1	5.1	15.9	16.1	28.2	23.6	29.3	18.9	19.3	17.4
Scott	66.9	68.1	68.2	0.2	0.6	0.9	21.3	18.7	19.9	11.7	12.6	11.0
Shelby	50.5	46.4	43.4	3.7	11.7	12.4	27.2	23.9	29.3	18.7	18.0	14.9
Sioux	55.4	52.8	48.1	7.5	13.6	17.9	24.3	20.6	22.0	12.8	12.9	12.0
Story	68.9	68.3	67.9	0.7	1.9	2.5	20.8	19.9	20.2	9.6	9.9	9.4
Tama	57.0	55.0	52.4	4.4	7.7	6.3	21.9	20.5	26.2	16.7	16.8	15.1
Taylor	47.1	42.8	39.9	6.8	13.7	10.0	23.9	20.4	28.7	22.2	23.1	21.4
Union	58.7	55.3	53.2	1.8	4.1	3.2	21.2	21.3	25.1	18.3	19.2	18.4
Van Buren	58.3	52.4	50.6	-0.5	6.9	5.2	21.3	19.5	23.9	20.9	21.2	20.2
Wapello	58.9	60.4	59.3	0.1	1.8	1.4	19.6	16.7	20.0	21.4	21.1	19.3
Warren	74.7	73.1	72.6	0.2	1.2	1.3	14.2	14.7	16.0	10.9	10.9	10.0
Washington	57.2	54.0	52.0	2.6	8.3	8.2	24.9	22.2	25.7	15.3	15.5	14.1
Wayne	46.2	45.3	43.0	3.3	7.3	5.9	25.0	21.5	29.0	25.5	26.0	22.1
Webster	60.0	56.7	53.9	0.5	4.8	6.6	22.3	20.3	23.0	17.2	18.2	16.6
Winnebago	60.4	55.1	52.3	2.1	9.1	7.7	22.1	19.9	26.6	15.4	15.9	13.5
Winneshiek	60.8	57.9	52.1	4.2	7.4	11.3	22.1	21.2	24.2	12.9	13.5	12.4
Woodbury	66.7	66.5	64.5	0.3	0.9	1.7	19.6	17.6	19.3	13.3	15.0	14.6
Worth	51.6	47.1	45.7	7.0	15.0	14.1	24.2	20.4	24.5	17.2	17.5	15.8
Wright	48.2	48.0	43.6	4.0	11.3	13.2	28.8	22.0	27.6	19.0	18.7	15.6
State of Iowa	63.7	62.2	60.1	1.5	4.1	4.6	21.3	19.3	22.2	13.5	14.4	13.1

Transfer Payments

The final category of income includes transfer payments, which increased from \$6.0 billion in 1989 to \$8.3 billion in 1994 and \$9.9 billion in 1999 (Table 3). Twenty-three counties listed at least \$100 million in transfer payments in 1999, although only Polk reported a total greater than \$1 billion. Adams (\$19.1 million) was the only county with less than \$20 million in transfer payments.

Substantial gains occurred among transfer payments even after controlling for inflation. These adjusted payments increased 24.1 percent from 1989 to 1999. The percentage of total personal income that comes from transfer payments fluctuated from 13.1 to 14.4 across the three years noted; in 1999, it was 13.5 percent (Table 4).

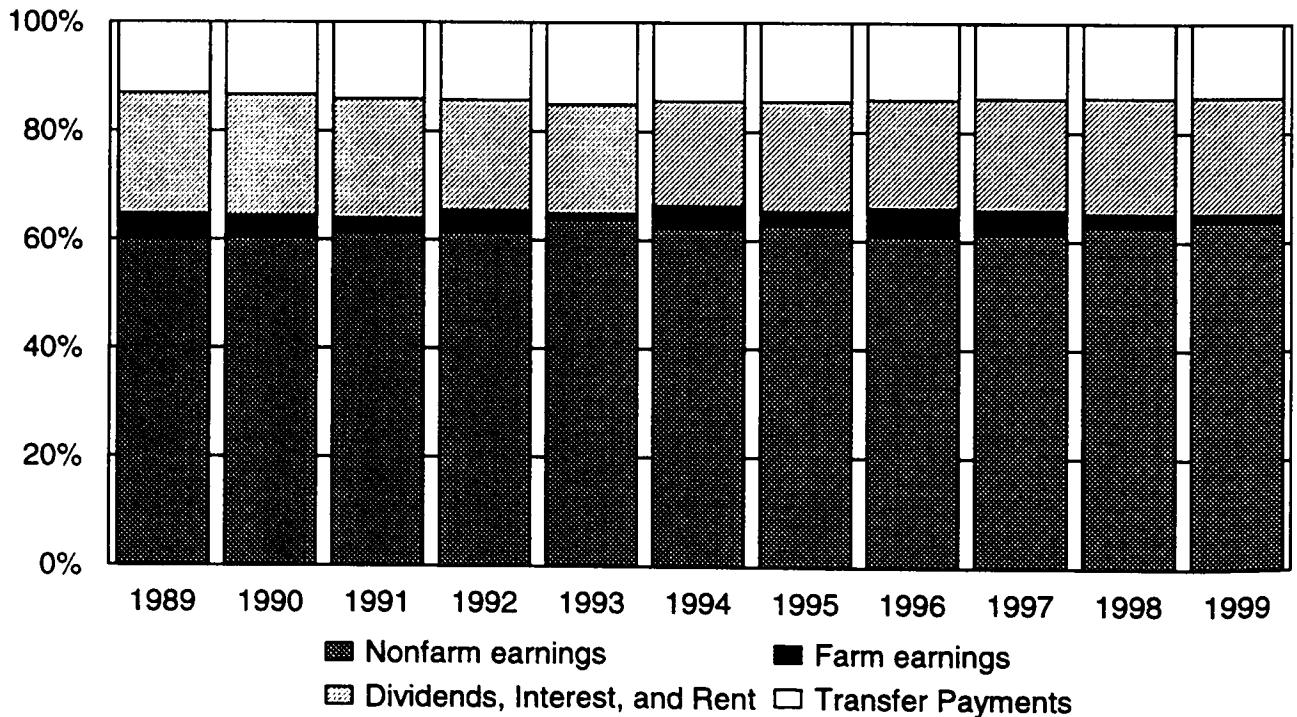
Only in Dallas, Johnson, Polk, and Story did less than 10 percent of total personal income come from transfer payments in 1999. Mills and Wayne were the only counties with at least 25 percent of income generated by this source. Caution is urged in interpreting these and all numbers and percentages in this report, of course; the location of a state institution in Mills could have influenced these results, for example.

Concluding Comments

In 1999, 63.7 percent of total statewide personal income came from nonfarm earnings; 1.5 percent from farm earnings; 21.3 percent from dividends, interest, and rent; and 13.5 percent from transfer payments (Figure 1). The percentages for 1989 were 60.1, 4.6, 22.2, and 13.1, respectively. While nonfarm earnings and transfer payments increased their shares, the percentages of income derived from farm earnings and dividends, interest, and rent declined.

Note: Additional information on transfer payments received by individuals is reported in the next section in this volume ("Government Payments to Individuals in Iowa's Counties: 1989, 1994, 1998, and 1999").

Figure 1. Percent of personal income from selected sources, 1989–1999.



Government Payments to Individuals in Iowa's Counties: 1989, 1994, 1998, and 1999

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The Bureau of Economic Analysis of the U.S. Department of Commerce reports annually on income received from a variety of sources. In this section, detailed information is provided on what usually are referred to as transfer payments. These are government payments to individuals. A major portion of these transfer payments come through Old Age, Survivors, and Disability Insurance (OASDI), or what is more commonly known as Social Security (Table 1). Railroad retirement and disability payments, worker compensation payments (federal and state), and other government disability insurance and retirement payments also are available to selected residents; these are labeled other retirement and disability payments in the table. The Bureau of Economic Analysis reports Medicare as a separate category; public assistance medical care and other medical payments also are reported. Income maintenance benefit payments include supplemental security income payments, aid to families with dependent children, food stamps, and other smaller programs. Unemployment insurance benefit payments include state unemployment insurance compensation and unemployment compensation for federal civilian employees, railroad employees, and veterans. Another general category includes veterans benefit payments, which consists of pensions and compensation payments for veterans, life insurance benefit payments for veterans, and educational assistance to veterans, dependents, and survivors. The final category reported in Table 1 includes transfer payments not noted elsewhere, with nearly all for education and training assistance payments.

Total Transfer Payments

Transfer payments totaled \$9.3 billion in 1999 (Table 1), up from \$9.1 billion in 1998 (Table 2), \$7.8 billion in 1994 (Table 3), and \$5.6 billion in 1989 (Table 4). When inflation was taken into account, however, the increases were less substantial. The increase from 1989 to 1999 in unadjusted dollars was \$3.7 billion; after including inflation, the increase was \$1.9 billion.

Total transfer payments generally were correlated with population size; counties with larger numbers of residents received substantially greater amounts than those with smaller populations. Polk, for example, reported \$1.0 billion in government payments to individuals in 1999, while Adams noted \$19 million; these counties have the highest and lowest populations in the state, respectively. Eighteen other counties had at least \$100 million in transfer payments in 1999, with Black Hawk, Linn, and Scott in the \$400-\$550 million range. Totals in 41 counties including Adams were below \$50 million, although Osceola and Ringgold were the only ones joining Adams with less than \$25 million received through transfer payments in 1999. After adjusting for inflation, all counties received higher transfer payments in 1999 than in 1989. In Boone, Osceola, Sac, and Worth, gains were less than 10 percent; increases exceeded 40 percent in Johnson and Warren.

Retirement and Disability Payments

More than half (50.3%, \$4.7 billion) of total government payments to individuals in Iowa arrived through OASDI (Social Security) alone in 1999 (Table 1). In 1989, 55.1 percent of the total transfer payments came from OASDI (Table 4). Unadjusted OASDI payments increased by \$1.6 billion between 1989 and 1999; after adjusting for inflation, however, the increase was \$573 million.

At least \$100 million in OASDI payments were received in Black Hawk, Dubuque, Linn, Polk, Pottawattamie, Scott, and Woodbury in 1999. On the other hand, 19 counties reported payments of less

Table 1. Government Payments (in \$1,000s) to Individuals in Iowa's Counties, 1999.

County	Total	OASDI*	Other Retirement/ Disability Payments	Medicare	Other Medical Payments	Income Maintenance Benefit Payments	Unemployment Insurance Benefit Payments	Veterans Benefit Payments	Other Payments
Adair	28703	15208	148	5396	4390	2266	558	585	152
Adams	19004	8987	313	3549	4038	1446	244	343	84
Allamakee	47165	25117	368	7749	8199	3146	1257	1061	268
Appanoose	58845	26795	2764	10236	8837	7015	1318	1626	254
Audubon	26221	14626	158	5822	3186	1483	384	433	129
Benton	72447	40797	1189	13910	8317	4688	1539	1519	488
Black Hawk	447912	208178	6570	79769	76899	43782	13438	8186	11090
Boone	112972	46295	4336	15542	38110	4749	1171	2269	500
Bremer	75945	39378	603	19028	8946	3774	2005	976	1235
Buchanan	62939	32944	835	12660	7993	4929	1925	1249	404
Buena Vista	68441	36137	399	12985	10600	3987	960	1073	2300
Butler	55590	30189	398	12178	6938	2896	1881	813	297
Calhoun	47969	25412	429	9025	9096	2410	611	771	215
Carroll	75418	39626	561	13975	14730	3864	1125	1127	410
Cass	59388	30555	393	11738	10006	3905	1199	1315	277
Cedar	52235	30450	428	10323	5102	3305	967	1316	344
Cerro Gordo	175908	91278	3707	31337	28999	10407	3225	3002	3953
Cherokee	48811	27906	846	9492	5961	2629	703	1025	249
Chickasaw	44128	24360	241	9067	5409	2838	1285	675	253
Clarke	30370	14532	345	5592	5692	2547	774	732	156
Clay	56881	32247	314	10221	7238	3664	1134	1214	849
Clayton	66115	33488	823	12200	11608	4359	2041	1243	353
Clinton	186590	89764	5444	35624	31690	15139	4401	3370	1158
Crawford	57157	28948	684	12481	8727	4262	878	863	314
Dallas	92657	50161	2421	18749	11528	4984	1867	2223	724
Davis	28683	12842	533	5296	5570	2714	895	672	161
Decatur	31419	14782	255	4917	5909	3389	611	589	967
Delaware	50773	26322	568	8900	7821	4210	1727	873	352
Des Moines	159192	77879	6027	30374	22552	13521	4158	2857	1824
Dickinson	59184	36315	416	11412	5426	2658	1359	1287	311
Dubuque	281539	144040	2708	56375	41834	18862	6854	6634	4232
Emmet	45651	22006	933	8922	8355	2429	878	941	1187
Fayette	79031	39708	2656	14523	11820	5968	2053	1342	961
Floyd	69699	35285	457	12542	13715	4454	1418	1518	310
Franklin	40048	22362	344	7050	6268	2326	850	643	205
Fremont	32085	16140	409	6151	5615	2632	249	742	147
Greene	39172	22562	445	6704	4939	2883	730	719	190
Grundy	40605	25601	343	8102	3267	1583	842	634	233
Guthrie	43287	24418	523	8436	5769	2667	656	599	219
Hamilton	53528	31029	553	12269	3849	3386	833	1305	304
Hancock	39736	22456	385	7725	5394	2058	487	523	708
Hardin	74665	39921	883	14626	10486	4094	1474	1106	2075
Harrison	59128	26914	2195	12357	10452	4282	796	1841	291
Henry	59395	32283	897	10705	7849	3945	1757	1095	864
Howard	35336	18672	207	6596	5600	2223	662	1194	182
Humboldt	39803	22645	280	8175	5252	2149	509	597	196
Ida	27887	16306	155	5435	3432	1749	332	328	150
Iowa	45696	27600	289	9287	4159	2241	695	1125	300
Jackson	72613	34634	1293	17075	10529	5286	1983	1431	382
Jasper	120311	66728	724	22902	18458	6901	1778	2118	702

*OASDI: Old-Age, Survivors, and Disability Insurance Payments (usually called Social Security)

Table 1. Government Payments (in \$1,000s) to Individuals in Iowa's Counties, 1999 (continued).

County	Total	OASDI*	Other Retirement/ Disability Payments	Medicare	Other Medical Payments	Income Maintenance Benefit Payments	Unemployment Insurance Benefit Payments	Veterans Benefit Payments	Other Payments
Jefferson	47402	23129	324	7966	8659	4364	1739	584	637
Johnson	195894	98964	1720	32748	28091	15255	3790	5137	10189
Jones	59589	33500	359	11276	7832	3710	1443	1088	381
Keokuk	43890	22586	249	8801	6213	3301	1196	1329	215
Kossuth	62377	36893	341	11357	6929	3904	1059	1558	336
Lee	144382	66670	6003	28629	22391	12310	3947	3547	885
Linn	532286	280321	7581	91011	83758	37222	11754	11771	8868
Louisa	35963	18943	415	6732	5224	2939	940	543	227
Lucas	37594	17891	986	6784	6528	3452	626	1153	174
Lyon	36089	20575	170	6909	5065	2116	310	716	228
Madison	42897	21841	347	9015	6668	2455	1355	949	267
Mahaska	73518	37592	854	12323	11395	6536	1273	2099	1446
Marion	96754	51498	1356	17455	12053	6004	1429	4860	2099
Marshall	148864	72120	2334	22212	29435	9803	2229	9010	1721
Mills	96967	21959	1853	9763	57780	3482	433	1418	279
Mitchell	38968	21889	365	8483	4112	1957	995	956	211
Monona	45823	21606	424	10875	7967	3013	766	980	192
Monroe	34430	15372	1076	7178	6250	2429	686	1288	151
Montgomery	50947	24762	642	10985	8912	3360	932	1133	221
Muscatine	120700	63405	1107	20354	19509	10709	2817	2011	788
O'Brien	58823	31844	419	10745	10431	2921	756	1181	526
Osceola	21730	13433	76	4511	1451	1387	356	384	132
Page	68968	34493	361	12482	13883	5315	943	1160	331
Palo Alto	39478	21284	200	7684	6492	2176	579	874	189
Plymouth	70933	41494	647	13945	7054	4123	1525	1107	1038
Pocahontas	35836	19240	195	7582	5021	2144	774	712	168
Polk	1027370	492084	13234	191119	176325	86633	22685	29266	16024
Pottawattamie	293190	127841	24411	56602	43559	25688	2861	8331	3897
Poweshiek	61773	33985	449	11932	8547	3740	1282	1058	780
Ringgold	23182	10677	259	3955	5122	2310	314	444	101
Sac	43275	25247	202	8538	5227	2381	703	755	222
Scott	459791	218501	6152	80614	74942	51721	9927	9827	8107
Shelby	50188	26157	378	11595	6844	2932	728	1312	242
Sioux	84580	47561	328	15985	11223	4326	1465	1271	2421
Story	175961	88616	1069	32148	23625	9981	2072	3569	14881
Tama	60689	33630	776	11790	8131	3627	1432	871	432
Taylor	27166	13918	273	5419	4061	2234	414	713	134
Union	46948	22065	2575	8904	6608	3939	1303	837	717
Van Buren	29450	15325	287	6365	3637	2634	588	465	149
Wapello	154956	70122	5846	28706	26109	14908	3844	3683	1738
Warren	99126	53437	1443	18434	14522	5138	2029	2686	1437
Washington	70851	37994	562	13747	11313	4616	1349	866	404
Wayne	29252	14202	512	6135	4083	3020	432	744	124
Webster	155916	78328	2902	29709	24007	11916	2775	3433	2846
Winnebago	38398	22160	214	7956	5066	1863	313	599	227
Winneshiek	58490	31288	420	10302	8186	3462	1612	1049	2171
Woodbury	328519	153759	7074	61768	57199	29234	5662	7786	6037
Worth	25833	14509	861	5148	2834	1204	652	480	145
Wright	61141	30745	1708	12074	11618	2879	852	1000	265
State of Iowa	9345424	4698283	161534	1742254	1508450	693857	191422	210315	139309

Table 2. Government Payments (in 1998 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1998.

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$
Adair	28512	29147	15222	15561	132	135	5495	5617	4366	4463	2239	2289	335	342	568	581	155	158
Adams	18147	18551	8952	9152	308	315	3511	3589	3245	3317	1488	1521	259	265	299	306	85	87
Allamakee	45957	46981	24343	24886	361	369	7842	8017	7710	7882	2990	3057	1233	1260	1206	1233	272	278
Appanoose	57764	59051	26269	26854	2820	2883	10307	10537	8472	8661	6699	6848	1057	1081	1880	1922	260	266
Audubon	26940	27540	14326	14645	132	135	5902	6034	4018	4108	1408	1439	336	343	685	700	133	136
Benton	71447	73039	39613	40496	1170	1196	13959	14270	8664	8857	4642	4745	1320	1349	1590	1625	489	500
Black Hawk	441511	451351	203176	207704	6267	6407	80535	82330	79635	81410	42281	43223	9789	10007	8509	8699	11319	11571
Boone	114095	116638	45644	46661	4398	4496	15744	16095	40184	41080	4706	4811	1112	1137	1804	1844	503	514
Bremer	73873	75519	38142	38992	546	558	19195	19623	8621	8813	3497	3575	1519	1553	1098	1122	1255	1283
Buchanan	61805	63182	32337	33058	819	837	12823	13109	7818	7992	4718	4823	1731	1770	1150	1176	409	418
Buena Vista	68766	70299	35735	36531	346	354	13082	13374	11739	12001	3606	3686	692	707	1222	1249	2344	2396
Butler	53662	54858	29513	30171	381	389	12276	12550	6145	6282	2788	2850	1368	1398	888	908	303	310
Calhoun	46584	47622	25288	25852	420	429	9187	9392	7821	7995	2261	2311	464	474	923	944	220	225
Carroll	73440	75077	39291	40167	510	521	14262	14580	13233	13528	3519	3597	932	953	1274	1302	419	428
Cass	58860	60172	30266	30941	373	381	11934	12200	9930	10151	3739	3822	1165	1191	1170	1196	283	289
Cedar	50745	51876	29609	30269	417	426	10467	10700	5127	5241	2968	3034	857	876	953	974	347	355
Cerro Gordo	171818	175647	89554	91550	3560	3639	31704	32411	26528	27119	10115	10340	2959	3025	3364	3439	4034	4124
Cherokee	49352	50452	27790	28409	843	862	9599	9813	6798	6950	2456	2511	655	670	955	976	256	262
Chickasaw	43402	44369	23733	24262	217	222	9143	9347	5518	5641	2428	2482	1234	1262	871	890	258	264
Clarke	29623	30283	14493	14816	363	371	5695	5822	5120	5234	2545	2602	620	634	627	641	160	164
Clay	56332	57588	31799	32508	300	307	10296	10525	6998	7154	3507	3585	1186	1212	1376	1407	870	889
Clayton	65322	66778	32648	33376	838	857	12366	12642	11838	12102	4056	4146	1861	1902	1353	1383	362	370
Clinton	182241	186303	88406	90376	5544	5668	36384	37195	30221	30895	14246	14564	3062	3130	3198	3269	1180	1206
Crawford	57079	58351	28615	29253	685	700	12651	12933	8968	9168	4025	4115	817	835	999	1021	319	326
Dallas	91244	93278	48781	49868	2472	2527	18976	19399	11562	11820	4764	4870	1521	1555	2459	2514	709	725
Davis	27578	28193	12614	12895	462	472	5399	5519	5040	5152	2619	2677	575	588	707	723	162	166
Decatur	31228	31924	14506	14829	210	215	4947	5057	5964	6097	3252	3324	641	655	723	739	985	1007
Delaware	49065	50159	25539	26108	521	533	8962	9162	7431	7597	3798	3883	1487	1520	968	990	359	367
Des Moines	156610	160100	77121	78840	5946	6079	30580	31262	21580	22061	13354	13652	3308	3382	2865	2929	1856	1897
Dickinson	59750	61082	35436	36226	342	350	11425	11680	6839	6991	2590	2648	1441	1473	1362	1392	315	322
Dubuque	274874	281000	141315	144465	2663	2722	56883	58151	40564	41468	17516	17906	6149	6286	5480	5602	4304	4400
Emmet	46032	47058	21758	22243	910	930	9038	9239	9132	9336	2307	2358	743	760	930	951	1214	1241
Fayette	77607	79337	38931	39799	2728	2789	14756	15085	11025	11271	5552	5676	2086	2132	1546	1580	983	1005

*OASDI: Old-Age, Survivors, and Disability Insurance Payments (usually called Social Security)

Table 2. Government Payments (in 1998 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1998 (continued).

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$
Floyd	67967	69482	34731	35505	421	430	12690	12973	12560	12840	4204	4298	1380	1411	1664	1701	317	324
Franklin	41439	42363	22404	22903	319	326	7157	7317	7625	7795	2331	2383	662	677	732	748	209	214
Fremont	31290	31987	16086	16445	377	385	6257	6396	4931	5041	2604	2662	216	221	668	683	151	154
Greene	38779	39643	22476	22977	416	425	6885	7038	4825	4933	2617	2675	570	583	796	814	194	198
Grundy	39898	40787	25072	25631	265	271	8166	8348	3376	3451	1522	1556	602	615	659	674	236	241
Guthrie	43544	44514	23983	24518	500	511	8513	8703	6399	6542	2576	2633	630	644	720	736	223	228
Hamilton	54395	55607	30792	31478	571	584	12417	12694	5070	5183	3201	3272	902	922	1131	1156	311	318
Hancock	39166	40039	22200	22695	342	350	7857	8032	4951	5061	1993	2037	418	427	683	698	722	738
Hardin	73284	74917	39554	40436	840	859	15004	15338	9884	10104	3775	3859	1429	1461	1059	1083	1739	1778
Harrison	58113	59408	26449	27038	2224	2274	12415	12692	10277	10506	4149	4241	677	692	1625	1661	297	304
Henry	58825	60136	31906	32617	763	780	10888	11131	8185	8367	3815	3900	1524	1558	866	885	878	898
Howard	34002	34760	18645	19061	181	185	6785	6936	4763	4869	2060	2106	596	609	784	801	188	192
Humboldt	39978	40869	22644	23149	288	294	8289	8474	5536	5659	1957	2001	388	397	677	692	199	203
Ida	27268	27876	16061	16419	140	143	5559	5683	2999	3066	1601	1637	330	337	426	435	152	155
Iowa	46130	47158	26963	27564	269	275	9422	9632	5391	5511	2133	2181	786	804	866	885	300	307
Jackson	70684	72259	33833	34587	1236	1264	17137	17519	10289	10518	4763	4869	1700	1738	1338	1368	388	397
Jasper	116804	119407	65345	66801	700	716	23213	23730	16494	16862	6575	6722	1888	1930	1880	1922	709	725
Jefferson	45765	46785	22607	23111	294	301	8090	8270	7925	8102	4198	4292	1241	1269	754	771	656	671
Johnson	187815	192001	94605	96714	1585	1620	32535	33260	26120	26702	14071	14385	3257	3330	5284	5402	10358	10589
Jones	57199	58474	32539	33264	259	265	11264	11515	6832	6984	3582	3662	1140	1165	1195	1222	388	397
Keokuk	43720	44694	22020	22511	238	243	8838	9035	7165	7325	3332	3406	896	916	1009	1031	222	227
Kossuth	60719	62072	35760	36557	289	295	11386	11640	7132	7291	3775	3859	715	731	1319	1348	343	351
Lee	139742	142857	65773	67239	6016	6150	28817	29459	20434	20889	11555	11813	3316	3390	2931	2996	900	920
Linn	512821	524251	271741	277797	7138	7297	91086	93116	77970	79708	35665	36460	9114	9317	11123	11371	8984	9184
Louisa	35298	36085	18466	18878	420	429	6762	6913	5117	5231	2919	2984	703	719	681	696	230	235
Lucas	35515	36307	17497	17887	983	1005	6973	7128	5021	5133	3433	3510	517	529	915	935	176	180
Lyon	36737	37556	20538	20996	162	166	6947	7102	5818	5948	1932	1975	356	364	753	770	231	236
Madison	40893	41804	21674	22157	325	332	9040	9241	5553	5677	2208	2257	829	847	998	1020	266	272
Mahaska	73153	74783	37339	38171	869	888	12577	12857	11448	11703	6471	6615	1047	1070	1930	1973	1472	1505
Marion	92072	94124	49571	50676	1324	1354	17701	18096	10102	10327	5566	5690	1405	1436	4268	4363	2135	2183
Marshall	147141	150420	70693	72269	2277	2328	22622	23126	28940	29585	9489	9700	2284	2335	9118	9321	1718	1756
Mills	94704	96815	21315	21790	1739	1778	9834	10053	56441	57699	3303	3377	356	364	1437	1469	279	285
Mitchell	37844	38687	21494	21973	343	351	8628	8820	4027	4117	1823	1864	654	669	663	678	212	217

Table 2. Government Payments (in 1998 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1998 (continued).

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$	1998\$	Adj to 1999\$
Monona	45643	46660	21626	22108	424	433	11120	11368	7656	7827	2914	2979	698	714	1011	1034	194	198
Monroe	33884	34639	15068	15404	1092	1116	7233	7394	6094	6230	2384	2437	582	595	1277	1305	154	157
Montgomery	50204	51323	24439	24984	622	636	11229	11479	8686	8880	3177	3248	848	867	975	997	228	233
Muscatine	116760	119362	62316	63705	1065	1089	20522	20979	17586	17978	10299	10529	2137	2185	2040	2085	795	813
O'Brien	56791	58057	31212	31908	393	402	10958	11202	9220	9425	2811	2874	693	708	966	988	538	550
Osceola	21641	22123	13296	13592	71	73	4594	4696	1510	1544	1250	1278	326	333	459	469	135	138
Page	66877	68368	34108	34868	373	381	12835	13121	12244	12517	4928	5038	828	846	1222	1249	339	347
Palo Alto	38841	39707	21076	21546	198	202	7744	7917	6340	6481	2007	2052	528	540	754	771	194	198
Plymouth	67512	69017	40762	41670	649	663	14128	14443	4751	4857	3725	3808	1248	1276	1196	1223	1053	1076
Pocahontas	35319	36106	19171	19598	178	182	7728	7900	5009	5121	1981	2025	314	321	768	785	170	174
Polk	1002453	1024795	476327	486943	12705	12988	191120	195380	174511	178400	83750	85617	19242	19671	28595	29232	16203	16564
Pottawattamie	285726	292094	123997	126761	24630	25179	56510	57769	41329	42250	24500	25046	2980	3046	7822	7996	3958	4046
Poweshiek	60100	61439	33546	34294	406	415	12146	12417	7275	7437	3546	3625	1154	1180	1230	1257	797	815
Ringgold	22306	22803	10615	10852	205	210	3989	4078	4292	4388	2250	2300	335	342	517	529	103	105
Sac	41753	42684	25204	25766	209	214	8705	8899	3727	3810	2226	2276	644	658	809	827	229	234
Scott	441945	451795	212882	217627	5752	5880	81264	83075	69204	70746	48205	49279	6978	7134	9438	9648	8222	8405
Shelby	48211	49286	25587	26157	358	366	11688	11948	6048	6183	2739	2800	601	614	941	962	249	255
Sioux	81669	83489	46340	47373	297	304	16109	16468	9914	10135	4039	4129	1238	1266	1263	1291	2469	2524
Story	172644	176492	85868	87782	971	993	32326	33046	23075	23589	9350	9558	2177	2226	3713	3796	15164	15502
Tama	58906	60219	32888	33621	701	717	11912	12177	7551	7719	3367	3442	1078	1102	978	1000	431	441
Taylor	26543	27135	13678	13983	271	277	5513	5636	3880	3966	2197	2246	252	258	614	628	138	141
Union	46757	47799	21709	22193	2613	2671	9093	9296	6899	7053	3836	3921	1039	1062	839	858	729	745
Van Buren	28660	29299	14960	15293	275	281	6389	6531	3546	3625	2390	2443	447	457	502	513	151	154
Wapello	151303	154675	69316	70861	5832	5962	28987	29633	23352	23872	15100	15437	2758	2819	4192	4285	1766	1805
Warren	96494	98645	51510	52658	1356	1386	18396	18806	14121	14436	5002	5113	1868	1910	2789	2851	1452	1484
Washington	70189	71753	38392	39248	499	510	13954	14265	10576	10812	4327	4423	1094	1118	943	964	404	413
Wayne	29067	29715	14110	14424	500	511	6254	6393	4176	4269	2670	2730	491	502	739	755	127	130
Webster	153902	157332	77719	79451	2927	2992	29909	30576	23818	24349	11557	11815	2189	2238	2882	2946	2901	2966
Winnebago	38783	39647	22235	22731	250	256	8138	8319	5164	5279	1738	1777	340	348	688	703	230	235
Winneshiek	57240	58516	30432	31110	441	451	10384	10615	7829	8003	3206	3277	1582	1617	1153	1179	2213	2262
Woodbury	322044	329222	152902	156310	7006	7162	62544	63938	53394	54584	27279	27887	5120	5234	7662	7833	6137	6274
Worth	25697	26270	14481	14804	886	906	5244	5361	2601	2659	1259	1287	554	566	523	535	149	152
Wright	57841	59130	30697	31381	1672	1709	12397	12673	8478	8667	2813	2876	638	652	875	895	271	277
State of Iowa	9137674	9341331	4602010	4704578	157944	161464	1758141	1797326	1451310	1483656	660699	675424	160043	163610	206329	210928	141198	144345

Table 3. Government Payments (in 1994 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1994.

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$
Adair	24166	27085	13585	15226	119	133	4569	5121	3202	3589	1661	1862	452	507	487	546	91	102
Adams	14658	16429	7647	8571	279	313	3050	3418	1847	2070	1327	1487	175	196	283	317	50	56
Allamakee	37726	42283	21739	24365	368	412	6090	6826	4788	5366	2488	2789	1236	1385	862	966	155	174
Appanoose	51007	57168	23446	26278	3704	4151	8652	9697	6571	7365	5954	6673	991	1111	1540	1726	149	167
Audubon	22985	25761	13090	14671	69	77	4681	5246	3173	3556	1103	1236	353	396	439	492	77	86
Benton	60042	67295	33239	37254	1158	1298	11439	12821	7064	7917	4116	4613	1398	1567	1366	1531	262	294
Black Hawk	383906	430279	181462	203381	6019	6746	66048	74026	64519	72312	41186	46161	7580	8496	7183	8051	9909	11106
Boone	118660	132993	40909	45851	4377	4906	12584	14104	52516	58860	4932	5528	1146	1284	1919	2151	277	310
Bremer	57803	64785	32556	36489	533	597	12327	13816	6173	6919	3162	3544	851	954	1181	1324	1020	1143
Buchanan	54671	61275	28973	32473	809	907	10706	11999	7276	8155	4476	5017	1164	1305	1032	1157	235	263
Buena Vista	59082	66219	32803	36765	341	382	11334	12703	7561	8474	2937	3292	740	829	1272	1426	2094	2347
Butler	49563	55550	26736	29966	366	410	10391	11646	7126	7987	2540	2847	1419	1590	810	908	175	196
Calhoun	40777	45703	23931	26822	399	447	7935	8893	5004	5608	1967	2205	586	657	828	928	127	142
Carroll	61929	69410	34228	38363	531	595	11676	13086	9366	10497	3372	3779	1304	1462	1215	1362	237	266
Cass	50751	56881	27371	30677	351	393	10649	11935	6434	7211	3496	3918	1216	1363	1067	1196	167	187
Cedar	44099	49426	26252	29423	383	429	8386	9399	4750	5324	2475	2774	874	980	785	880	194	217
Cerro Gordo	151886	170233	80828	90591	3246	3638	26158	29318	20108	22537	10527	11799	4118	4615	3401	3812	3500	3923
Cherokee	42512	47647	24403	27351	795	891	7882	8834	5609	6287	2097	2350	673	754	899	1008	154	173
Chickasaw	36977	41444	21149	23704	207	232	7180	8047	4069	4561	2200	2466	1318	1477	708	794	146	164
Clarke	25010	28031	12442	13945	336	377	4678	5243	3627	4065	2376	2663	823	922	639	716	89	100
Clay	49229	55176	27913	31285	314	352	8464	9486	6559	7351	3166	3548	891	999	1221	1368	701	786
Clayton	52486	58826	27996	31378	875	981	10398	11654	5964	6684	3235	3626	2568	2878	1243	1393	207	232
Clinton	159357	178606	80087	89761	4951	5549	30186	33832	21997	24654	14337	16069	3990	4472	3042	3409	767	860
Crawford	51431	57644	24991	28010	635	712	9753	10931	10289	11532	3516	3941	1086	1217	979	1097	182	204
Dallas	77703	87089	43065	48267	2494	2795	15309	17158	8350	9359	4424	4958	1557	1745	2147	2406	357	400
Davis	23365	26187	11653	13061	336	377	4294	4813	3436	3851	2381	2669	548	614	625	700	92	103
Decatur	27676	31019	12854	14407	237	266	4076	4568	5415	6069	2987	3348	584	655	647	725	876	982
Delaware	39671	44463	21385	23968	461	517	7105	7963	5025	5632	3011	3375	1555	1743	926	1038	203	228
Des Moines	133455	149575	67408	75550	5812	6514	24136	27051	15541	17418	12196	13669	4244	4757	2656	2977	1462	1639
Dickinson	48224	54049	30023	33650	324	363	8760	9818	4625	5184	2094	2347	1207	1353	1020	1143	171	192
Dubuque	227868	255393	123800	138754	2403	2693	44850	50268	27651	30991	15594	17478	5458	6117	4661	5224	3451	3868
Emmet	38589	43250	19936	22344	913	1023	7284	8164	5445	6103	2245	2516	672	753	1013	1135	1081	1212
Fayette	67078	75181	34382	38535	2830	3172	12454	13958	9021	10111	4842	5427	1415	1586	1357	1521	777	871

*OASDI: Old-Age, Survivors, and Disability Insurance Payments (usually called Social Security)

Table 3. Government Payments (in 1994 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1994 (continued).

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$
Floyd	58584	65661	30152	33794	401	449	11001	12330	8665	9712	3910	4382	2839	3182	1431	1604	185	207
Franklin	33786	37867	20149	22583	325	364	5805	6506	3803	4262	2118	2374	753	844	711	797	122	137
Fremont	29301	32840	15046	16863	325	364	6034	6763	4357	4883	2268	2542	577	647	604	677	90	101
Greene	33769	37848	20265	22713	442	495	5936	6653	3140	3519	2168	2430	942	1056	765	857	111	124
Grundy	31831	35676	21031	23571	188	211	6761	7578	1444	1618	1078	1208	573	642	623	698	133	149
Guthrie	36440	40842	20667	23163	414	464	6752	7568	4637	5197	2367	2653	759	851	721	808	123	138
Hamilton	50704	56829	28514	31958	446	500	10496	11764	5685	6372	3275	3671	1102	1235	1008	1130	178	200
Hancock	33750	37827	19699	22079	177	198	6349	7116	3848	4313	1856	2080	612	686	612	686	597	669
Hardin	64782	72607	36386	40781	658	737	12221	13697	7946	8906	4148	4649	974	1092	1136	1273	1313	1472
Harrison	49795	55810	23955	26849	1982	2221	9923	11122	8200	9191	3480	3900	955	1070	1135	1272	165	185
Henry	50380	56466	28361	31787	618	693	8669	9716	6318	7081	3630	4068	1231	1380	869	974	684	767
Howard	31587	35402	18357	20574	148	166	5672	6357	4336	4860	1748	1959	651	730	567	635	108	121
Humboldt	36248	40627	21008	23546	252	282	6686	7494	4902	5494	1982	2221	602	675	701	786	115	129
Ida	22480	25195	13926	15608	137	154	4595	5150	1870	2096	1159	1299	334	374	368	412	91	102
Iowa	38410	43050	23377	26201	192	215	7505	8412	3762	4216	1870	2096	756	847	782	876	166	186
Jackson	56707	63557	29243	32775	1048	1175	11705	13119	7080	7935	4547	5096	1717	1924	1145	1283	222	249
Jasper	98939	110890	56203	62992	699	783	18597	20843	12698	14232	5998	6723	2454	2750	1897	2126	393	440
Jefferson	39268	44011	19759	22146	355	398	7273	8152	5443	6100	3667	4110	1498	1679	778	872	495	555
Johnson	149429	167479	77200	86525	1347	1510	24724	27710	18260	20466	11911	13350	2838	3181	4078	4571	9071	10167
Jones	46597	52226	27371	30677	185	207	8662	9708	4762	5337	3124	3501	1132	1269	1142	1280	219	245
Keokuk	38127	42732	20667	23163	260	291	7852	8800	4654	5216	2913	3265	793	889	862	966	126	141
Kossuth	52484	58824	31330	35114	310	347	9373	10505	6013	6739	3070	3441	985	1104	1202	1347	201	225
Lee	123060	137925	58183	65211	5802	6503	23966	26861	16906	18948	11107	12449	3749	4202	2770	3105	577	647
Linn	423694	474873	228324	255904	6900	7733	69830	78265	58720	65813	34368	38519	9166	10273	9255	10373	7131	7992
Louisa	28398	31828	15023	16838	318	356	4664	5227	4091	4585	2690	3015	796	892	688	771	128	143
Lucas	31470	35271	15646	17536	1045	1171	5584	6259	4667	5231	2916	3268	707	792	805	902	100	112
Lyon	29508	33072	17979	20151	191	214	5659	6343	2966	3324	1527	1711	315	353	741	831	130	146
Madison	34753	38951	18415	20639	256	287	7572	8487	4374	4902	2139	2397	1033	1158	821	920	143	160
Mahaska	63988	71717	33391	37424	1008	1130	10932	12253	9120	10222	5645	6327	1063	1191	1591	1783	1238	1388
Marion	79297	88876	42570	47712	1604	1798	14730	16509	8465	9488	5419	6074	1508	1690	3206	3593	1795	2012
Marshall	119353	133770	62377	69912	2144	2403	18493	20727	17040	19098	9260	10379	1831	2052	6879	7710	1329	1490
Mills	81255	91070	18322	20535	1439	1613	7954	8915	48820	54717	3104	3479	400	448	1068	1197	148	166
Mitchell	31888	35740	18039	20218	304	341	7079	7934	3597	4031	1460	1636	773	866	514	576	122	137

Table 3. Government Payments (in 1994 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1994 (continued).

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$	1994\$	Adj to 1999\$
Monona	38444	43088	19087	21393	389	436	9024	10114	5833	6538	2549	2857	523	586	927	1039	112	126
Monroe	29372	32920	13044	14620	1395	1564	6264	7021	4631	5190	2354	2638	576	646	1019	1142	89	100
Montgomery	41962	47031	22246	24933	507	568	9347	10476	5429	6085	2762	3096	779	873	761	853	131	147
Muscatine	98961	110915	55662	62386	853	956	16166	18119	11744	13163	9958	11161	2276	2551	1845	2068	457	512
O'Brien	47295	53008	27913	31285	376	421	9343	10472	5263	5899	2350	2634	698	782	942	1056	410	460
Osceola	19589	21955	12265	13747	59	66	4013	4498	1403	1572	964	1080	356	399	451	505	78	87
Page	56041	62810	31118	34877	325	364	10684	11975	7378	8269	4335	4859	918	1029	1092	1224	191	214
Palo Alto	34625	38807	19689	22067	210	235	6735	7549	4534	5082	2168	2430	486	545	688	771	115	129
Plymouth	58619	65700	34935	39155	584	655	11220	12575	6138	6879	2819	3160	955	1070	1151	1290	817	916
Pocahontas	31060	34812	17108	19175	110	123	6668	7473	4382	4911	1642	1840	411	461	638	715	101	113
Polk	852989	956024	410001	459526	12674	14205	153168	171670	133557	149690	86804	97289	19040	21340	25108	28141	12637	14163
Pottawattamie	249405	279531	107563	120556	23129	25923	44375	49735	37024	41496	24995	28014	3230	3620	5988	6711	3101	3476
Poweshiek	51379	57585	29399	32950	403	452	10183	11413	5184	5810	3276	3672	1145	1283	1167	1308	622	697
Ringgold	18816	21089	9849	11039	164	184	3416	3829	2945	3301	1606	1800	304	341	472	529	60	67
Sac	39578	44359	22529	25250	189	212	7468	8370	4396	4927	1968	2206	2079	2330	816	915	133	149
Scott	389275	436297	183997	206223	4788	5366	61442	68864	62479	70026	52015	58298	10257	11496	7663	8589	6634	7435
Shelby	40582	45484	22175	24854	261	293	10058	11273	4063	4554	2140	2398	979	1097	762	854	144	161
Sioux	68042	76261	40732	45652	257	288	13015	14587	6656	7460	2973	3332	1044	1170	1249	1400	2116	2372
Story	139065	155863	71673	80331	899	1008	26289	29465	13320	14929	7876	8827	2073	2323	3076	3448	13859	15533
Tama	52681	59044	30517	34203	643	721	9945	11146	6234	6987	3139	3518	1038	1163	885	992	280	314
Taylor	23617	26470	13056	14633	174	195	4443	4980	2692	3017	1915	2146	647	725	612	686	78	87
Union	39752	44554	18687	20944	2516	2820	7456	8357	4923	5518	3902	4373	850	953	817	916	601	674
Van Buren	24390	27336	13314	14922	186	208	5012	5617	2811	3151	1931	2164	577	647	475	532	84	94
Wapello	129173	144776	61941	69423	5760	6456	23926	26816	16357	18333	13456	15081	2713	3041	3591	4025	1429	1602
Warren	75213	84298	39236	43975	1150	1289	13703	15358	10874	12188	5190	5817	1483	1662	2508	2811	1069	1198
Washington	58871	65982	33981	38086	444	498	10885	12200	7667	8593	3473	3893	1230	1379	969	1086	222	249
Wayne	26294	29470	13244	14844	640	717	5659	6343	3490	3912	2101	2355	400	448	684	767	76	85
Webster	136858	153389	69564	77967	2845	3189	25846	28968	19426	21773	11421	12801	2579	2891	2698	3024	2479	2778
Winnebago	34381	38534	20407	22872	208	233	6691	7499	4345	4870	1725	1933	346	388	529	593	130	146
Winneshiek	47645	53400	26039	29184	439	492	8632	9675	5486	6149	2679	3003	1364	1529	1057	1185	1949	2184
Woodbury	291657	326887	141224	158283	7068	7922	52177	58480	47548	53291	26924	30176	4747	5320	6888	7720	5081	5695
Worth	23652	26509	12890	14447	1038	1163	4547	5096	2606	2921	1234	1383	762	854	490	549	85	95
Wright	48626	54500	27760	31113	1475	1653	9809	10994	5045	5654	2596	2910	907	1017	877	983	157	176
State of Iowa	7832313	8778402	4036062	4523590	151053	169299	1420147	1591691	1136553	1273841	627582	703390	168382	188721	179823	201544	112711	126326

Table 4. Government Payments (in 1989 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1989.

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$
Adair	17189	22884	10721	14273	128	170	3023	4025	1240	1651	1139	1516	281	374	539	718	118	157
Adams	10905	14518	6234	8299	172	229	2308	3073	789	1050	839	1117	121	161	371	494	71	95
Allamakee	28139	37462	16907	22509	332	442	5291	7044	2334	3107	1336	1779	967	1287	772	1028	200	266
Appanoose	39100	52055	18782	25005	3903	5196	5895	7848	3868	5150	4244	5650	714	951	1498	1994	196	261
Audubon	17573	23395	10420	13872	95	126	3795	5052	1416	1885	654	871	255	339	833	1109	105	140
Benton	42179	56154	25189	33535	1108	1475	7916	10539	3013	4011	2459	3274	941	1253	1237	1647	316	421
Black Hawk	272192	362376	141549	188448	5483	7300	45395	60436	28059	37356	29525	39307	6026	8023	6303	8391	9852	13116
Boone	82679	110073	29547	39337	4163	5542	9897	13176	32836	43715	3189	4246	980	1305	1715	2283	352	469
Bremer	41998	55913	26488	35264	461	614	8338	11101	2218	2953	1753	2334	677	901	1021	1359	1042	1387
Buchanan	41898	55780	23290	31007	713	949	7786	10366	4699	6256	3284	4372	797	1061	1036	1379	293	390
Buena Vista	43356	57721	26419	35172	333	443	8043	10708	2687	3577	1953	2600	532	708	1341	1785	2048	2727
Butler	34896	46458	21024	27990	317	422	6973	9283	3081	4102	1747	2326	701	933	829	1104	224	298
Calhoun	29148	38805	18358	24440	317	422	5559	7401	2312	3078	1273	1695	287	382	878	1169	164	218
Carroll	44684	59489	27271	36307	479	638	8031	10692	4231	5633	1996	2657	1162	1547	1213	1615	301	401
Cass	35847	47724	22118	29446	268	357	6588	8771	2821	3756	1934	2575	778	1036	1056	1406	284	378
Cedar	30396	40467	18793	25020	296	394	5833	7766	2545	3388	1462	1946	564	751	658	876	245	326
Cerro Gordo	106749	142118	60901	81079	2749	3660	17091	22754	9357	12457	6886	9168	3098	4124	3196	4255	3471	4621
Cherokee	31460	41883	18621	24791	782	1041	5528	7360	3681	4901	1318	1755	441	587	888	1182	201	268
Chickasaw	26214	34899	15896	21163	205	273	5457	7265	1559	2076	1335	1777	834	1110	737	981	191	254
Clarke	17188	22883	9593	12771	273	363	3090	4114	1764	2348	1286	1712	438	583	627	835	117	156
Clay	36053	47998	20967	27914	331	441	7107	9462	3035	4041	2277	3031	500	666	1114	1483	722	961
Clayton	39600	52720	22705	30228	797	1061	7223	9616	3401	4528	2232	2972	1656	2205	1316	1752	270	359
Clinton	115812	154183	62763	83558	4339	5777	21744	28948	10463	13930	9241	12303	3470	4620	2886	3842	906	1206
Crawford	35066	46684	19599	26093	582	775	6881	9161	3003	3998	2161	2877	1619	2155	980	1305	241	321
Dallas	57108	76029	32101	42737	2435	3242	10317	13735	4760	6337	3176	4228	2059	2741	1849	2462	411	547
Davis	17821	23726	9742	12970	369	491	3285	4373	1753	2334	1592	2119	382	509	582	775	116	154
Decatur	19725	26260	10362	13795	256	341	3215	4280	2328	3099	1675	2230	262	349	765	1018	862	1148
Delaware	28691	38197	16276	21669	366	487	5088	6774	2500	3328	2095	2789	1070	1425	1042	1387	254	338
Des Moines	96932	129048	52345	69688	4465	5944	16713	22250	7941	10572	7739	10303	3522	4689	2678	3565	1529	2036
Dickinson	33541	44654	22060	29369	247	329	6288	8371	1746	2324	1435	1910	550	732	1005	1338	210	280
Dubuque	165033	219713	94267	125500	1927	2565	29723	39571	13929	18544	11033	14689	6119	8146	4485	5971	3550	4726
Emmet	29360	39088	15699	20900	790	1052	6082	8097	2703	3599	1589	2115	541	720	892	1188	1064	1417
Fayette	48727	64871	26408	35158	2574	3427	9863	13131	3690	4913	3051	4062	984	1310	1345	1791	812	1081

*OASDI: Old-Age, Survivors, and Disability Insurance Payments (usually called Social Security)

Table 4. Government Payments (in 1989 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1989 (continued).

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$
Floyd	40195	53513	23660	31499	387	515	6809	9065	3936	5240	2779	3700	1129	1503	1251	1665	244	325
Franklin	24404	32490	15068	20060	234	312	4643	6181	1919	2555	1210	1611	497	662	672	895	161	214
Fremont	20947	27887	11905	15849	286	381	4246	5653	2035	2709	1323	1761	420	559	614	817	118	157
Greene	24316	32373	16092	21424	341	454	3476	4628	1395	1857	1196	1592	914	1217	758	1009	144	192
Grundy	25232	33592	16642	22156	116	154	5069	6748	1460	1944	830	1105	320	426	625	832	170	226
Guthrie	27061	36027	16229	21606	425	566	5031	6698	2378	3166	1385	1844	633	843	825	1098	155	206
Hamilton	35109	46742	21013	27975	431	574	7166	9540	2453	3266	1858	2474	944	1257	1013	1349	231	308
Hancock	24177	32187	15205	20243	160	213	4353	5795	1664	2215	1082	1440	599	797	495	659	619	824
Hardin	47098	62703	29112	38758	585	779	8466	11271	3342	4449	2113	2813	961	1279	1136	1512	1383	1841
Harrison	36084	48040	18358	24440	1440	1917	7641	10173	4399	5857	2202	2932	688	916	1146	1526	210	280
Henry	38498	51253	22474	29920	566	754	7668	10209	3256	4335	1981	2637	1008	1342	836	1113	709	944
Howard	21243	28281	12582	16751	90	120	4237	5641	1787	2379	1202	1600	571	760	634	844	140	186
Humboldt	25177	33519	16034	21346	271	361	4563	6075	2063	2747	1142	1520	371	494	581	774	152	202
Ida	17194	22891	11248	14975	149	198	2893	3852	1553	2068	618	823	222	296	394	525	117	156
Iowa	28494	37935	18266	24318	207	276	6036	8036	1605	2137	880	1172	472	628	820	1092	208	277
Jackson	40879	54423	22740	30274	740	985	7530	10025	3584	4771	3231	4302	1630	2170	1141	1519	283	377
Jasper	68902	91731	41624	55415	714	951	12594	16767	5849	7787	3795	5052	1918	2553	1919	2555	489	651
Jefferson	28469	37902	16276	21669	412	549	4599	6123	2755	3668	2250	2995	946	1259	708	943	523	696
Johnson	99591	132588	53678	71463	990	1318	17106	22774	7200	9586	6468	8611	1910	2543	3407	4536	8832	11758
Jones	34748	46261	20955	27898	224	298	6745	8980	2571	3423	2072	2759	788	1049	1121	1492	272	362
Keokuk	29723	39571	17264	22984	283	377	6367	8477	2185	2909	1937	2579	595	792	928	1235	164	218
Kossuth	37913	50475	23935	31865	344	458	7333	9763	2481	3303	1721	2291	724	964	1110	1478	265	353
Lee	90583	120595	45857	61051	5233	6967	16071	21396	9706	12922	7316	9740	3130	4167	2589	3447	681	907
Linn	295655	393613	167150	222531	6183	8232	50623	67396	26051	34682	23037	30670	7472	9948	7933	10561	7206	9594
Louisa	22080	29396	12479	16614	333	443	4331	5766	2069	2755	1507	2006	553	736	645	859	163	217
Lucas	23216	30908	12352	16445	1015	1351	4521	6019	2195	2922	1742	2319	455	606	805	1072	131	174
Lyon	21599	28755	13629	18145	217	289	4089	5444	1807	2406	787	1048	200	266	702	935	168	224
Madison	24687	32866	14573	19401	230	306	4403	5862	2368	3153	1431	1905	687	915	821	1093	174	232
Mahaska	46246	61568	25660	34162	861	1146	7566	10073	4545	6051	3569	4752	1004	1337	1800	2396	1241	1652
Marion	55880	74394	31974	42568	1772	2359	9726	12948	3856	5134	3213	4278	1155	1538	2390	3182	1794	2388
Marshall	84665	112717	49089	65353	1798	2394	12475	16608	6032	8031	5881	7830	1456	1938	6543	8711	1391	1852
Mills	62400	83075	14021	18667	935	1245	5498	7320	38692	51512	1967	2619	285	379	815	1085	187	249
Mitchell	24606	32759	15976	21269	267	355	4856	6465	1499	1996	854	1137	467	622	531	707	156	208

Table 4. Government Payments (in 1989 \$1,000s and adjusted to 1999 \$1,000s) to Individuals in Iowa's Counties, 1989 (continued).

County	Total		OASDI*		Other Retirement/ Disability Payments		Medicare		Other Medical Payments		Income Maintenance Benefit Payments		Unemployment Insurance Benefit Payments		Veterans Benefit Payments		Other Payments	
	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$	1989\$	Adj to 1999\$
Monona	27694	36870	15355	20443	368	490	6003	7992	2669	3553	1732	2306	390	519	1033	1375	144	192
Monroe	21794	29015	10915	14531	1463	1948	3892	5182	2209	2941	1796	2391	520	692	885	1178	114	152
Montgomery	30519	40631	17528	23335	517	688	6834	9098	2417	3218	1542	2053	641	853	870	1158	170	226
Muscatine	72925	97087	42141	56103	747	995	11929	15881	6988	9303	6653	8857	1988	2647	1918	2553	561	747
O'Brien	34398	45795	21577	28726	368	490	6883	9164	2392	3185	1410	1877	360	479	965	1285	443	590
Osceola	15005	19977	9661	12862	70	93	2969	3953	1055	1405	503	670	258	343	386	514	103	137
Page	42346	56376	24705	32890	482	642	8251	10985	3675	4893	3131	4168	711	947	1152	1534	239	318
Palo Alto	25603	34086	15596	20763	139	185	4980	6630	2328	3099	1359	1809	368	490	681	907	152	202
Plymouth	42444	56507	26349	35079	440	586	8100	10784	2901	3862	1839	2448	726	967	1239	1650	850	1132
Pocahontas	22578	30059	14803	19708	152	202	4185	5572	1677	2233	782	1041	216	288	625	832	138	184
Polk	593662	790357	307183	408961	11356	15119	105973	141085	64776	86238	53382	71069	15834	21080	22375	29788	12783	17018
Pottawattamie	174472	232279	78660	104722	18812	25045	33309	44345	17133	22810	15277	20339	2514	3347	5553	7393	3214	4279
Poweshiek	36779	48965	22404	29827	347	462	7408	9862	2665	3548	1593	2121	856	1140	848	1129	658	876
Ringgold	12595	16768	7132	9495	88	117	1820	2423	1773	2360	1052	1401	191	254	462	615	77	103
Sac	30604	40744	18495	24623	207	276	5829	7760	2249	2994	1174	1563	1672	2226	804	1070	174	232
Scott	273456	364059	137696	183318	4353	5795	46086	61355	30551	40673	33221	44228	8507	11326	6347	8450	6695	8913
Shelby	28139	37462	16781	22341	235	313	6240	8307	1903	2534	1393	1855	658	876	740	985	189	252
Sioux	48984	65214	30468	40563	225	300	9172	12211	3187	4243	1947	2592	702	935	1193	1588	2090	2782
Story	98735	131448	54357	72367	809	1077	15863	21119	5769	7680	4509	6003	1433	1908	2666	3549	13329	17745
Tama	37964	50542	22774	30320	469	624	7458	9929	3390	4513	2037	2712	630	839	938	1249	268	357
Taylor	17572	23394	10547	14041	124	165	3400	4527	1380	1837	1105	1471	262	349	653	869	101	134
Union	31970	42562	16401	21835	2151	2864	5348	7120	3264	4345	2743	3652	484	644	964	1283	615	819
Van Buren	18591	24751	10467	13935	206	274	3837	5108	1886	2511	1170	1558	473	630	444	591	108	144
Wapello	96958	129083	50044	66625	5278	7027	15530	20675	9572	12743	9310	12395	2194	2921	3560	4740	1470	1957
Warren	50933	67808	27213	36229	943	1255	9544	12706	5539	7374	3187	4243	1206	1606	2194	2921	1107	1474
Washington	42168	56139	25200	33549	380	506	8850	11782	3528	4697	2102	2798	820	1092	1013	1349	275	366
Wayne	19776	26328	10950	14578	584	777	3858	5136	2105	2802	1274	1696	195	260	711	947	99	132
Webster	98907	131677	54862	73039	2422	3224	17067	22722	9498	12645	7737	10300	2064	2748	2762	3677	2495	3322
Winnebago	25120	33443	16000	21301	167	222	4799	6389	1998	2660	1000	1331	447	595	538	716	171	228
Winneshiak	35042	46652	20138	26810	322	429	6576	8755	2327	3098	1605	2137	1111	1479	1048	1395	1915	2549
Woodbury	219420	292119	112509	149786	6036	8036	38928	51826	27291	36333	18914	25181	4470	5951	6226	8289	5046	6718
Worth	18082	24073	10547	14041	1008	1342	3235	4307	1292	1720	734	977	687	915	465	619	114	152
Wright	35917	47817	22302	29691	1360	1811	6835	9100	2124	2828	1599	2129	622	828	871	1160	204	272
State of Iowa	5625482	7489347	3098295	4124839	132922	176962	1005087	1338098	569963	758806	402299	535591	132662	176616	168524	224360	115730	154074

than \$20 million, although Adams was the only one of these below \$10 million. While all counties had larger amounts in 1999 than in 1989, payments in five counties did not keep up with inflation.

Retirement and disability payments other than OASDI totaled \$162 million in 1999. When adjusted for inflation, they decreased between each of the years noted in the tables except the two most recent ones, when a slight increase occurred.

Medical Payments

Medical payments to individuals totaled nearly \$3.3 billion in 1999, with more than half (53.6%, \$1.7 billion) related to Medicare and the remainder from other medical programs (Table 1). The two medical categories together accounted for 34.8 percent of government payments to individuals in Iowa in 1999. Ten years earlier, 28.0 percent of total transfer payments were from the two medical categories (Table 4). Thus, the percentage of total payments contributed by medical payments increased from 1989 to 1999 while it decreased for the retirement/disability payments.

In 1999, Polk was the only county reporting at least \$100 million in either the Medicare or the other medical payment programs. Residents in Black Hawk, Linn, Scott, and Woodbury (as well as Polk) received at least \$50 million in each of them.

The four categories of retirement/disability and medical payments to individuals accounted for \$8.1 billion (or 86.8%) of the \$9.3 billion of total transfer payments in 1999. For each year reported, at least 85 percent of transfer payments statewide came from these four categories as did more than three-fourths of the transfer payments to any county (Tables 1-4).

Income Maintenance, Unemployment Insurance, Veterans Benefits, and Other Payments

Income maintenance benefit payments were nearly \$694 million in 1999; they represented 7.4 percent of total government payments to individuals that year. Payments of income maintenance benefits increased from \$402 million in 1989 to \$628 million in 1994 and \$661 million in 1998. The statewide percentage gain from 1989 to 1999 was 29.5 percent after inflation was taken into account.

As with previous categories, these payments were higher in counties with larger numbers of residents. Fifteen counties noted income maintenance payments of at least \$10 million in 1999, with Polk highest at \$86.6 million. Payments to residents of less than \$3 million occurred in 38 counties; Worth was lowest at \$1.2 million. The dollar increases between 1989 and 1999 exceeded the effects of inflation in all counties.

Unemployment insurance benefit payments increased by nearly \$59 million when 1989 (\$133 million) and 1999 (\$191 million) were compared. Payments related to unemployment tend to change more dramatically than any of the other categories because they reflect annual changes in the economy. Although statewide unemployment benefits were higher in 1999 than in 1989, 11 counties received lower payments of this type in the later year. In only two-thirds (66) of Iowa's 99 counties did increases match or exceed inflation.

Benefit payments for veterans increased when 1989, 1994, and 1999 were compared. This category accounted for 2.3 percent (\$210 million) of all transfer payments in 1999. Sixty-nine counties had higher veteran benefits in 1999 than in 1989, but in only 21 were payments larger after adjusting for inflation.

In each of the four years reported, the "other payments" category was the smallest, totaling \$139 million in 1999, an increase of more than \$23 million from 1989 (Tables 1-4). While Black Hawk, Johnson, Polk, and Story each received more than \$10 million in 1999, 43 counties had less than \$300,000 in these payments.

In 1999, unemployment insurance benefit payments, benefit payments for veterans, and "other payments" generally varied across counties in manners similar to those for other payment categories.

Some exceptions were evident. For example, Johnson and Story had unusually high amounts in the "other payment" category; that's because of federal education and training assistance payments that were received by residents. And Marshall County was relatively high on benefits for veterans, in part because of a facility located in that county. Usually, population size was the key, as counties with larger populations received higher totals in each category.

Note: Information on other categories of income received by individuals is reported in the previous section in this volume ("Personal Income in Iowa's Counties: 1989-1999").

Old-age, Survivors, and Disability Insurance (Social Security) Recipients and Benefits in Iowa's Counties for December: 1990-1999

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The Old-age, Survivors, and Disability Insurance program (OASDI), more commonly known as Social Security, provides monthly benefits for retired and disabled insured workers and their dependents, and to survivors of insured workers. To be eligible for OASDI benefits, a worker must have had a specified period of employment in which full OASDI taxes were paid. A worker becomes eligible for full retirement benefits at age 65. Survivor benefits are payable to dependents of deceased insured workers. Disability benefits are payable to insured workers under age 65 with a prolonged absence from work due to a disability.

Beneficiaries and benefits paid reported in this section reflect the numbers as of December for each of the years reported. With the exception of widows and widowers, benefits to spouses and children are not included in this section. The numbers reported here were made available by the U.S. Social Security Administration.

Total Recipients, Benefits, and Average Benefits

In December of 1999 more than 537,000 Iowans received OASDI benefits (Table 1). That was about the same as the number in 1998 but 13,200 more than were reported in 1990. Black Hawk, Linn, Polk, and Scott each had more than 20,000 OASDI recipients in 1999. Six others (Cerro Gordo, Clinton, Dubuque, Johnson, Pottawattamie, Woodbury) had at least 10,000. Fifteen counties had fewer than 2,000 beneficiaries with Adams and Ringgold the only two below 1,500 that month.

Fifty-three counties had fewer OASDI beneficiaries in 1999 than in 1990; Woodbury was the only county to decline by more than 1,000. Johnson, Linn, Polk, Pottawattamie, Scott, and Warren all had at least 1,000 more recipients of OASDI benefits in December of 1999 than nine years earlier. In percentage terms, Benton, Delaware, Johnson, Linn, and Warren all experienced gains of 10 percent or more in their OASDI beneficiaries from 1990 to 1999. Only Taylor and Wayne reported declines of that magnitude.

OASDI benefits paid out in Iowa totaled \$397 million in December of 1999. More than a third (34.6%) of those benefits were to residents of Black Hawk, Dubuque, Linn, Polk, Pottawattamie, Scott, and Woodbury, with each reporting more than \$10 million. At least \$5 million came to those living in another 11 counties. Adams and Ringgold were the only counties in which recipients obtained fewer than \$1 million in benefits.

The average OASDI benefit received per recipient (total benefits divided by total recipients) ranged from \$627 (Ringgold) to \$800 (Johnson and Story). Average benefits were at least \$750 in 18 counties; the state averaged \$739 in 1999.

Retired Worker Recipients, Benefits, and Average Benefits

There were 348,000 retired workers receiving retirement benefits in 1999 (Table 2). Black Hawk, Dubuque, Linn, Polk, Scott, and Woodbury each reported more than 10,000 recipients, while Adams, Osceola, and Ringgold each had fewer than 1,000 in the last month of that year. There were nearly 15,600 more retired workers receiving benefits in 1999 than in 1990. One-third (35) of the counties reported lower numbers in 1999, while nine (Dubuque, Jasper, Johnson, Linn, Polk, Pottawattamie, Scott,

Table 1. Total OASDI Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999.

County	Total December Recipients										Total December Benefits (in \$1,000s)									Avg. Dec. Benefits Per Recipient (\$s)										
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Adair	1869	1915	1911	1935	1900	1955	2010	1995	1985	1940	1286	1272	1243	1230	1151	1153	1134	1095	1043	983	688	664	651	636	606	590	564	549	525	507
Adams	1167	1192	1159	1176	1197	1155	1165	1160	1130	1185	760	748	716	702	688	649	623	602	565	567	651	628	617	597	575	562	535	519	500	478
Allamakee	3220	3199	3237	3212	3238	3290	3285	3330	3280	3240	2124	2034	2015	1943	1880	1845	1777	1744	1652	1556	660	636	623	605	581	561	541	524	504	480
Appanoose	3433	3418	3461	3541	3567	3535	3590	3645	3590	3600	2266	2195	2168	2145	2071	1990	1947	1905	1807	1737	660	642	627	606	581	563	542	523	503	483
Audubon	1874	1869	1881	1867	1901	1950	1935	1945	1995	1950	1237	1197	1183	1143	1125	1111	1060	1030	1016	962	660	640	629	612	592	570	548	530	509	493
Benton	4714	4688	4651	4628	4579	4495	4445	4375	4335	4265	3450	3310	3238	3130	2984	2821	2691	2559	2449	2312	732	706	696	676	652	628	605	585	565	542
Black Hawk	22879	22831	22901	23102	23259	23265	23370	23430	23225	22870	17605	16977	16699	16335	15852	15401	14933	14519	13948	13194	769	744	729	707	682	662	639	620	601	577
Boone	5254	5291	5315	5306	5370	5445	5300	5240	5110	4925	3915	3814	3750	3641	3548	3472	3247	3107	2949	2734	745	721	706	686	661	638	613	593	577	555
Bremer	4406	4389	4340	4334	4283	4340	4320	4335	4320	4455	3330	3187	3079	2982	2827	2763	2649	2556	2451	2425	756	726	709	688	660	637	613	590	567	544
Buchanan	3796	3824	3829	3882	3892	3970	4015	4030	3965	4030	2786	2702	2645	2599	2507	2459	2401	2330	2226	2164	734	707	691	670	644	619	598	578	561	537
Buena Vista	4140	4174	4205	4298	4328	4370	4420	4480	4475	4470	3056	2986	2942	2934	2861	2784	2728	2679	2585	2471	738	715	700	683	661	637	617	598	578	553
Butler	3641	3673	3759	3781	3779	3805	3840	3915	3885	3765	2553	2466	2464	2411	2338	2269	2209	2176	2078	1942	701	671	656	638	619	596	575	556	535	516
Calhoun	2985	3039	3062	3139	3161	3255	3245	3245	3280	3145	2149	2113	2090	2084	2032	2031	1961	1901	1849	1688	720	695	682	664	643	624	604	586	564	537
Carroll	4710	4788	4847	4839	4863	4815	4785	4820	4770	4870	3351	3283	3250	3154	3044	2905	2795	2715	2602	2552	711	686	671	652	626	603	584	563	545	524
Cass	3649	3685	3737	3785	3837	3805	3675	3650	3645	3845	2584	2529	2516	2476	2414	2323	2169	2097	2015	2027	708	686	674	654	629	611	590	575	553	527
Cedar	3519	3505	3551	3581	3557	3525	3445	3385	3320	3220	2575	2474	2454	2395	2305	2228	2092	1996	1889	1755	732	706	691	669	648	632	607	590	569	545
Cerro Gordo	10274	10247	10294	10372	10414	10570	10505	10335	10235	10055	7719	7483	7351	7210	6972	6860	6581	6283	6007	5674	751	730	714	695	669	649	626	608	587	564
Cherokee	3193	3258	3270	3274	3265	3255	3185	3175	3135	3110	2360	2322	2279	2230	2141	2071	1962	1897	1808	1721	739	713	697	681	656	636	616	597	577	553
Chickasaw	2954	2954	2955	2955	2956	3030	3010	2890	2855	2855	2060	1983	1942	1887	1812	1795	1709	1595	1521	1457	697	671	657	639	613	592	568	552	533	510
Clarke	1875	1913	1923	1924	1881	1875	1880	1875	1860	1825	1229	1211	1197	1165	1091	1056	1025	987	944	894	655	633	623	606	580	563	545	526	508	490
Clay	3722	3726	3734	3772	3754	3735	3705	3610	3525	3590	2727	2657	2613	2557	2451	2369	2259	2135	2011	1964	733	713	700	678	653	634	610	591	570	547
Clayton	4346	4328	4353	4384	4397	4270	4265	4300	4300	4370	2832	2728	2684	2622	2522	2376	2290	2247	2163	2093	652	630	616	598	574	556	537	523	503	479
Clinton	10126	10144	10206	10289	10392	10455	10430	10315	10140	10245	7591	7387	7259	7119	6965	6797	6560	6303	5982	5814	750	728	711	692	670	650	629	611	590	567
Crawford	3587	3637	3616	3658	3667	3645	3630	3620	3630	3630	2448	2391	2322	2286	2200	2121	2044	1965	1887	1812	682	657	642	625	600	582	563	543	520	499
Dallas	5537	5526	5475	5469	5546	5650	5565	5470	5540	5375	4242	4076	3950	3828	3739	3655	3473	3312	3184	2955	766	738	721	700	674	647	624	605	575	550
Davis	1664	1666	1697	1698	1727	1735	1750	1790	1765	1815	1086	1054	1042	1017	1008	989	954	938	898	892	653	633	615	599	584	570	545	524	509	491
Decatur	1940	1929	1925	1950	2011	2005	1980	1975	1955	2030	1250	1212	1171	1140	1129	1091	1031	1001	969	946	644	628	608	585	561	544	521	507	496	466
Delaware	3324	3292	3266	3208	3174	3105	3080	3095	3050	3000	2226	2134	2086	1993	1915	1815	1735	1685	1601	1512	670	648	639	621	603	585	563	544	525	504
Des Moines	8538	8569	8543	8595	8675	8570	8530	8410	8325	8405	6586	6444	6306	6173	5990	5721	5496	5260	5016	4841	771	752	738	718	690	668	644	625	603	576
Dickinson	4105	4085	4057	3984	3959	3980	3965	3905	3855	3765	3071	2961	2862	2733	2624	2548	2458	2338	2223	2073	748	725	706	686	663	640	620	599	577	551
Dubuque	16313	16279	16219	16097	16132	16245	16180	15950	15710	15635	12181	11808	11537	11154	10771	10507	10103	9669	9210	8782	747	725	711	693	668	647	624	606	586	562
Emmet	2510	2525	2531	2586	2649	2645	2680	2725	2725	2675	1861	1818	1791	1767	1744	1692	1644	1619	1557	1464	741	720	708	683	658	640	613	594	571	547
Fayette	4913	4905	4955	5008	5011	5000	4995	4935	4900	4885	3358	3253	3204	3140	3040	2918	2799	2668	2550	2447	683	663	647	627	607	584	560	541	520	501

Table 1. Total OASDI Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Floyd	4100	4126	4108	4135	4156	4065	4050	4070	4080	4055	2984	2902	2858	2794	2709	2559	2463	2404	2324	2220	728	703	696	676	652	630	608	591	570	547
Franklin	2600	2652	2652	2694	2710	2700	2630	2655	2645	2560	1891	1872	1843	1823	1775	1710	1611	1580	1517	1402	727	706	695	677	655	633	613	595	574	548
Fremont	1918	1936	1973	2043	2051	2080	2105	2140	2160	2125	1365	1344	1343	1350	1303	1277	1241	1213	1174	1099	712	694	682	661	635	614	590	567	544	517
Greene	2643	2651	2681	2718	2768	2705	2730	2685	2645	2655	1908	1878	1870	1841	1810	1720	1677	1604	1530	1480	722	708	698	677	654	636	614	597	578	557
Grundy	2865	2868	2866	2891	2883	2755	2725	2765	2720	2750	2165	2095	2040	1996	1926	1785	1712	1683	1606	1546	756	730	712	690	668	648	628	609	590	562
Guthrie	2945	2959	2955	2975	2957	2925	2915	2990	2960	2900	2065	2004	1957	1900	1822	1754	1694	1671	1595	1497	701	677	662	639	616	600	581	559	539	516
Hamilton	3571	3613	3617	3630	3686	3810	3735	3625	3570	3540	2624	2573	2529	2475	2417	2420	2299	2163	2067	1961	735	712	699	682	656	635	616	597	579	554
Hancock	2591	2616	2603	2676	2691	2640	2605	2660	2665	2630	1899	1855	1819	1810	1752	1672	1598	1580	1524	1440	733	709	700	676	651	633	613	594	572	548
Hardin	4554	4602	4669	4766	4816	4855	4945	4960	4995	4890	3376	3305	3289	3254	3155	3088	3033	2933	2853	2687	741	718	704	683	655	636	613	591	571	549
Harrison	3259	3277	3322	3311	3375	3410	3370	3365	3345	3260	2276	2210	2199	2145	2099	2033	1942	1886	1814	1689	698	674	662	648	622	596	576	560	542	518
Henry	3706	3728	3757	3763	3791	3780	3795	3810	3820	3795	2730	2666	2629	2565	2489	2407	2339	2260	2188	2086	737	715	700	682	657	637	616	593	573	550
Howard	2419	2478	2513	2544	2690	2820	2860	2855	2865	2500	1579	1558	1543	1515	1549	1558	1520	1468	1419	1180	653	629	615	596	576	552	531	514	495	472
Humboldt	2532	2581	2628	2664	2689	2725	2720	2780	2810	2580	1915	1892	1892	1860	1814	1783	1723	1704	1664	1470	756	733	719	698	675	654	633	613	592	570
Ida	1974	1971	1996	1964	1945	1950	1955	1960	1960	1990	1379	1342	1330	1285	1221	1182	1132	1100	1060	1023	699	681	667	654	628	606	579	561	541	514
Iowa	3200	3193	3190	3231	3205	3165	3140	3155	3155	3125	2334	2253	2213	2165	2077	1984	1907	1846	1776	1684	729	706	694	670	648	627	607	585	563	539
Jackson	4271	4257	4242	4269	4277	4235	4200	4245	4145	4170	2929	2827	2745	2696	2596	2482	2386	2325	2201	2105	686	664	647	632	607	586	568	548	531	505
Jasper	7358	7383	7327	7333	7327	7285	7265	7225	7105	6905	5643	5460	5319	5166	4973	4770	4584	4413	4187	3906	767	740	726	704	679	655	631	611	589	566
Jefferson	2714	2692	2773	2782	2730	2650	2640	2760	2750	2755	1956	1889	1910	1865	1782	1677	1611	1629	1574	1505	721	702	690	670	653	633	610	590	572	546
Johnson	10455	10195	10023	9825	9708	9520	9295	9210	8920	8595	8369	7905	7620	7250	6925	6552	6193	5921	5529	5113	800	775	760	738	713	688	666	643	620	595
Jones	3975	3940	3935	3898	3874	3770	3735	3700	3665	3645	2833	2719	2663	2572	2456	2323	2217	2123	2031	1929	713	690	677	660	634	616	594	574	554	529
Keokuk	2790	2769	2775	2861	2985	2985	2975	3010	3020	3065	1910	1840	1794	1790	1816	1754	1695	1655	1601	1571	685	664	646	626	608	588	570	550	530	513
Kossuth	4338	4304	4294	4261	4262	4270	4195	4120	4075	4120	3120	2988	2925	2819	2740	2659	2523	2397	2297	2216	719	694	682	662	643	623	601	582	564	538
Lee	7599	7632	7656	7709	7738	7710	7735	7700	7635	7640	5638	5496	5394	5271	5096	4938	4796	4636	4440	4255	742	720	705	684	659	640	620	602	582	557
Linn	29962	29616	29354	29053	28629	28510	28145	27715	27140	26680	23706	22706	22050	21183	20124	19378	18531	17695	16754	15760	791	767	751	729	703	680	658	638	617	591
Louisa	2153	2152	2155	2147	2025	1960	2055	2175	2120	2040	1602	1543	1522	1483	1349	1275	1296	1326	1240	1141	744	717	706	691	666	651	631	610	585	559
Lucas	2216	2225	2261	2272	2285	2280	2265	2240	2230	2250	1513	1462	1457	1425	1379	1328	1282	1229	1187	1130	683	657	645	627	604	582	566	549	532	502
Lyon	2539	2572	2557	2557	2553	2570	2545	2510	2475	2495	1740	1716	1677	1624	1567	1526	1443	1371	1315	1268	685	667	656	635	614	594	567	546	531	508
Madison	2551	2572	2551	2579	2496	2520	2525	2495	2485	2485	1847	1811	1751	1715	1604	1563	1506	1451	1390	1331	724	704	685	665	643	620	596	582	559	536
Mahaska	4508	4571	4566	4586	4615	4645	4625	4620	4560	4510	3179	3120	3061	3004	2911	2834	2716	2620	2509	2371	705	683	671	655	631	610	587	567	550	526
Marion	6115	6042	6008	6041	6062	5975	5925	5815	5730	5690	4355	4142	4034	3922	3806	3613	3458	3301	3119	2956	712	686	671	649	628	605	584	568	544	520
Marshall	8004	8007	8023	8139	8152	8035	8020	7955	7895	8025	6099	5907	5809	5728	5535	5294	5114	4916	4724	4601	762	738	724	704	679	659	638	618	598	573
Mills	2642	2613	2623	2598	2577	2555	2525	2545	2565	2470	1857	1781	1752	1686	1615	1555	1481	1441	1395	1292	703	682	667	649	627	609	587	566	544	523
Mitchell	2600	2608	2620	2651	2500	2495	2485	2495	2490	2785	1851	1796	1770	1741	1588	1531	1474	1437	1375	1463	712	689	676	657	635	614	593	576	552	525

Table 1. Total OASDI Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Monona	2640	2702	2729	2685	2718	2740	2750	2785	2760	2725	1827	1807	1788	1704	1664	1620	1568	1528	1465	1388	692	669	655	635	612	591	570	549	531	509
Monroe	1949	1958	1896	1909	1939	1935	1940	1940	1945	1985	1300	1259	1193	1167	1141	1107	1076	1046	1008	990	667	643	630	611	588	572	555	539	518	499
Montgomery	2937	2961	2998	3063	3038	3060	3040	3010	3045	3005	2094	2042	2018	2008	1937	1888	1819	1747	1709	1627	713	690	674	656	638	617	598	580	561	541
Muscatine	6991	7014	7018	7028	7098	7185	7175	7075	7025	6830	5362	5207	5108	4957	4829	4724	4575	4360	4187	3902	767	742	728	705	680	657	638	616	596	571
O'Brien	3760	3768	3795	3776	3804	3825	3815	3900	3855	3795	2693	2608	2572	2498	2434	2369	2276	2246	2143	2012	716	692	678	662	640	619	597	576	556	530
Osceola	1590	1607	1650	1663	1686	1705	1690	1685	1675	1690	1136	1111	1126	1102	1073	1041	1000	961	922	888	714	691	682	663	636	611	592	570	550	525
Page	4131	4160	4234	4281	4338	4330	4335	4320	4310	4295	2917	2850	2834	2779	2719	2641	2552	2475	2392	2286	706	685	669	649	627	610	589	573	555	532
Palo Alto	2508	2533	2599	2665	2654	2705	2745	2790	2750	2685	1800	1761	1763	1763	1700	1671	1623	1597	1530	1439	718	695	678	662	641	618	591	572	556	536
Plymouth	4864	4875	4890	4924	4900	4785	4715	4720	4745	4655	3509	3406	3334	3249	3123	2965	2820	2729	2630	2467	721	699	682	660	637	620	598	578	554	530
Pocahontas	2248	2277	2254	2284	2320	2300	2295	2325	2320	2470	1627	1602	1560	1544	1514	1452	1411	1377	1335	1356	724	704	692	676	653	631	615	592	575	549
Polk	52872	52223	52080	51751	51657	51440	50975	50275	49230	48760	41614	39801	38920	37540	36138	34797	33382	31944	30299	28833	787	762	747	725	700	676	655	635	615	591
Pott.	15032	14860	14853	14774	14845	14715	14505	14305	13895	13675	10811	10361	10136	9825	9503	9129	8712	8321	7846	7390	719	697	683	665	640	620	601	582	565	540
Poweshiek	3805	3829	3854	3852	3858	3850	3795	3750	3730	3735	2874	2803	2753	2676	2579	2495	2369	2266	2184	2098	755	732	715	695	668	648	624	604	586	562
Ringgold	1440	1445	1464	1504	1520	1530	1505	1495	1470	1425	903	887	882	874	859	836	784	758	715	661	627	614	602	581	565	546	521	507	486	464
Sac	2972	3029	3040	3085	3082	3125	3135	3120	3100	3190	2135	2106	2075	2038	1964	1912	1853	1787	1710	1697	718	695	683	661	637	612	591	573	552	532
Scott	24192	24122	24046	24017	23932	23700	23460	22965	22755	22640	18478	17788	17399	16866	16248	15616	14993	14259	13640	13014	764	737	724	702	679	659	639	621	599	575
Shelby	3123	3106	3109	3115	3102	3050	3005	2880	2870	2975	2212	2138	2092	2043	1958	1882	1786	1656	1599	1583	708	688	673	656	631	617	594	575	557	532
Sioux	5646	5652	5658	5644	5684	5670	5585	5510	5430	5350	4022	3872	3797	3683	3581	3457	3293	3148	2997	2829	712	685	671	653	630	610	590	571	552	529
Story	9368	9290	9177	9131	9019	8885	8935	8915	8855	8640	7494	7175	6945	6710	6381	6083	5902	5693	5470	5121	800	772	757	735	708	685	661	639	618	593
Tama	4012	3989	3990	4004	4058	4185	4195	4165	4180	3980	2844	2748	2686	2639	2580	2590	2489	2401	2319	2107	709	689	673	659	636	619	593	576	555	529
Taylor	1841	1835	1869	1904	1905	2010	2015	2040	2090	2050	1177	1143	1131	1121	1084	1108	1063	1040	1034	970	639	623	605	589	569	551	528	510	495	473
Union	2774	2799	2831	2828	2915	2760	2820	2850	2855	3050	1866	1814	1798	1751	1732	1586	1563	1543	1495	1525	673	648	634	619	594	575	554	541	524	500
Van Buren	1950	1947	1912	1917	1990	1985	1980	1995	1980	1960	1296	1250	1200	1169	1169	1130	1084	1063	1015	958	665	642	627	610	587	569	547	533	513	489
Wapello	8308	8354	8502	8524	8466	8450	8455	8450	8415	8450	5930	5792	5769	5650	5429	5257	5097	4944	4757	4589	714	693	679	663	641	622	603	585	565	543
Warren	5954	5848	5726	5640	5593	5150	5075	4945	4835	4630	4519	4304	4131	3926	3728	3330	3166	2963	2805	2555	759	736	722	696	667	647	624	599	580	552
Washington	4396	4557	4522	4464	4569	4630	4655	4600	4465	4340	3213	3208	3127	3000	2950	2884	2792	2675	2507	2358	731	704	692	672	646	623	600	582	561	543
Wayne	1885	1928	1958	2025	2058	2095	2105	2135	2145	2130	1201	1179	1162	1170	1143	1124	1102	1087	1053	1007	637	612	594	578	555	537	524	509	491	473
Webster	8849	8961	8999	9114	9134	9120	9080	9035	8990	9045	6624	6494	6400	6310	6097	5904	5704	5515	5328	5144	749	725	711	692	668	647	628	610	593	569
Winnebago	2661	2733	2742	2732	2794	2865	2895	2855	2860	2810	1874	1858	1822	1771	1745	1732	1697	1624	1573	1483	704	680	664	648	625	605	586	569	550	528
Winneshiek	3864	3850	3835	3793	3822	3800	3810	3755	3695	3755	2646	2543	2472	2370	2300	2210	2143	2048	1942	1887	685	661	645	625	602	582	562	545	526	503
Woodbury	17692	17909	18148	18457	18635	18930	19050	19105	19015	19000	13003	12776	12678	12531	12193	11986	11695	11375	10946	10507	735	713	699	679	654	633	614	595	576	553
Worth	1763	1787	1801	1818	1833	1805	1805	1835	1835	1850	1227	1210	1195	1167	1140	1094	1051	1040	1002	965	696	677	664	642	622	606	582	567	546	522
Wright	3501	3564	3554	3656	3666	3650	3665	3580	3535	3665	2600	2565	2509	2508	2438	2356	2283	2148	2048	2043	743	720	706	686	665	645	623	600	579	557
State of Iowa	537366	537341	537876	539232	540171	539094	533510	524185	527881	5397324	384543	377036	367160	354601	342549	329845	317686	288985	288985	739	716	701	681	656	635	615	595	575	551	

Table 2. OASDI Retired Worker Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999.

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Adair	1235	1250	1245	1230	1190	1215	1250	1245	1220	1205	919	902	888	858	798	788	783	760	713	674	744	722	713	698	671	649	626	610	584	559
Adams	725	730	705	710	730	705	700	705	690	725	515	504	477	466	462	438	424	411	387	388	710	690	677	656	633	621	606	583	561	535
Allamakee	2155	2125	2140	2120	2115	2120	2115	2140	2110	2050	1544	1470	1455	1397	1344	1308	1256	1231	1168	1085	716	692	680	659	635	617	594	575	554	529
Appanoose	2040	2055	2045	2080	2100	2095	2140	2185	2150	2160	1488	1454	1419	1401	1366	1323	1301	1278	1213	1164	729	708	694	674	650	632	608	585	564	539
Audubon	1240	1225	1215	1200	1235	1235	1230	1235	1285	1265	891	854	832	804	803	779	749	725	725	691	719	697	685	670	650	631	609	587	564	546
Benton	2935	2910	2905	2855	2785	2720	2680	2645	2630	2605	2347	2254	2219	2128	2009	1893	1802	1717	1647	1572	800	775	764	745	721	696	672	649	626	603
Black Hawk	14590	14485	14465	14430	14450	14495	14545	14590	14495	14250	12340	11877	11642	11309	10939	10641	10316	10033	9627	9073	846	820	805	784	757	734	709	688	664	637
Boone	3370	3385	3400	3345	3390	3445	3315	3275	3295	3180	2722	2653	2606	2497	2442	2400	2229	2129	2058	1913	808	784	766	746	720	697	672	650	625	602
Bremer	2850	2810	2760	2720	2695	2720	2730	2750	2720	2805	2345	2225	2135	2047	1954	1905	1834	1781	1697	1676	823	792	774	753	725	700	672	648	624	598
Buchanan	2345	2325	2330	2350	2335	2375	2410	2405	2385	2425	1891	1808	1773	1746	1669	1638	1605	1547	1486	1445	806	778	761	743	715	690	666	643	623	596
Buena Vista	2660	2695	2710	2770	2795	2820	2860	2885	2855	2835	2161	2123	2088	2082	2033	1977	1941	1904	1824	1732	812	788	770	752	727	701	679	660	639	611
Butler	2230	2210	2220	2215	2185	2190	2215	2230	2210	2170	1713	1640	1617	1578	1516	1466	1431	1399	1340	1260	768	742	728	712	694	669	646	627	606	581
Calhoun	1855	1865	1865	1875	1880	1935	1925	1930	1955	1845	1446	1406	1380	1356	1314	1317	1268	1234	1199	1079	780	754	740	723	699	681	659	639	613	585
Carroll	2935	2970	2985	2965	2945	2885	2845	2850	2860	2935	2267	2214	2182	2113	2026	1925	1838	1784	1731	1706	772	745	731	713	688	667	646	626	605	581
Cass	2340	2340	2305	2315	2350	2330	2245	2240	2230	2360	1803	1758	1707	1671	1635	1569	1462	1414	1357	1375	771	751	741	722	696	673	651	631	609	583
Cedar	2310	2260	2255	2265	2255	2235	2180	2125	2075	2000	1831	1743	1710	1667	1603	1553	1459	1385	1304	1208	793	771	758	736	711	695	669	652	628	604
Cerro Gordo	6725	6685	6675	6675	6645	6730	6680	6550	6460	6330	5445	5274	5169	5036	4846	4762	4569	4350	4145	3901	810	789	774	754	729	708	684	664	642	616
Cherokee	2045	2055	2040	2025	2025	2010	1960	1965	1930	1900	1645	1602	1567	1516	1464	1414	1336	1293	1225	1161	804	780	768	749	723	703	682	658	635	611
Chickasaw	1820	1825	1820	1790	1780	1800	1795	1740	1720	1715	1409	1368	1332	1276	1225	1202	1152	1080	1031	984	774	750	732	713	688	668	642	621	599	574
Clarke	1235	1250	1255	1235	1200	1185	1195	1185	1180	1165	875	855	844	810	753	719	706	679	654	620	709	684	673	656	628	607	591	573	554	532
Clay	2420	2420	2430	2410	2385	2360	2315	2265	2200	2245	1915	1865	1840	1782	1702	1636	1552	1473	1380	1353	791	771	757	739	714	693	670	650	627	603
Clayton	2760	2745	2720	2725	2700	2615	2615	2655	2655	2680	1963	1887	1835	1789	1712	1610	1553	1527	1472	1427	711	687	675	657	634	616	594	575	554	532
Clinton	6600	6600	6575	6550	6615	6665	6675	6615	6510	6610	5342	5195	5074	4934	4828	4734	4576	4394	4177	4074	809	787	772	753	730	710	686	664	642	616
Crawford	2155	2150	2145	2135	2135	2135	2130	2140	2145	2130	1610	1553	1520	1473	1425	1389	1341	1299	1248	1191	747	722	709	690	667	651	630	607	582	559
Dallas	3725	3670	3600	3540	3590	3650	3575	3535	3520	3415	3051	2912	2797	2671	2612	2564	2427	2325	2220	2057	819	793	777	755	728	702	679	658	631	602
Davis	1035	1035	1035	1035	1045	1070	1075	1085	1080	1105	738	715	698	679	668	663	642	624	605	596	713	691	674	656	639	620	597	575	560	539
Decatur	1250	1250	1250	1255	1290	1295	1290	1290	1305	1355	860	839	819	797	791	767	735	713	697	691	688	671	655	635	613	592	570	553	534	510
Delaware	2030	2010	1980	1920	1900	1860	1860	1855	1840	1790	1513	1451	1407	1335	1281	1220	1176	1130	1077	1008	745	722	711	695	674	656	632	609	585	563
Des Moines	5790	5815	5810	5770	5760	5710	5695	5635	5585	5610	4816	4705	4604	4460	4303	4126	3978	3809	3647	3501	832	809	792	773	747	723	699	676	653	624
Dickinson	2780	2750	2705	2650	2605	2615	2615	2570	2530	2490	2231	2147	2054	1957	1860	1811	1754	1667	1582	1493	803	781	759	738	714	693	671	649	625	600
Dubuque	10695	10620	10520	10355	10290	10380	10330	10175	10005	9930	8633	8315	8083	7745	7435	7266	6990	6669	6347	6054	807	783	768	748	723	700	677	655	634	610
Emmet	1600	1615	1625	1630	1640	1645	1640	1680	1660	1640	1293	1266	1246	1214	1182	1153	1114	1104	1051	993	808	784	767	745	721	701	679	657	633	605
Fayette	3075	3065	3070	3090	3085	3070	3030	2990	2955	2985	2292	2224	2185	2136	2069	1994	1899	1811	1722	1664	745	726	712	691	671	650	627	606	583	557

Table 2. OASDI Retired Worker Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Floyd	2505	2505	2505	2510	2520	2480	2465	2485	2485	2480	2018	1955	1929	1888	1824	1736	1669	1636	1577	1506	806	780	770	752	724	700	677	658	635	607
Franklin	1645	1660	1640	1660	1665	1650	1600	1605	1580	1535	1297	1277	1246	1234	1197	1153	1084	1059	1008	937	788	769	760	743	719	699	678	660	638	610
Fremont	1235	1265	1285	1320	1310	1320	1335	1365	1380	1360	961	955	954	950	914	888	869	856	841	791	778	755	742	720	698	673	651	627	609	582
Greene	1700	1720	1740	1735	1775	1750	1770	1735	1680	1680	1345	1325	1317	1279	1261	1200	1181	1125	1059	1021	791	770	757	737	710	686	667	648	630	608
Grundy	1880	1865	1840	1835	1830	1745	1730	1735	1685	1690	1528	1468	1423	1383	1334	1235	1187	1161	1093	1051	813	787	773	754	729	708	686	669	649	622
Guthrie	1965	1950	1935	1925	1905	1885	1880	1920	1900	1820	1488	1432	1383	1336	1282	1228	1183	1166	1112	1025	757	734	715	694	673	651	629	607	585	563
Hamilton	2405	2415	2405	2395	2430	2505	2475	2375	2335	2295	1913	1865	1827	1776	1741	1743	1664	1551	1473	1387	795	772	760	742	716	696	672	653	631	604
Hancock	1625	1630	1620	1635	1610	1555	1540	1580	1595	1585	1294	1258	1227	1211	1159	1099	1061	1051	1022	970	796	772	757	741	720	707	689	665	641	612
Hardin	2955	2960	3005	3005	3025	3070	3130	3110	3100	3055	2363	2304	2296	2242	2172	2135	2102	2027	1958	1851	800	778	764	746	718	695	672	652	632	606
Harrison	2010	2020	2040	2020	2045	2010	2005	2010	2010	1970	1539	1501	1482	1434	1402	1333	1290	1253	1205	1129	766	743	726	710	686	663	643	623	600	573
Henry	2450	2475	2480	2465	2480	2460	2480	2480	2485	2495	1952	1913	1886	1824	1768	1695	1657	1602	1550	1492	797	773	760	740	713	689	668	646	624	598
Howard	1495	1510	1520	1545	1635	1710	1745	1745	1745	1510	1070	1053	1037	1025	1055	1065	1045	1009	974	807	716	697	682	663	645	623	599	578	558	534
Humboldt	1595	1610	1635	1635	1640	1670	1680	1715	1735	1620	1311	1286	1288	1257	1220	1204	1166	1156	1134	1019	822	799	788	769	744	721	694	674	654	629
Ida	1225	1215	1230	1200	1180	1175	1165	1155	1155	1170	941	911	904	864	818	787	751	718	690	667	768	750	735	720	693	670	645	622	597	570
Iowa	2200	2185	2165	2145	2135	2080	2060	2065	2075	2045	1717	1646	1606	1549	1493	1412	1357	1313	1266	1198	780	753	742	722	699	679	659	636	610	586
Jackson	2710	2680	2655	2640	2635	2585	2560	2575	2540	2540	2012	1930	1873	1824	1759	1671	1602	1558	1482	1416	742	720	705	691	668	646	626	605	583	557
Jasper	4950	4925	4885	4815	4775	4690	4675	4615	4530	4410	4092	3936	3838	3683	3528	3360	3240	3104	2940	2752	827	799	786	765	739	716	693	673	649	624
Jefferson	1785	1780	1815	1815	1770	1730	1725	1795	1815	1805	1395	1349	1354	1320	1257	1196	1154	1169	1139	1076	782	758	746	727	710	691	669	651	628	596
Johnson	6885	6685	6530	6355	6265	6150	6080	6000	5790	5640	6043	5700	5465	5160	4933	4671	4465	4261	3966	3695	878	853	837	812	787	760	734	710	685	655
Jones	2550	2505	2490	2445	2405	2365	2360	2330	2295	2280	1997	1904	1866	1791	1704	1619	1562	1492	1414	1342	783	760	749	733	709	685	662	640	616	589
Keokuk	1705	1705	1675	1700	1780	1770	1770	1805	1820	1860	1283	1244	1197	1179	1211	1165	1128	1111	1079	1060	752	730	715	694	680	658	637	616	593	570
Kossuth	2710	2670	2635	2565	2575	2570	2505	2460	2435	2440	2126	2024	1964	1870	1825	1774	1675	1590	1521	1461	785	758	745	729	709	690	669	646	625	599
Lee	4875	4900	4930	4935	4955	4990	5010	5035	5000	5015	3911	3808	3756	3652	3536	3458	3366	3272	3143	3022	802	777	762	740	714	693	672	650	629	603
Linn	20550	20240	20010	19595	19255	19085	18840	18590	18310	17965	17551	16784	16260	15481	14709	14136	13501	12899	12285	11531	854	829	813	790	764	741	717	694	671	642
Louisa	1390	1370	1385	1375	1290	1250	1320	1415	1385	1325	1109	1059	1059	1028	932	883	904	935	883	812	798	773	765	748	722	706	685	661	638	613
Lucas	1445	1425	1440	1435	1455	1465	1495	1475	1445	1445	1064	1016	1009	974	953	924	915	876	831	791	736	713	701	679	655	631	612	594	575	547
Lyon	1590	1590	1570	1550	1525	1535	1505	1455	1430	1425	1191	1161	1124	1085	1035	1012	959	899	856	822	749	730	716	700	679	659	637	618	599	577
Madison	1650	1665	1635	1635	1580	1600	1615	1625	1615	1630	1279	1250	1204	1175	1094	1075	1048	1028	988	955	775	751	736	719	692	672	649	633	612	586
Mahaska	2945	2970	2975	2975	2985	3005	2990	2975	2920	2910	2261	2212	2169	2118	2058	2007	1937	1859	1769	1684	768	745	729	712	689	668	648	625	606	579
Marion	3900	3835	3755	3720	3735	3680	3670	3595	3520	3455	2985	2830	2715	2625	2542	2418	2326	2214	2082	1960	765	738	723	706	681	657	634	616	591	567
Marshall	5360	5340	5380	5445	5400	5340	5350	5310	5290	5370	4433	4273	4219	4155	3988	3830	3715	3566	3425	3329	827	800	784	763	739	717	694	672	647	620
Mills	1485	1480	1465	1460	1435	1415	1390	1405	1405	1330	1180	1141	1115	1073	1019	986	937	916	885	807	795	771	761	735	710	697	674	652	630	607
Mitchell	1695	1685	1655	1665	1585	1575	1580	1585	1570	1765	1313	1264	1129	1206	1111	1069	1034	1003	960	1024	775	750	682	724	701	679	654	633	611	580

Table 2. OASDI Retired Worker Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Monona	1630	1640	1650	1630	1630	1635	1645	1640	1635	1620	1216	1192	1170	1120	1091	1062	1029	996	962	914	746	727	709	687	669	650	626	607	588	564
Monroe	1230	1225	1175	1180	1185	1180	1195	1210	1210	1245	886	857	803	786	767	749	734	717	692	684	720	700	683	666	647	635	614	593	572	549
Montgomery	1900	1915	1930	1970	1990	2005	2010	2000	2010	1985	1489	1452	1431	1424	1394	1359	1321	1266	1230	1166	784	758	741	723	701	678	657	633	612	587
Muscatine	4550	4535	4495	4480	4530	4590	4600	4545	4545	4440	3784	3656	3560	3455	3380	3306	3212	3067	2958	2766	832	806	792	771	746	720	698	675	651	623
O'Brien	2265	2275	2285	2250	2260	2275	2270	2310	2275	2240	1778	1730	1704	1647	1600	1563	1508	1484	1409	1323	785	760	746	732	708	687	664	642	619	591
Osceola	960	965	980	980	995	990	985	970	970	980	753	736	740	718	706	674	652	623	601	580	784	763	755	733	710	681	662	642	620	592
Page	2745	2775	2795	2800	2830	2840	2870	2845	2845	2820	2102	2062	2038	1988	1950	1902	1866	1795	1742	1657	766	743	729	710	689	670	650	631	612	588
Palo Alto	1550	1555	1585	1595	1600	1605	1610	1625	1605	1565	1213	1183	1184	1170	1132	1107	1071	1049	999	937	783	761	747	734	708	690	665	646	622	599
Plymouth	3100	3080	3065	3050	2990	2935	2890	2880	2855	2810	2443	2356	2300	2228	2116	2022	1918	1850	1771	1672	788	765	750	730	708	689	664	642	620	595
Pocahontas	1410	1415	1415	1420	1445	1410	1400	1435	1435	1485	1110	1079	1059	1040	1027	976	945	938	908	910	787	763	748	732	711	692	675	654	633	613
Polk	35310	34900	34750	34185	34060	33910	33780	33455	33005	32665	30217	28879	28195	27046	26056	25146	24207	23215	22114	21008	856	827	811	791	765	742	717	694	670	643
Pottawattamie	9375	9260	9260	9185	9130	9030	8945	8890	8710	8555	7391	7094	6951	6717	6447	6187	5915	5676	5375	5046	788	766	751	731	706	685	661	638	617	590
Poweshiek	2615	2630	2620	2610	2610	2605	2560	2500	2495	2500	2127	2070	2017	1958	1888	1833	1739	1650	1587	1528	813	787	770	750	723	704	679	660	636	611
Ringgold	950	955	965	965	980	975	955	940	915	875	640	626	627	607	599	580	548	525	493	451	674	655	650	629	611	595	574	559	539	515
Sac	1915	1930	1945	1955	1950	1960	1955	1950	1930	1995	1498	1472	1455	1423	1368	1328	1280	1235	1182	1169	782	763	748	728	702	678	655	633	612	586
Scott	15535	15375	15305	15075	15010	14885	14860	14635	14545	14530	12936	12387	12118	11605	11180	10751	10370	9922	9526	9101	833	806	792	770	745	722	698	678	655	626
Shelby	2020	2000	1985	1970	1925	1895	1855	1785	1760	1820	1558	1497	1461	1423	1343	1291	1224	1139	1088	1071	771	749	736	722	698	681	660	638	618	588
Sioux	3530	3475	3465	3410	3405	3350	3260	3180	3125	3060	2764	2643	2594	2486	2398	2285	2161	2045	1948	1830	783	761	749	729	704	682	663	643	623	598
Story	6580	6470	6390	6290	6175	6055	6085	6060	6010	5905	5623	5357	5181	4957	4694	4481	4346	4198	4027	3788	855	828	811	788	760	740	714	693	670	641
Tama	2535	2525	2500	2475	2510	2575	2595	2565	2565	2430	1959	1897	1834	1780	1745	1745	1696	1629	1570	1419	773	751	734	719	695	678	654	635	612	584
Taylor	1175	1160	1175	1185	1200	1285	1280	1285	1320	1275	818	786	779	765	754	780	748	729	723	670	696	678	663	646	628	607	584	567	548	525
Union	1740	1760	1765	1750	1785	1685	1705	1750	1775	1890	1283	1253	1237	1198	1184	1076	1054	1052	1026	1048	737	712	701	685	663	639	618	601	578	554
Van Buren	1250	1265	1245	1230	1270	1265	1265	1275	1270	1240	905	885	851	816	815	789	761	747	713	664	724	700	684	663	642	624	602	586	561	535
Wapello	5040	5070	5150	5120	5105	5115	5145	5155	5120	5170	3977	3885	3867	3752	3618	3519	3426	3332	3196	3111	789	766	751	733	709	688	666	646	624	602
Warren	4010	3930	3845	3750	3680	3390	3335	3205	3135	3025	3260	3092	2968	2800	2649	2377	2259	2095	1974	1813	813	787	772	747	720	701	677	654	630	599
Washington	2950	3025	2965	2910	2950	2960	2965	2930	2865	2770	2323	2310	2229	2146	2097	2037	1965	1883	1767	1658	787	764	752	737	711	688	663	643	617	599
Wayne	1180	1200	1205	1245	1250	1275	1315	1335	1340	1325	807	798	781	795	773	766	766	756	732	696	684	665	648	639	618	601	583	566	546	525
Webster	5715	5770	5750	5805	5820	5775	5770	5770	5750	5790	4681	4594	4498	4432	4294	4130	3989	3873	3739	3613	819	796	782	763	738	715	691	671	650	624
Winnebago	1795	1825	1810	1800	1835	1885	1915	1900	1885	1860	1372	1351	1313	1271	1244	1235	1217	1171	1124	1069	764	740	725	706	678	655	636	616	596	575
Winneshiek	2520	2505	2500	2460	2460	2440	2450	2415	2350	2400	1884	1809	1761	1684	1622	1563	1522	1449	1362	1330	748	722	704	685	659	641	621	600	580	554
Woodbury	11205	11275	11425	11520	11675	11845	11995	11990	11960	12020	9089	8881	8824	8660	8471	8340	8167	7910	7617	7339	811	788	772	752	726	704	681	660	637	611
Worth	1120	1140	1155	1150	1170	1145	1155	1150	1155	1165	848	840	835	806	789	754	729	706	685	663	757	737	723	701	674	659	631	614	593	569
Wright	2220	2255	2200	2260	2260	2250	2270	2240	2225	2270	1796	1770	1706	1714	1656	1603	1557	1477	1415	1392	809	785	775	758	733	712	686	659	636	613
State of Iowa	346715		343050		341222		338329		332664		270574		255797		238447		221377		201406		780	746	699	654	605					
	348253		345506		342370		340257		335112		280347		264515		246739		229893		211680		805	766	721	676	632					

Table 3. OASDI Disabled Worker Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999.

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Adair	95	80	75	80	60	65	60	55	60	60	70	57	51	53	38	42	36	32	35	31	737	705	680	663	633	646	600	582	583	517
Adams	75	85	75	65	70	60	60	55	50	50	50	53	46	40	42	35	33	28	26	25	667	665	613	615	600	583	550	509	520	500
Allamakee	180	170	160	155	150	155	150	140	130	125	128	118	111	104	97	95	88	80	75	70	711	661	694	671	647	613	587	571	577	560
Appanoose	345	320	310	305	285	250	235	230	220	220	242	222	209	198	176	149	137	130	123	118	701	649	674	649	618	596	583	565	559	536
Audubon	90	90	95	90	85	90	80	80	75	70	62	62	65	61	54	56	44	42	40	37	689	680	684	678	635	622	550	525	533	529
Benton	365	350	315	315	310	270	265	235	230	205	275	256	230	224	212	178	169	143	137	115	753	752	730	711	684	659	638	609	596	561
Black Hawk	2405	2335	2275	2270	2280	2195	2135	2075	2025	1980	1747	1645	1591	1549	1510	1421	1340	1277	1228	1168	726	783	699	682	662	647	628	615	606	590
Boone	420	420	405	405	385	375	345	310	300	265	310	303	288	289	263	246	222	194	185	158	738	781	711	714	683	656	643	626	617	596
Bremer	235	235	215	215	200	190	170	170	160	170	183	174	163	156	134	125	112	107	102	100	779	760	758	726	670	658	659	629	638	588
Buchanan	265	275	260	270	265	265	250	260	250	235	201	205	189	193	190	179	165	169	156	142	758	742	727	715	717	675	660	650	624	604
Buena Vista	240	235	205	195	185	180	180	185	190	200	168	157	137	127	116	113	112	110	110	112	700	779	668	651	627	628	622	595	579	560
Butler	195	195	200	195	180	185	180	180	155	150	143	136	139	133	121	125	116	112	94	84	733	721	695	682	672	676	644	622	606	560
Calhoun	175	165	170	175	165	150	140	130	125	115	128	118	122	124	114	100	93	83	80	70	731	771	718	709	691	667	664	638	640	609
Carroll	270	260	260	240	250	235	230	230	210	215	189	177	175	158	163	146	139	135	120	115	700	752	673	658	652	621	604	587	571	535
Cass	265	260	260	255	245	235	210	185	185	170	173	168	172	163	148	140	122	105	98	87	653	744	662	639	604	596	581	568	530	512
Cedar	200	195	200	190	190	170	160	140	135	130	153	145	149	135	133	117	107	90	85	79	765	748	745	711	700	688	669	643	630	608
Cerro Gordo	875	870	865	870	860	845	805	790	745	710	614	598	587	584	553	532	493	476	435	406	702	781	679	671	643	630	612	603	584	572
Cherokee	225	230	235	225	210	220	220	210	205	205	162	162	164	156	142	142	135	124	119	114	720	777	698	693	676	645	614	590	580	556
Chickasaw	175	170	165	170	160	160	150	135	130	125	129	121	115	118	110	106	95	82	77	71	737	685	697	694	688	663	633	607	592	568
Clarke	125	130	130	130	125	125	110	110	110	100	89	89	91	87	85	84	70	69	65	57	712	680	700	669	680	672	636	627	591	570
Clay	290	285	275	275	270	250	255	220	225	215	203	194	180	176	164	149	146	125	126	118	700	751	655	640	607	596	573	568	560	549
Clayton	250	255	270	255	245	225	220	195	190	190	180	174	185	167	153	138	132	113	107	105	720	667	685	655	624	613	600	579	563	553
Clinton	920	885	870	845	845	790	745	685	645	615	687	636	622	599	585	532	486	437	402	373	747	778	715	709	692	673	652	638	623	607
Crawford	305	315	280	295	285	255	230	210	210	210	221	221	191	196	182	159	141	123	118	116	725	699	682	664	639	624	613	586	562	552
Dallas	430	415	400	400	385	355	345	335	300	280	338	319	303	301	285	252	231	219	191	174	786	767	758	753	740	710	670	654	637	621
Davis	130	135	130	120	120	115	105	110	105	110	90	92	88	81	76	75	66	67	61	62	692	673	677	675	633	652	629	609	581	564
Decatur	160	150	140	140	130	130	115	110	95	90	116	105	95	89	79	78	66	59	52	45	725	681	679	636	608	600	574	536	547	500
Delaware	230	215	210	210	195	175	170	165	160	165	159	142	139	135	125	107	98	95	93	92	691	703	662	643	641	611	576	576	581	558
Des Moines	775	755	725	700	715	680	645	585	535	555	562	545	517	489	479	443	410	366	330	328	725	793	713	699	670	651	636	626	617	591
Dickinson	250	235	230	210	195	190	175	155	150	135	188	168	165	145	132	125	114	97	92	79	752	788	717	690	677	658	651	626	613	585
Dubuque	1295	1285	1270	1240	1205	1175	1135	1080	1040	1005	957	935	912	882	843	803	745	700	658	619	739	778	718	711	700	683	656	648	633	616
Emmet	165	170	155	160	165	160	170	150	150	135	119	118	107	109	109	102	103	93	92	80	721	755	690	681	661	638	606	620	613	593
Fayette	335	325	310	300	275	260	260	245	230	215	229	218	208	199	178	161	154	139	127	117	684	701	671	663	647	619	592	567	552	544

Table 3. OASDI Disabled Worker Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Floyd	390	375	345	315	290	255	240	225	225	210	282	263	242	215	195	165	149	138	136	123	723	728	701	683	672	647	621	613	604	586
Franklin	145	155	150	145	135	125	120	120	105	110	108	111	106	97	91	83	77	74	62	62	745	770	707	669	674	664	642	617	590	564
Fremont	160	160	150	150	150	150	145	140	125	110	113	110	102	103	97	95	88	82	70	55	706	721	680	687	647	633	607	586	560	500
Greene	190	180	170	170	165	140	130	120	120	115	127	118	112	110	106	85	76	69	69	65	668	775	659	647	642	607	585	575	575	565
Grundy	150	155	140	135	130	125	110	105	100	95	120	120	106	98	91	85	74	67	62	56	800	810	757	726	700	680	673	638	620	589
Guthrie	205	195	175	170	165	150	145	140	125	130	149	141	123	115	105	95	87	81	74	74	727	703	703	676	636	633	600	579	592	569
Hamilton	235	240	235	215	215	220	190	180	175	180	162	158	153	136	130	131	112	99	98	98	689	758	651	633	605	595	589	550	560	544
Hancock	160	145	135	145	145	130	115	110	100	95	116	103	96	98	95	81	71	65	57	50	725	790	711	676	655	623	617	591	570	526
Hardin	275	265	245	260	255	235	215	200	210	190	206	189	173	182	170	149	134	121	124	107	749	779	706	700	667	634	623	605	590	563
Harrison	270	255	235	235	230	235	200	200	190	170	193	175	159	157	154	148	124	122	116	94	715	715	677	668	670	630	620	610	611	553
Henry	300	275	275	270	245	235	225	215	220	185	213	189	185	178	156	146	137	126	123	98	710	770	673	659	637	621	609	586	559	530
Howard	135	130	125	115	120	120	115	110	110	95	94	86	82	74	75	70	65	60	60	51	696	655	656	643	625	583	565	545	545	537
Humboldt	155	170	160	150	145	135	125	115	100	95	113	119	111	100	94	84	73	68	58	53	729	797	694	667	648	622	584	591	580	558
Ida	105	105	100	95	85	80	75	75	75	65	72	73	70	62	54	48	42	41	41	34	686	743	700	653	635	600	560	547	547	523
Iowa	195	180	175	175	165	160	140	135	130	130	141	129	124	122	110	105	89	81	76	72	723	741	709	697	667	656	636	600	585	554
Jackson	310	305	280	280	275	270	260	260	235	235	230	222	198	197	186	179	170	166	146	140	742	698	707	704	676	663	654	638	621	596
Jasper	595	570	540	525	525	530	495	455	415	375	445	411	379	364	347	333	297	271	246	219	748	787	702	693	661	628	600	596	593	584
Jefferson	235	230	225	220	210	190	180	185	165	170	161	152	147	142	134	115	106	106	91	94	685	745	653	645	638	605	589	573	552	553
Johnson	1165	1105	1060	1020	950	920	825	795	730	660	845	774	729	683	609	572	496	460	411	360	725	809	688	670	641	622	601	579	563	545
Jones	255	250	235	230	205	185	170	155	150	160	191	186	170	161	138	123	105	92	91	96	749	696	723	700	673	665	618	594	607	600
Keokuk	190	180	190	195	180	175	175	155	140	145	141	125	130	131	119	115	111	95	81	82	742	691	684	672	661	657	634	613	579	566
Kossuth	245	240	240	230	215	200	190	160	150	130	168	163	161	152	138	122	110	91	82	70	686	768	671	661	642	610	579	569	547	538
Lee	730	695	655	640	625	565	545	505	455	445	544	509	471	449	426	370	345	322	286	264	745	765	719	702	682	655	633	638	629	593
Linn	2610	2525	2415	2365	2280	2245	2125	2025	1850	1760	1957	1834	1735	1669	1558	1493	1381	1286	1138	1043	750	794	718	706	683	665	650	635	615	593
Louisa	195	190	175	175	160	135	125	140	115	115	150	144	131	131	116	95	88	93	73	70	769	774	749	749	725	704	704	664	635	609
Lucas	185	185	185	185	180	175	150	125	130	125	130	125	124	125	116	109	92	77	80	70	703	680	670	676	644	623	613	616	615	560
Lyon	110	120	115	115	110	110	100	90	95	85	82	88	84	81	73	72	61	52	52	45	745	731	730	704	664	655	610	578	547	529
Madison	190	185	170	165	155	140	125	105	105	90	150	143	127	121	110	97	82	66	65	52	789	751	747	733	710	693	656	629	619	578
Mahaska	350	350	320	310	305	285	265	270	255	240	259	244	224	214	201	179	159	157	146	132	740	744	700	690	659	628	600	581	573	550
Marion	565	535	555	535	530	505	475	445	425	405	443	401	415	389	377	346	312	286	263	244	784	722	748	727	711	685	657	643	619	602
Marshall	700	685	650	640	625	570	545	510	475	460	511	491	456	443	421	369	341	317	289	279	730	797	702	692	674	647	626	622	608	607
Mills	235	205	200	180	175	170	170	170	165	145	175	149	143	127	118	106	101	99	91	77	745	745	715	706	674	624	594	582	552	531
Mitchell	145	145	140	130	105	105	95	100	100	105	105	103	98	93	72	72	60	64	60	60	724	732	700	715	686	686	632	640	600	571

Table 3. OASDI Disabled Worker Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Monona	160	165	155	140	140	135	140	140	130	120	116	113	103	95	91	85	84	82	74	65	725	717	665	679	650	630	600	586	569	542
Monroe	160	155	155	155	160	145	135	125	120	120	122	116	112	110	106	94	85	78	71	72	763	650	723	710	663	648	630	624	592	600
Montgomery	265	250	250	245	230	205	185	175	170	160	178	163	162	159	144	129	109	100	100	93	672	761	648	649	626	629	589	571	588	581
Muscatine	695	670	655	645	620	590	565	510	480	450	533	503	486	463	434	404	373	327	295	266	767	782	742	718	700	685	660	641	615	591
O'Brien	215	200	205	195	185	185	180	165	150	145	149	135	140	127	121	116	104	92	83	80	693	759	683	651	654	627	578	558	553	552
Osceola	85	85	95	85	90	95	95	80	85	80	59	58	65	58	58	61	58	48	49	46	694	755	684	682	644	642	611	600	576	575
Page	335	295	285	285	290	270	245	240	230	215	232	199	187	180	174	157	135	133	121	107	693	738	656	632	600	581	551	554	526	498
Palo Alto	160	155	160	165	170	170	175	170	165	140	107	100	102	105	105	101	100	95	93	77	669	743	638	636	618	594	571	559	564	550
Plymouth	340	325	310	310	280	255	255	245	225	210	240	222	211	203	178	155	152	141	129	114	706	749	681	655	636	608	596	576	573	543
Pocahontas	130	125	120	115	105	105	95	90	80	85	93	90	82	81	70	68	61	54	47	46	715	761	683	704	667	648	642	600	588	541
Polk	5590	5440	5300	5195	5095	4840	4490	4225	3900	3720	4192	3981	3837	3655	3470	3177	2879	2644	2379	2193	750	801	724	704	681	656	641	626	610	590
Pottawattamie	1810	1730	1680	1575	1555	1505	1425	1325	1215	1180	1281	1186	1134	1049	1012	952	882	801	727	684	708	746	675	666	651	633	619	605	598	580
Poweshiek	240	230	220	225	220	200	185	180	180	165	178	168	158	158	144	129	112	107	104	92	742	755	718	702	655	645	605	594	578	558
Ringgold	95	95	90	95	95	95	85	80	70	75	67	67	61	65	63	61	52	46	40	40	705	656	678	684	663	642	612	575	571	533
Sac	170	155	155	160	155	150	150	145	145	135	120	105	103	103	96	95	91	87	83	76	706	738	665	644	619	633	607	600	572	563
Scott	2460	2405	2330	2335	2230	2150	2005	1860	1745	1635	1854	1769	1684	1656	1546	1451	1323	1185	1084	984	754	784	723	709	693	675	660	637	621	602
Shelby	170	165	155	140	130	125	120	105	105	95	120	111	99	88	82	76	70	60	58	53	706	760	639	629	631	608	583	571	552	558
Sioux	280	280	270	265	270	270	245	255	225	210	192	185	180	171	169	163	142	138	119	113	686	746	667	645	626	604	580	541	529	538
Story	675	650	620	595	575	540	545	510	465	415	489	449	426	399	377	338	322	296	265	230	724	840	687	671	656	626	591	580	570	554
Tama	220	205	200	195	175	180	165	155	150	135	165	149	140	138	119	120	102	94	89	81	750	738	700	708	680	667	618	606	593	600
Taylor	120	125	120	120	100	95	90	90	90	95	86	87	82	83	64	60	54	50	53	53	717	651	683	692	640	632	600	556	589	558
Union	255	250	235	230	230	215	200	180	170	185	173	162	151	140	136	124	110	98	91	95	678	696	643	609	591	577	550	544	535	514
Van Buren	135	130	120	105	110	105	105	95	80	75	99	94	86	75	75	67	64	56	46	43	733	653	717	714	682	638	610	589	575	573
Wapello	910	865	865	855	820	795	750	725	680	640	644	603	597	578	544	509	475	449	407	366	708	732	690	676	663	640	633	619	599	572
Warren	585	560	510	495	485	415	380	360	330	285	468	438	400	377	351	290	253	235	216	178	800	760	784	762	724	699	666	653	655	625
Washington	290	290	275	260	260	245	240	225	215	200	210	202	191	174	168	152	147	136	125	116	724	769	695	669	646	620	613	604	581	580
Wayne	140	130	125	115	110	105	95	95	90	95	101	91	88	78	73	66	55	55	51	51	721	668	704	678	664	629	579	579	567	537
Webster	830	820	790	770	750	730	710	670	650	620	586	565	538	512	489	468	443	405	388	359	706	778	681	665	652	641	624	604	597	579
Winnebago	135	135	130	130	120	120	120	100	100	90	99	96	89	86	77	77	72	59	57	49	733	716	685	662	642	642	600	590	570	544
Winneshiek	230	215	195	190	185	180	165	160	155	140	152	139	124	121	116	108	95	92	87	78	661	697	636	637	627	600	576	575	561	557
Woodbury	1830	1835	1780	1785	1730	1685	1635	1590	1545	1480	1258	1241	1193	1174	1109	1041	982	944	893	827	687	758	670	658	641	618	601	594	578	559
Worth	135	125	115	110	100	95	95	100	95	90	97	91	80	74	65	62	58	61	55	49	719	706	696	673	650	653	611	610	579	544
Wright	210	195	195	195	185	160	170	150	135	140	147	132	124	121	116	99	101	89	78	79	700	783	636	621	627	619	594	593	578	564
State of Iowa	44894	43645	42170	41312	40098	38313	36209	34317	32327	30897	32758	30998	29594	28381	26720	24751	22702	21012	19341	17872	730	757	687	666	646	627	612	598	578	

Table 4. OASDI Survivor Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999.

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Adair	275	295	290	310	325	340	340	340	340	325	199	208	201	206	206	212	202	195	189	176	724	705	693	665	634	624	594	574	556	542
Adams	185	185	180	185	180	175	165	175	175	185	127	123	120	119	112	107	95	97	91	94	686	665	667	643	622	611	576	554	520	508
Allamakee	410	410	420	435	450	460	470	480	490	495	279	271	268	268	267	265	262	258	252	242	680	661	638	616	593	576	557	538	514	489
Appanoose	510	510	550	575	565	580	585	590	575	575	344	331	346	347	329	324	319	308	289	275	675	649	629	603	582	559	545	522	503	478
Audubon	245	250	260	260	260	275	280	285	285	275	169	170	173	167	162	167	165	162	155	140	690	680	665	642	623	607	589	568	544	509
Benton	670	665	670	685	710	720	715	720	710	690	522	500	489	483	477	466	450	437	414	385	779	752	730	705	672	647	629	607	583	558
Black Hawk	2685	2725	2810	2895	2925	2985	3040	3045	3040	3045	2177	2135	2146	2147	2083	2047	2005	1939	1872	1796	811	783	764	742	712	686	660	637	616	590
Boone	620	635	645	660	685	695	690	705	715	695	508	496	494	485	487	472	448	439	428	398	819	781	766	735	711	679	649	623	599	573
Bremer	665	670	680	710	705	705	715	685	695	725	526	509	503	507	482	464	454	420	406	404	791	760	740	714	684	658	635	613	584	557
Buchanan	570	585	590	590	595	610	615	625	615	610	437	434	428	410	397	391	381	374	354	339	767	742	725	695	667	641	620	598	576	556
Buena Vista	565	560	590	620	630	625	620	635	645	665	452	436	449	456	446	423	406	398	387	377	800	779	761	735	708	677	655	627	600	567
Butler	605	610	635	640	670	670	675	705	700	685	454	440	447	433	434	418	406	409	388	363	750	721	704	677	648	624	601	580	554	530
Calhoun	475	510	510	540	565	595	605	605	615	620	378	393	383	393	396	398	390	376	367	354	796	771	751	728	701	669	645	621	597	571
Carroll	690	705	730	750	765	775	795	795	775	800	537	530	535	534	519	502	498	478	446	440	778	752	733	712	678	648	626	601	575	550
Cass	520	540	580	600	605	615	595	615	625	665	408	402	423	423	412	401	375	377	367	368	785	744	729	705	681	652	630	613	587	553
Cedar	480	485	500	515	515	530	515	530	515	520	373	363	360	359	344	342	319	319	297	286	777	748	720	697	668	645	619	602	577	550
Cerro Gordo	1320	1315	1310	1360	1395	1430	1460	1435	1470	1475	1065	1027	997	999	985	971	955	906	894	855	807	781	761	735	706	679	654	631	608	580
Cherokee	430	440	450	470	485	475	470	480	485	485	346	342	337	340	334	316	306	303	294	279	805	777	749	723	689	665	651	631	606	575
Chickasaw	445	435	445	455	450	480	480	480	465	480	318	298	295	291	279	287	275	264	246	244	715	685	663	640	620	598	573	550	529	508
Clarke	220	225	225	235	240	255	260	260	255	265	153	153	149	150	147	152	148	142	133	133	695	680	662	638	613	596	569	546	522	502
Clay	505	510	505	530	540	580	580	570	565	560	391	383	377	379	375	387	371	351	330	311	774	751	747	715	694	667	640	616	584	555
Clayton	630	625	625	665	690	675	685	715	705	695	431	417	408	416	413	389	382	386	362	336	684	667	653	626	599	576	558	540	513	483
Clinton	1235	1270	1305	1370	1385	1405	1430	1465	1460	1470	991	988	986	1001	975	952	932	924	883	845	802	778	756	731	704	678	652	631	605	575
Crawford	540	555	560	585	575	575	595	600	590	585	391	388	382	387	361	347	343	334	317	301	724	699	682	662	628	603	576	557	537	515
Dallas	660	670	700	735	750	775	785	755	730	730	529	514	520	535	522	517	502	468	435	417	802	767	743	728	696	667	639	620	596	571
Davis	245	245	250	265	280	265	270	285	265	280	170	165	166	171	176	163	159	161	146	147	694	673	664	645	629	615	589	565	551	525
Decatur	260	260	260	270	280	280	270	270	270	265	183	177	170	169	167	159	147	142	139	126	704	681	654	626	596	568	544	526	515	475
Delaware	425	435	455	455	455	450	450	480	460	455	309	306	311	302	290	278	268	276	253	238	727	703	684	664	637	618	596	575	550	523
Des Moines	950	965	970	1035	1080	1075	1060	1075	1060	1080	775	765	755	780	776	742	704	691	652	629	816	793	778	754	719	690	664	643	615	582
Dickinson	490	490	505	515	535	520	530	540	545	515	402	386	385	381	377	354	344	338	326	290	820	788	762	740	705	681	649	626	598	563
Dubuque	2000	2035	2075	2140	2210	2250	2270	2275	2255	2225	1613	1584	1580	1586	1566	1535	1491	1445	1376	1295	807	778	761	741	709	682	657	635	610	582
Emmet	380	375	385	405	415	420	440	435	450	440	300	283	285	288	285	278	276	263	261	248	789	755	740	711	687	662	627	605	580	564
Fayette	735	730	755	775	800	785	790	785	790	795	537	512	511	504	499	475	463	441	427	412	731	701	677	650	624	605	586	562	541	518

Table 4. OASDI Survivor Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Floyd	550	570	600	630	640	630	630	630	630	650	412	415	429	438	431	409	390	378	363	361	749	728	715	695	673	649	619	600	576	555
Franklin	385	395	405	415	430	435	435	450	475	445	310	304	304	301	300	292	280	278	282	253	805	770	751	725	698	671	644	618	594	569
Fremont	230	240	250	275	285	295	285	285	265	275	173	173	178	188	182	182	171	168	149	147	752	721	712	684	639	617	600	589	562	535
Greene	340	360	370	395	400	415	420	430	435	450	275	279	280	287	281	283	272	272	266	260	809	775	757	727	703	682	648	633	611	578
Grundy	400	400	420	430	445	425	435	450	470	475	333	324	326	322	318	290	286	284	287	276	833	810	776	749	715	682	657	631	611	581
Guthrie	380	400	420	430	440	460	465	475	465	475	277	281	291	287	281	284	281	277	258	252	729	703	693	667	639	617	604	583	555	531
Hamilton	435	455	465	485	475	495	500	515	520	515	342	345	342	350	326	326	316	315	307	292	786	758	735	722	686	659	632	612	590	567
Hancock	370	385	390	425	440	445	445	455	450	445	302	304	301	313	309	302	287	280	266	252	816	790	772	736	702	679	645	615	591	566
Hardin	700	710	715	735	755	770	795	825	830	815	560	553	543	536	524	517	513	508	489	464	800	779	759	729	694	671	645	616	589	569
Harrison	480	485	510	525	525	560	560	565	565	555	357	347	359	358	343	351	339	329	316	301	744	715	704	682	653	627	605	582	559	542
Henry	470	470	470	505	525	540	540	545	555	555	375	362	353	367	366	369	354	343	335	320	798	770	751	727	697	683	656	629	604	577
Howard	395	415	430	435	445	460	465	475	470	400	272	272	274	268	263	262	253	251	239	195	689	655	637	616	591	570	544	528	509	488
Humboldt	390	395	420	445	450	450	460	470	460	400	322	315	322	327	321	313	311	305	287	240	826	797	767	735	713	696	676	649	624	600
Ida	295	300	305	340	340	340	350	365	365	370	226	223	218	238	228	221	218	221	211	204	766	743	715	700	671	650	623	605	578	551
Iowa	415	440	440	480	470	470	490	495	490	500	318	326	319	332	315	306	306	298	284	274	766	741	725	692	670	651	624	602	580	548
Jackson	600	605	610	645	640	650	645	640	640	640	433	422	418	421	400	391	376	358	345	326	722	698	685	653	625	602	583	559	539	509
Jasper	830	860	860	900	925	930	950	985	980	965	677	677	661	669	660	643	626	622	595	554	816	787	769	743	714	691	659	631	607	574
Jefferson	335	345	355	375	365	355	360	365	370	395	259	257	260	264	249	232	223	218	214	216	773	745	732	704	682	654	619	597	578	547
Johnson	1000	995	1030	1050	1080	1075	1060	1080	1075	1015	842	805	812	807	801	758	722	704	673	605	842	809	788	769	742	705	681	652	626	596
Jones	570	575	580	590	590	585	570	570	565	560	412	400	393	390	377	363	340	328	315	291	723	696	678	661	639	621	596	575	558	520
Keokuk	450	450	445	460	480	480	490	500	500	505	319	311	304	305	303	296	290	287	281	269	709	691	683	663	631	617	592	574	562	533
Kossuth	660	665	675	695	700	710	725	735	755	765	525	511	506	500	488	475	464	452	445	431	795	768	750	719	697	669	640	615	589	563
Lee	955	1000	1015	1060	1050	1065	1075	1090	1090	1095	761	765	759	768	733	714	693	676	646	617	797	765	748	725	698	670	645	620	593	563
Linn	3125	3145	3190	3305	3335	3335	3360	3370	3325	3310	2576	2498	2492	2496	2408	2316	2259	2184	2066	1966	824	794	781	755	722	694	672	648	621	594
Louisa	265	265	270	275	265	270	280	280	280	270	214	205	205	203	189	187	188	178	172	156	808	774	759	738	713	693	671	636	614	578
Lucas	290	300	310	320	320	315	305	320	325	320	202	204	208	208	199	188	173	177	176	164	697	680	671	650	622	597	567	553	542	513
Lyon	380	390	390	395	410	405	410	435	445	455	287	285	280	275	274	260	250	254	252	245	755	731	718	696	668	642	610	584	566	538
Madison	330	350	350	370	375	375	375	370	370	370	254	263	256	261	257	245	234	224	216	204	770	751	731	705	685	653	624	605	584	551
Mahaska	530	540	565	580	590	605	600	610	625	610	405	402	409	407	396	390	367	360	355	331	764	744	724	702	671	645	612	590	568	543
Marion	740	760	775	820	825	805	805	830	850	855	561	549	547	551	536	506	487	487	480	461	758	722	706	672	650	629	605	587	565	539
Marshall	875	900	930	975	995	1010	1010	1025	1040	1045	724	717	720	725	713	697	669	650	635	608	827	797	774	744	717	690	662	634	611	582
Mills	250	255	265	280	290	290	280	270	275	295	197	190	194	201	199	192	178	165	159	164	788	745	732	718	686	662	636	611	578	556
Mitchell	345	365	380	395	385	390	390	395	395	445	264	267	271	269	252	245	237	232	222	236	765	732	713	681	655	628	608	587	562	530

Table 4. OASDI Survivor Recipients, Benefits, and Average Benefits in Iowa's Counties for December, 1990-1999 (continued).

County	Total December Recipients										Total December Benefits (in \$1,000s)										Avg. Dec. Benefits Per Recipient (\$s)									
	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	'99	'98	'97	'96	'95	'94	'93	'92	'91	'90
Monona	465	480	510	505	515	515	520	520	515	505	343	344	360	343	333	323	315	303	287	272	738	717	706	679	647	627	606	583	557	539
Monroe	275	280	265	275	275	290	305	305	315	320	185	182	174	175	167	167	170	165	163	159	673	650	657	636	607	576	557	541	517	497
Montgomery	350	360	370	385	385	395	400	410	415	435	273	274	273	270	260	255	251	248	242	241	780	761	738	701	675	646	628	605	583	554
Muscatine	810	840	865	890	900	935	945	955	955	940	655	657	660	650	632	630	613	599	575	538	809	782	763	730	702	674	649	627	602	572
O'Brien	580	585	595	605	620	620	625	660	670	665	460	444	440	433	427	411	401	408	397	374	793	759	739	716	689	663	642	618	593	562
Osceola	260	265	270	290	290	300	300	305	305	305	206	200	199	207	197	196	188	184	173	164	792	755	737	714	679	653	627	603	567	538
Page	460	470	505	535	550	560	555	575	580	600	347	347	362	372	368	361	338	339	330	329	754	738	717	695	669	645	609	590	569	548
Palo Alto	405	420	425	445	445	455	450	470	470	485	313	312	307	310	297	291	276	278	270	268	773	743	722	697	667	640	613	591	574	553
Plymouth	645	670	680	695	735	725	725	735	745	720	500	502	495	491	500	470	448	441	425	390	775	749	728	706	680	648	618	600	570	542
Pocahontas	365	380	380	395	405	405	425	415	425	465	283	289	286	288	280	270	272	253	251	262	775	761	753	729	691	667	640	610	591	563
Polk	5305	5310	5420	5620	5670	5740	5815	5835	5770	5840	4400	4253	4220	4226	4079	3986	3886	3752	3577	3448	829	801	779	752	719	694	668	643	620	590
Pottawattamie	1690	1690	1700	1770	1830	1830	1820	1805	1765	1760	1307	1260	1241	1253	1240	1201	1157	1105	1038	980	773	746	730	708	678	656	636	612	588	557
Poweshiek	465	485	490	495	505	505	520	525	525	530	365	366	361	353	347	333	329	321	311	299	785	755	737	713	687	659	633	611	592	564
Ringgold	195	195	200	220	220	220	220	235	230	230	130	128	126	134	128	123	116	120	114	109	667	656	630	609	582	559	527	511	496	474
Sac	420	450	455	450	470	465	480	475	470	510	324	332	328	314	313	302	301	287	272	285	771	738	721	698	666	649	627	604	579	559
Scott	2780	2835	2860	2980	3030	3065	3080	3035	3000	3030	2254	2223	2194	2218	2174	2115	2045	1944	1847	1787	811	784	767	744	717	690	664	641	616	590
Shelby	420	425	440	465	470	475	475	465	475	505	324	323	323	330	320	315	303	284	279	285	771	760	734	710	681	663	638	611	587	564
Sioux	835	835	830	865	900	935	945	960	950	945	648	623	597	606	608	612	595	584	552	523	776	746	719	701	676	655	630	608	581	553
Story	1020	1035	1035	1095	1105	1095	1120	1115	1140	1115	885	869	849	865	840	799	788	751	734	680	868	840	820	790	760	730	704	674	644	610
Tama	595	610	625	650	670	690	680	695	690	680	456	450	454	460	455	453	429	421	404	377	766	738	726	708	679	657	631	606	586	554
Taylor	250	255	265	290	280	290	295	300	310	315	168	166	168	175	162	164	161	158	158	151	672	651	634	603	579	566	546	527	510	479
Union	365	365	385	405	400	400	430	445	440	465	263	254	259	265	248	238	247	246	232	236	721	696	673	654	620	595	574	553	527	508
Van Buren	265	245	250	265	285	290	290	295	295	305	179	160	162	165	171	169	162	161	153	149	675	653	648	623	600	583	559	546	519	489
Wapello	1080	1130	1140	1205	1200	1205	1215	1230	1270	1255	815	827	815	840	803	778	755	742	740	699	755	732	715	697	669	646	621	603	583	557
Warren	615	620	610	630	645	610	635	630	630	605	484	471	451	444	439	394	396	373	361	330	787	760	739	705	681	646	624	592	573	545
Washington	535	550	570	560	585	620	630	635	635	620	423	423	428	402	404	409	398	384	368	345	791	769	751	718	691	660	632	605	580	556
Wayne	270	265	280	285	300	310	310	320	320	330	188	177	180	173	175	174	169	167	161	160	696	668	643	607	583	561	545	522	503	485
Webster	1045	1040	1085	1125	1125	1175	1195	1210	1230	1280	841	809	829	826	792	798	779	757	740	735	805	778	764	734	704	679	652	626	602	574
Winnebago	330	345	360	365	410	415	415	425	440	425	245	247	253	248	268	260	254	251	252	231	742	716	703	679	654	627	612	591	573	544
Winneshiek	520	505	520	515	530	530	530	535	545	550	377	352	354	340	339	325	314	302	296	282	725	697	681	660	640	613	592	564	543	513
Woodbury	2075	2155	2180	2280	2300	2380	2410	2490	2500	2525	1630	1634	1619	1651	1596	1592	1549	1541	1489	1434	786	758	743	724	694	669	643	619	596	568
Worth	260	265	265	275	280	285	285	300	310	305	189	187	185	186	188	184	178	181	176	163	727	706	698	676	671	646	625	603	568	534
Wright	520	545	570	590	615	610	600	575	585	635	422	427	438	436	436	418	398	365	354	367	812	783	768	739	709	685	663	635	605	578
State of Iowa	68878	68001	69459	72097	73347	74197	74866	75606	75588	75842	52444	51486	51327	51499	50293	49000	47639	46346	44521	42593	784	757	714	686	660	636	613	589	562	

Story, Warren) had at least 500 more. Increased recipients translated into benefit gains of 10-19 percent in 16 counties and more than 20 percent in Johnson and Warren.

Seventy percent (\$280 million) of the total 1999 OASDI benefits (\$397 million) in Iowa were paid to retired workers. Recipients in Black Hawk, Linn, Polk, and Scott received more than \$10 million in retired worker benefits in 1999; Cerro Gordo, Clinton, Dubuque, Johnson, Pottawattamie, Story, and Woodbury each had \$5-\$9 million. Fifteen counties received less than \$1 million in retired worker benefits in the last month of 1999. Retired worker benefits averaged \$805 in December of 1999. Payments per recipient ranged from less than \$700 in four counties to at least \$850 in four others.

Disabled Worker Recipients, Benefits, and Average Benefits

In December of 1999, recipients of disabled worker benefits numbered 44,900 (Table 3). While Adair, Adams, Audubon, Osceola, and Ringgold each had fewer than 100 such recipients, Black Hawk, Dubuque, Johnson, Linn, Polk, Pottawattamie, Scott, and Woodbury all had more than 1,000. All 99 counties reported increases in their disabled worker recipients from 1990 to 1999. These increases ranged from fewer than 10 (Osceola) to 500 or more (Johnson, Linn, Polk, Pottawattamie, Scott). Statewide, the increase was 14,000. In 48 counties, increases from 1990 to 1999 among disabled workers exceeded 50 percent; Madison and Warren had percentage gains of more than 100 percent.

Disabled worker benefits totaled \$33.0 million in the last month of 1999. Average benefits per recipient ranged from a low of \$653 (Cass) to a high of \$800 (Grundy and Warren). Statewide, disabled benefits averaged \$730 per recipient in December of 1999.

Survivor Recipients, Benefits, and Average Benefits

Survivor benefits were paid to 66,900 widows and widowers in December of 1999 (Table 4). Adams, Audubon, Clarke, Davis, Fremont, and Ringgold were the only counties with fewer than 250 recipients of survivor benefits; Black Hawk, Linn, Polk, and Scott had more than 2,500. Only Jones and Warren reported more recipients of survivor benefits in 1999 than in 1990; Adams had the same number both years and the remaining 96 counties had declines. Statewide, survivor beneficiaries declined by 9,000 over that period. Although in no county did recipients increase by 10 percent, 70 counties had declines of that magnitude.

The survivors shared \$52.4 million in benefits in 1999. The two counties with the lowest numbers of recipients (Adams, Ringgold) each received less than \$150,000, while those in Black Hawk, Dubuque, Linn, Polk, Scott, and Woodbury were sent at least \$1.5 million in benefits.

Widows and widowers (\$784) averaged slightly higher payments in 1999 than disabled workers (\$730), but not as much as retired workers (\$805). Fourteen counties averaged less than \$700 in benefits to survivors while only Story's average was more than \$850 that year.

Note: These data, although originally from the U.S. Social Security Administration, were taken from a CD-ROM from the U.S. Bureau of the Census called "USA Counties 1998: A Statistical Abstract Supplement" or paper copies provided by the administration. Rounded figures were reported for all data categories except for total recipients in the four most recent years.

State Personal Income Tax in Iowa's Counties: 1979, 1989, 1994, 1998, and 1999

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Each year, individuals file personal income tax returns with the State of Iowa. The Iowa Department of Revenue and Finance summarizes some of the information provided on tax returns and reports it for the state and its counties. In this section, details on the number of returns and the credits claimed are noted along with adjusted gross income, net taxable income, and tax paid. Five points in a 21-year period were selected for examination: 1979, 1989, 1994, 1998, and 1999. The 1999 data, which were filed in 2000, were the most recent available. In the analysis that follows, discussion will be limited to returns filed by residents of Iowa. Information for nonresident returns is included at the end of each table as well as data on the total returns (returns from Iowa residents plus returns from nonresidents).

Returns and Credits

In 1999, nearly 1.7 million returns were received from Iowans (Table 1); the increase was 17,800 from 1998 (Table 2), 99,000 from 1994 (Table 3), 94,000 from 1989 (Table 4), and 156,000 from 1979 (Table 5). The number of returns varied substantially across Iowa's counties, with population size the primary cause of differences. Polk had 223,000 returns in 1999; Linn was the only other county with at least 100,000 returns. Black Hawk, Dubuque, Johnson, Scott, and Woodbury had at least 50,000 tax returns filed that year. More than half (54) of the counties reported fewer than 10,000 returns, with Adams and Ringgold below 3,000.

Higher numbers of returns occurred in 1999 than in 1989 in more than half (54) of Iowa's 99 counties. Gains between 1989 and 1999 exceeded 10,000 returns in Linn and Polk. Another 16 counties reported increases of 1,000 to 9,999 returns. No county decreased by at least 1,000 among the 45 counties with fewer tax returns in 1999 than in 1989; only Calhoun, Kossuth, Pocahontas, and Wayne declined by more than 500 returns. Claims of personal credits dropped in 53 counties in this period; slightly more (59) counties had fewer dependent credits in 1999 than 10 years earlier.

Income and Tax Paid

On personal income tax forms for the state, income first is requested in a variety of categories. Then adjustments are allowed (for example, certain types of retirement savings, health insurance, alimony, moving expenses) for those qualified, the sum of which is subtracted from gross income. The result of these calculations generally is called adjusted gross income, which totaled \$48.8 billion on state tax forms returned by Iowa filers for 1999 (Table 1). This represented an increase of \$18.5 billion from the 1989 figure of \$30.3 billion (Table 4). When inflation was taken into account, however, the \$8.4 billion change from 1989 (\$40.4 billion when adjusted to 1999 dollars) to 1999 (\$48.8 billion) reflected substantially smaller real growth in adjusted gross income.

Adjusted gross income totaled \$8.4 billion in Polk County in 1999; others above \$1 billion included Black Hawk, Dubuque, Johnson, Linn, Pottawattamie, Scott, Story, and Woodbury. Less than \$100 million in adjusted gross income was noted in nine counties. From 1989 to 1999, adjusted gross income increased in all counties. When inflation was taken into account, all but eight counties continued to have higher gross income at the end of the period than at the beginning; the magnitude of the increases were much lower after inflation was accounted for, however. Increases after inflation greater than \$50 million occurred in 26 counties, with Polk's gain exceeding \$2 billion.

Table 1. Personal Income Tax for 1999 (filed in 2000) in Iowa's Counties.

County	Number of Returns	Adjusted Gross Income (in \$1,000s)	Net Taxable Income (in \$1,000s)	Tax Paid (in \$1,000s)	Person Credits	Dependent Credits
Adair	4705	104096	80171	3496	6753	2038
Adams	2537	49103	37908	1568	3634	1205
Allamakee	8279	177479	135663	5359	11455	4063
Appanoose	7080	148888	113199	4849	10091	3390
Audubon	3838	78820	61161	2614	5568	1831
Benton	14680	378297	289476	13701	19449	7192
Black Hawk	69576	1967601	1464231	72482	92128	31443
Boone	15159	392380	295568	14026	20293	6954
Bremer	13925	377090	283116	13846	18521	6481
Buchanan	11470	292607	222574	10437	15392	6173
Buena Vista	11367	277609	209619	9563	15841	6209
Butler	9006	201716	156139	6964	12454	4034
Calhoun	6510	140195	106539	4702	9255	2832
Carroll	13701	332552	250960	11592	18347	6793
Cass	8788	196758	148939	6403	12462	3985
Cedar	11043	336343	257999	13772	14670	4884
Cerro Gordo	27262	748300	557557	27634	36639	11976
Cherokee	7965	182851	142091	6532	11049	3559
Chickasaw	7938	198757	155932	7573	10719	3860
Clarke	5138	109825	84400	3564	7169	2569
Clay	11013	279491	211094	10071	14851	4982
Clayton	10872	235088	179262	7386	15047	5149
Clinton	28570	717729	545042	25770	38595	13770
Crawford	9555	203751	157148	6850	13175	4978
Dallas	23159	853556	621700	34389	29713	11886
Davis	4280	88710	67906	2832	6119	2404
Decatur	3786	73753	56028	2225	5483	1982
Delaware	10794	239939	183403	8146	14311	5895
Des Moines	24788	692418	524172	26357	33615	11308
Dickinson	10692	323333	237639	12282	14635	4034
Dubuque	53495	1538900	1132607	55452	69458	26279
Emmet	6303	142056	108082	4648	8638	2873
Fayette	12059	259107	200905	8871	16746	5953
Floyd	9714	226005	172387	7879	13406	4593
Franklin	6257	149297	114532	5489	8920	2824
Fremont	4393	101214	78659	3094	6211	2105
Greene	5991	134840	103290	4544	8594	2936
Grundy	7462	188896	143320	6837	10149	3329
Guthrie	6643	168137	128180	6205	9350	2949
Hamilton	9797	246933	182853	8464	13378	4522
Hancock	7092	158149	123451	5479	9646	3431
Hardin	11287	260358	198430	9064	15717	4966
Harrison	8459	210087	156861	5409	11521	4148
Henry	11319	288039	219527	10338	15159	5391
Howard	6049	129875	100161	4061	8378	3044
Humboldt	6401	157604	119996	5675	8990	2967
Ida	4678	110467	84494	3801	6640	2294
Iowa	9946	316195	235531	12191	13335	4617
Jackson	11737	260805	199847	8801	16123	5734
Jasper	22086	621382	468801	23085	29252	9846

Table 1. Personal Income Tax for 1999 (filed in 2000) in Iowa's Counties (continued).

County	Number of Returns	Adjusted Gross Income (in \$1,000s)	Net Taxable Income (in \$1,000s)	Tax Paid (in \$1,000s)	Person Credits	Dependent Credits
Jefferson	8574	351749	237351	13926	11584	3984
Johnson	59388	2079021	1518355	81264	73360	23519
Jones	11303	278433	211980	9797	15184	5054
Keokuk	6400	137316	106806	4726	9107	3142
Kossuth	10296	223585	168094	7086	14447	5022
Lee	21238	543787	413758	19211	29142	10165
Linn	115962	3986770	2914089	155829	149011	51955
Louisa	6575	167932	130371	6234	8928	3683
Lucas	4876	124019	91339	4516	6831	2351
Lyon	6940	151446	118106	4995	9523	3650
Madison	8025	217719	163657	8030	10726	3997
Mahaska	12559	309862	236072	10923	16963	5975
Marion	18761	528773	393907	19029	24979	9153
Marshall	22996	611254	462531	22248	31064	11428
Mills	7684	210205	154625	5298	10166	3723
Mitchell	6342	146566	113945	5075	8857	3102
Monona	5524	124976	95309	4164	8035	2491
Monroe	4352	147317	114653	6914	6136	2139
Montgomery	6863	159464	122101	5433	9648	3151
Muscatine	24615	721842	538748	27174	32456	12515
O'Brien	9287	213562	163123	7175	12943	4417
Osceola	3925	86452	67115	2770	5394	1922
Page	9315	229693	175112	8094	13112	4056
Palo Alto	5749	123339	94213	4130	8202	2699
Plymouth	15299	424576	323785	15119	20549	8154
Pocahontas	4969	107481	83695	3710	7055	2334
Polk	223403	8389106	6014871	328286	284164	101360
Pottawattamie	48178	1326306	964837	30690	64219	22892
Poweshiek	11095	292134	217856	10497	15072	4822
Ringgold	2873	56234	42602	1777	4278	1359
Sac	6902	149611	116266	5212	9829	3203
Scott	90279	3028697	2216952	115734	119526	43984
Shelby	7951	175763	134436	5743	11131	3718
Sioux	17737	464540	342765	15879	23709	9922
Story	41491	1328939	971871	50268	52946	16875
Tama	10258	235124	181353	8196	14371	4727
Taylor	3630	71284	55476	2156	5338	1722
Union	7216	159771	123073	5512	10076	3217
Van Buren	4249	88027	68336	2919	6115	2086
Wapello	19431	468168	353899	16260	27034	8939
Warren	23607	706796	523066	26282	30120	11547
Washington	12309	295477	223725	10194	16809	5968
Wayne	3328	65219	49447	1932	5079	1550
Webster	22441	585521	441146	21278	30673	10553
Winnebago	7425	183285	140116	6304	10197	3499
Winneshiek	11616	285074	217055	10059	15523	5453
Woodbury	57477	1657455	1225633	57299	76208	31515
Worth	4509	102515	80022	3490	6152	1982
Wright	8409	196523	151031	6973	11739	3862
IA Resident Returns	1682275	48786086	36177214	1782182	2240754	791196
Nonresident Returns	145156	20092269	13789722	89566	204546	70950
Total Returns	1827431	68878356	49966937	1871747	2445300	862146

Table 2. Personal Income Tax for 1998 (filed in 1999) (in 1998 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties.

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1998 \$s	1999 \$s	1998 \$s	1999 \$s	1998 \$s	1999 \$s		
Adair	4674	102065	104340	77682	79413	3351	3426	6694	2112
Adams	2507	47285	48339	36121	36926	1500	1533	3594	1208
Allamakee	8092	162427	166047	122681	125415	4629	4732	11210	4177
Appanoose	7002	147888	151184	115043	117607	5227	5343	9866	3387
Audubon	3885	74358	76015	56587	57848	2350	2402	5606	1884
Benton	14407	352423	360278	266722	272667	12309	12583	18934	7181
Black Hawk	68643	1924006	1966888	1421473	1453154	71030	72613	90190	31594
Boone	14925	389658	398343	291452	297948	14198	14514	19763	6858
Bremer	13970	369259	377489	276593	282758	13318	13615	18410	6710
Buchanan	11443	279830	286067	210137	214820	9704	9920	15395	6409
Buena Vista	11408	273717	279818	203219	207748	9156	9360	15945	6281
Butler	8986	195951	200318	149764	153102	6632	6780	12439	4151
Calhoun	6516	135103	138114	101576	103840	4423	4522	9227	2900
Carroll	13573	319839	326967	237676	242973	10918	11161	17977	6969
Cass	8795	188734	192940	140595	143729	6020	6154	12439	4031
Cedar	10806	266720	272665	201445	205935	9431	9641	14434	4901
Cerro Gordo	26969	695021	710511	517521	529055	24869	25423	36149	12109
Cherokee	7915	173099	176957	132112	135056	5882	6013	10928	3687
Chickasaw	8009	174788	178684	132537	135491	5828	5958	10732	3979
Clarke	4960	100520	102760	76851	78564	3191	3262	6868	2449
Clay	10842	267180	273135	199737	204189	9406	9616	14472	5006
Clayton	10859	219058	223940	165171	168852	6516	6661	14871	5261
Clinton	28608	701371	717003	532062	543920	25075	25634	38265	13861
Crawford	9526	202603	207119	154856	158307	6963	7118	12980	4920
Dallas	22467	735477	751869	532574	544444	28072	28698	28750	11578
Davis	4269	86789	88723	65779	67245	2780	2842	6094	2370
Decatur	3860	70621	72195	53634	54829	2067	2113	5529	2017
Delaware	10559	228378	233468	172747	176597	7593	7762	14136	6057
Des Moines	24702	659612	674313	493296	504290	23857	24389	33202	11403
Dickinson	10433	295617	302206	212414	217148	10332	10562	14190	4067
Dubuque	53001	1467562	1500270	1075683	1099657	52063	53223	68305	26338
Emmet	6326	138874	141969	104994	107334	4461	4560	8670	2978
Fayette	11933	248479	254017	189812	194042	8153	8335	16571	6120
Floyd	9647	218032	222891	164808	168481	7475	7642	13194	4621
Franklin	6238	142808	145991	107068	109454	4956	5066	8802	2905
Fremont	4354	96430	98579	73667	75309	2893	2957	6119	2113
Greene	6088	130653	133565	97719	99897	4313	4409	8628	3010
Grundy	7286	189616	193842	143465	146662	7142	7301	10059	3349
Guthrie	6652	153427	156847	114799	117358	5235	5352	9256	2951
Hamilton	9720	260705	266515	192966	197267	9564	9777	13154	4483
Hancock	7167	152637	156039	115525	118100	4946	5056	9739	3498
Hardin	11309	263986	269870	198041	202455	9187	9392	15680	4966
Harrison	8419	199172	203611	147599	150889	4984	5095	11427	4217
Henry	11356	279413	285640	211850	216572	9827	10046	15149	5441
Howard	5985	121673	124385	92844	94913	3696	3778	8276	3079
Humboldt	6334	153385	156804	115202	117770	5436	5557	8775	3044
Ida	4760	106706	109084	81349	83162	3631	3712	6685	2409
Iowa	9824	301318	308034	210096	214779	10498	10732	13009	4536
Jackson	11635	247379	252892	190045	194281	8226	8409	15846	5757
Jasper	21800	590629	603793	443308	453188	21601	22082	28779	9886

Table 2. Personal Income Tax for 1998 (filed in 1999) (in 1998 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties (continued).

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1998 \$s	1999 \$s	1998 \$s	1999 \$s	1998 \$s	1999 \$s		
Jefferson	8543	266003	271932	193198	197504	9912	10133	11616	3994
Johnson	58035	1932957	1976038	1406297	1437640	74309	75965	71824	23229
Jones	11196	260199	265998	197274	201671	9029	9230	14955	5134
Keokuk	6433	132113	135057	101156	103411	4402	4500	9057	3214
Kossuth	10309	221341	226274	165645	169337	7146	7305	14301	5143
Lee	21492	526594	538331	397994	406864	18572	18986	28889	10369
Linn	113662	3756809	3840539	2737548	2798561	145543	148787	145513	51578
Louisa	6571	157671	161185	120592	123280	5596	5721	8910	3666
Lucas	4879	123381	126131	93690	95778	4740	4846	6834	2394
Lyon	6875	140011	143132	105904	108264	4339	4436	9439	3734
Madison	7922	199029	203465	148886	152204	6970	7125	10496	3965
Mahaska	12357	295509	302095	222682	227645	10217	10445	16638	5998
Marion	18542	497100	508179	369418	377651	17320	17706	24441	9083
Marshall	23020	597321	610634	451067	461120	21520	22000	30919	11429
Mills	7468	200771	205246	148179	151482	5273	5391	9890	3820
Mitchell	6374	137618	140685	103983	106301	4381	4479	8804	3133
Monona	5502	121478	124185	92012	94063	4036	4126	7848	2540
Monroe	4308	93678	95766	71145	72731	3128	3198	6057	2183
Montgomery	6822	155802	159274	118040	120671	5250	5367	9568	3162
Muscatine	24389	701460	717094	520814	532422	26127	26709	32032	12514
O'Brien	9307	204998	209567	154222	157659	6680	6829	12962	4612
Osceola	3891	81501	83317	62761	64160	2503	2559	5305	1910
Page	9230	225927	230962	173375	177239	8204	8387	12836	4088
Palo Alto	5761	121199	123900	91698	93742	4091	4182	8129	2765
Plymouth	14874	389245	397920	291285	297777	13806	14114	19897	8082
Pocahontas	5045	107340	109732	81749	83571	3567	3647	7161	2467
Polk	218910	7748115	7920802	5571769	5695951	298444	305096	277325	99386
Pottawattamie	47884	1253343	1281277	910056	930339	28672	29311	63604	23217
Poweshiek	11055	286778	293170	213949	218717	10251	10479	14836	4842
Ringgold	2819	56312	57567	42341	43285	1864	1906	4110	1314
Sac	6836	145480	148722	109819	112267	4927	5037	9793	3304
Scott	89405	2934199	2999595	2141265	2188989	111516	114001	118081	44496
Shelby	7934	168479	172234	126186	128998	5255	5372	10924	3788
Sioux	17670	440528	450346	324325	331553	14505	14828	23284	10124
Story	40652	1308279	1337437	955107	976394	50215	51334	51816	16792
Tama	10410	232375	237554	176541	180476	7832	8007	14529	4864
Taylor	3563	65404	66862	50187	51306	1927	1970	5189	1736
Union	7317	156790	160284	119776	122446	5152	5267	10120	3317
Van Buren	4227	82771	84616	63670	65089	2653	2712	6005	2098
Wapello	19328	451336	461395	337872	345402	15541	15887	26632	8941
Warren	23238	661648	676395	488762	499655	24083	24620	29347	11486
Washington	12173	285753	292122	213962	218731	9830	10049	16420	5945
Wayne	3421	65571	67032	49922	51035	1948	1991	5159	1651
Webster	22444	560631	573126	419226	428570	19927	20371	30431	10718
Winnebago	7347	166074	169775	126434	129252	5465	5587	10026	3504
Winneshiek	11446	264584	270481	199120	203558	8964	9164	15199	5496
Woodbury	57254	1577369	1612525	1165475	1191451	53133	54317	75632	31726
Worth	4503	102535	104820	78634	80387	3446	3523	6155	2005
Wright	8395	191967	196245	143419	146615	6528	6673	11577	3840
IA Resident Returns	1664482	46155657	47184358	34069326	34828651	1653656	1690512	2205927	794014
Nonresident Returns	142225	17808968	18205888	12419856	12696665	84848	86739	200132	71423
Total Returns	1806707	63964625	65390245	46489183	47525317	1738503	1777250	2406059	865437

Table 3. Personal Income Tax for 1994 (filed in 1995) (in 1994 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties.

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1994 \$s	1999 \$s	1994 \$s	1999 \$s	1994 \$s	1999 \$s		
Adair	4548	82551	92523	63405	71064	2979	3339	6710	2168
Adams	2434	37434	41956	28844	32328	1257	1409	3626	1136
Allamakee	7825	132529	148538	101076	113285	4271	4787	10888	4086
Appanoose	6765	120432	134979	93136	104386	4475	5016	9770	3357
Audubon	3811	63881	71597	48617	54490	2218	2486	5668	1834
Benton	13190	267147	299416	206333	231257	10342	11591	17632	6589
Black Hawk	65086	1635891	1833495	1223413	1371193	69889	78331	86647	30686
Boone	14184	301437	337848	229838	257601	11860	13293	19135	6563
Bremer	13637	302249	338759	229436	257150	12221	13697	18268	6856
Buchanan	10954	225052	252237	172316	193131	8995	10082	15051	6457
Buena Vista	10958	220500	247135	166229	186308	8287	9288	15500	5989
Butler	8826	159832	179139	122971	137825	5865	6573	12513	4375
Calhoun	6479	116090	130113	88364	99038	4196	4703	9489	3041
Carroll	12865	248871	278933	187014	209604	9382	10515	17388	7073
Cass	8552	158904	178098	120801	135393	5745	6439	12442	4130
Cedar	10435	221061	247764	169113	189541	8906	9982	14314	4919
Cerro Gordo	26317	573951	643280	431728	483878	22589	25318	35624	11948
Cherokee	7898	149087	167096	114074	127853	5554	6225	11076	4011
Chickasaw	7743	140094	157016	108729	121863	5207	5836	10682	4042
Clarke	4556	79184	88749	60919	68278	2803	3142	6506	2241
Clay	10526	218107	244453	166281	186367	8744	9800	14277	5041
Clayton	10355	174009	195028	131842	147768	5712	6402	14618	5433
Clinton	27844	595270	667174	458988	514431	23987	26884	37897	13976
Crawford	9353	162652	182299	123179	138058	5732	6424	12969	4883
Dallas	20133	509466	571006	377501	423100	21077	23623	26427	10373
Davis	4150	72216	80939	55638	62359	2628	2945	5960	2291
Decatur	3672	57584	64540	44251	49596	1866	2091	5337	1891
Delaware	10085	183036	205145	139213	156029	6699	7508	13653	6037
Des Moines	23671	556024	623188	424299	475551	23022	25803	32294	11254
Dickinson	9741	221758	248545	163549	183305	8783	9844	13454	3857
Dubuque	51537	1198044	1342759	897343	1005736	48835	54734	66588	26330
Emmet	6156	113849	127601	86765	97246	4012	4497	8639	3107
Fayette	11878	210722	236176	162426	182046	7642	8565	16736	6232
Floyd	9388	180504	202308	137364	153957	6728	7541	13068	4515
Franklin	6197	119144	133536	91140	102149	4579	5132	8812	2911
Fremont	4332	80105	89781	61772	69234	2670	2993	6262	2196
Greene	5821	106103	118919	80915	90689	3853	4318	8409	2824
Grundy	7214	147835	165692	113230	126907	5784	6483	10106	3427
Guthrie	6448	121968	136701	93440	104727	4598	5153	9301	2903
Hamilton	9750	201221	225527	153116	171611	7757	8694	13402	4472
Hancock	7036	125665	140844	95912	107497	4538	5086	9850	3617
Hardin	11250	213449	239232	164060	183877	8150	9134	15753	5017
Harrison	7820	149894	168000	114367	128182	4437	4973	10898	3962
Henry	10893	224398	251504	171493	192208	8585	9622	14739	5343
Howard	5567	92762	103967	70731	79275	3025	3390	8135	2963
Humboldt	6137	122988	137844	94056	105417	4792	5371	8740	2983
Ida	4572	91146	102156	69780	78209	3621	4058	6543	2462
Iowa	9412	200820	225078	156275	175152	8395	9409	12645	4365
Jackson	11205	204940	229695	158084	177179	7684	8612	15538	5699
Jasper	20791	469053	525711	357702	400910	19035	21334	27836	9433

Table 3. Personal Income Tax for 1994 (filed in 1995) (in 1994 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties (continued).

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1994 \$s	1999 \$s	1994 \$s	1999 \$s	1994 \$s	1999 \$s		
Jefferson	8323	200821	225079	146539	164240	7958	8919	11390	3903
Johnson	52744	1455464	1631274	1076132	1206121	62079	69578	65634	21797
Jones	10716	202696	227180	156358	175245	7774	8713	14643	5354
Keokuk	6525	112776	126399	87698	98291	4118	4615	9361	3266
Kossuth	10211	177595	199047	133448	149568	6155	6898	14473	5323
Lee	20551	438604	491584	337338	378086	17483	19595	28262	10253
Linn	106021	2851495	3195936	2122719	2379129	121901	136626	135990	48292
Louisa	6447	134073	150268	104187	116772	5319	5961	8840	3817
Lucas	4687	99219	111204	75387	84493	4051	4540	6737	2305
Lyon	6622	114990	128880	87891	98508	3927	4401	9244	3889
Madison	7394	151155	169413	115730	129709	5888	6599	10066	3767
Mahaska	11754	232359	260426	177096	198488	8908	9984	16130	5805
Marion	17275	388172	435060	293904	329406	15625	17512	23235	8821
Marshall	22648	511278	573037	390312	437459	20709	23211	30597	11081
Mills	6902	145909	163534	110105	123405	4346	4871	9255	3450
Mitchell	6228	117224	131384	89656	100486	4240	4752	8867	3242
Monona	5316	98332	110210	75422	84532	3627	4065	7722	2463
Monroe	4098	77027	86331	59295	66457	2927	3281	5981	2047
Montgomery	6825	128341	143844	98352	110232	4651	5213	9798	3169
Muscatine	23251	569765	638589	429938	481871	23979	26875	30803	12429
O'Brien	9195	170474	191066	129509	145153	6252	7007	13063	4705
Osceola	3754	68092	76317	52099	58392	2327	2608	5231	1946
Page	9047	183442	205601	140105	157029	7036	7886	12926	4217
Palo Alto	5728	97501	109278	74965	84020	3468	3887	8302	2954
Plymouth	13780	302590	339141	227287	254742	11797	13222	18804	7634
Pocahontas	5087	91285	102312	70269	78757	3375	3783	7448	2582
Polk	202928	5733828	6426434	4189712	4695800	243774	273220	257514	90357
Pottawattamie	44023	948204	1062740	707963	793480	25425	28496	58745	21800
Poweshiek	10648	222735	249640	167767	188032	8622	9663	14693	4769
Ringgold	2810	40451	45337	30798	34518	1264	1417	4239	1291
Sac	6767	120176	134692	92057	103177	4339	4863	9926	3484
Scott	83992	2268587	2542616	1684564	1888048	96159	107774	110995	41958
Shelby	7821	139836	156727	105462	118201	4838	5422	11104	3885
Sioux	16949	332718	372908	246574	276358	12357	13850	22851	10155
Story	37937	948340	1062893	706955	792350	39383	44140	48818	15994
Tama	10143	191957	215144	148244	166151	7312	8195	14504	5146
Taylor	3619	56629	63469	43838	49133	1870	2096	5452	1856
Union	6860	122857	137697	94119	105488	4455	4993	9600	3253
Van Buren	3992	66888	74968	51763	58016	2304	2582	5837	2030
Wapello	18717	388951	435934	296939	332807	15375	17232	26185	8842
Warren	21629	509297	570817	385745	432340	20694	23194	27417	11143
Washington	11763	265320	297369	200275	224467	11141	12487	16097	5828
Wayne	3477	55109	61766	42324	47436	1809	2028	5460	1666
Webster	21689	463958	520001	351943	394455	18258	20463	29842	10523
Winnebago	7310	138971	155758	106060	118871	5036	5644	10106	3535
Winneshiek	10844	207003	232008	156114	174971	7533	8443	14882	5648
Woodbury	55175	1295738	1452254	970300	1087505	50216	56282	73441	30221
Worth	4359	78165	87607	60256	67535	2718	3046	6133	1950
Wright	8426	166392	186491	126463	141739	6356	7124	12118	4078
IA Resident Returns	1583004	36243701	40621686	27209046	30495708	1445164	1619730	2126576	769221
Nonresident Returns	119658	9551411	10705155	6465345	7246313	70969	79542	172607	63020
Total Returns	1702662	45795112	51326841	33674391	37742021	1516133	1699271	2299183	832241

Table 4. Personal Income Tax for 1989 (filed in 1990) (in 1989 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties.

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1989 \$s	1999 \$s	1989 \$s	1999 \$s	1989 \$s	1999 \$s		
Adair	4600	71830	95629	54525	72591	2547	3391	6776	2007
Adams	2680	36581	48701	28245	37603	1252	1667	3958	1229
Allamakee	8094	119124	158593	91022	121180	4033	5369	11095	4174
Appanoose	6816	98233	130780	74221	98812	3346	4455	10039	3339
Audubon	4107	59859	79692	45393	60433	2112	2812	6031	1866
Benton	12921	219924	292790	169100	225127	8306	11058	17604	6260
Black Hawk	65742	1351234	1798932	1005573	1338745	54207	72167	89128	32135
Boone	14641	263072	350234	199081	265042	10068	13404	19819	6615
Bremer	14047	255844	340612	194198	258541	9875	13147	19134	7243
Buchanan	10632	187173	249188	142079	189153	7266	9673	14863	6405
Buena Vista	11490	201438	268180	151384	201541	7635	10165	16048	5622
Butler	8903	137106	182533	104637	139306	4942	6579	12743	4449
Calhoun	7028	114912	152985	86865	115646	4255	5665	10310	3371
Carroll	13008	220205	293164	164331	218778	8155	10857	17494	7223
Cass	9267	149865	199519	113963	151722	5432	7232	13117	4446
Cedar	10501	180204	239910	137748	183387	6708	8931	14297	4957
Cerro Gordo	27229	499806	665404	373129	496756	18842	25085	36954	12248
Cherokee	8350	139360	185533	106849	142251	5299	7055	11697	4220
Chickasaw	7845	125452	167017	96809	128884	4725	6291	10772	4108
Clarke	4742	70878	94362	53667	71448	2462	3278	6752	2256
Clay	10548	185769	247319	138511	184403	7031	9361	14352	5193
Clayton	10586	155140	206542	119024	158460	5345	7116	14726	5595
Clinton	28800	523989	697600	397414	529087	20235	26939	39564	14496
Crawford	9863	152549	203092	115150	153302	5525	7356	13580	5174
Dallas	18531	360096	479405	267708	356406	13814	18391	24558	9375
Davis	4146	61008	81221	46780	62279	2183	2906	6005	2278
Decatur	3837	53127	70729	40224	53551	1722	2293	5595	1986
Delaware	10027	161760	215355	123911	164966	6039	8040	13524	5875
Des Moines	24585	468254	623398	353179	470196	18228	24267	33642	11788
Dickinson	9356	171883	228832	125721	167376	6390	8507	13129	3989
Dubuque	50872	965654	1285600	719076	957324	37485	49905	66258	27073
Emmet	6488	104552	139193	78365	104329	3699	4925	9038	3243
Fayette	12224	187209	249236	143610	191192	6759	8998	17141	6264
Floyd	10072	165073	219766	124052	165154	5999	7987	14039	4827
Franklin	6564	108991	145102	82063	109253	4115	5478	9343	3033
Fremont	4419	73922	98414	56033	74598	2587	3444	6454	2263
Greene	6050	94455	125750	71510	95203	3392	4516	8715	2733
Grundy	7482	128388	170926	97118	129296	4852	6460	10482	3444
Guthrie	6749	104255	138797	79020	105201	3714	4945	9740	3039
Hamilton	10057	184402	245499	137832	183499	7144	9511	13919	4584
Hancock	7359	116370	154926	88641	118010	4152	5528	10269	3780
Hardin	11744	189024	251652	142618	189871	6907	9195	16539	5262
Harrison	7944	126710	168692	95972	127770	3963	5276	11243	3986
Henry	10938	186143	247817	141461	188331	6804	9058	15009	5215
Howard	5936	83343	110957	63481	84514	2775	3694	8495	2951
Humboldt	6461	115193	153359	87624	116656	4456	5932	9267	3095
Ida	4734	79300	105574	60612	80694	3050	4061	6916	2526
Iowa	9460	178551	237709	137642	183246	7512	10001	12824	4119
Jackson	11392	174483	232294	133626	177900	6269	8346	15769	5896
Jasper	21511	420759	560167	316612	421514	16669	22192	28841	9832

Table 4. Personal Income Tax for 1989 (filed in 1990) (in 1989 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties (continued).

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1989 \$s	1999 \$s	1989 \$s	1999 \$s	1989 \$s	1999 \$s		
Jefferson	8399	160663	213895	116117	154590	6036	8036	11749	3966
Johnson	49730	1123266	1495432	826664	1100559	44988	59894	62056	20773
Jones	10664	174711	232597	133808	178142	6546	8715	14675	5289
Keokuk	6809	102866	136948	79643	106031	3770	5019	9900	3311
Kossuth	11134	177057	235720	132815	176820	6328	8425	15401	5679
Lee	20769	377173	502140	285599	380225	14303	19042	28847	10213
Linn	102997	2272043	3024828	1680440	2237212	91586	121931	133318	47341
Louisa	6374	108937	145031	83796	111560	4126	5493	8817	3476
Lucas	5155	84712	112779	64063	85289	3236	4308	7427	2423
Lyon	6843	105380	140295	80622	107334	3680	4899	9483	3987
Madison	7249	121438	161673	92034	122527	4420	5884	10128	3662
Mahaska	11520	192603	256417	145580	193814	7097	9448	16152	5647
Marion	17232	316928	421934	238710	317801	12004	15981	23206	8549
Marshall	22904	437513	582472	329952	439273	17155	22839	30840	10617
Mills	6876	122849	163552	92719	123439	3903	5196	9325	3660
Mitchell	6565	106775	142152	82072	109265	3815	5079	9267	3174
Monona	5448	87270	116185	66205	88140	3267	4349	8187	2454
Monroe	4198	64940	86456	49284	65613	2363	3146	6111	2054
Montgomery	7187	118102	157232	89829	119592	4281	5699	10289	3229
Muscatine	23337	479945	638963	359320	478372	19154	25500	31075	12266
O'Brien	9518	156813	208769	118633	157939	5790	7708	13399	4835
Osceola	4043	63250	84206	47975	63870	2128	2833	5694	1967
Page	9418	162888	216857	124171	165312	6258	8331	13463	4482
Palo Alto	6109	95023	126507	71342	94979	3404	4532	8765	3142
Plymouth	13614	234755	312535	175973	234277	8732	11625	18595	7409
Pocahontas	5616	91751	122150	70051	93261	3458	4604	8189	2709
Polk	196892	4649979	6190635	3363807	4478321	187237	249273	251564	87136
Pottawattamie	44645	810336	1078821	597856	795941	22208	29566	59877	21917
Poweshiek	11159	198597	264397	150381	200206	7579	10090	15162	4896
Ringgold	2934	37601	50059	28664	38161	1228	1635	4387	1348
Sac	7034	110664	147330	84067	111921	4089	5444	10338	3547
Scott	84342	1877022	2498927	1383864	1842373	75072	99945	112357	42900
Shelby	8122	122274	162786	92051	122550	4194	5584	11354	3941
Sioux	16374	276169	367671	205198	273185	10091	13434	22158	9855
Story	36970	759243	1010799	561570	747632	29432	39184	47873	15846
Tama	10349	164435	218916	124949	166348	5989	7973	14594	4798
Taylor	3792	50651	67433	38836	51703	1648	2194	5850	1822
Union	7283	113644	151297	85950	114427	3994	5317	10151	3445
Van Buren	4129	57240	76205	44035	58625	1952	2599	6105	2050
Wapello	18874	333309	443743	251817	335250	12855	17114	26944	8808
Warren	20744	397019	528561	296993	395394	15017	19993	26408	10809
Washington	11933	201083	267707	151513	201713	7440	9905	16417	5871
Wayne	3863	53833	71669	41120	54744	1846	2458	5953	1730
Webster	22593	410873	547006	308447	410643	15933	21212	31336	10729
Winnebago	7748	129432	172316	97060	129218	4507	6000	10651	3789
Winneshiek	11297	180699	240569	136533	181770	6435	8567	15144	5720
Woodbury	52704	1037942	1381838	762769	1015494	38657	51465	70928	28278
Worth	4578	70477	93828	53809	71637	2430	3235	6419	2019
Wright	8745	146276	194741	110490	147098	5492	7312	12449	3886
IA Resident Returns	1588190	30310902	40353671	22586606	30070120	1157437	1540925	2146384	768541
Nonresident Returns	90737	6200859	8255360	4292178	5714285	40813	54335	134240	50757
Total Returns	1678927	36511761	48609031	26878784	35784405	1198250	1595261	2280624	819298

Table 5. Personal Income Tax for 1979 (filed in 1980) (in 1979 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties.

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1979 \$s	1999 \$s	1979 \$s	1999 \$s	1979 \$s	1999 \$s		
Adair	4722	46388	103601	34828	77783	1420	3171	7163	2622
Adams	2720	25639	57261	19340	43193	749	1673	4245	1627
Allamakee	7277	69416	155030	51952	116027	1971	4402	10404	5026
Appanoose	6771	66098	147620	48787	108958	1861	4156	10007	4261
Audubon	4382	45097	100717	34207	76396	1460	3261	6442	2563
Benton	12001	144492	322701	106625	238131	4668	10425	16603	7580
Black Hawk	70803	950322	2122400	660602	1475355	29934	66853	93796	42497
Boone	13763	158551	354100	114530	255785	4820	10765	18744	7357
Bremer	12954	160740	358988	114720	256210	5084	11354	17772	8615
Buchanan	10688	126127	281686	91840	205111	3956	8835	15040	8134
Buena Vista	11157	135019	301545	97126	216916	4392	9809	15977	6369
Butler	8761	99639	222529	73664	164517	3146	7026	12737	5645
Calhoun	7233	86792	193837	63966	142858	2967	6626	10816	4133
Carroll	12764	146000	326069	106384	237593	4715	10530	17226	8805
Cass	9160	98134	219167	71360	159372	2948	6584	13253	5242
Cedar	9682	113984	254566	83501	186487	3622	8089	13530	5761
Cerro Gordo	26687	310725	693957	218227	487377	9414	21025	35897	14272
Cherokee	8545	105251	235062	77042	172062	3608	8058	12144	5397
Chickasaw	7687	83573	186648	61739	137885	2536	5664	10729	5462
Clarke	4215	40878	91295	30269	67601	1149	2566	6178	2383
Clay	10873	128436	286842	90266	201595	3982	8893	14857	6150
Clayton	9796	99688	222638	74525	166440	2979	6653	14162	6697
Clinton	30162	374173	835659	269217	601255	11755	26253	40856	19311
Crawford	9593	107699	240529	79294	177091	3417	7631	13602	6491
Dallas	16452	198484	443284	141623	316294	6108	13641	22158	9997
Davis	4104	41443	92557	30857	68914	1250	2792	6089	2704
Decatur	4029	36101	80626	27107	60539	995	2222	5841	2408
Delaware	8809	99200	221548	73392	163910	3198	7142	12474	6838
Des Moines	24658	301790	674002	214065	478082	9230	20614	33036	14444
Dickinson	8534	97160	216992	68247	152419	2896	6468	12114	4517
Dubuque	47376	603986	1348911	425788	950933	19058	42563	62374	34975
Emmet	7028	81195	181337	58269	130135	2493	5568	9758	4489
Fayette	12178	133320	297750	97527	217812	4124	9210	17313	8261
Floyd	10112	120927	270072	87378	195146	3874	8652	14245	6402
Franklin	6786	77738	173616	56524	126238	2490	5561	9983	3849
Fremont	4588	47588	106281	35514	79315	1373	3066	6819	2609
Greene	6563	75333	168245	56103	125298	2469	5514	9589	3786
Grundy	7629	95560	213419	68945	153978	3121	6970	10847	4466
Guthrie	6228	64531	144120	48134	107500	1979	4420	9261	3624
Hamilton	10040	112882	252105	82064	183278	3540	7906	13900	5647
Hancock	7212	82812	184948	60274	134613	2636	5887	10255	4504
Hardin	12010	137570	307242	99340	221861	4369	9758	17095	6581
Harrison	7688	85367	190654	63048	140808	2471	5519	11446	5015
Henry	10198	109114	243690	78831	176057	3163	7064	13925	5744
Howard	5463	53224	118868	39762	88802	1555	3473	8144	3735
Humboldt	6510	79975	178612	57843	129184	2637	5889	9494	3960
Ida	4636	53840	120243	39975	89278	1815	4054	6844	2778
Iowa	8991	96215	214882	70554	157572	2927	6537	12262	4876
Jackson	10909	117537	262501	86671	193567	3571	7975	15195	7755
Jasper	19846	233839	522244	168056	375328	7172	16018	26978	11267

Table 5. Personal Income Tax for 1979 (filed in 1980) (in 1979 \$1,000s and in 1999 \$1,000s after accounting for inflation) in Iowa's Counties (continued).

County	Number of Returns	Adjusted Gross Income (in \$1,000s)		Net Taxable Income (in \$1,000s)		Tax Paid (in \$1,000s)		Person Credits	Dependent Credits
		1979 \$s	1999 \$s	1979 \$s	1999 \$s	1979 \$s	1999 \$s		
Jefferson	7627	80380	179517	58437	130510	2334	5213	10786	4262
Johnson	42450	507287	1132949	353714	789967	15113	33753	53283	20262
Jones	9937	113013	252397	83311	186063	3530	7884	13937	6463
Keokuk	6818	68323	152589	51209	114368	2074	4632	10188	3998
Kossuth	11595	136603	305082	99632	222513	4506	10063	16513	7650
Lee	21898	257457	574991	184784	412687	7647	17078	29947	13413
Linn	95412	1254265	2801211	869611	1942145	38592	86189	122790	56215
Louisa	5797	66603	148748	48338	107956	2018	4507	8188	3742
Lucas	5047	53260	118948	38708	86448	1610	3596	7397	2923
Lyon	6318	73332	163776	53365	119183	2320	5181	9376	4548
Madison	6441	68703	153438	49998	111663	2053	4585	9329	4001
Mahaska	11429	121959	272377	87995	196524	3615	8074	16052	6184
Marion	14999	175473	391892	124374	277771	5197	11607	20612	9091
Marshall	22888	285055	636627	201569	450174	8830	19720	30618	13293
Mills	6240	69371	154930	50814	113485	1888	4217	8759	3945
Mitchell	6210	71557	159812	52948	118251	2388	5333	9042	4103
Monona	5722	64175	143325	47199	105412	2099	4688	8761	3343
Monroe	4412	44561	99520	33070	73857	1315	2937	6235	2604
Montgomery	7273	80057	178795	58819	131363	2439	5447	10591	3939
Muscatine	21464	273129	609992	190995	426558	8396	18751	28802	14053
O'Brien	9194	108045	241302	78470	175251	3489	7792	13421	5622
Osceola	4185	49636	110854	36101	80626	1593	3558	6243	2540
Page	9931	103640	231464	75386	168363	3049	6809	14433	5438
Palo Alto	6432	73604	164383	54012	120628	2425	5416	9423	4137
Plymouth	12422	144482	322679	106436	237709	4756	10622	17790	8439
Pocahontas	5881	73047	163139	54135	120902	2534	5659	8862	3643
Polk	180065	2314608	5169327	1583605	3536742	70535	157529	232709	99757
Pottawattamie	41558	484957	1083078	342460	764833	10131	22626	56270	26214
Poweshiek	10472	116544	260283	84999	189832	3585	8007	14511	5911
Ringgold	3008	25822	57670	19546	43653	721	1610	4636	1664
Sac	7391	86449	193071	63562	141956	2873	6416	10951	4335
Scott	84436	1183086	2642244	819536	1830310	37892	84626	112384	54410
Shelby	7517	84594	188928	63035	140779	2747	6135	10999	5205
Sioux	14431	174534	389795	124754	278619	5753	12848	20450	10531
Story	34742	404998	904502	284214	634749	11981	26758	45084	17333
Tama	10146	112455	251151	83137	185674	3533	7890	14686	6244
Taylor	3932	35155	78513	26713	59659	994	2220	6112	2196
Union	7054	70636	157755	51455	114917	1958	4373	10066	4177
Van Buren	4021	36495	81506	27575	61585	1007	2249	6028	2565
Wapello	19390	224442	501257	160434	358305	6711	14988	27213	11285
Warren	17690	210667	470493	148691	332079	6238	13932	23196	12012
Washington	11141	120100	268225	85856	191746	3566	7964	15362	6523
Wayne	3922	37516	83786	27983	62496	1088	2430	6067	2114
Webster	24539	295813	660654	211087	471431	9274	20712	33422	14458
Winnebago	7456	79086	176627	56826	126912	2290	5114	10595	4481
Winneshiek	9886	96834	216264	72305	161482	2832	6325	13735	6732
Woodbury	51268	620934	1386762	429893	960101	17986	40169	69839	31782
Worth	4543	48777	108936	35807	79970	1465	3272	6543	2560
Wright	9043	108404	242104	79130	176725	3647	8145	12952	5078
IA Resident Returns	1526646	18349515	40980864	13035936	29113790	561687	1254443	2084807	923049
Nonresident Returns	44968	390942	873110	266838	595942	10114	22588	77230	38153
Total Returns	1571614	18740457	41853974	13302774	29709732	571802	1277033	2162037	961202

Table 6. Average State Gross Personal Income Per Return, Average State Personal Income Tax Paid Per Return, and Average Percentage State Tax Rate in Iowa's Counties, 1979, 1989, 1994, 1998, and 1999.

County	Average Gross Personal Income Per Return										Average Personal Income Tax Paid Per Return										Average Tax Rate (Tax Paid/ Net Taxable Income)				
	Current \$s					Adjusted to 1999 \$s					Current \$s					Adjusted to 1999 \$s									
	1999	1998	1994	1989	1979	1998	1994	1989	1979	1999	1998	1994	1989	1979	1998	1994	1989	1979	1999	1998	1994	1989	1979		
Adair	22124	21837	18151	15615	9824	22324	20344	20789	21940	743	717	655	554	301	733	734	738	672	4.4	4.3	4.7	4.7	4.1		
Adams	19355	18861	15380	13649	9426	19281	17238	18171	21052	618	598	517	467	275	611	579	622	614	4.1	4.2	4.4	4.4	3.9		
Allamakee	21437	20072	16937	14718	9539	20519	18983	19594	21304	647	572	546	498	271	585	612	663	605	4.0	3.8	4.2	4.4	3.8		
Appanoose	21029	21121	17802	14412	9762	21592	19952	19187	21802	685	746	661	491	275	763	741	654	614	4.3	4.5	4.8	4.5	3.8		
Audubon	20537	19140	16762	14575	10292	19567	18787	19404	22986	681	605	582	514	333	618	652	684	744	4.3	4.2	4.6	4.7	4.3		
Benton	25770	24462	20254	17021	12040	25007	22701	22660	26890	933	854	784	643	389	873	879	856	869	4.7	4.6	5.0	4.9	4.4		
Black Hawk	28280	28029	25134	20554	13422	28654	28170	27364	29976	1042	1035	1074	825	423	1058	1204	1098	945	5.0	5.0	5.7	5.4	4.5		
Boone	25884	26108	21252	17968	11520	26690	23819	23921	25728	925	951	836	688	350	972	937	916	782	4.7	4.9	5.2	5.1	4.2		
Bremer	27080	26432	22164	18213	12409	27021	24841	24247	27714	994	953	896	703	392	974	1004	936	875	4.9	4.8	5.3	5.1	4.4		
Buchanan	25511	24454	20545	17605	11801	24999	23027	23438	26356	910	848	821	683	370	867	920	909	826	4.7	4.6	5.2	5.1	4.3		
Buena Vista	24422	23993	20122	17532	12102	24528	22553	23341	27028	841	803	756	665	394	821	847	885	880	4.6	4.5	5.0	5.0	4.5		
Butler	22398	21806	18109	15400	11373	22292	20296	20502	25400	773	738	664	555	359	754	744	739	802	4.5	4.4	4.8	4.7	4.3		
Calhoun	21535	20734	17918	16351	11999	21196	20082	21769	26798	722	679	648	605	410	694	726	805	916	4.4	4.4	4.7	4.9	4.6		
Carroll	24272	23564	19345	16928	11438	24089	21682	22537	25545	846	804	729	627	369	822	817	835	824	4.6	4.6	5.0	5.0	4.4		
Cass	22389	21459	18581	16172	10713	21937	20825	21530	23926	729	684	672	586	322	699	753	780	719	4.3	4.3	4.8	4.8	4.1		
Cedar	30458	24683	21185	17161	11773	25233	23744	22847	26293	1247	873	853	639	374	892	956	851	835	5.3	4.7	5.3	4.9	4.3		
Cerro Gordo	27448	25771	21809	18356	11643	26345	24443	24438	26003	1014	922	858	692	353	943	962	921	788	5.0	4.8	5.2	5.0	4.3		
Cherokee	22957	21870	18877	16690	12317	22357	21157	22220	27508	820	743	703	635	422	760	788	845	942	4.6	4.5	4.9	5.0	4.7		
Chickasaw	25039	21824	18093	15991	10872	22310	20279	21289	24281	954	728	672	602	330	744	753	801	737	4.9	4.4	4.8	4.9	4.1		
Clarke	21375	20266	17380	14947	9698	20718	19479	19899	21659	694	643	615	519	273	657	689	691	610	4.2	4.2	4.6	4.6	3.8		
Clay	25378	24643	20721	17612	11812	25192	23224	23447	26380	914	868	831	667	366	887	931	888	817	4.8	4.7	5.3	5.1	4.4		
Clayton	21623	20173	16804	14655	10176	20623	18834	19511	22727	679	600	552	505	304	613	619	672	679	4.1	3.9	4.3	4.5	4.0		
Clinton	25122	24517	21379	18194	12405	25063	23961	24222	27705	902	877	861	703	390	897	965	936	871	4.7	4.7	5.2	5.1	4.4		
Crawford	21324	21268	17390	15467	11227	21742	19491	20592	25074	717	731	613	560	356	747	687	746	795	4.4	4.5	4.7	4.8	4.3		
Dallas	36856	32736	25305	19432	12064	33466	28362	25870	26943	1485	1249	1047	745	371	1277	1173	992	829	5.5	5.3	5.6	5.2	4.3		
Davis	20727	20330	17401	14715	10098	20783	19503	19590	22552	662	651	633	526	305	666	709	700	681	4.2	4.2	4.7	4.7	4.0		
Decatur	19480	18296	15682	13846	8960	18704	17576	18434	20011	588	535	508	449	247	547	569	598	552	4.0	3.9	4.2	4.3	3.7		
Delaware	22229	21629	18149	16132	11261	22111	20341	21477	25150	755	719	664	602	363	735	744	801	811	4.4	4.4	4.8	4.9	4.4		
Des Moines	27934	26703	23490	19046	12239	27298	26327	25356	27334	1063	966	973	741	374	988	1091	987	835	5.0	4.8	5.4	5.2	4.3		
Dickinson	30241	28335	22765	18371	11385	28967	25515	24458	25427	1149	990	902	683	339	1012	1011	909	757	5.2	4.9	5.4	5.1	4.2		
Dubuque	28767	27689	23246	18982	12749	28306	26054	25271	28473	1037	982	948	737	402	1004	1063	981	898	4.9	4.8	5.4	5.2	4.5		
Emmet	22538	21953	18494	16115	11553	22442	20728	21454	25802	737	705	652	570	355	721	731	759	793	4.3	4.2	4.6	4.7	4.3		
Fayette	21487	20823	17741	15315	10948	21287	19884	20389	24451	736	683	643	553	339	698	721	736	757	4.4	4.3	4.7	4.7	4.2		

Table 6. Average State Gross Personal Income Per Return, Average State Personal Income Tax Paid Per Return, and Average Percentage State Tax Rate in Iowa's Counties, 1979, 1989, 1994, 1998, and 1999 (continued).

County	Average Gross Personal Income Per Return										Average Personal Income Tax Paid Per Return								Average Tax Rate (Tax Paid/ Net Taxable Income)				
	Current \$s					Adjusted to 1999 \$s					Current \$s				Adjusted to 1999 \$s				1999	1998	1994	1989	1979
	1999	1998	1994	1989	1979	1998	1994	1989	1979	1999	1998	1994	1989	1979	1998	1994	1989	1979					
Floyd	23266	22601	19227	16389	11959	23105	21549	21819	26709	811	775	717	596	383	792	804	793	855	4.6	4.5	4.9	4.8	4.4
Franklin	23861	22893	19226	16604	11456	23403	21548	22105	25585	877	795	739	627	367	813	828	835	820	4.8	4.6	5.0	5.0	4.4
Fremont	23040	22148	18491	16728	10372	22642	20725	22270	23164	704	665	616	585	299	680	690	779	668	3.9	3.9	4.3	4.6	3.9
Greene	22507	21461	18228	15612	11478	21939	20430	20785	25634	759	708	662	561	376	724	742	747	840	4.4	4.4	4.8	4.7	4.4
Grundy	25314	26025	20493	17160	12526	26605	22968	22846	27975	916	980	802	648	409	1002	899	863	913	4.8	5.0	5.1	5.0	4.5
Guthrie	25310	23065	18916	15447	10361	23579	21201	20565	23140	934	787	713	550	318	805	799	732	710	4.8	4.6	4.9	4.7	4.1
Hamilton	25205	26822	20638	18336	11243	27420	23131	24411	25110	864	984	796	710	353	1006	892	945	788	4.6	5.0	5.1	5.2	4.3
Hancock	22300	21297	17860	15813	11482	21772	20017	21052	25643	773	690	645	564	365	705	723	751	815	4.4	4.3	4.7	4.7	4.4
Hardin	23067	23343	18973	16095	11455	23863	21265	21428	25583	803	812	724	588	364	830	811	783	813	4.6	4.6	5.0	4.8	4.4
Harrison	24836	23657	19168	15950	11104	24184	21483	21235	24799	639	592	567	499	321	605	635	664	717	3.4	3.4	3.9	4.1	3.9
Henry	25447	24605	20600	17018	10700	25153	23088	22656	23897	913	865	788	622	310	884	883	828	692	4.7	4.6	5.0	4.8	4.0
Howard	21470	20330	16663	14040	9743	20783	18676	18692	21760	671	618	543	468	285	632	609	623	637	4.1	4.0	4.3	4.4	3.9
Humboldt	24622	24216	20040	17829	12285	24756	22461	23736	27437	887	858	781	690	405	877	875	919	905	4.7	4.7	5.1	5.1	4.6
Ida	23614	22417	19936	16751	11613	22917	22344	22301	25936	813	763	792	644	391	780	888	857	873	4.5	4.5	5.2	5.0	4.5
Iowa	31791	30672	21337	18874	10701	31356	23914	25127	23899	1226	1069	892	794	326	1093	1000	1057	728	5.2	5.0	5.4	5.5	4.1
Jackson	22221	21262	18290	15316	10774	21736	20499	20391	24062	750	707	686	550	327	723	769	732	730	4.4	4.3	4.9	4.7	4.1
Jasper	28135	27093	22560	19560	11783	27697	25285	26041	26316	1045	991	916	775	361	1013	1027	1032	806	4.9	4.9	5.3	5.3	4.3
Jefferson	41025	31137	24128	19129	10539	31831	27042	25467	23537	1624	1160	956	719	306	1186	1071	957	683	5.9	5.1	5.4	5.2	4.0
Johnson	35007	33307	27595	22587	11950	34049	30928	30071	26689	1368	1280	1177	905	356	1309	1319	1205	795	5.4	5.3	5.8	5.4	4.3
Jones	24634	23240	18915	16383	11373	23758	21200	21811	25400	867	806	725	614	355	824	813	817	793	4.6	4.6	5.0	4.9	4.2
Keokuk	21456	20537	17284	15107	10021	20995	19372	20112	22380	738	684	631	554	304	699	707	738	679	4.4	4.4	4.7	4.7	4.0
Kossuth	21716	21471	17393	15902	11781	21950	19494	21171	26311	688	693	603	568	389	708	676	756	869	4.2	4.3	4.6	4.8	4.5
Lee	25604	24502	21342	18160	11757	25048	23920	24177	26257	905	864	851	689	349	883	954	917	779	4.6	4.7	5.2	5.0	4.1
Linn	34380	33052	26896	22059	13146	33789	30145	29368	29360	1344	1280	1150	889	404	1309	1289	1184	902	5.3	5.3	5.7	5.5	4.4
Louisa	25541	23995	20796	17091	11489	24530	23308	22754	25659	948	852	825	647	348	871	925	861	777	4.8	4.6	5.1	4.9	4.2
Lucas	25435	25288	21169	16433	10553	25852	23726	21878	23569	926	971	864	628	319	993	968	836	712	4.9	5.1	5.4	5.1	4.2
Lyon	21822	20365	17365	15400	11607	20819	19463	20502	25922	720	631	593	538	367	645	665	716	820	4.2	4.1	4.5	4.6	4.3
Madison	27130	25124	20443	16752	10667	25684	22912	22302	23823	1001	880	796	610	319	900	892	812	712	4.9	4.7	5.1	4.8	4.1
Mahaska	24672	23914	19769	16719	10671	24447	22157	22258	23832	870	827	758	616	316	845	850	820	706	4.6	4.6	5.0	4.9	4.1
Marion	28185	26809	22470	18392	11699	27407	25184	24486	26128	1014	934	904	697	347	955	1013	928	775	4.8	4.7	5.3	5.0	4.2
Marshall	26581	25948	22575	19102	12454	26526	25302	25431	27814	967	935	914	749	386	956	1024	997	862	4.8	4.8	5.3	5.2	4.4
Mills	27356	26884	21140	17866	11117	27483	23694	23785	24828	689	706	630	568	303	722	706	756	677	3.4	3.6	3.9	4.2	3.7
Mitchell	23110	21591	18822	16264	11523	22072	21096	21653	25735	800	687	681	581	384	702	763	774	858	4.5	4.2	4.7	4.6	4.5

Table 6. Average State Gross Personal Income Per Return, Average State Personal Income Tax Paid Per Return, and Average Percentage State Tax Rate in Iowa's Counties, 1979, 1989, 1994, 1998, and 1999 (continued).

County	Average Gross Personal Income Per Return										Average Personal Income Tax Paid Per Return								Average Tax Rate (Tax Paid/ Net Taxable Income)				
	Current \$s					Adjusted to 1999 \$s					Current \$s					Adjusted to 1999 \$s							
	1999	1998	1994	1989	1979	1998	1994	1989	1979	1999	1998	1994	1989	1979	1998	1994	1989	1979	1999	1998	1994	1989	1979
Monona	22624	22079	18497	16019	11215	22571	20731	21327	25047	754	734	682	600	367	750	764	799	820	4.4	4.4	4.8	4.9	4.4
Monroe	33850	21745	18796	15469	10100	22230	21066	20594	22557	1589	726	714	563	298	742	800	750	666	6.0	4.4	4.9	4.8	4.0
Montgomery	23235	22838	18804	16433	11007	23347	21075	21878	24582	792	770	681	596	335	787	763	793	748	4.4	4.4	4.7	4.8	4.1
Muscatine	29325	28761	24505	20566	12725	29402	27465	27380	28419	1104	1071	1031	821	391	1095	1156	1093	873	5.0	5.0	5.6	5.3	4.4
O'Brien	22996	22026	18540	16475	11752	22517	20780	21934	26246	773	718	680	608	379	734	762	809	846	4.4	4.3	4.8	4.9	4.4
Osceola	22026	20946	18138	15644	11860	21413	20329	20827	26488	706	643	620	526	381	657	695	700	851	4.1	4.0	4.5	4.4	4.4
Page	24658	24477	20277	17295	10436	25023	22726	23025	23307	869	889	778	664	307	909	872	884	686	4.6	4.7	5.0	5.0	4.0
Palo Alto	21454	21038	17022	15555	11443	21507	19078	20709	25556	718	710	605	557	377	726	678	742	842	4.4	4.5	4.6	4.8	4.5
Plymouth	27752	26169	21959	17244	11631	26752	24611	22957	25976	988	928	856	641	383	949	959	853	855	4.7	4.7	5.2	5.0	4.5
Pocahontas	21630	21277	17945	16337	12421	21751	20113	21750	27740	747	707	664	616	431	723	744	820	963	4.4	4.4	4.8	4.9	4.7
Polk	37551	35394	28255	23617	12854	36183	31668	31442	28707	1469	1363	1201	951	392	1393	1346	1266	875	5.5	5.4	5.8	5.6	4.5
Pottawattamie	27529	26175	21539	18151	11669	26758	24141	24165	26061	637	599	578	497	244	612	648	662	545	3.2	3.2	3.6	3.7	3.0
Poweshiek	26330	25941	20918	17797	11129	26519	23445	23694	24855	946	927	810	679	342	948	908	904	764	4.8	4.8	5.1	5.0	4.2
Ringgold	19573	19976	14395	12816	8584	20421	16134	17062	19171	619	661	450	418	240	676	504	556	536	4.2	4.4	4.1	4.3	3.7
Sac	21677	21281	17759	15733	11697	21755	19904	20946	26123	755	721	641	581	389	737	718	774	869	4.5	4.5	4.7	4.9	4.5
Scott	33548	32819	27010	22255	14012	33550	30273	29629	31294	1282	1247	1145	890	449	1275	1283	1185	1003	5.2	5.2	5.7	5.4	4.6
Shelby	22106	21235	17880	15055	11254	21708	20040	20043	25134	722	662	619	516	365	677	694	687	815	4.3	4.2	4.6	4.6	4.4
Sioux	26190	24931	19631	16866	12094	25487	22002	22454	27010	895	821	729	616	399	839	817	820	891	4.6	4.5	5.0	4.9	4.6
Story	32030	32182	24998	20537	11657	32899	28018	27341	26034	1212	1235	1038	796	345	1263	1163	1060	771	5.2	5.3	5.6	5.2	4.2
Tama	22921	22322	18925	15889	11084	22820	21211	21153	24754	799	752	721	579	348	769	808	771	777	4.5	4.4	4.9	4.8	4.2
Taylor	19638	18356	15648	13357	8941	18765	17538	17783	19968	594	541	517	435	253	553	579	579	565	3.9	3.8	4.3	4.2	3.7
Union	22141	21428	17909	15604	10014	21906	20072	20774	22365	764	704	649	548	278	720	727	730	621	4.5	4.3	4.7	4.6	3.8
Van Buren	20717	19582	16756	13863	9076	20018	18780	18456	20270	687	628	577	473	250	642	647	630	558	4.3	4.2	4.5	4.4	3.7
Wapello	24094	23351	20781	17660	11575	23871	23291	23511	25851	837	804	821	681	346	822	920	907	773	4.6	4.6	5.2	5.1	4.2
Warren	29940	28473	23547	19139	11909	29108	26391	25480	26597	1113	1036	957	724	353	1059	1073	964	788	5.0	4.9	5.4	5.1	4.2
Washington	24005	23474	22555	16851	10780	23997	25279	22434	24075	828	807	947	623	320	825	1061	829	715	4.6	4.6	5.6	4.9	4.2
Wayne	19597	19167	15849	13935	9566	19594	17763	18552	21364	581	569	520	478	277	582	583	636	619	3.9	3.9	4.3	4.5	3.9
Webster	26092	24979	21391	18186	12055	25536	23975	24211	26923	948	888	842	705	378	908	944	939	844	4.8	4.8	5.2	5.2	4.4
Winnebago	24685	22604	19011	16705	10607	23108	21307	22240	23689	849	744	689	582	307	761	772	775	686	4.5	4.3	4.7	4.6	4.0
Winneshiek	24541	23116	19089	15995	9795	23631	21395	21295	21876	866	783	695	570	286	800	779	759	639	4.6	4.5	4.8	4.7	3.9
Woodbury	28837	27550	23484	19694	12112	28164	26321	26219	27050	997	928	910	733	351	949	1020	976	784	4.7	4.6	5.2	5.1	4.2
Worth	22736	22770	17932	15395	10737	23277	20098	20496	23979	774	765	624	531	322	782	699	707	719	4.4	4.4	4.5	4.5	4.1
Wright	23371	22867	19747	16727	11988	23377	22132	22269	26773	829	778	754	628	403	795	845	836	900	4.6	4.6	5.0	5.0	4.6
IA Resident Returns	29000	27730	22896	19085	12019	28348	25662	25408	26843	1059	993	913	729	368	1015	1023	971	822	4.9	4.9	5.3	5.1	4.3
Nonresident Returns	138418	125217	79823	68339	8694	128008	89465	90981	19417	617	597	593	450	225	610	665	599	503	0.6	0.7	1.1	1.0	3.8
Total Returns	37691	35404	26896	21747	11924	36193	30145	28952	26630	1024	962	890	714	364	983	998	951	813	3.7	3.7	4.5	4.5	4.3

When deductions authorized by the tax code are removed from adjusted gross income, the result is net taxable income. This is the amount on which tax is calculated. In 1999, net taxable income totaled \$36.2 billion for Iowa residents, which was substantially more than the \$22.6 billion reported in 1989. Net taxable income varied across Iowa's counties in a manner similar to that observed for adjusted gross income, with Black Hawk, Dubuque, Johnson, Linn, Polk, Scott, and Woodbury reporting more than \$1 billion in net taxable income in 1999. Net taxable income increased in every county from 1989 to 1999. Controlling for inflation reduced the gains in net taxable income, although increases still occurred in most (91) counties. Gains were greater than \$100 million in 11 counties even after inflation was included in the calculations.

State taxes paid in 1999 varied from less than \$5 million in 25 counties to more than \$20 million in 18 others. The total paid by Iowa residents was nearly \$1.8 billion. Polk was the only county in which filers paid more than \$300 million in state taxes, while the totals in Linn and Scott were the only others greater than \$100 million. Adams, Ringgold, and Wayne each recorded less than \$2 million in state taxes paid in 1999. When 1989 and 1999 were compared after adjusting for inflation, nearly two-thirds (63) of the counties had gains in taxes paid. Increases after inflation exceeded \$10 million in Dallas, Johnson, Linn, Polk, Scott, and Story.

Averages and Rates

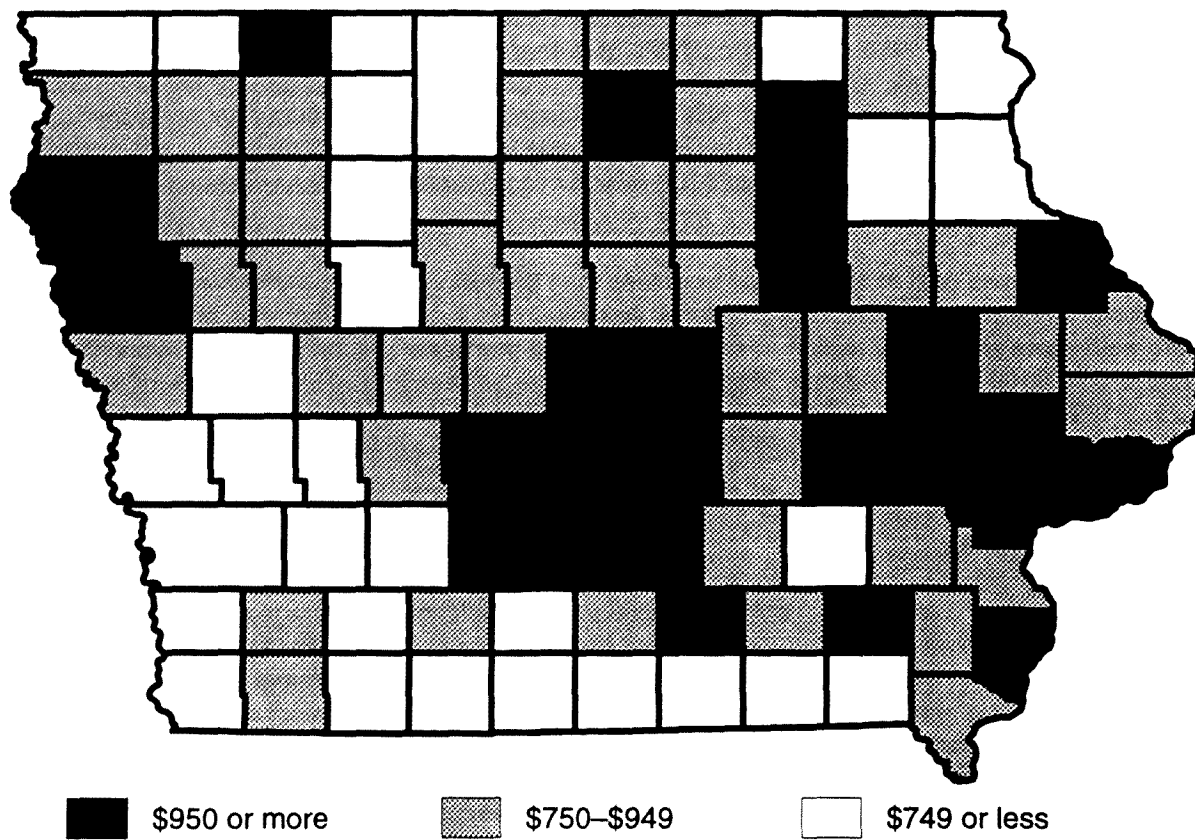
Information available in Tables 1-5 allows the calculation of averages and rates related to state personal income taxes. For example, adjusted gross personal income per tax return for Iowa residents averaged \$29,000 in 1999 (Table 6). That figure was a substantial increase from \$12,019 in 1979 and \$19,085 in 1989. When inflation was included, however, then a much smaller change occurred in average adjusted gross personal income per return from 1979 to 1999 (+\$2,157) and from 1989 to 1999 (+\$3,592). While counties tended to follow the state pattern, differences in averages were evident. For example, average adjusted gross personal income per 1999 return varied from less than \$20,000 in five counties to more than \$30,000 in 11 others. The highest was \$41,025 in Jefferson, which was more than double the \$19,355 reported in Adams, which was the lowest figure for the state.

The average state personal income tax paid per return for Iowa residents was \$1,059 in 1999 (Table 6). This average increased from \$368 in 1979 to \$729 in 1989 and was \$913 in 1994. When inflation was controlled, the average increased by \$88 between 1989 and 1999. In 1999, the average paid varied from \$581 in Wayne to \$1,624 in Jefferson (Figure 1).

The average state tax rate, which was calculated by dividing state taxes paid by net taxable income in Iowa, was 4.9 percent in 1999 for Iowans (Table 6). It was 4.3 percent in 1979, 5.1 percent in 1989, 5.3 percent in 1994, and 4.9 percent in 1998. The decline from 1994 to 1998 and 1999 was caused at least in part by changes in Iowa tax laws. In 1999, the average Iowa tax rate varied from less than 3.5 percent in Harrison, Mills, and Pottawattamie to 5.0 percent or more in 16 others. Those in which the rate was relatively high generally were urban counties in which incomes also were relatively high; these higher averages reflect the progressive nature of Iowa's personal income tax. The average was lowest in three counties on Iowa's western border, which indicates that some individuals work in another state and pay some taxes to both.

Note: Additional information is available in reports available from the Iowa Department of Revenue and Finance, Hoover Building, 1305 E. Walnut, State Capitol Complex, Des Moines, IA 50319.

Figure 1. Average state personal income tax paid per return for Iowa residents, 1999.



Property Tax Valuations in Iowa's Counties: 1995, 1997, 1999, and 2001

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Real properties in Iowa are taxed by local governments. Land, homes, farmland and farm buildings, commercial and industrial properties, utility infrastructure, and some manufacturing machinery and equipment are the real properties that are taxed. Taxable valuations are based originally upon assessed or market valuations of properties or, in the case of agricultural land, a measure of the relative productive potential of the property. The assessed value of property is determined by city or county assessors who base their determinations on actual sales of similar properties in their jurisdictions or, in the case of new property development, the total investment in land and buildings. If interjurisdictional distortions are evident, as in the case where properties are assessed significantly below an amount that they would fetch in the market, the State of Iowa issues equalization orders to offset the distortions. Equalizations are done during odd-numbered years; during even-numbered years, local assessors determine values solely on local sales experiences. In this section, figures are reported for 1995, 1997, 1999, and 2001, the four most recent years during which equalization occurred.

State law determines the proportion of assessed value that will be taxed and the appropriate property classifications for all properties. State law also constrains allowable annual growth. Residential, agricultural land, commercial, and industrial values are limited to no more than 4 percent growth in taxable values per year. When assessed valuation growth for a class of property exceeds the allowable growth rate, the values are rolled-back for tax purposes. The difference between the taxable value of property and the assessed value can be substantial. For fiscal year 2001, for example, the roll-back for determining taxable residential values was 54.9 percent of assessed residential value; the roll-back was 54.9 percent in 1999 as well and 56.8 percent as of 1997. Currently, there are no roll-backs for commercial and industrial properties.

The accompanying tables represent the major property classifications in Iowa. Residential properties include all single-family homes and duplexes. Valuations of land and buildings used for agricultural purposes are reported. Commercial properties include retail, wholesale, and service firms, while industrial properties include the land and the buildings of manufacturing firms. Manufacturing machinery and equipment is reported separately. The "all other" category includes utility properties and other minor property values for 1999 and earlier that do not fit into the previous classifications; as of 2001, the state removed gas and electric utility valuations from their compilation of taxable valuations at the county level. These valuations have been re-added to the "other" category to assure that the gross and net figures are comparable with earlier reports.

Net taxable property in Iowa in 2001 was valued at \$96.6 billion (Table 1), an increase from \$85.4 billion reported in 1999 (Table 2), \$82.1 billion reported in 1997 (Table 3), and \$78.4 billion noted in 1995 (Table 4). Total valuation available for property taxes in 2001 varied from less than \$500 million in 36 counties to more than \$1 billion in 21 others. Polk's total of \$12.1 billion was substantially greater than the \$6.5 billion in Linn, which was the second highest total. Adams, Decatur, Ringgold, and Taylor were the only counties with net taxable property valuations below \$200 million.

While residential property constituted the largest fraction of taxable values statewide in 2001, 63 counties had combined agricultural land and buildings values that exceeded those for either residential property, the combination of commercial and industrial property, or other types of property (Table 5). Agricultural land and buildings accounted for at least 50 percent of total valuations in 33 counties. In 35 counties, residential property was a greater proportion than any of the three other categories; in Black

Table 1. Fiscal 2001 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties.

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Adair	76.9	170.7	15.8	33.7	7.3	0.0	38.6	343.0	1.3	341.7
Adams	36.3	99.2	12.5	10.5	3.7	0.0	35.4	197.5	0.7	196.8
Allamakee	171.7	170.3	35.9	50.4	12.2	0.0	88.6	529.3	1.9	527.3
Appanoose	110.1	74.2	9.1	38.0	16.7	0.0	49.3	297.4	2.1	295.2
Audubon	58.8	157.1	21.2	14.4	2.1	0.0	26.9	280.6	1.2	279.4
Benton	364.0	346.8	34.1	62.3	9.4	0.3	69.0	885.9	3.4	882.5
Black Hawk	1561.6	238.2	29.5	879.8	139.0	10.6	259.9	3118.7	17.4	3101.2
Boone	341.6	284.3	24.7	109.2	24.7	0.0	101.3	885.8	3.7	882.1
Bremer	356.5	184.9	37.2	96.9	29.8	0.0	48.7	754.0	3.1	750.9
Buchanan	241.7	252.7	30.3	71.3	17.9	0.0	46.0	659.9	3.0	656.9
Buena Vista	200.5	287.8	32.6	98.5	21.6	0.0	55.9	696.9	2.7	694.2
Butler	175.5	252.3	25.4	34.6	10.0	0.0	41.6	539.4	2.5	536.9
Calhoun	125.0	322.1	20.0	39.2	2.3	0.0	34.3	542.9	2.0	541.0
Carroll	280.2	232.9	60.9	159.2	36.5	0.0	73.9	843.7	3.0	840.7
Cass	156.3	187.6	19.6	53.5	9.3	0.0	56.3	482.6	2.3	480.3
Cedar	253.0	302.6	22.9	64.5	23.6	0.0	59.7	726.4	2.4	724.0
Cerro Gordo	706.1	268.6	1.0	320.4	99.6	0.0	174.3	1570.1	7.4	1562.7
Cherokee	140.1	233.4	41.7	61.2	24.2	0.0	38.9	539.6	2.3	537.3
Chickasaw	148.0	210.6	22.9	46.3	17.1	0.0	35.8	480.9	1.9	479.0
Clarke	90.5	62.3	15.7	42.1	26.5	0.0	35.0	272.1	1.3	270.8
Clay	221.0	230.0	23.6	124.9	23.4	1.7	49.3	674.0	2.5	671.5
Clayton	216.3	241.5	41.8	74.7	11.6	0.0	51.4	637.3	2.7	634.7
Clinton	543.8	341.8	38.8	252.6	115.1	0.4	269.9	1562.5	7.6	1554.9
Crawford	146.2	254.9	39.5	59.3	13.0	0.0	48.0	560.8	2.3	558.6
Dallas	726.9	232.1	34.4	327.7	28.7	4.6	159.1	1513.5	4.6	1508.9
Davis	78.7	84.8	20.2	18.5	2.3	0.0	16.9	221.2	1.2	220.1
Decatur	53.2	77.3	12.6	19.4	4.3	0.0	24.2	190.9	1.1	189.8
Delaware	252.8	249.7	54.3	60.0	20.8	0.0	59.1	696.8	2.3	694.5
Des Moines	513.6	142.6	24.2	270.7	86.6	1.8	155.6	1195.1	7.1	1188.0
Dickinson	607.8	154.2	9.1	180.4	33.1	0.0	53.1	1037.7	2.9	1034.8
Dubuque	1278.1	174.8	68.8	612.1	154.2	0.0	178.6	2466.6	11.7	2455.0
Emmet	102.6	170.9	25.7	40.0	17.5	0.0	28.9	385.6	1.9	383.7
Fayette	205.5	299.2	38.5	68.7	18.2	0.0	57.1	687.1	3.2	683.9

Table 1. Fiscal 2001 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Floyd	186.3	217.2	23.0	56.5	37.7	0.0	50.2	570.9	2.6	568.3
Franklin	102.8	273.2	24.5	37.2	22.7	1.2	79.2	540.9	1.6	539.3
Fremont	74.1	198.2	15.6	26.5	19.1	0.0	54.9	388.3	1.3	387.0
Greene	91.5	303.3	13.7	36.8	8.9	0.0	43.9	498.1	1.7	496.4
Grundy	154.6	269.5	21.6	40.7	18.5	0.3	52.4	557.7	2.0	555.7
Guthrie	176.5	189.2	17.3	36.4	4.2	0.1	51.2	474.9	2.0	472.9
Hamilton	198.2	268.6	52.3	75.8	44.0	0.0	67.5	706.4	2.5	703.9
Hancock	116.5	263.4	18.8	36.0	25.5	0.0	103.6	563.8	1.8	562.0
Hardin	202.5	268.6	29.6	78.9	20.7	0.0	85.0	685.4	3.1	682.3
Harrison	200.2	265.0	22.7	43.4	4.8	0.0	63.0	599.0	2.2	596.8
Henry	221.0	164.8	19.7	106.6	29.3	0.0	46.2	587.7	2.3	585.3
Howard	93.2	178.9	20.7	29.7	14.3	0.0	24.5	361.3	1.3	360.0
Humboldt	127.3	232.1	14.3	49.5	13.3	0.0	47.2	483.7	1.9	481.8
Ida	67.1	204.6	21.9	25.8	12.0	0.0	25.4	356.8	1.4	355.4
Iowa	229.3	219.9	27.3	77.0	46.6	0.0	99.4	699.7	2.1	697.6
Jackson	230.1	198.4	25.7	78.7	14.5	0.0	50.6	598.0	2.8	595.2
Jasper	544.7	296.5	48.5	142.9	52.3	0.8	121.2	1206.8	4.9	1202.0
Jefferson	206.5	136.8	14.1	95.3	18.6	0.0	62.6	534.0	1.7	532.3
Johnson	1850.3	193.6	31.2	1249.0	70.2	0.0	224.7	3618.9	7.6	3611.3
Jones	241.1	251.9	29.3	59.3	11.4	0.0	57.1	650.1	2.6	647.5
Keokuk	108.5	208.0	38.9	27.1	10.8	0.0	64.7	458.1	1.9	456.2
Kossuth	176.9	484.8	29.5	62.3	48.2	0.0	80.8	882.5	2.8	879.7
Lee	385.7	161.7	24.0	160.9	103.7	0.4	208.8	1045.0	6.0	1039.0
Linn	3151.4	270.1	19.0	1891.2	386.3	47.5	729.9	6495.3	25.1	6470.3
Louisa	109.0	154.5	15.3	28.6	14.2	0.0	162.3	483.9	1.6	482.4
Lucas	80.9	59.8	11.2	49.0	1.9	0.0	33.7	236.4	1.4	235.1
Lyon	129.3	265.4	34.1	30.7	5.2	0.0	32.3	497.1	1.6	495.5
Madison	197.6	125.6	22.6	43.6	11.6	0.0	63.6	464.5	1.8	462.7
Mahaska	252.5	206.8	41.1	88.5	21.1	0.0	84.6	694.6	2.7	691.9
Marion	413.4	149.9	13.3	135.1	49.6	0.0	99.3	860.7	3.6	857.0
Marshall	463.8	257.9	24.3	169.7	60.6	21.2	152.7	1150.1	5.9	1144.2
Mills	239.5	154.2	15.4	39.9	4.6	0.0	92.1	545.8	1.8	544.0
Mitchell	118.4	207.5	23.0	28.5	17.3	1.5	29.6	425.8	1.7	424.1

Table 1. Fiscal 2001 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Monona	106.1	244.6	15.9	38.2	3.2	0.0	49.5	457.4	1.8	455.6
Monroe	75.4	74.7	10.5	19.8	91.5	7.4	110.1	389.5	1.3	388.2
Montgomery	119.0	131.3	14.3	47.1	11.9	0.0	60.0	383.5	1.8	381.7
Muscatine	556.2	167.2	18.8	212.8	272.7	0.0	176.8	1404.5	4.9	1399.6
O'Brien	157.2	280.1	27.8	61.9	10.1	0.0	42.4	579.5	2.5	577.0
Osceola	59.8	168.1	22.6	21.2	7.5	0.0	24.1	303.3	1.2	302.1
Page	162.9	175.5	9.5	57.9	15.9	26.1	50.0	497.7	2.6	495.1
Palo Alto	99.1	232.1	33.6	33.6	5.4	0.0	30.2	434.0	1.7	432.2
Plymouth	371.0	364.3	55.5	118.3	27.6	0.0	107.6	1044.4	3.3	1041.1
Pocahontas	59.6	321.9	17.8	29.4	4.5	0.0	40.0	473.2	1.7	471.5
Polk	5899.7	173.2	9.8	4897.9	331.0	7.6	817.9	12137.1	41.1	12096.1
Pottawattamie	1271.8	363.4	50.1	644.4	50.0	0.0	327.3	2707.1	11.9	2695.2
Poweshiek	253.9	225.4	29.1	83.7	30.0	0.0	85.8	708.0	2.6	705.3
Ringgold	53.1	78.7	21.2	10.2	2.1	0.0	20.2	185.4	0.9	184.5
Sac	117.1	281.8	32.9	35.3	4.6	0.0	32.0	503.8	2.0	501.7
Scott	2478.2	207.2	30.4	1462.7	300.8	1.3	575.2	5055.8	20.6	5035.2
Shelby	162.3	242.9	25.9	43.8	4.8	0.0	40.5	520.3	2.0	518.3
Sioux	373.5	370.5	70.0	117.4	48.4	1.5	76.7	1057.9	3.6	1054.3
Story	1139.4	284.6	20.6	777.6	83.4	0.0	110.1	2415.6	6.7	2408.9
Tama	185.4	319.2	14.3	60.0	16.6	0.0	69.4	664.8	2.8	662.1
Taylor	40.3	106.8	13.5	11.8	3.8	0.0	19.1	195.3	1.2	194.1
Union	119.4	81.7	15.5	50.5	31.9	0.0	51.6	350.7	1.8	348.9
Van Buren	64.5	108.9	10.0	11.2	4.5	0.0	20.1	219.2	1.3	217.9
Wapello	342.5	110.7	14.8	143.2	40.8	0.0	137.6	789.5	6.2	783.3
Warren	589.0	133.0	17.5	120.6	7.3	0.9	95.9	964.1	4.9	959.3
Washington	285.5	217.2	33.6	80.3	18.7	0.8	75.5	711.5	2.7	708.8
Wayne	51.8	97.4	9.7	12.1	5.3	3.7	36.8	216.7	1.1	215.7
Webster	464.4	374.8	21.0	261.6	49.2	0.0	130.9	1301.9	5.9	1296.0
Winnebago	120.9	193.6	13.1	41.3	16.5	0.7	30.2	416.3	1.8	414.5
Winneshiek	240.1	236.3	30.3	90.9	11.6	0.0	46.3	655.5	2.4	653.1
Woodbury	1241.9	294.0	22.5	795.4	109.9	10.4	442.9	2917.0	13.3	2903.7
Worth	78.9	173.4	8.6	20.4	3.9	0.0	45.9	331.1	1.2	329.9
Wright	145.3	282.4	41.4	56.5	24.5	0.0	71.8	621.8	2.2	619.6
State of Iowa	39167.1	21409.0	2530.0	20001.0	3935.9	152.9	9815.6	97011.5	386.8	96624.7

Table 2. Fiscal 1999 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties.

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Adair	69.6	171.0	15.6	24.9	6.1	3.7	45.4	336.1	1.4	334.7
Adams	30.8	99.3	11.8	9.8	2.9	3.9	31.7	190.3	0.8	189.5
Allamakee	137.4	148.7	35.2	43.1	9.1	5.7	87.8	467.1	1.9	465.2
Appanoose	104.4	69.0	8.2	32.2	14.3	12.5	44.9	285.5	2.2	283.3
Audubon	54.3	157.3	17.9	14.7	2.2	0.0	30.3	276.8	1.2	275.6
Benton	273.7	285.9	31.8	52.7	5.0	2.6	74.1	725.8	3.4	722.4
Black Hawk	1350.5	211.7	33.0	657.7	132.4	97.0	225.4	2707.7	17.6	2690.1
Boone	278.7	254.4	19.6	76.6	18.8	6.9	94.7	749.8	3.9	745.9
Bremer	312.8	169.0	36.5	81.8	16.3	11.7	38.8	667.0	3.1	663.8
Buchanan	210.7	237.1	26.8	53.7	12.9	5.6	44.5	591.3	3.0	588.3
Buena Vista	189.7	264.1	27.4	92.9	17.6	8.2	55.0	655.0	2.8	652.1
Butler	151.2	234.1	18.1	30.0	6.8	2.6	43.7	486.5	2.5	484.0
Calhoun	104.6	293.3	8.1	41.5	2.6	0.7	42.1	492.8	2.0	490.8
Carroll	243.3	218.1	53.9	120.0	28.8	16.6	64.9	745.7	3.1	742.6
Cass	141.8	188.3	20.2	42.8	7.9	8.6	55.8	465.5	2.4	463.1
Cedar	228.0	265.9	20.4	57.0	20.5	5.6	56.1	653.5	2.4	651.2
Cerro Gordo	623.2	246.4	1.1	230.1	93.4	42.9	135.4	1372.5	7.6	1364.9
Cherokee	134.2	234.0	36.7	52.3	13.2	3.5	38.3	512.3	2.4	509.9
Chickasaw	132.2	198.8	17.6	38.9	11.9	10.2	29.5	439.2	1.9	437.3
Clarke	75.3	62.5	9.1	30.0	10.9	4.1	36.1	228.1	1.3	226.7
Clay	201.1	230.6	19.6	115.3	20.2	10.9	46.2	643.9	2.5	641.3
Clayton	179.1	214.1	39.7	55.1	9.5	6.1	55.1	558.7	2.6	556.1
Clinton	497.9	308.5	35.1	197.5	97.8	159.7	156.7	1453.2	8.0	1445.2
Crawford	117.8	255.2	34.4	46.9	11.7	6.2	49.0	521.2	2.3	518.9
Dallas	546.2	212.1	26.5	196.0	22.4	22.7	157.5	1183.5	4.6	1178.9
Davis	69.6	70.2	12.4	14.9	1.0	1.5	14.3	183.8	1.2	182.6
Decatur	51.2	71.8	9.6	17.6	3.9	1.3	23.1	178.6	1.1	177.4
Delaware	206.0	222.7	47.1	44.8	18.4	9.6	57.0	605.7	2.3	603.4
Des Moines	464.8	121.5	24.1	204.9	66.8	54.2	119.1	1055.5	7.0	1048.4
Dickinson	501.4	136.3	6.5	126.3	20.1	2.9	52.7	846.2	2.9	843.3
Dubuque	1232.5	155.6	67.2	531.8	128.9	55.9	159.1	2331.0	12.1	2318.9
Emmet	87.0	170.9	6.9	30.4	9.3	6.0	25.7	336.1	1.9	334.2
Fayette	172.3	300.1	41.2	61.9	10.8	7.5	55.5	649.3	3.4	646.0

Table 2. Fiscal 1999 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Floyd	159.0	198.5	19.6	44.2	16.9	1.0	48.9	488.1	2.7	485.3
Franklin	88.7	260.4	19.6	26.4	13.3	3.7	75.3	487.5	1.7	485.8
Fremont	66.2	180.4	15.0	23.9	12.3	20.3	42.2	360.3	1.4	358.9
Greene	80.3	281.3	11.8	34.0	5.5	6.6	41.1	460.7	1.7	459.0
Grundy	139.8	270.6	18.5	27.4	12.7	4.5	40.8	514.3	2.0	512.3
Guthrie	143.1	177.3	14.2	32.5	4.4	1.1	44.5	417.1	2.0	415.1
Hamilton	178.5	256.6	39.5	70.0	37.2	9.2	51.3	642.4	2.5	639.8
Hancock	104.9	237.7	15.4	33.2	19.8	18.0	100.0	529.0	1.8	527.2
Hardin	166.9	269.0	19.6	67.7	12.8	13.1	76.1	625.4	3.2	622.1
Harrison	164.6	237.0	22.6	32.8	3.9	1.5	75.3	537.8	2.2	535.6
Henry	180.0	146.7	15.8	86.6	25.2	17.3	30.7	502.3	2.5	499.8
Howard	81.4	162.9	17.2	27.0	5.1	2.1	21.8	317.7	1.4	316.3
Humboldt	112.6	208.4	13.7	41.8	9.6	3.3	47.7	437.1	2.0	435.2
Ida	56.8	193.1	18.5	23.9	11.8	4.4	24.6	333.1	1.4	331.7
Iowa	192.6	184.9	25.9	49.8	43.7	55.7	62.6	615.1	2.1	613.0
Jackson	221.0	165.0	25.3	63.1	9.3	4.6	51.1	539.2	2.8	536.4
Jasper	460.0	252.8	44.8	121.5	40.7	44.3	99.9	1064.0	5.2	1058.9
Jefferson	177.8	122.8	12.4	78.1	13.7	17.8	46.7	469.3	1.8	467.4
Johnson	1606.5	170.8	28.0	924.6	55.8	63.0	203.6	3052.3	7.8	3044.5
Jones	207.2	216.1	28.9	39.7	10.5	9.0	57.0	568.2	2.7	565.5
Keokuk	101.3	179.5	32.1	24.7	10.3	3.0	57.8	408.7	2.0	406.7
Kossuth	141.5	455.3	25.0	52.1	43.1	13.5	89.3	819.8	2.9	817.0
Lee	373.3	134.9	20.7	124.8	71.7	74.4	134.4	934.3	6.2	928.1
Linn	2920.8	217.4	14.1	1591.8	311.3	230.9	580.5	5866.8	25.5	5841.3
Louisa	100.8	143.9	12.2	23.0	12.2	8.2	129.8	430.1	1.6	428.5
Lucas	70.1	55.5	10.5	34.5	2.2	1.0	31.6	205.5	1.4	204.0
Lyon	102.2	248.5	24.9	26.0	4.7	1.1	37.1	444.6	1.6	443.0
Madison	167.8	116.0	22.8	33.7	0.9	0.8	66.2	408.2	1.8	406.4
Mahaska	214.5	183.5	32.9	68.1	20.1	6.9	91.1	617.2	2.8	614.3
Marion	343.9	140.6	12.5	109.4	49.1	47.2	74.6	777.3	3.7	773.6
Marshall	419.2	230.5	22.5	147.8	43.5	27.1	150.0	1040.6	6.2	1034.4
Mills	166.9	155.1	15.5	35.0	3.3	0.7	87.4	463.9	1.9	462.0
Mitchell	102.1	194.0	17.8	25.4	4.6	5.3	24.0	373.2	1.8	371.4

Table 2. Fiscal 1999 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Monona	80.1	219.3	17.7	27.6	2.3	0.8	58.8	406.7	1.8	404.9
Monroe	72.2	64.1	8.8	17.4	77.0	108.2	30.2	377.9	1.3	376.6
Montgomery	107.8	131.4	13.7	34.4	8.9	5.8	55.4	357.5	1.9	355.5
Muscatine	486.1	152.2	14.5	161.8	129.0	129.8	86.2	1159.8	5.2	1154.6
O'Brien	131.0	259.7	21.0	50.3	7.1	2.4	41.8	513.2	2.6	510.6
Osceola	50.5	168.3	15.7	17.5	5.6	6.8	25.0	289.5	1.2	288.3
Page	148.3	163.8	9.2	51.5	11.2	11.8	47.4	443.1	2.7	440.4
Palo Alto	85.5	217.9	24.0	31.1	3.5	1.3	33.3	396.6	1.8	394.8
Plymouth	331.3	365.2	39.5	89.5	11.8	12.4	93.8	943.5	3.3	940.1
Pocahontas	56.7	290.6	14.0	28.2	3.4	1.3	42.1	436.2	1.7	434.5
Polk	5100.3	155.4	10.3	3872.2	282.0	207.2	796.1	10423.7	42.0	10381.7
Pottawattamie	1045.6	364.3	47.4	530.2	58.4	3.5	348.8	2398.2	12.2	2385.9
Poweshiek	222.8	205.5	26.2	66.2	19.6	16.5	77.5	634.2	2.7	631.5
Ringgold	49.8	74.5	20.2	9.4	1.3	0.9	21.9	177.9	1.0	176.9
Sac	106.3	263.9	27.4	30.6	4.3	1.6	34.2	468.4	2.1	466.2
Scott	2155.8	188.5	27.7	1208.9	248.1	256.0	390.4	4475.5	21.3	4454.1
Shelby	120.3	243.0	25.3	27.5	3.4	1.5	41.6	462.7	2.0	460.6
Sioux	314.2	371.2	52.0	80.8	33.3	16.2	79.1	946.8	3.7	943.1
Story	960.0	263.3	18.3	613.4	47.3	31.2	100.5	2034.0	6.9	2027.1
Tama	165.6	284.8	13.9	43.8	15.5	6.2	65.9	595.8	2.9	592.9
Taylor	39.0	106.8	9.8	10.1	0.7	0.3	20.3	186.9	1.3	185.7
Union	105.7	81.9	7.2	45.1	10.3	10.2	47.9	308.2	1.8	306.4
Van Buren	55.6	86.5	9.6	9.6	3.4	2.1	18.5	185.4	1.3	184.1
Wapello	329.4	96.0	12.4	123.9	35.7	15.7	134.2	747.4	6.5	740.9
Warren	530.1	124.9	16.3	115.6	4.6	1.9	103.2	896.6	4.9	891.8
Washington	216.5	201.4	20.3	66.2	16.3	10.8	60.0	591.6	2.7	589.0
Wayne	44.7	87.9	9.6	10.7	0.7	0.7	37.6	191.9	1.1	190.8
Webster	385.8	338.2	15.6	200.3	39.6	26.5	118.7	1124.6	6.2	1118.5
Winnebago	102.9	181.7	11.4	34.4	9.1	4.9	27.1	371.5	1.8	369.7
Winneshiek	196.7	202.2	30.4	74.1	10.4	9.5	41.8	565.1	2.5	562.6
Woodbury	1189.3	276.2	19.8	408.8	93.0	46.7	493.7	2527.5	13.8	2513.7
Worth	57.2	163.0	8.3	17.7	0.6	0.4	45.1	292.4	1.3	291.1
Wright	121.2	262.0	26.1	43.4	22.6	21.8	60.5	557.4	2.3	555.2
State of Iowa	34149.9	19781.9	2152.8	15723.4	3016.2	2290.1	8719.2	85833.6	397.1	85436.5

Table 3. Fiscal 1997 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties.

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Adair	69.6	177.4	15.1	24.6	4.7	3.9	46.6	342.0	1.4	340.6
Adams	33.2	103.0	11.6	10.2	3.1	4.1	39.2	204.3	0.8	203.5
Allamakee	133.5	154.8	37.7	43.7	9.5	7.6	85.0	471.8	2.0	469.8
Appanoose	99.8	72.4	8.5	28.5	10.9	16.6	44.4	281.1	2.3	278.8
Audubon	53.1	163.2	12.4	14.1	2.1	0.0	21.5	266.4	1.2	265.2
Benton	259.2	263.5	29.0	49.7	5.2	3.9	68.5	679.1	3.5	675.6
Black Hawk	1223.7	183.7	26.1	569.3	127.5	131.0	182.4	2443.6	8.9	2424.7
Boone	248.0	227.6	16.6	81.0	18.4	8.3	90.3	690.1	4.0	686.0
Bremer	287.6	153.4	31.0	76.3	20.8	24.2	34.7	628.0	3.3	624.7
Buchanan	196.9	246.2	26.2	45.2	12.6	8.5	40.3	575.8	3.1	572.7
Buena Vista	182.6	250.1	25.6	84.3	17.0	9.6	49.9	619.1	3.0	616.1
Butler	139.5	211.7	17.3	31.5	5.0	3.8	39.3	448.0	2.6	445.4
Calhoun	98.0	275.9	7.7	36.5	2.7	1.3	37.9	460.0	2.1	458.0
Carroll	225.8	204.1	45.6	124.0	33.5	21.8	55.8	710.5	3.1	707.4
Cass	130.0	195.1	21.5	48.9	8.3	8.9	52.1	464.7	2.5	462.3
Cedar	219.8	249.1	34.4	51.3	17.9	6.6	54.5	633.6	2.5	631.1
Cerro Gordo	557.5	230.3	1.0	271.7	90.8	61.8	121.0	1334.1	7.9	1326.1
Cherokee	119.6	242.9	34.5	43.6	17.0	5.1	32.3	495.0	2.5	492.5
Chickasaw	125.2	178.3	16.8	34.7	14.8	13.4	28.5	411.7	2.0	409.7
Clarke	64.9	65.0	9.0	27.2	10.7	4.9	36.9	218.5	1.3	217.2
Clay	190.8	233.0	18.8	98.7	20.1	14.9	44.9	621.2	2.6	618.6
Clayton	164.7	222.4	40.0	48.0	10.1	6.3	49.2	540.7	2.8	537.9
Clinton	483.0	296.5	33.2	185.8	104.3	177.4	138.9	1419.1	8.5	1410.6
Crawford	114.2	252.8	34.4	46.9	11.6	7.7	48.4	516.0	2.4	513.6
Dallas	506.6	210.8	23.6	211.7	25.4	26.5	137.1	1141.6	4.7	1136.9
Davis	57.3	69.7	11.8	13.4	2.4	2.3	13.9	170.8	1.2	169.5
Decatur	44.0	67.7	8.2	17.8	4.2	1.7	25.8	169.4	1.2	168.2
Delaware	207.7	216.2	45.0	48.0	15.3	10.9	48.2	591.4	2.4	589.0
Des Moines	455.4	109.1	21.0	195.6	72.8	59.7	113.3	1026.8	7.3	1019.5
Dickinson	505.0	142.8	6.5	127.6	22.9	6.1	50.5	861.3	3.0	858.4
Dubuque	1166.1	150.6	64.2	483.3	142.7	92.8	132.0	2231.7	12.5	2219.2
Emmet	80.6	165.9	6.8	30.1	9.6	6.3	25.4	324.7	2.0	322.6
Fayette	169.0	285.9	43.2	49.0	13.8	8.4	51.0	620.3	3.5	616.8

Table 3. Fiscal 1997 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Floyd	153.6	179.9	19.1	47.5	31.2	9.6	40.9	481.7	2.8	478.9
Franklin	79.9	249.4	19.1	27.2	20.2	4.7	71.8	472.4	1.7	470.6
Fremont	62.1	187.3	15.3	25.5	17.2	26.0	37.7	371.0	1.4	369.6
Greene	80.3	260.7	11.8	36.7	8.0	8.7	40.4	446.6	1.7	444.8
Grundy	114.0	245.7	20.7	30.2	16.3	5.8	39.2	471.9	2.0	469.9
Guthrie	143.1	184.3	12.6	29.2	4.6	1.2	42.4	417.4	2.0	415.3
Hamilton	152.5	240.2	36.6	68.0	40.1	36.6	49.3	623.5	2.6	620.9
Hancock	93.6	246.8	14.3	28.7	29.1	20.8	98.1	531.3	1.9	529.4
Hardin	154.6	249.4	21.6	63.5	15.7	15.5	71.5	591.8	3.3	588.5
Harrison	133.2	219.6	23.2	28.7	3.9	1.7	75.0	485.3	2.3	483.0
Henry	181.7	123.2	13.5	86.3	27.9	22.4	33.0	488.2	2.5	485.7
Howard	76.6	167.9	15.6	26.8	11.8	3.8	20.8	323.3	1.5	321.8
Humboldt	98.5	204.0	13.4	36.4	10.6	3.5	44.6	410.9	2.0	408.9
Ida	64.1	187.3	17.2	23.0	11.9	4.7	23.4	331.5	1.4	330.0
Iowa	173.6	169.7	26.4	65.9	43.3	62.7	62.5	604.0	2.2	601.8
Jackson	200.5	172.0	25.9	53.8	12.2	10.6	42.5	517.6	2.9	514.7
Jasper	410.6	222.9	36.1	128.9	47.3	55.0	90.0	990.8	5.3	985.4
Jefferson	177.8	108.7	12.9	62.0	14.4	20.9	55.5	452.1	1.9	450.2
Johnson	1513.3	158.0	25.8	877.9	60.4	80.4	199.5	2915.4	8.0	2907.3
Jones	187.7	187.0	29.8	42.8	10.1	11.8	49.2	518.4	2.7	515.7
Keokuk	82.9	175.7	30.1	25.0	8.7	3.7	63.9	389.9	2.0	387.9
Kossuth	144.5	439.6	24.1	46.8	36.8	12.2	90.6	794.6	2.9	791.7
Lee	340.6	107.2	17.5	111.1	80.5	93.1	138.3	888.3	6.4	882.0
Linn	2722.7	207.0	14.4	1379.7	300.9	391.2	514.4	5530.3	26.0	5504.3
Louisa	87.9	134.1	11.3	24.6	12.2	8.6	127.9	406.6	1.6	405.0
Lucas	66.4	57.8	10.6	39.3	2.2	2.6	34.0	212.9	1.5	211.4
Lyon	106.6	224.3	18.8	25.3	4.6	1.2	36.0	416.7	1.7	415.1
Madison	147.5	120.6	23.6	30.9	8.2	3.1	62.0	395.9	1.8	394.1
Mahaska	208.7	172.1	32.6	76.3	20.3	8.5	77.8	596.3	3.0	593.3
Marion	325.3	132.8	12.5	95.3	49.7	63.6	69.1	748.3	3.8	744.5
Marshall	399.0	215.6	23.1	144.9	47.8	37.6	142.3	1010.2	6.4	1003.8
Mills	157.6	149.4	15.9	28.0	1.6	1.6	85.7	439.8	1.9	437.9
Mitchell	94.1	191.6	16.4	24.7	12.7	12.0	22.5	373.9	1.8	372.1

Table 3. Fiscal 1997 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Monona	77.8	211.7	18.4	23.5	2.1	2.3	56.7	392.5	1.9	390.7
Monroe	52.8	66.7	9.3	16.2	65.4	119.2	34.0	363.6	1.4	362.2
Montgomery	111.0	136.6	19.5	29.9	10.2	11.1	58.7	376.8	2.0	374.8
Muscatine	476.6	141.9	15.0	145.4	129.1	149.6	85.2	1142.9	5.3	1137.6
O'Brien	133.9	269.3	19.1	53.2	9.4	4.0	36.6	525.4	2.6	522.8
Osceola	57.4	174.5	13.0	18.2	6.7	7.3	26.6	303.7	1.3	302.5
Page	125.9	170.1	9.2	50.9	19.4	31.7	39.2	446.3	2.7	443.6
Palo Alto	75.9	232.4	19.5	30.7	3.2	2.4	32.3	396.4	1.8	394.6
Plymouth	297.5	333.0	38.1	95.7	20.2	19.0	80.8	884.3	3.4	880.9
Pocahontas	58.7	269.2	13.8	29.2	3.7	2.3	42.8	419.7	1.8	417.9
Polk	4813.1	139.3	8.1	3853.5	261.6	275.2	647.1	9997.9	43.8	9954.1
Pottawattamie	888.2	338.2	41.9	422.0	60.6	3.4	305.6	2060.0	12.6	2047.4
Poweshiek	205.7	185.6	26.7	69.4	23.4	20.7	71.1	602.6	2.7	599.9
Ringgold	45.1	86.7	14.7	8.7	1.4	1.0	20.6	178.3	1.0	177.3
Sac	100.5	248.9	25.7	25.9	3.5	1.7	32.2	438.4	2.2	436.2
Scott	2065.0	176.6	27.8	1094.0	263.4	303.0	431.1	4360.9	21.9	4338.9
Shelby	125.6	229.5	23.5	33.4	4.2	2.4	39.4	458.0	2.1	455.9
Sioux	319.9	328.2	54.3	95.9	38.4	18.3	72.5	927.6	3.8	923.8
Story	914.6	232.5	15.5	539.1	46.1	36.9	95.8	1880.6	7.1	1873.5
Tama	151.6	268.4	14.1	49.6	17.2	6.4	64.6	572.0	2.9	569.1
Taylor	34.4	110.8	11.8	9.0	2.6	1.9	17.8	188.5	1.3	187.2
Union	96.7	82.1	6.9	44.4	10.2	11.6	52.1	303.8	1.8	302.0
Van Buren	55.4	79.7	9.9	9.0	3.4	2.6	18.6	178.6	1.3	177.2
Wapello	319.9	99.9	12.8	111.7	35.4	22.8	133.6	736.2	6.7	729.4
Warren	497.0	118.4	15.5	93.5	6.1	3.6	94.1	828.2	5.0	823.2
Washington	228.1	191.2	17.1	70.9	15.6	12.0	62.2	597.2	2.7	594.5
Wayne	39.6	86.5	10.4	12.4	5.5	5.7	45.8	205.9	1.1	204.7
Webster	370.4	302.8	12.1	207.0	44.6	34.6	134.0	1105.5	6.5	1099.0
Winnebago	98.3	171.5	11.4	33.8	10.0	9.1	27.2	361.3	1.8	359.5
Winneshiek	197.2	204.1	36.1	65.5	9.4	11.2	36.5	560.0	2.6	557.5
Woodbury	1056.1	258.7	17.7	626.7	89.5	77.7	434.6	2561.0	14.7	2546.3
Worth	65.3	161.3	8.5	17.0	3.3	2.4	41.6	299.4	1.3	298.1
Wright	118.6	271.3	20.4	49.8	22.9	22.6	60.1	565.7	2.4	563.3
State of Iowa	32020.8	18940.5	2063.9	15128.2	3157.8	3047.4	8122.6	82480.4	410.5	82069.3

Table 4. Fiscal 1995 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties.

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Adair	67.1	177.6	14.2	23.3	4.2	3.5	41.2	331.0	1.4	329.6
Adams	32.0	103.1	10.8	8.1	6.4	0.0	33.4	193.8	0.8	192.9
Allamakee	125.7	133.1	37.7	40.3	8.2	6.7	84.0	435.7	2.0	433.7
Appanoose	96.4	68.5	7.8	29.0	10.7	15.9	34.8	263.2	2.4	260.8
Audubon	49.1	175.5	12.1	13.7	1.9	0.0	23.2	275.6	1.3	274.3
Benton	230.4	263.9	28.8	46.9	5.4	5.4	59.8	640.6	3.5	637.1
Black Hawk	1301.1	193.7	28.4	468.9	111.5	125.7	177.4	2406.6	19.7	2386.8
Boone	251.7	227.9	16.6	79.7	18.2	8.2	90.3	692.7	4.2	688.5
Bremer	264.5	141.2	28.3	66.8	18.8	24.8	32.7	577.1	3.5	573.6
Buchanan	178.0	246.4	23.4	45.4	10.9	8.0	38.9	551.1	3.2	547.9
Buena Vista	180.8	272.0	28.8	85.4	15.7	10.6	45.2	638.5	3.1	635.4
Butler	126.2	223.8	18.0	26.9	4.2	3.6	34.3	437.1	2.6	434.4
Calhoun	92.0	293.6	7.3	36.9	2.6	1.3	35.4	469.1	2.1	467.0
Carroll	218.5	238.7	39.8	122.0	29.0	20.1	46.4	714.5	3.2	711.3
Cass	126.7	195.3	21.8	44.5	8.7	8.4	50.2	455.6	2.5	453.1
Cedar	191.3	249.5	33.2	46.0	17.9	6.4	42.9	587.3	2.5	584.8
Cerro Gordo	556.3	248.3	1.0	263.3	137.9	0.0	111.1	1317.8	8.1	1309.7
Cherokee	117.0	258.6	33.7	43.1	15.1	5.8	32.2	505.5	2.5	503.0
Chickasaw	119.4	178.7	15.4	32.2	14.2	12.7	25.9	398.3	2.0	396.3
Clarke	63.1	62.2	7.6	26.7	10.4	4.6	30.6	205.2	1.4	203.8
Clay	173.1	255.7	17.4	85.6	17.0	16.0	43.4	608.2	2.6	605.6
Clayton	162.9	222.7	37.9	41.4	9.2	6.2	49.9	530.1	2.8	527.3
Clinton	482.3	280.6	31.0	166.0	93.4	146.0	129.8	1329.1	8.6	1320.5
Crawford	124.3	253.0	33.4	49.6	12.4	8.3	37.5	518.5	2.5	516.1
Dallas	434.6	211.8	21.5	142.3	20.5	17.8	152.4	1001.1	4.7	996.4
Davis	55.2	67.3	11.5	12.0	2.3	2.3	13.1	163.7	1.2	162.5
Decatur	45.2	68.1	7.9	17.6	4.0	1.7	21.2	165.7	1.2	164.5
Delaware	193.7	216.6	44.5	41.1	13.5	14.2	45.8	569.3	2.4	566.9
Des Moines	432.3	101.2	19.1	206.8	68.7	74.9	98.7	1001.7	7.5	994.2
Dickinson	455.1	162.0	6.9	115.8	22.0	6.8	46.6	815.2	3.0	812.2
Dubuque	1074.0	141.4	59.4	414.2	138.0	86.0	129.1	2042.2	12.8	2029.4
Emmet	76.7	200.1	5.5	28.4	8.1	5.9	21.2	345.9	2.1	343.8
Fayette	159.9	286.5	44.3	52.5	12.1	9.2	48.2	612.5	3.6	609.0

Table 4. Fiscal 1995 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Floyd	142.7	191.4	18.0	45.0	18.6	9.6	39.0	464.3	2.9	461.4
Franklin	86.5	278.8	24.9	24.2	14.5	5.7	63.0	497.5	1.8	495.7
Fremont	60.8	187.5	15.2	25.8	15.1	21.9	32.2	358.4	1.4	357.0
Greene	81.8	261.1	10.6	34.7	7.8	8.1	34.9	439.0	1.8	437.2
Grundy	112.1	234.5	19.9	30.5	14.9	5.5	38.5	456.0	2.0	454.0
Guthrie	121.0	184.3	10.8	29.3	4.4	2.0	40.2	392.0	2.1	389.9
Hamilton	152.4	260.6	28.1	57.9	31.0	34.7	47.4	612.1	2.7	609.3
Hancock	107.4	277.6	14.6	31.3	26.9	17.6	103.9	579.4	1.9	577.4
Hardin	138.5	259.9	19.2	57.0	14.2	16.1	62.2	567.1	3.5	563.7
Harrison	128.6	219.9	22.7	29.4	3.1	1.7	50.4	455.8	2.3	453.5
Henry	180.3	123.4	13.1	83.1	28.6	18.2	26.1	472.7	2.6	470.2
Howard	75.4	167.3	16.5	25.5	6.3	4.5	18.3	313.8	1.5	312.3
Humboldt	97.0	226.8	12.1	36.5	8.4	3.2	40.1	423.9	2.0	421.9
Ida	62.6	197.2	17.8	23.7	11.9	4.1	22.6	339.8	1.5	338.4
Iowa	162.7	170.3	26.1	51.4	39.6	59.2	56.0	565.4	2.3	563.1
Jackson	178.4	150.4	25.3	52.5	10.5	9.5	39.1	465.7	3.0	462.7
Jasper	411.8	223.5	34.5	106.8	43.7	41.7	73.9	935.9	5.5	930.4
Jefferson	176.6	109.0	12.4	58.9	13.0	22.8	42.1	434.9	1.9	433.0
Johnson	1386.1	159.2	25.7	757.7	56.4	69.1	183.7	2638.1	8.1	2630.0
Jones	169.7	187.4	29.4	41.1	9.8	11.0	48.7	497.2	2.8	494.4
Keokuk	84.4	176.1	29.3	21.2	8.1	3.9	59.5	382.5	2.0	380.4
Kossuth	137.9	503.0	26.3	46.5	36.1	11.3	81.4	842.5	3.0	839.5
Lee	307.0	91.3	14.3	127.3	77.8	91.8	119.4	829.0	6.5	822.4
Linn	2606.3	206.3	6.1	1192.6	264.7	380.1	464.0	5120.2	26.7	5093.5
Louisa	91.4	126.4	10.5	20.8	11.1	8.1	135.9	404.1	1.7	402.4
Lucas	66.0	54.6	10.0	37.7	2.6	2.6	23.1	196.6	1.5	195.1
Lyon	91.4	224.4	16.8	26.8	4.2	1.3	28.9	394.0	1.7	392.3
Madison	129.1	120.7	23.2	25.2	6.2	2.6	63.9	370.9	1.8	369.1
Mahaska	190.3	172.9	29.6	67.1	18.4	8.6	71.2	558.2	3.1	555.2
Marion	306.3	133.3	12.3	85.4	40.4	52.9	56.0	686.7	3.9	682.8
Marshall	365.7	216.4	23.1	121.1	46.7	37.9	120.9	931.7	6.7	925.1
Mills	139.9	149.5	15.5	27.6	1.0	1.6	89.8	424.7	1.9	422.8
Mitchell	89.7	199.5	15.2	24.3	10.3	10.1	23.3	372.4	1.8	370.5

Table 4. Fiscal 1995 Taxable Valuations (in \$1,000,000s) by Property Type in Iowa's Counties (continued).

County	Residential	Agricultural Land	Agricultural Buildings	Commercial	Industrial	Machinery/ Equipment	All Other	Gross Valuation	Military Exempt	Net Taxable Valuation
Monona	74.4	211.9	17.7	23.4	2.1	2.1	50.9	382.5	1.9	380.6
Monroe	55.4	62.6	8.5	16.3	49.2	104.6	21.1	317.7	1.4	316.3
Montgomery	98.0	136.7	17.9	29.2	10.1	10.1	51.8	353.8	2.0	351.8
Muscatine	459.1	143.2	15.0	154.5	126.1	141.4	86.4	1125.7	5.5	1120.2
O'Brien	124.6	301.0	19.5	52.0	8.9	3.7	34.5	544.2	2.7	541.5
Osceola	52.0	199.0	15.3	18.6	6.0	8.1	20.3	319.2	1.3	318.0
Page	125.7	157.3	9.1	51.2	15.1	28.0	36.5	423.0	2.8	420.2
Palo Alto	75.1	273.8	17.1	30.4	2.8	2.2	26.3	427.7	1.8	425.8
Plymouth	274.0	310.5	47.7	85.5	14.8	14.5	65.5	812.5	3.4	809.1
Pocahontas	60.4	290.0	14.9	31.4	3.6	2.9	36.5	439.7	1.8	437.9
Polk	4552.7	142.9	6.9	3485.3	253.7	323.9	567.6	9333.0	45.4	9287.7
Pottawattamie	853.3	338.9	41.2	382.9	62.0	6.9	268.9	1954.2	13.1	1941.0
Poweshiek	186.3	185.8	26.3	62.1	19.2	18.7	56.9	555.3	2.8	552.6
Ringgold	41.9	86.7	13.6	7.7	1.4	1.0	17.7	170.1	1.0	169.1
Sac	97.1	249.2	36.4	31.1	4.0	1.9	29.2	448.8	2.2	446.6
Scott	2029.8	164.4	27.1	921.5	237.4	283.8	366.6	4030.6	22.6	4008.1
Shelby	124.8	229.8	23.7	36.1	4.5	2.8	31.4	453.1	2.1	451.0
Sioux	279.1	348.8	45.5	94.9	42.1	19.9	58.5	888.9	3.8	885.1
Story	879.7	233.4	14.9	460.2	42.3	35.8	75.5	1741.7	7.3	1734.4
Tama	132.8	269.2	23.2	48.9	16.9	8.2	58.4	557.5	3.0	554.6
Taylor	38.6	110.9	11.7	8.6	1.8	1.7	15.2	188.5	1.4	187.1
Union	94.4	82.4	6.9	44.5	7.5	6.6	40.7	283.0	1.9	281.1
Van Buren	48.4	76.2	9.1	7.9	2.7	2.4	16.7	163.4	1.3	162.1
Wapello	291.0	94.8	12.1	102.8	36.8	27.2	123.4	688.2	6.9	681.4
Warren	481.6	119.1	15.2	98.9	3.8	3.7	94.9	817.2	5.0	812.1
Washington	199.7	191.5	15.8	56.2	15.1	11.1	56.6	546.1	2.8	543.3
Wayne	42.6	86.6	10.2	12.0	3.3	2.9	34.9	192.5	1.2	191.3
Webster	382.1	318.9	11.5	209.3	43.2	32.8	119.8	1117.6	6.7	1110.9
Winnebago	105.4	194.5	10.6	33.1	10.4	8.8	22.7	385.5	1.8	383.7
Winneshiek	185.4	194.8	37.9	65.7	8.2	9.0	37.4	538.4	2.6	535.8
Woodbury	1007.8	257.9	17.2	611.4	82.4	80.1	406.9	2463.8	14.8	2449.0
Worth	64.7	173.6	8.4	16.3	2.8	2.2	38.9	306.8	1.4	305.5
Wright	124.9	304.6	15.9	43.7	22.9	24.2	47.5	583.9	2.5	581.4
State of Iowa	30537.6	19403.7	2007.9	13682.3	2942.5	2879.5	7322.8	78776.3	421.4	78354.9

Table 5. Percent of Total Taxable Valuations for Selected Types of Property in Iowa's Counties, 1995, 1997, 1999, and 2001.

County	Residential				Agricultural (Land and Buildings)				Commercial/Industrial				Other			
	2001	1999	1997	1995	2001	1999	1997	1995	2001	1999	1997	1995	2001	1999	1997	1995
Adair	22.4	20.7	20.4	20.3	54.4	55.5	56.3	57.9	11.9	9.2	8.6	8.3	11.3	14.6	14.8	13.5
Adams	18.4	16.2	16.2	16.5	56.5	58.4	56.1	58.8	7.2	6.7	6.5	7.5	17.9	18.7	21.2	17.2
Allamakee	32.4	29.4	28.3	28.9	39.0	39.4	40.8	39.2	11.8	11.2	11.3	11.1	16.7	20.0	19.6	20.8
Appanoose	37.0	36.6	35.5	36.6	28.0	27.1	28.8	29.0	18.4	16.3	14.0	15.1	16.6	20.1	21.7	19.3
Audubon	21.0	19.6	19.9	17.8	63.5	63.3	65.9	68.1	5.9	6.1	6.1	5.7	9.6	10.9	8.1	8.4
Benton	41.1	37.7	38.2	36.0	43.0	43.8	43.1	45.7	8.1	8.0	8.1	8.2	7.8	10.6	10.7	10.2
Black Hawk	50.1	49.9	50.1	54.1	8.6	9.0	8.6	9.2	32.7	29.2	28.5	24.1	8.7	11.9	12.8	12.6
Boone	38.6	37.2	35.9	36.3	34.9	36.5	35.4	35.3	15.1	12.7	14.4	14.1	11.4	13.6	14.3	14.2
Bremer	47.3	46.9	45.8	45.8	29.5	30.8	29.4	29.4	16.8	14.7	15.5	14.8	6.5	7.6	9.4	10.0
Buchanan	36.6	35.6	34.2	32.3	42.9	44.6	47.3	49.0	13.5	11.3	10.0	10.2	7.0	8.5	8.5	8.5
Buena Vista	28.8	29.0	29.5	28.3	46.0	44.5	44.5	47.1	17.2	16.9	16.4	15.8	8.0	9.6	9.6	8.7
Butler	32.5	31.1	31.1	28.9	51.5	51.8	51.1	55.3	8.3	7.6	8.1	7.1	7.7	9.5	9.6	8.7
Calhoun	23.0	21.2	21.3	19.6	63.0	61.2	61.7	64.1	7.7	8.9	8.5	8.4	6.3	8.7	8.5	7.8
Carroll	33.2	32.6	31.8	30.6	34.8	36.5	35.1	39.0	23.2	20.0	22.2	21.1	8.8	10.9	10.9	9.3
Cass	32.4	30.5	28.0	27.8	42.9	44.8	46.6	47.7	13.0	10.9	12.3	11.7	11.7	13.8	13.1	12.9
Cedar	34.8	34.9	34.7	32.6	44.8	43.8	44.7	48.1	12.1	11.9	10.9	10.9	8.2	9.4	9.6	8.4
Cerro Gordo	45.0	45.4	41.8	42.2	17.2	18.0	17.3	18.9	26.7	23.6	27.2	30.4	11.1	13.0	13.7	8.4
Cherokee	26.0	26.2	24.2	23.1	51.0	52.9	56.0	57.8	15.8	12.8	12.2	11.5	7.2	8.2	7.6	7.5
Chickasaw	30.8	30.1	30.4	30.0	48.6	49.3	47.4	48.7	13.2	11.6	12.0	11.6	7.4	9.0	10.2	9.7
Clarke	33.3	33.0	29.7	30.8	28.7	31.4	33.9	34.0	25.2	17.9	17.3	18.1	12.9	17.6	19.1	17.2
Clay	32.8	31.2	30.7	28.5	37.6	38.9	40.5	44.9	22.0	21.0	19.1	16.9	7.6	8.9	9.6	9.8
Clayton	33.9	32.1	30.5	30.7	44.5	45.4	48.5	49.2	13.5	11.6	10.7	9.5	8.1	11.0	10.3	10.6
Clinton	34.8	34.3	34.0	36.3	24.4	23.6	23.2	23.4	23.5	20.3	20.4	19.5	17.3	21.8	22.3	20.8
Crawford	26.1	22.6	22.1	24.0	52.5	55.6	55.7	55.2	12.9	11.2	11.3	12.0	8.6	10.6	10.9	8.8
Dallas	48.0	46.1	44.4	43.4	17.6	20.2	20.5	23.3	23.6	18.5	20.8	16.3	10.8	15.2	14.3	17.0
Davis	35.6	37.9	33.5	33.7	47.4	44.9	47.7	48.1	9.4	8.7	9.3	8.7	7.6	8.6	9.5	9.4
Decatur	27.9	28.7	26.0	27.3	47.1	45.6	44.8	45.9	12.4	12.1	13.0	13.0	12.7	13.7	16.2	13.8
Delaware	36.3	34.0	35.1	34.0	43.6	44.5	44.2	45.9	11.6	10.4	10.7	9.6	8.5	11.0	10.0	10.5
Des Moines	43.0	44.0	44.3	43.2	14.0	13.8	12.7	12.0	29.9	25.7	26.1	27.5	13.2	16.4	16.8	17.3
Dickinson	58.6	59.2	58.6	55.8	15.7	16.9	17.3	20.7	20.6	17.3	17.5	16.9	5.1	6.6	6.6	6.6
Dubuque	51.8	52.9	52.3	52.6	9.9	9.6	9.6	9.8	31.1	28.3	28.1	27.0	7.2	9.2	10.1	10.5
Emmet	26.6	25.9	24.8	22.2	51.0	52.9	53.2	59.4	14.9	11.8	12.2	10.6	7.5	9.4	9.8	7.8
Fayette	29.9	26.5	27.2	26.1	49.1	52.6	53.1	54.0	12.6	11.2	10.1	10.5	8.3	9.7	9.6	9.4
Floyd	32.6	32.6	31.9	30.7	42.1	44.7	41.3	45.1	16.5	12.5	16.3	13.7	8.8	10.2	10.5	10.5
Franklin	19.0	18.2	16.9	17.4	55.0	57.4	56.8	61.0	11.1	8.1	10.0	7.8	14.9	16.2	16.2	13.8
Fremont	19.1	18.4	16.7	17.0	55.0	54.2	54.6	56.5	11.7	10.0	11.5	11.4	14.1	17.3	17.2	15.1
Greene	18.4	17.4	18.0	18.6	63.6	63.6	61.0	61.9	9.2	8.6	10.0	9.7	8.8	10.4	11.0	9.8
Grundy	27.7	27.2	24.2	24.6	52.2	56.2	56.5	55.8	10.6	7.8	9.9	10.0	9.4	8.8	9.5	9.7
Guthrie	37.2	34.3	34.3	30.9	43.5	45.9	47.2	49.8	8.6	8.8	8.1	8.6	10.8	10.9	10.4	10.8
Hamilton	28.1	27.8	24.5	24.9	45.4	46.1	44.4	47.2	17.0	16.7	17.3	14.5	9.6	9.4	13.8	13.4
Hancock	20.7	19.8	17.6	18.5	50.1	47.8	49.1	50.4	10.9	10.0	10.9	10.0	18.4	22.3	22.4	21.0
Hardin	29.5	26.7	26.1	24.4	43.5	46.2	45.8	49.2	14.5	12.9	13.4	12.6	12.4	14.3	14.7	13.8
Harrison	33.4	30.6	27.4	28.2	48.0	48.3	50.0	53.2	8.0	6.8	6.7	7.1	10.5	14.3	15.8	11.4
Henry	37.6	35.8	37.2	38.1	31.4	32.3	28.0	28.9	23.1	22.3	23.4	23.6	7.9	9.6	11.4	9.4
Howard	25.8	25.6	23.7	24.0	55.2	56.7	56.8	58.6	12.2	10.1	11.9	10.1	6.8	7.5	7.6	7.3
Humboldt	26.3	25.7	24.0	22.9	50.9	50.8	52.9	56.3	13.0	11.8	11.4	10.6	9.8	11.7	11.7	10.2
Ida	18.8	17.1	19.3	18.4	63.5	63.5	61.7	63.3	10.6	10.7	10.5	10.5	7.1	8.7	8.5	7.9
Iowa	32.8	31.3	28.7	28.8	35.3	34.3	32.5	34.7	17.7	15.2	18.1	16.1	14.2	19.2	20.7	20.4
Jackson	38.5	41.0	38.7	38.3	37.5	35.3	38.2	37.7	15.6	13.4	12.8	13.5	8.5	10.3	10.3	10.4
Jasper	45.1	43.2	41.4	44.0	28.6	28.0	26.1	27.6	16.2	15.2	17.8	16.1	10.1	13.5	14.6	12.4

Table 5. Percent of Total Taxable Valuations for Selected Types of Property in Iowa's Counties, 1995, 1997, 1999, and 2001 (continued).

County	Residential				Agricultural (Land and Buildings)				Commercial/Industrial				Other			
	2001	1999	1997	1995	2001	1999	1997	1995	2001	1999	1997	1995	2001	1999	1997	1995
Jefferson	38.7	37.9	39.3	40.6	28.3	28.8	26.9	27.9	21.3	19.6	16.9	16.5	11.7	13.7	16.9	14.9
Johnson	51.1	52.6	51.9	52.5	6.2	6.5	6.3	7.0	36.5	32.1	32.2	30.9	6.2	8.7	9.6	9.6
Jones	37.1	36.5	36.2	34.1	43.3	43.1	41.8	43.6	10.9	8.8	10.2	10.2	8.8	11.6	11.8	12.0
Keokuk	23.7	24.8	21.3	22.1	53.9	51.8	52.8	53.7	8.3	8.5	8.6	7.7	14.1	14.9	17.3	16.6
Kossuth	20.0	17.3	18.2	16.4	58.3	58.6	58.4	62.8	12.5	11.6	10.5	9.8	9.2	12.5	12.9	11.0
Lee	36.9	40.0	38.3	37.0	17.8	16.7	14.0	12.7	25.3	21.0	21.6	24.7	20.0	22.4	26.0	25.5
Linn	48.5	49.8	49.2	50.9	4.5	3.9	4.0	4.1	35.1	32.4	30.4	28.5	12.0	13.8	16.4	16.5
Louisa	22.5	23.4	21.6	22.6	35.1	36.3	35.8	33.9	8.8	8.2	9.1	7.9	33.5	32.1	33.6	35.6
Lucas	34.2	34.1	31.2	33.6	30.0	32.1	32.1	32.9	21.5	17.9	19.5	20.5	14.3	15.9	17.2	13.1
Lyon	26.0	23.0	25.6	23.2	60.3	61.5	58.3	61.2	7.2	6.9	7.2	7.9	6.5	8.6	8.9	7.7
Madison	42.5	41.1	37.3	34.8	31.9	34.0	36.4	38.8	11.9	8.5	9.9	8.5	13.7	16.4	16.4	17.9
Mahaska	36.4	34.8	35.0	34.1	35.7	35.1	34.3	36.3	15.8	14.3	16.2	15.3	12.2	15.9	14.5	14.3
Marion	48.0	44.2	43.5	44.6	19.0	19.7	19.4	21.2	21.5	20.4	19.4	18.3	11.5	15.7	17.7	15.9
Marshall	40.3	40.3	39.5	39.2	24.5	24.3	23.6	25.7	20.0	18.4	19.1	18.0	15.1	17.0	17.8	17.0
Mills	43.9	36.0	35.8	32.9	31.1	36.8	37.6	38.8	8.2	8.3	6.7	6.7	16.9	19.0	19.8	21.5
Mitchell	27.8	27.4	25.2	24.1	54.1	56.7	55.6	57.7	10.8	8.0	10.0	9.3	7.3	7.9	9.2	9.0
Monona	23.2	19.7	19.8	19.5	56.9	58.3	58.6	60.0	9.0	7.4	6.5	6.7	10.8	14.7	15.0	13.9
Monroe	19.4	19.1	14.5	17.4	21.9	19.3	20.9	22.4	28.6	25.0	22.4	20.6	30.2	36.6	42.1	39.6
Montgomery	31.0	30.2	29.4	27.7	38.0	40.6	41.4	43.7	15.4	12.1	10.6	11.1	15.6	17.1	18.5	17.5
Muscatine	39.6	41.9	41.7	40.8	13.2	14.4	13.7	14.1	34.6	25.1	24.0	24.9	12.6	18.6	20.5	20.2
O'Brien	27.1	25.5	25.5	22.9	53.1	54.7	54.9	58.9	12.4	11.2	11.9	11.2	7.3	8.6	7.7	7.0
Osceola	19.7	17.5	18.9	16.3	62.9	63.5	61.7	67.1	9.5	8.0	8.2	7.7	8.0	11.0	11.2	8.9
Page	32.7	33.5	28.2	29.7	37.2	39.0	40.2	39.3	14.8	14.1	15.7	15.7	15.3	13.4	15.9	15.3
Palo Alto	22.8	21.6	19.1	17.6	61.2	61.0	63.5	68.0	9.0	8.7	8.6	7.8	7.0	8.7	8.8	6.7
Plymouth	35.5	35.1	33.6	33.7	40.2	42.9	42.0	44.1	14.0	10.7	13.1	12.3	10.3	11.3	11.3	9.8
Pocahontas	12.6	13.0	14.0	13.7	71.8	69.8	67.4	69.3	7.2	7.2	7.8	8.0	8.4	9.9	10.7	9.0
Polk	48.6	48.9	48.1	48.8	1.5	1.6	1.5	1.6	43.1	39.9	41.2	40.1	6.8	9.6	9.2	9.6
Pottawattamie	47.0	43.6	43.1	43.7	15.3	17.2	18.5	19.5	25.7	24.5	23.4	22.8	12.1	14.7	15.0	14.1
Poweshiek	35.9	35.1	34.1	33.5	35.9	36.5	35.2	38.2	16.1	13.5	15.4	14.6	12.1	14.8	15.2	13.6
Ringgold	28.6	28.0	25.3	24.6	53.8	53.2	56.9	59.0	6.6	6.0	5.7	5.4	10.9	12.8	12.1	11.0
Sac	23.2	22.7	22.9	21.6	62.5	62.2	62.6	63.6	7.9	7.5	6.7	7.8	6.3	7.7	7.7	6.9
Scott	49.0	48.2	47.4	50.4	4.7	4.8	4.7	4.8	34.9	32.6	31.1	28.8	11.4	14.4	16.8	16.1
Shelby	31.2	26.0	27.4	27.5	51.7	58.0	55.2	55.9	9.3	6.7	8.2	9.0	7.8	9.3	9.1	7.5
Sioux	35.3	33.2	34.5	31.4	41.6	44.7	41.2	44.4	15.7	12.0	14.5	15.4	7.4	10.1	9.8	8.8
Story	47.2	47.2	48.6	50.5	12.6	13.8	13.2	14.3	35.6	32.5	31.1	28.8	4.6	6.5	7.1	6.4
Tama	27.9	27.8	26.5	23.8	50.2	50.1	49.4	52.4	11.5	10.0	11.7	11.8	10.4	12.1	12.4	11.9
Taylor	20.6	20.9	18.3	20.5	61.6	62.4	65.1	65.0	8.0	5.8	6.2	5.5	9.8	11.0	10.5	9.0
Union	34.0	34.3	31.8	33.4	27.7	28.9	29.3	31.6	23.5	18.0	18.0	18.4	14.7	18.8	21.0	16.7
Van Buren	29.4	30.0	31.0	29.6	54.3	51.9	50.2	52.2	7.1	7.0	6.9	6.5	9.2	11.1	11.9	11.7
Wapello	43.4	44.1	43.5	42.3	15.9	14.5	15.3	15.5	23.3	21.4	20.0	20.3	17.4	20.1	21.2	21.9
Warren	61.1	59.1	60.0	58.9	15.6	15.8	16.2	16.4	13.3	13.4	12.0	12.6	10.0	11.7	11.8	12.1
Washington	40.1	36.6	38.2	36.6	35.2	37.5	34.9	38.0	13.9	13.9	14.5	13.1	10.7	12.0	12.4	12.4
Wayne	23.9	23.3	19.2	22.1	49.4	50.8	47.1	50.3	8.0	5.9	8.7	7.9	18.7	20.0	25.0	19.6
Webster	35.7	34.3	33.5	34.2	30.4	31.5	28.5	29.6	23.9	21.3	22.8	22.6	10.1	12.9	15.3	13.7
Winnebago	29.0	27.7	27.2	27.3	49.6	52.0	50.6	53.2	13.9	11.7	12.1	11.3	7.4	8.6	10.0	8.2
Winneshiak	36.6	34.8	35.2	34.4	40.7	41.2	42.9	43.2	15.6	15.0	13.4	13.7	7.1	9.1	8.5	8.6
Woodbury	42.6	47.1	41.2	40.9	10.9	11.7	10.8	11.2	31.0	19.9	28.0	28.2	15.5	21.4	20.0	19.8
Worth	23.8	19.6	21.8	21.1	54.9	58.6	56.7	59.3	7.3	6.3	6.8	6.2	13.9	15.6	14.7	13.4
Wright	23.4	21.7	21.0	21.4	52.1	51.7	51.6	54.9	13.0	11.8	12.9	11.4	11.6	14.8	14.6	12.3
State of Iowa	40.4	39.8	38.8	38.8	24.7	25.6	25.5	27.2	24.7	21.8	22.2	21.1	10.3	12.8	13.5	13.0

Hawk, Dickinson, Dubuque, Johnson, and Warren, residential property accounted for at least 50 percent of the total taxable valuation in 2001.

Diversity among counties in 2001 was evident when specific categories of property were examined. On residential property, for example, one of every five counties reported values of less than \$100 million (Table 1); Adams and Taylor were below \$50 million. Black Hawk, Dubuque, Johnson, Linn, Polk, Pottawattamie, Scott, Story, and Woodbury, on the other hand, had at least \$1 billion in residential property. These differences obviously are related to the rural and urban natures of the counties. The ranges on the valuations of agricultural land and on agricultural buildings were not as great as that for residential property, however. For example, 10 counties had less than \$100 million in agricultural land and 12 others exceeded \$300 million; these 12 tend to have substantially more land in agriculture than many others so the high figures would be expected.

Commercial property valuations varied substantially; such valuations in two-fifths (42) of Iowa's 99 counties were less than \$50 million, while they topped \$1 billion in Johnson, Linn, Polk, and Scott. Similar variations existed on industrial property. Machinery and equipment valuations also differed across counties; legislative changes now exempt machinery and equipment from the tax base, so this category eroded substantially from the earlier years reported in Tables 2-4 to 2001 (Table 1).

Although the state had an increase in gross property valuations of \$18.2 billion from 1995 to 2001, two counties (Hancock, Osceola) reported lower numbers in the latter year, while 25 others gained less than \$50 million. Far greater increases occurred in some counties, with Black Hawk, Dallas, Johnson, Pottawattamie, and Story gaining \$500-\$999 million while Linn, Polk, and Scott each gained at least \$1 billion. In Polk, gross valuations jumped by \$2.8 billion.

From 1995 to 2001, residential property valuations increased by \$8.6 billion. Only Pocahontas (-\$800,000) failed to follow the statewide trend, although another 10 increased but by less than \$10 million. Gains were greater than \$100 million in 16 counties, led by the \$1.3 billion increase in Polk, which was more than twice the figure in Linn (+\$545 million), which was in second place.

When valuations for agricultural land and buildings were summed and compared for 1995 and 2001, increases occurred in four-fifths (81) of Iowa's counties. For the state as a whole, valuations of agricultural land and buildings gained by \$2.5 billion in that period.

The state (+\$7.3 billion) and all but two counties (Adams, Pocahontas) had higher figures on the combined commercial and industrial property valuations in 2001 than six years earlier. In 12 counties, increases exceeded \$100 million; in four of these (Johnson, Linn, Polk, Scott), valuations of commercial and industrial property were at least \$500 million more in 2001 than they were in 1995.

Notes: The values reported in this report are compiled from the annual tax district summaries data collected by the Iowa Department of Revenue and Finance and maintained for public use by the Iowa Department of Management. The values reported in these tables are higher than the values reported in other common compilations of the state's tax base. The values in these tables do not reflect any locally-determined abatements for commercial, residential, or industrial properties, which effectively lower the tax base available for general taxation. The base in this report also includes all valuations, including those in special urban renewal, urban revitalization, municipal improvement, or community college job training districts for which portions of the tax base are not available for general levies by all authorized local governments in the taxing district. Consequently, the value of property actually available for general taxation purposes locally often is lower than amounts reported in these tables. Additional information about the state's property tax base is summarized annually in "The Data Book," a catalogue of government statistics compiled by the Legislative Fiscal Bureau, State Capitol, Des Moines, IA 50319. Data on the state's tax base also can be obtained from the Iowa Department of Management, Local Budgets Management Division, State Capitol, Des Moines, IA 50319. These data are not compiled into reports for public consumption on a regular basis but generally are available on request in data set form.

Federal Funds Received in Iowa's Counties: 1990, 1995, 1999, and 2000

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In the middle of the 1980s, the U.S. Bureau of the Census initiated a series of annual publications that summarized federal funds that were provided to counties and subcounty areas. These documents attempt to capture the major categories of federal expenditures for the specified geographic units. The data for these reports are gathered from a variety of sources within the federal government; although these data represent major expenditures in counties, not every dollar is included. In addition, some federal programs allow the State of Iowa to distribute them to counties according to decisions made within the state; these distributions may not be included in the county totals other than Polk, the location of the state capitol. This may inflate the actual totals for Polk and decrease them in other counties. The county totals include amounts to places within them as well as directly to the counties themselves.

Two general areas are listed, the first of which includes direct federal expenditures or obligations. These totaled nearly \$14.8 billion in Iowa for 2000 (Table 1). The second area includes other federal assistance, which amounted to \$6.6 billion. Both of these general areas include subcategories that provide more detailed breakdowns of expenditures.

Direct Federal Expenditures or Obligations

In 2000, direct federal expenditures or obligations exceeded \$100 million in 28 counties. Polk was the leader with nearly \$2.1 billion; Linn was the only other county that exceeded \$1 billion. In 19 counties, the amount of federal funds received through direct federal expenditures or obligations was less than \$50 million in 2000; they were under \$35 million in Adams, Osceola, and Ringgold. In 1990, \$10.1 billion came to Iowa through direct federal expenditures or obligations (Table 4); this increased to approximately \$13.0 billion in 1995 (Table 3) and \$15.6 billion in 1999 (Table 2). From 1990 to 2000, these expenditures increased by 45.8 percent.

The \$2.7 billion for grants awarded within counties in 2000 accounted for 18.4 percent of the total direct federal expenditures or obligations in Iowa. These funds increased \$531 million from 1995 and \$1.2 billion from 1990 (Tables 1-4). This subcategory includes a large number of federal programs in several areas (see notes at the end of this section). In 2000, 55 counties received at least \$10 million in grant awards from federal sources. Polk (\$662 million) and Johnson (\$191 million) had the largest shares in this subcategory. Adams received less than \$3 million in grant awards. Six counties (Black Hawk, Johnson, Linn, Polk, Scott, Story) had nearly half (47.1%) of all grant awards for the state. Polk alone received almost a fourth (24.4%) of the total.

Salaries and wages totaled \$988 million in 2000. These were generated by the Department of Defense, the Postal Service, and other federal agencies for employees in Iowa. The percentage increase in salaries and wages from 1990 to 2000 was 34.8. Salaries and wages paid by federal funds in 2000 exceeded \$10 million in 12 counties, topped by Polk with \$309 million, which accounted for 31.3 percent of all salaries and wages paid by the federal government in Iowa. Polk and three others (Johnson, Linn, Woodbury) obtained nearly half (49.4%) of all federal funds in this category. On the other hand, 16 counties each received less than \$2 million in federally paid salaries and wages.

Table 1. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 2000.

County	Direct Federal Expenditures or Obligations							Other Federal Assistance	
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Indiv.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Adair	44587	9233	1485	17322	7444	326	8777	5764	29399
Adams	25373	2996	1445	10996	4493	512	4931	3210	14147
Allamakee	58309	9163	3230	30256	10026	1525	4110	3892	10815
Appanoose	77925	20162	4095	35875	13993	858	2942	1767	9472
Audubon	43030	8718	1766	16851	6840	383	8473	7430	37024
Benton	195741	12834	3455	48146	17941	95227	18138	8152	130787
Black Hawk	562683	110971	33269	264222	126283	16592	11345	87223	108134
Boone	105350	11338	7834	57334	19806	971	8067	5102	57486
Bremer	93534	9647	3101	49007	19653	858	11268	6548	48218
Buchanan	87615	11315	3205	41642	16094	779	14579	9353	45364
Buena Vista	98228	14264	6134	43176	23396	1035	10222	21018	62770
Butler	74847	9639	2560	36818	15232	657	9941	6662	44279
Calhoun	62998	8084	2351	30213	11957	609	9784	8189	59060
Carroll	99488	13413	5359	48081	20524	1176	10934	5159	57921
Cass	77856	8092	3737	37742	17525	694	10065	4738	41834
Cedar	74580	6946	4487	34559	12548	951	15089	6058	51400
Cerro Gordo	221393	37640	9596	111833	45768	5190	11366	15923	66356
Cherokee	65985	7198	2613	32986	14423	628	8137	8083	57844
Chickasaw	63821	10192	2678	28126	10721	524	11579	9497	40058
Clarke	36437	6972	1590	17109	7448	435	2882	2605	8916
Clay	94558	10957	4568	38102	16821	1104	23006	12525	56973
Clayton	86123	14519	4724	41257	15198	949	9474	5331	31109
Clinton	219724	29789	7290	115444	48197	2026	16977	10157	74172
Crawford	87399	11092	4961	34841	14974	7513	14019	12303	72789
Dallas	124526	20209	5235	65681	23485	1206	8709	4987	52420
Davis	36915	6935	1755	17519	6697	383	3626	2341	12027
Decatur	42784	10706	2043	18845	7963	496	2732	7124	9456
Delaware	69617	9080	2885	31325	11424	666	14237	5870	45351
Des Moines	205164	29341	10036	100958	43882	15363	5584	1815	34806
Dickinson	79805	14581	2506	42909	14242	638	4929	5291	33488
Dubuque	355288	61958	17289	179812	82120	3869	10240	5436	34120
Emmet	58842	7396	2445	27498	11988	3082	6432	11343	36499
Fayette	108604	14304	4906	49718	22107	992	16577	8156	56280
Floyd	95024	19542	2799	43153	17760	3572	8199	9734	48429
Franklin	52937	7168	2154	24056	8780	512	10267	11761	50271
Fremont	46846	5967	1806	20185	9179	462	9247	6242	47282
Greene	55823	7279	2525	27039	9002	567	9411	5557	58028
Grundy	67674	17266	1958	28111	9960	535	9843	7200	41150
Guthrie	55984	7012	2875	28557	10088	782	6671	3465	34335
Hamilton	79269	11629	2727	36466	16357	680	11410	11908	59735
Hancock	55482	5289	2385	25740	9356	524	12188	10818	56069
Hardin	103569	11548	4125	49708	18929	6477	12781	9621	50149
Harrison	93410	21575	4371	36733	16285	1399	13048	6528	61038
Henry	111093	18048	3515	40369	15441	26117	7604	2612	24222
Howard	46132	7501	1740	21074	8286	698	6833	9357	38381
Humboldt	54362	5978	2930	26302	10333	623	8194	6299	47604
Ida	40257	4162	1747	18760	7028	383	8177	7075	49126
Iowa	61573	6840	3388	32302	11111	890	7041	4346	34836
Jackson	100170	23252	4055	44545	19522	2584	6211	4307	23129
Jasper	147872	19863	5690	77335	29784	1863	13336	4817	59082

Table 1. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 2000 (continued).

County	Direct Federal Expenditures or Obligations							Other Federal Assistance	
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Individ.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Jefferson	61103	8977	4437	28033	12406	712	6538	1929	22084
Johnson	557364	191255	69238	127957	62886	96371	9657	153385	84213
Jones	75314	10203	2831	38180	13480	921	9699	5147	43423
Keokuk	61246	7866	2918	29422	11855	723	8461	4946	37136
Kossuth	91836	10059	4194	41063	15357	1052	20111	21943	98365
Lee	170902	31415	7211	86000	37701	1641	6934	2579	35586
Linn	1203153	108234	59230	350997	126449	547538	10705	39192	132803
Louisa	46993	6842	2624	23150	7869	870	5638	2694	27362
Lucas	48076	9512	2251	23740	10016	513	2043	1400	8439
Lyon	49015	4917	1828	23858	9931	468	8015	7701	54013
Madison	56093	9451	2319	27451	11016	553	5305	2716	21302
Mahaska	97761	17419	3917	45301	19874	768	10482	3122	37186
Marion	158186	16013	31204	77794	24309	3799	5067	9532	24728
Marshall	182154	34251	6746	93828	31769	5456	10103	5622	59123
Mills	64854	10508	2599	31365	12788	626	6968	2783	38280
Mitchell	54537	4965	2046	27654	10073	509	9290	8543	42683
Monona	64322	10821	2477	27466	13131	567	9860	8001	44229
Monroe	46385	8509	1539	21227	11515	312	3284	1075	9333
Montgomery	61333	7617	2940	30562	14416	595	5202	4476	34044
Muscatine	169026	25557	6337	79709	28682	20761	7980	5733	45417
O'Brien	76213	10995	3335	37878	14122	726	9157	9411	53307
Osceola	34100	5022	1499	15501	5947	340	5790	8780	39223
Page	87812	13181	3708	43647	17928	879	8469	2872	31539
Palo Alto	65681	14072	2372	26919	10231	609	11479	13457	50499
Plymouth	95334	10891	4808	46498	19645	1589	11903	7194	93873
Pocahontas	53345	4811	2524	23834	9761	510	11905	9527	60049
Polk	2060699	662059	309343	678863	292956	98729	18748	20597	314863
Pottawattamie	394113	83028	12383	191549	85938	2495	18720	10065	184628
Poweshiek	79080	7451	2928	41138	17420	806	9337	7399	37718
Ringgold	31343	7208	1606	13346	5163	368	3652	6081	12400
Sac	62043	5445	2520	30037	11790	567	11685	9465	72616
Scott	631046	102918	32486	341521	119293	25246	9582	27516	188271
Shelby	75114	11266	2624	30484	16804	623	13313	8895	57011
Sioux	121293	18404	4893	54205	21491	3375	18925	8268	83375
Story	361354	102645	46177	114974	51803	32985	12771	105617	85440
Tama	83371	10369	4130	40099	14893	907	12972	9302	47943
Taylor	38671	6917	1925	17543	6654	453	5180	4069	16740
Union	69154	13019	4007	31250	16736	737	3405	4210	14689
Van Buren	40564	6198	2149	19504	7638	496	4579	1737	16599
Wapello	191281	41190	7399	96388	40058	1425	4821	9637	24451
Warren	116821	12884	5236	64982	24919	1627	7172	1575	31501
Washington	88316	9988	3860	46805	16365	739	10559	4088	37332
Wayne	44085	9605	1918	18457	8618	468	5021	1810	13881
Webster	211800	30179	16909	97551	45795	9690	11675	8626	104026
Winnebago	56664	7559	2460	27611	10653	652	7730	17074	84128
Winneshiek	83066	13103	4515	36244	16972	982	11250	22367	24346
Woodbury	474004	82926	50068	205978	95753	24307	14972	12562	143339
Worth	38446	5168	1818	17588	6619	468	6787	11472	38657
Wright	76913	7654	4383	38249	15380	977	10269	10049	53325
Undistributed	582817	93471	0	1764	369148	0	118435	0	282693
State of Iowa	14750803	2713621	988297	6021801	2850433	1115415	1061237	1106940	5511853

Table 2. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 1999.

County	Direct Federal Expenditures or Obligations							Other Federal Assistance	
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Individ.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Adair	42827	7921	1373	16825	6628	313	9769	10880	21431
Adams	25739	2284	1380	10448	4395	313	6920	7084	13280
Allamakee	59151	7428	2999	28932	8988	1348	9456	6740	10448
Appanoose	75538	17966	3870	35379	13197	753	4373	2703	7886
Audubon	42834	7852	1549	16100	6563	355	10415	12686	33340
Benton	104443	9024	3473	45348	16843	7157	22598	24901	59055
Black Hawk	511848	96493	32118	249786	106639	10851	15961	101644	110809
Boone	105980	10255	7519	54446	19034	1084	13642	8817	51593
Bremer	95766	13742	2829	46860	18489	1123	12723	18727	43057
Buchanan	85961	9615	3243	39664	15625	824	16991	23020	40824
Buena Vista	94317	8238	5770	41879	19060	3484	15885	26033	49026
Butler	77026	8693	2388	35101	14979	611	15253	16426	39298
Calhoun	64660	4928	2200	29067	11237	583	16645	9892	51289
Carroll	96688	12352	5103	46239	16639	1366	14989	12127	50392
Cass	75204	7054	3712	36272	15950	739	11476	11340	37111
Cedar	71970	5451	4617	32203	11992	684	17023	19428	47551
Cerro Gordo	220572	44306	9290	107288	38409	4851	16428	34102	59076
Cherokee	66649	6285	2647	31547	11484	669	14017	15283	49010
Chickasaw	118780	5537	2504	27023	10076	60867	12773	20438	33280
Clarke	37144	5074	1522	16549	7392	432	6175	3281	8551
Clay	89862	9565	4116	36426	13135	826	25793	17300	47534
Clayton	87352	11112	4417	39245	14536	1053	16988	13279	27480
Clinton	203307	21530	7152	109306	44269	1788	19261	22479	60219
Crawford	86163	11592	4667	33550	13928	7188	15237	17176	63042
Dallas	127705	24470	5198	62336	22044	1397	12260	15370	51770
Davis	40141	8649	1653	16796	6337	384	6322	6000	11403
Decatur	43815	10055	1871	18012	7553	469	5855	11332	8275
Delaware	69935	8454	2838	29559	10149	786	18148	17937	35703
Des Moines	202307	25272	9713	96138	36700	26244	8239	6077	34711
Dickinson	77629	12556	2368	40721	12626	625	8732	9400	26215
Dubuque	322160	48238	17084	171098	67206	5566	12968	11571	37339
Emmet	61749	7166	2424	26340	11326	3731	10762	22345	31579
Fayette	103466	11500	4743	47331	20120	1170	18602	26514	47234
Floyd	120022	44770	2817	41653	15958	1549	13274	26626	35977
Franklin	59567	9165	2069	22983	8337	512	16503	23621	41279
Fremont	48471	6308	1623	19378	8655	957	11550	10082	43433
Greene	58554	6588	2330	25912	8415	576	14733	8646	52284
Grundy	60584	6865	1831	26915	9444	483	15045	13067	35567
Guthrie	57664	5896	2641	27323	9983	762	11058	9693	33042
Hamilton	76471	7492	2693	35273	14820	696	15496	18428	48711
Hancock	56935	3160	2387	25555	9352	569	15913	20698	49457
Hardin	103776	9504	4214	48240	18185	8013	15620	20163	45202
Harrison	79730	11367	4049	35299	14726	842	13448	13121	52601
Henry	90788	22271	3503	38993	14435	867	10719	8056	22928
Howard	48333	6042	1653	20342	8027	851	11419	16721	31308
Humboldt	55567	4762	2711	25515	9447	583	12548	10942	41492
Ida	41669	3415	1724	18206	6749	398	11178	11604	40481
Iowa	65380	5953	3253	30591	10601	786	14196	9527	30072
Jackson	95352	19129	3562	42573	17310	768	12011	8804	17486
Jasper	140680	15191	5394	73748	27471	1988	16887	11644	55025

Table 2. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 1999 (continued).

County	Direct Federal Expenditures or Obligations							Other Federal Assistance	
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Individ.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Jefferson	60452	8416	4566	26371	11414	815	8871	7105	20192
Johnson	532849	177401	63771	118477	45801	113771	13628	196632	84829
Jones	75550	8233	2740	36249	12625	1071	14631	13962	37752
Keokuk	69222	9456	2974	28237	11266	768	16522	10175	31507
Kossuth	95487	8353	4149	39911	13819	1224	28030	41550	91542
Lee	157220	24054	6532	81810	34554	1844	8426	7133	31816
Linn	962902	104081	55060	330055	111088	346674	15943	49437	149167
Louisa	51312	5799	2456	21831	6891	4667	9667	9930	25692
Lucas	47613	8155	2078	22988	8309	466	5617	3384	7943
Lyon	51325	4303	1738	23180	7984	549	13572	15245	46471
Madison	52230	6110	2152	25729	10689	540	7010	5652	21101
Mahaska	95710	16277	3785	43827	16641	979	14201	8019	33132
Marion	155403	16342	30758	74006	22157	3373	8767	15200	25961
Marshall	190514	29514	6630	90019	27466	21540	15346	12504	49036
Mills	67071	13046	2793	29774	11849	684	8925	5213	35432
Mitchell	55726	4025	1989	26953	9802	526	12430	19285	38625
Monona	66134	9234	2465	26515	12693	569	14659	9691	38631
Monroe	43140	7157	1545	20253	9468	327	4390	1792	10377
Montgomery	60641	6541	2956	28524	13305	611	8703	8232	30638
Muscatine	147305	20811	6148	75898	24551	10061	9836	10988	41827
O'Brien	78859	9605	3356	36072	13819	753	15253	17321	44118
Osceola	35540	2535	1403	14907	5601	341	10752	12506	32939
Page	82493	11731	3607	41452	15528	895	9279	5718	33434
Palo Alto	63864	11284	2113	25432	9492	512	15032	19942	44131
Plymouth	97801	10450	4868	45083	16456	1612	19331	18990	82546
Pocahontas	55989	4336	2214	22820	9452	509	16658	14115	51524
Polk	3064338	734657	300870	655399	252826	98609	1021976	32435	409617
Pottawattamie	791211	63771	11879	182814	71915	2550	458283	22425	161167
Poweshiek	78704	6302	2695	39508	15164	725	14311	11494	31413
Ringgold	32003	4228	1563	12899	4950	384	7979	5024	11831
Sac	61865	4413	2320	29121	10797	661	14553	15289	54271
Scott	610079	86816	55254	323191	103619	27761	13439	31302	193074
Shelby	72601	10305	2616	29807	15004	625	14245	15156	50345
Sioux	117380	15469	4651	51912	20142	2759	22446	15887	71072
Story	359472	100937	43402	109969	50989	39033	15141	116815	84626
Tama	86598	10385	4016	38618	14053	910	18616	19804	39962
Taylor	41171	6337	1887	16612	6376	469	9490	7424	15683
Union	63715	10978	4026	29933	11548	753	6476	9104	10975
Van Buren	38774	4249	2030	18658	7167	483	6188	4342	14073
Wapello	182332	36355	7051	92246	36797	3021	6862	17689	24687
Warren	109483	11736	5366	60873	21458	1209	8841	5691	33343
Washington	88370	8244	3616	45116	15341	753	15300	11568	45508
Wayne	45177	8315	2018	17614	8224	497	8509	3619	11860
Webster	199773	25466	15947	94005	39359	5941	19056	12992	66749
Winnebago	57113	6037	2315	26094	10320	625	11722	31740	35132
Winneshiek	82518	12716	4129	34410	15910	868	14484	35094	18789
Woodbury	443897	80455	44904	198033	80166	21386	18953	23819	131932
Worth	38786	3260	1705	16971	6426	455	9970	22643	36521
Wright	81630	8637	4070	36898	14071	910	17044	14546	49366
Undistributed	553951	109436	0	1171	348521	0	94823	0	241336
State of Iowa	15601525	2595290	969985	5750560	2539325	897901	2848464	1849396	4958850

Table 3. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 1995.

County	Direct Federal Expenditures or Obligations							Other Federal Assistance	
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Indiv.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Adair	32726	4132	1341	15195	6894	220	4944	11928	18966
Adams	21408	1919	1562	9630	4236	222	3839	7069	8455
Allamakee	53928	4956	2685	25493	11446	3539	5809	5788	9866
Appanoose	63006	8700	4066	33104	13297	1144	2695	5502	4743
Audubon	34101	4083	1565	15008	7555	266	5624	13439	21348
Benton	75328	6866	2939	39594	16358	669	8903	21798	42395
Black Hawk	507879	117460	30330	225885	122527	4455	7223	19307	67183
Boone	117611	30328	7803	49369	23381	798	5933	11605	31375
Bremer	74956	6309	2678	39453	18622	2507	5386	18983	29142
Buchanan	75603	8579	3120	35446	15118	5806	7535	22911	26332
Buena Vista	86580	6502	5091	38517	18018	11573	6879	17926	40796
Butler	63673	6839	2402	31300	14397	459	8277	20402	27916
Calhoun	52945	4386	2015	27119	12328	398	6700	12803	36951
Carroll	79368	9971	4439	41153	17007	1087	5711	14308	27951
Cass	67036	9620	3458	33397	14692	545	5324	15639	23370
Cedar	59339	5220	4241	28300	12357	418	8804	22202	37426
Cerro Gordo	189657	22701	8726	97046	46808	5866	8509	30684	42458
Cherokee	56411	7260	2337	28976	11617	459	5763	19343	41398
Chickasaw	62522	3848	2103	23968	11432	14439	6731	19891	21587
Clarke	31338	3980	1455	14949	6685	468	3801	4309	5351
Clay	68244	6788	3740	33253	14297	578	9588	18705	37429
Clayton	73397	6885	3991	35353	15420	2630	9118	14918	24946
Clinton	191427	23462	6953	100214	48656	1391	10751	25240	41359
Crawford	74631	11089	4276	29575	14140	7915	7636	20687	44144
Dallas	97614	9424	4474	54483	22512	799	5921	21737	34535
Davis	32011	3826	1539	15163	6969	279	4234	4724	5877
Decatur	38408	6661	1963	15901	9510	363	4010	4959	4890
Delaware	54795	5128	2686	25655	11842	1344	8141	21119	33271
Des Moines	226479	25426	9655	87360	44869	55365	3803	8301	24434
Dickinson	58808	4075	2196	34726	12644	470	4697	12098	20302
Dubuque	305617	49722	16361	150745	74864	7561	6364	7971	24613
Emmet	52806	5769	2209	24633	12631	1656	5906	20233	24429
Fayette	90014	10791	4596	42531	21833	703	9561	26839	34301
Floyd	72628	8168	2589	37687	16609	464	7111	26373	22510
Franklin	46263	4070	2005	22035	9330	396	8427	29484	31106
Fremont	37256	4336	1715	18332	7891	347	4636	11912	24788
Greene	45500	3574	2167	23983	8809	425	6543	12960	33996
Grundy	44869	2125	1776	24246	9841	361	6520	17475	23826
Guthrie	49204	5162	2429	24135	10642	519	6317	10019	20141
Hamilton	66465	6152	2456	31716	16464	2168	7509	25628	34627
Hancock	47508	3651	2144	23410	9880	669	7754	24643	38918
Hardin	85329	7679	3568	43064	18445	4979	7594	24859	33179
Harrison	65305	8522	3811	31099	15367	635	5871	12844	31885
Henry	67104	6635	3278	34358	16939	593	5301	10629	15213
Howard	40395	4078	1510	18782	8800	707	6518	17923	19868
Humboldt	45985	4169	2558	23604	9743	419	5492	13837	31078
Ida	31917	1663	1543	16393	7035	271	5012	17058	31078
Iowa	59435	7281	3026	26951	13286	584	8306	10990	19822
Jackson	75450	8216	3441	38044	17426	888	7433	10195	15303
Jasper	143793	34080	4914	65280	30437	859	8222	22891	38024

Table 3. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 1995 (continued).

County	Direct Federal Expenditures or Obligations						Other Federal Assistance		
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Individ.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Jefferson	52999	6497	4754	24416	12048	525	4758	8668	16038
Johnson	429881	129466	60814	100218	51500	81262	6622	10543	61711
Jones	65083	6267	2735	31855	15730	1139	7358	18464	23534
Keokuk	57203	5319	2979	25656	13217	559	9474	14361	17515
Kossuth	75834	6859	3465	35638	15897	682	13294	49847	72496
Lee	147523	25801	6568	74901	33979	2051	4223	7981	23014
Linn	855946	67478	53296	282136	127125	317282	8629	16396	149587
Louisa	46621	4564	2456	19707	9416	5076	5403	11202	20093
Lucas	41700	4861	2252	20569	9876	469	3673	4041	4497
Lyon	40507	3590	1661	20686	8773	324	5474	20209	31065
Madison	44876	5374	2094	22592	10635	571	3611	6037	14075
Mahaska	92216	20051	3513	39896	19407	1793	7557	10100	19635
Marion	144854	10220	34908	63917	23900	7585	4324	9400	14375
Marshall	161797	29104	6016	80082	30052	8462	8080	16905	27592
Mills	75425	31867	2181	25678	11306	387	4006	10275	20997
Mitchell	43477	3478	1811	23359	8672	360	5797	20017	25521
Monona	52008	5430	2496	24208	13141	371	6363	11708	19906
Monroe	35737	4576	1368	18534	8710	227	2323	2753	4526
Montgomery	54621	6579	2949	26684	13848	406	4155	10268	15319
Muscatine	128873	16464	5869	66503	30061	4950	5025	13521	29309
O'Brien	62118	5145	2973	32411	14600	486	6504	21908	33924
Osceola	26780	1300	1196	14207	5262	208	4606	14702	26872
Page	74900	11117	3040	37731	17709	565	4738	8896	11231
Palo Alto	50366	6664	2045	23333	9837	360	8127	23135	32917
Plymouth	79729	9853	4363	39685	16258	892	8677	20124	52266
Pocahontas	44407	4244	2071	21361	8993	617	7121	15573	37534
Polk	2224243	596070	307078	554915	289282	97954	378943	25111	262057
Pottawattamie	470239	54694	12402	162933	74210	3714	162285	17979	97320
Poweshiek	70013	6653	2620	34766	16002	522	9450	15079	24600
Ringgold	26725	2642	1455	11845	5172	309	5301	4758	5502
Sac	49600	4004	2308	26316	10834	405	5734	18103	40278
Scott	567096	89199	34583	287107	124247	26140	5819	13827	130971
Shelby	54502	7612	2447	25920	11300	585	6637	16745	35320
Sioux	94846	7514	4279	45496	20210	8431	8916	25249	47382
Story	320542	83870	39416	93881	47976	48440	6959	19435	48765
Tama	72208	7563	3736	34403	16007	603	9896	23016	31375
Taylor	35665	4818	1856	14930	7106	1379	5577	6808	7843
Union	60026	8412	3685	27677	15940	531	3779	8119	8399
Van Buren	33492	3242	1963	16003	8029	354	3901	6145	9208
Wapello	158766	22994	6474	84297	39494	1800	3706	7357	17712
Warren	94580	12807	5160	49917	21222	1326	4148	12648	17312
Washington	88789	19039	3771	39093	17903	975	8008	15650	27554
Wayne	36425	3648	1923	17102	8218	397	5137	4526	8578
Webster	172385	21515	15245	85366	38492	3618	8150	18564	51088
Winnebago	46669	4159	2105	23250	9788	477	6890	25303	25266
Winneshiek	67970	7500	3812	30188	17107	671	8692	10942	16757
Woodbury	403950	58810	44076	182660	86947	20457	10999	22559	84260
Worth	34688	2302	1500	15854	8835	303	5894	24501	25913
Wright	65711	5807	3331	34114	13825	561	8073	20701	39640
Undistributed	579181	153561	0	1290	345208	0	79122	204016	237762
State of Iowa	13007866	2182869	929021	5100899	2735211	809237	1250628	1767262	3491313

Table 4. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 1990.

County	Direct Federal Expenditures or Obligations							Other Federal Assistance	
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Individ.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Adair	29815	3139	1267	12473	6482	164	6290	4127	16787
Adams	19460	1991	1371	7776	3599	161	4562	1958	8101
Allamakee	51374	4042	2065	20308	8187	11050	5722	2386	7492
Appanoose	53349	8579	3331	27077	10013	624	3725	3161	6518
Audubon	29338	3270	1593	11978	5764	165	6568	5545	16480
Benton	58796	4052	2634	30338	11552	347	9873	11565	45950
Black Hawk	455041	79559	23520	180541	75884	83738	11799	6907	61864
Boone	75616	5744	5574	40235	16023	316	7724	5290	35377
Bremer	63416	3372	2400	30822	10645	9514	6663	5671	18494
Buchanan	58038	5983	2658	28340	9969	336	10752	8418	19061
Buena Vista	65586	3985	4090	31202	11555	6892	7862	6902	36487
Butler	56427	4008	2114	24576	9555	280	15894	6079	19631
Calhoun	44608	5342	1959	21628	7758	253	7668	6577	25787
Carroll	60708	5201	3747	32667	11641	446	7006	7646	24184
Cass	58139	11069	2783	26745	10286	292	6964	6756	19628
Cedar	50127	5949	3403	22115	8336	415	9909	9825	36241
Cerro Gordo	150785	14406	8155	75778	28428	11467	12551	9314	37786
Cherokee	43731	3138	2186	22853	8359	266	6929	7857	29552
Chickasaw	48687	3372	1915	18804	7770	8577	8249	6823	11309
Clarke	26953	3180	1440	11984	5167	137	5045	1905	5971
Clay	57020	8753	3393	25238	9320	576	9740	8730	28320
Clayton	62811	7504	3541	28491	10903	2827	9545	5360	13380
Clinton	143398	11687	6629	79108	32671	1301	12002	12731	37977
Crawford	57404	4923	3898	23895	10852	5121	8715	11092	28470
Dallas	80288	10584	3944	40717	17467	429	7147	7613	31005
Davis	27510	2922	1313	12057	5447	154	5617	969	9104
Decatur	37474	10128	1527	13086	7648	185	4900	1305	7311
Delaware	45571	5694	2271	19945	7549	471	9641	6184	19983
Des Moines	162562	14194	7983	69404	24828	40747	5406	3627	19052
Dickinson	45619	2694	1995	26411	8634	259	5626	6911	14759
Dubuque	245370	31976	15845	117807	52591	19879	7272	2647	23801
Emmet	49052	4504	1875	19583	9183	6958	6949	11289	20190
Fayette	71630	5854	4055	33893	15763	608	11457	11116	14123
Floyd	60559	6349	2469	30659	10510	288	10284	8329	22658
Franklin	47877	2625	1997	17853	5683	8242	11477	12144	33139
Fremont	33076	2734	1530	14745	6337	193	7537	6166	17892
Greene	38390	3039	1895	19022	6254	250	7930	6814	29956
Grundy	38741	2368	1706	19273	6151	220	9023	5427	33119
Guthrie	40004	3752	2139	19235	7720	254	6904	5256	17236
Hamilton	51935	4019	2367	25227	11106	297	8919	9271	32814
Hancock	37875	2030	2113	17892	5551	237	10052	9850	26304
Hardin	66344	4601	3131	34123	13949	385	10155	12197	37036
Harrison	53591	6730	3165	24040	11616	350	7690	4582	26992
Henry	51589	4091	2955	26878	9667	468	7530	4052	22537
Howard	39133	2906	1368	15248	6931	5081	7599	7401	8058
Humboldt	36717	2506	2176	18598	6689	248	6500	6738	42453
Ida	28504	3738	1370	13159	4140	242	5855	5677	22193
Iowa	41396	1945	2430	21181	6653	449	8738	3819	20618
Jackson	61111	6808	3120	29614	13520	336	7713	4548	17412
Jasper	91740	8106	4083	50040	19816	467	9228	8292	34328

Table 4. Federal Funds (in \$1,000s) Received from Selected Programs in Iowa's Counties, 1990 (continued).

County	Direct Federal Expenditures or Obligations							Other Federal Assistance	
	Total	Grant Awards	Salaries/Wages	Retirement/Disability Payments	Other Payments to Individ.	Procurement Contract Awards	Other	Direct Loans	Guaranteed Loans and Insurance
Jefferson	40958	3443	3689	20334	7599	315	5578	3987	19600
Johnson	291446	103878	42916	71526	29894	34327	8905	6255	45887
Jones	51808	3811	2871	25116	9642	413	9955	7606	28733
Keokuk	44091	2839	2638	20595	8451	400	9168	4635	24610
Kossuth	63795	5792	3137	28205	9979	461	16221	19643	59765
Lee	106406	11652	5545	60680	21756	629	6144	1185	17499
Linn	635753	39366	42470	207414	72796	264506	9201	8114	84470
Louisa	32910	2695	2234	15127	4975	195	7684	3554	18327
Lucas	35076	5160	1747	16001	7734	165	4269	952	6755
Lyon	33123	2449	1793	16032	5431	219	7199	8742	25543
Madison	37847	4707	1964	17634	8662	235	4645	2745	11950
Mahaska	63811	7161	3267	32337	12690	399	7957	4745	24861
Marion	111872	7169	30269	46622	18096	4831	4885	3508	12296
Marshall	113424	14969	5314	63916	19021	655	9549	6083	33270
Mills	40110	5306	2035	19496	7863	269	5141	4238	19153
Mitchell	35698	1995	1719	18367	6020	226	7371	8676	20880
Monona	42551	4202	2476	19368	8298	376	7831	5727	14960
Monroe	30781	3967	1137	15059	7299	178	3141	786	6228
Montgomery	43194	3071	2227	21363	10873	305	5355	4463	17481
Muscatine	99253	11218	4749	52265	19126	6140	5755	5586	27529
O'Brien	50827	4846	2875	25530	9172	325	8079	11943	22964
Osceola	29277	1464	1132	11135	3857	5245	6444	8216	19289
Page	59277	6336	3181	30841	12957	368	5594	2957	16403
Palo Alto	42152	4407	1931	18640	7198	237	9739	10252	26842
Plymouth	63794	5294	4316	31311	11812	384	10677	8101	44861
Pocahontas	36195	2392	1796	16998	5105	1156	8748	8201	32521
Polk	1711322	390131	218692	412582	183282	69097	437538	12723	148449
Pottawattamie	381505	31242	10621	124706	50910	3693	160333	8881	79316
Poweshiek	72517	13522	2165	26733	10770	386	18941	6729	23967
Ringgold	22935	2578	1583	8949	3681	187	5957	2193	9802
Sac	40989	2331	2208	21477	7507	259	7207	8916	29299
Scott	406835	54303	21458	217294	80276	21636	11868	14543	82010
Shelby	44342	5452	2268	20031	7971	259	8361	7578	29087
Sioux	75186	9034	3949	35018	14342	1339	11504	10576	34566
Story	239956	64045	33016	71558	34791	27475	9071	8967	48817
Tama	58093	5287	3361	26917	9562	629	12337	9281	34723
Taylor	30919	4079	1813	12875	5286	209	6657	2461	8820
Union	49593	7977	3594	22390	10883	351	4398	5322	8537
Van Buren	27265	2373	1670	12551	5108	313	5250	932	9897
Wapello	128726	19053	6132	67976	30452	926	4187	6894	14512
Warren	72070	12313	4150	35689	14617	502	4799	6140	18956
Washington	57279	5323	3192	29563	9368	395	9438	6070	29689
Wayne	34033	3610	1804	13904	7661	245	6809	2137	8054
Webster	141269	20381	12456	69213	28110	873	10236	6509	40487
Winnebago	40640	3941	1849	18618	6899	293	9040	13693	24279
Winneshiek	55439	4868	3520	24360	12989	366	9336	3683	6876
Woodbury	313972	34247	33707	148016	69460	14495	14047	10686	68088
Worth	28938	1905	1301	13203	4395	176	7958	9517	19268
Wright	52901	4081	2836	26983	8888	317	9796	9515	30917
Undistributed	390979	153257	50	830	191020	39	45783	0	178577
State of Iowa	10117415	1494068	733318	3968012	1786654	700372	1434991	669698	2864590

Table 5. Percentage of Total Direct Federal Funds Received as Retirement and Disability Payments in Iowa's Counties, 1990, 1995, 1999, and 2000.

County	2000	1999	1995	1990	County	2000	1999	1995	1990
Adair	38.8	39.3	46.4	41.8	Jefferson	45.9	43.6	46.1	49.6
Adams	43.3	40.6	45.0	40.0	Johnson	23.0	22.2	23.3	24.5
Allamakee	51.9	48.9	47.3	39.5	Jones	50.7	48.0	48.9	48.5
Appanoose	46.0	46.8	52.5	50.8	Keokuk	48.0	40.8	44.9	46.7
Audubon	39.2	37.6	44.0	40.8	Kossuth	44.7	41.8	47.0	44.2
Benton	24.6	43.4	52.6	51.6	Lee	50.3	52.0	50.8	57.0
Black Hawk	47.0	48.8	44.5	39.7	Linn	29.2	34.3	33.0	32.6
Boone	54.4	51.4	42.0	53.2	Louisa	49.3	42.5	42.3	46.0
Bremer	52.4	48.9	52.6	48.6	Lucas	49.4	48.3	49.3	45.6
Buchanan	47.5	46.1	46.9	48.8	Lyon	48.7	45.2	51.1	48.4
Buena Vista	44.0	44.4	44.5	47.6	Madison	48.9	49.3	50.3	46.6
Butler	49.2	45.6	49.2	43.6	Mahaska	46.3	45.8	43.3	50.7
Calhoun	48.0	45.0	51.2	48.5	Marion	49.2	47.6	44.1	41.7
Carroll	48.3	47.8	51.9	53.8	Marshall	51.5	47.3	49.5	56.4
Cass	48.5	48.2	49.8	46.0	Mills	48.4	44.4	34.0	48.6
Cedar	46.3	44.7	47.7	44.1	Mitchell	50.7	48.4	53.7	51.5
Cerro Gordo	50.5	48.6	51.2	50.3	Monona	42.7	40.1	46.5	45.5
Cherokee	50.0	47.3	51.4	52.3	Monroe	45.8	46.9	51.9	48.9
Chickasaw	44.1	22.8	38.3	38.6	Montgomery	49.8	47.0	48.9	49.5
Clarke	47.0	44.6	47.7	44.5	Muscatine	47.2	51.5	51.6	52.7
Clay	40.3	40.5	48.7	44.3	O'Brien	49.7	45.7	52.2	50.2
Clayton	47.9	44.9	48.2	45.4	Osceola	45.5	41.9	53.1	38.0
Clinton	52.5	53.8	52.4	55.2	Page	49.7	50.2	50.4	52.0
Crawford	39.9	38.9	39.6	41.6	Palo Alto	41.0	39.8	46.3	44.2
Dallas	52.7	48.8	55.8	50.7	Plymouth	48.8	46.1	49.8	49.1
Davis	47.5	41.8	47.4	43.8	Pocahontas	44.7	40.8	48.1	47.0
Decatur	44.0	41.1	41.4	34.9	Polk	32.9	21.4	24.9	24.1
Delaware	45.0	42.3	46.8	43.8	Pottawattamie	48.6	23.1	34.6	32.7
Des Moines	49.2	47.5	38.6	42.7	Poweshiek	52.0	50.2	49.7	36.9
Dickinson	53.8	52.5	59.0	57.9	Ringgold	42.6	40.3	44.3	39.0
Dubuque	50.6	53.1	49.3	48.0	Sac	48.4	47.1	53.1	52.4
Emmet	46.7	42.7	46.6	39.9	Scott	54.1	53.0	50.6	53.4
Fayette	45.8	45.7	47.2	47.3	Shelby	40.6	41.1	47.6	45.2
Floyd	45.4	34.7	51.9	50.6	Sioux	44.7	44.2	48.0	46.6
Franklin	45.4	38.6	47.6	37.3	Story	31.8	30.6	29.3	29.8
Fremont	43.1	40.0	49.2	44.6	Tama	48.1	44.6	47.6	46.3
Greene	48.4	44.3	52.7	49.5	Taylor	45.4	40.3	41.9	41.6
Grundy	41.5	44.4	54.0	49.7	Union	45.2	47.0	46.1	45.1
Guthrie	51.0	47.4	49.1	48.1	Van Buren	48.1	48.1	47.8	46.0
Hamilton	46.0	46.1	47.7	48.6	Wapello	50.4	50.6	53.1	52.8
Hancock	46.4	44.9	49.3	47.2	Warren	55.6	55.6	52.8	49.5
Hardin	48.0	46.5	50.5	51.4	Washington	53.0	51.1	44.0	51.6
Harrison	39.3	44.3	47.6	44.9	Wayne	41.9	39.0	47.0	40.9
Henry	36.3	42.9	51.2	52.1	Webster	46.1	47.1	49.5	49.0
Howard	45.7	42.1	46.5	39.0	Winnebago	48.7	45.7	49.8	45.8
Humboldt	48.4	45.9	51.3	50.7	Winneshiek	43.6	41.7	44.4	43.9
Ida	46.6	43.7	51.4	46.2	Woodbury	43.5	44.6	45.2	47.1
Iowa	52.5	46.8	45.3	51.2	Worth	45.7	43.8	45.7	45.6
Jackson	44.5	44.6	50.4	48.5	Wright	49.7	45.2	51.9	51.0
Jasper	52.3	52.4	45.4	54.5	Undistributed	0.3	0.2	0.2	0.2
					State of Iowa	40.8	36.9	39.2	39.2

Two-fifths (40.8%) of the total direct federal expenditures or obligations went for retirement and disability payments; more than \$6.0 billion was received by individuals in Iowa in 2000. This includes federal employee retirement and disability benefits, Social Security payments of all types, selected Veterans Administration programs, and selected other federal programs. The increase in the amount in this subcategory was nearly \$2.1 billion (51.8%) from 1990 to 2000. Retirement or disability payments constituted the largest part of direct federal expenditures and obligations in all but three Iowa counties. Benton, Johnson, and Linn, which were the exceptions, received more federal funds in grant or procurement contract awards. Twenty-three counties received at least \$50 million in the retirement/disability category in 2000, with 12 above \$100 million. Only Adams and Ringgold noted less than \$15 million in this subcategory of payments to individuals.

Another 19.3 percent (\$2.9 billion) of the total direct federal expenditures or obligations were in the form of other payments to individuals. Included here would be federal payments for Medicare, unemployment compensation, some types of veterans compensation, supplemental security income payments, and food stamps, for example. In 2000, other payments received by individuals ranged from \$4.5 million in Adams to \$293 million in Polk. Black Hawk, Linn, and Scott also had more than \$100 million in other payments to individuals from federal sources.

Procurement contract awards totaled \$1.1 billion in 2000. These are contracts with the Department of Defense, Postal Service, and other federal agencies. This subcategory was the most unevenly distributed across counties among the data reported in Tables 1 through 4. In 2000, four counties (Benton, Johnson, Linn, Polk) received three-fourths (75.1%) of all dollars for procurement contract awards in the state, with Linn alone accounting for nearly half (49.1%) of the total.

The "other" subcategory among direct federal expenditures or obligations amounted to \$1.1 billion in 2000. This subcategory included a variety of federal programs (National Science Foundation, National Aeronautics and Space Administration, National Endowments for the Arts and for the Humanities, additional Department of Agriculture programs, and National Flood Insurance Claim Payments, among others). Most of these funds in Iowa were related to agriculture (feed grain production stabilization payments, conservation reserve program, crop insurance claims and payments), although none of these were direct payments to individuals. In 2000, Clay and Kossuth exceeded \$20 million in this subcategory.

Other Federal Assistance

Data for two other kinds of federal assistance were available. Direct loans from federal sources (commodity loans-price supports, farmers home administration-rural housing loans, water and waste disposal system loans, housing for the elderly or handicapped) accounted for \$1.1 billion of the \$6.6 billion total for other federal assistance. These figures tend to vary by huge amounts from year to year, primarily because direct loans related to agriculture are much greater some years than others. In Iowa, \$577 million of the \$1.1 billion in this subcategory was related to commodity loans in 2000. Direct loans were at least \$20 million in nine counties in 2000; in 1999, 24 counties exceeded that level.

Guaranteed loans and insurance totaled nearly \$5.5 billion in 2000. This subcategory included several loan programs (mortgage insurance for homes, higher education act insured loans, veterans housing loans, small-business loans, for example) and two types of insurance (flood, crop). Figures for these expenditures also vary substantially from one year to the next. Nearly \$3.6 billion of the \$5.5 billion for guaranteed loans and insurance was related to crop insurance in 2000. Totals from all the guaranteed loan and insurance programs exceeded \$50 million in 41 counties, led by Polk with \$315 million. Five others received less than \$10 million in guaranteed loans and insurance from federal sources.

Percentage of Total Direct Funds Received as Retirement and Disability Payments

In 2000, retirement and disability payments accounted for more than \$2 of every \$5 of total direct federal funds sent to Iowa (Table 5). The 2000 figure (40.8%) was slightly higher than those for 1999 (36.9%), 1995 (39.2%), and 1990 (39.2%). In 2000, retirement or disability payments accounted for at least 50 percent of all the funds from direct federal expenditures or obligations in 21 counties. In 1990, 27 counties had percentages of at least 50 when retirement or disability payments were compared with total

federal funds disbursed. The percentage that retirement and disability payments constituted of all federal funds increased in 48 counties when 1990 and 2000 were compared.

Notes: The source of this information is an annual CONSOLIDATED FEDERAL FUNDS REPORT: FISCAL YEAR, Volume 1: County Areas (Washington, DC: U.S. Department of Commerce, Bureau of the Census). See also a companion report on subcounty areas (Volume II) and a state report (FEDERAL EXPENDITURES BY STATE FOR FISCAL YEAR). Information by county for other years (1983-1989, 1991-1994, 1996-1998) were presented in previous editions of our data book.

As an example of the type of programs included, expenditures on grants were accumulated from the following federal sources: Department of Agriculture, Department of Commerce, Department of Defense, Department of Education, Department of Energy, Environmental Protection Agency, Equal Employment Opportunity Commission, Federal Emergency Management Agency, Department of Health and Human Services, Department of Housing and Urban Development, Department of Interior, Department of Justice, Department of Labor, National Foundation on the Arts and the Humanities, Department of Transportation, Department of Treasury, and Department of Veterans Affairs. Each of these has many subdivisions, of course; in agriculture, for example, 22 areas are noted, including the Agricultural Marketing Service, Extension Service, Farmers Home Administration, Food and Nutrition Service, Food Safety and Inspection Service, Forest Service, and Soil Conservation Service. Although these subdivisions contribute to the total figures, information by county is not included on each one of them.

Some negative signs may be included in the tables. That's because initial amounts obligated may be adjusted at a later date, either through enhancements or deobligations. These deobligations appear as negative amounts.

Chapter 7 Bankruptcy Cases Filed in Iowa's Counties: 1993-2000

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Mary M. Weibel, Clerk, U.S. Bankruptcy Court (Southern District of Iowa)

Filing for bankruptcy can be done in several manners, although Chapter 7 filings are the most common. An individual can file; joint spouse filings are permitted as well. Nonindividuals (for example, corporations and partnerships) also can file for Chapter 7 bankruptcy. Chapter 7 is designed for debtors in financial difficulty who do not have the ability to pay their existing debts. The purpose of filing a Chapter 7 case is to obtain a discharge of those existing debts; however, some debts (for example, certain taxes, student loans, alimony) may not be discharged under the law. The Northern and Southern Federal District Courts handle records of Chapter 7 filings in the State of Iowa. Cases are recorded according to the county of residence of persons filing them.

In 2000, 7,470 Chapter 7 bankruptcy cases were filed in Iowa. Generally, the higher the population in a county, the greater the number of cases (Table 1). Polk had 1,222, while Linn was the only other county with at least 500 that year. These two counties plus Black Hawk, Pottawattamie, Scott, and Woodbury accounted for more than two of every five (43.8%) of the Chapter 7 cases in 2000. Another 11 counties had at least 100 filings that year. Fewer than 30 cases were listed in nearly half (46) of Iowa's counties; Adams was the only county reporting fewer than 10 in 2000, however. In 1995, 13 counties had fewer than 10 cases, while 11 noted at least 100.

Chapter 7 bankruptcy cases in Iowa increased dramatically from 1993 to 1997. The gain was more than 4,000, which represented nearly an 84.8 percent increase in that relatively brief period. A particularly large gain occurred from 1995 to 1996. From 1997 to 2000, however, a decline occurred; the drop was substantially greater from 1998 to 1999 (-934) than the other years. From 1999 to 2000, the decrease was 175.

More Chapter 7 bankruptcy cases were filed in 2000 than in 1995 in 77 counties. Increases were at least 100 in Linn and Polk. Statewide, there were 1,644 more Chapter 7 filings in 2000 than five years earlier.

Notes: The numbers in Table 1 differ from those published in the 1998 edition of this volume. Only Chapter 7 personal bankruptcies were included then, while all under Chapter 7 are counted in this 2001 edition. Personal bankruptcies greatly outnumber other Chapter 7 types, however.

Table 1. Chapter 7 Bankruptcy Filings in Iowa's Counties, 1993-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	County	2000	1999	1998	1997	1996	1995	1994	1993
Adair	14	10	14	28	12	5	4	10	Jefferson	61	46	59	61	73	50	46	33
Adams	5	12	9	16	5	3	2	3	Johnson	172	155	192	193	170	94	90	102
Allamakee	22	24	25	26	24	18	12	4	Jones	31	41	31	52	43	26	21	16
Appanoose	44	45	42	33	32	19	14	15	Keokuk	28	22	35	28	20	21	9	12
Audubon	15	15	13	13	12	18	8	8	Kossuth	28	25	21	23	30	19	13	23
Benton	38	59	72	68	56	35	42	30	Lee	149	136	143	136	109	86	67	53
Black Hawk	317	325	399	380	375	243	225	198	Linn	538	550	596	616	458	339	305	312
Boone	58	69	67	94	97	65	51	40	Louisa	38	36	52	19	25	18	23	16
Bremer	46	34	35	36	33	31	22	21	Lucas	13	17	22	22	18	9	14	16
Buchanan	69	62	66	57	50	37	26	30	Lyon	18	14	11	17	13	9	9	5
Buena Vista	30	42	48	47	35	28	33	28	Madison	37	44	31	34	38	27	25	21
Butler	33	36	36	40	29	24	11	15	Mahaska	50	58	75	14	18	8	13	8
Calhoun	19	17	32	34	34	18	15	15	Marion	63	78	70	92	77	53	53	46
Carroll	40	29	37	44	33	24	19	34	Marshall	102	93	92	125	109	83	64	62
Cass	23	43	45	40	30	23	25	11	Mills	44	43	58	55	48	32	25	24
Cedar	34	38	46	41	29	21	12	16	Mitchell	17	18	15	10	13	7	9	10
Cerro Gordo	124	111	122	143	127	89	74	81	Monona	38	43	39	36	30	20	27	23
Cherokee	24	31	31	31	39	28	16	26	Monroe	18	12	22	34	24	9	15	11
Chickasaw	20	16	23	28	24	12	17	19	Montgomery	31	35	30	41	34	23	16	23
Clarke	21	18	27	28	24	9	16	17	Muscatine	109	143	148	149	151	104	111	102
Clay	48	44	49	43	35	23	22	32	O'Brien	19	29	31	24	20	20	17	23
Clayton	26	40	40	31	40	27	15	13	Osceola	14	10	10	13	10	16	5	4
Clinton	160	150	206	172	164	160	114	120	Page	36	41	38	36	40	21	24	11
Crawford	26	25	38	49	37	30	26	19	Palo Alto	23	19	22	10	14	8	11	8
Dallas	92	93	112	113	87	65	45	47	Plymouth	58	53	62	67	46	38	24	20
Davis	21	15	11	21	17	12	8	7	Pocahontas	17	26	14	11	23	20	12	6
Decatur	19	13	18	22	22	11	12	6	Polk	1222	1180	1363	1524	1286	1006	813	887
Delaware	25	32	31	33	34	25	15	11	Pottawattamie	320	356	378	400	395	232	243	251
Des Moines	199	226	239	228	222	178	122	132	Poweshiek	40	37	40	35	34	26	18	21
Dickinson	39	35	46	52	34	25	29	30	Ringgold	10	8	7	14	8	7	5	8
Dubuque	188	203	203	211	151	142	106	121	Sac	20	28	26	20	25	17	21	20
Emmet	22	22	23	36	27	25	19	19	Scott	455	518	600	577	533	487	331	344
Fayette	58	52	43	57	21	30	21	21	Shelby	23	23	29	25	21	24	19	8
Floyd	27	25	58	46	39	24	20	24	Sioux	32	41	36	36	37	29	18	15
Franklin	22	18	23	13	21	17	18	18	Story	109	115	164	157	125	74	83	65
Fremont	24	23	25	34	19	14	10	14	Tama	34	35	35	39	41	25	22	23
Greene	24	19	30	24	15	19	14	10	Taylor	15	19	8	20	11	5	11	11
Grundy	19	13	23	22	18	26	10	9	Union	33	33	33	32	38	23	16	20
Guthrie	24	27	34	14	27	19	20	21	Van Buren	22	19	25	23	20	8	10	5
Hamilton	27	33	34	41	42	32	28	29	Wapello	105	136	108	138	145	97	82	63
Hancock	14	18	16	26	39	21	14	14	Warren	87	91	99	109	124	79	69	65
Hardin	43	48	42	38	44	39	33	20	Washington	39	64	55	50	36	45	23	23
Harrison	50	41	51	49	47	34	33	22	Wayne	20	21	29	23	21	11	21	7
Henry	82	67	97	88	59	55	45	42	Webster	145	114	131	180	143	119	84	84
Howard	13	18	6	19	16	11	4	10	Winnebago	18	20	30	24	26	18	14	17
Humboldt	22	24	36	34	26	24	10	20	Winneshiek	12	12	23	27	18	16	10	6
Ida	12	16	11	16	22	14	7	8	Woodbury	420	429	493	500	378	328	301	274
Iowa	29	18	41	22	31	17	21	15	Worth	18	19	17	24	16	8	9	7
Jackson	46	38	40	45	45	24	24	20	Wright	36	34	35	34	57	24	20	20
Jasper	86	74	81	104	103	65	60	66									
State of Iowa										7470	7645	8579	8859	7796	5826	4860	4795

County Business Patterns in Iowa: 1989, 1994, 1998, and 1999

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Each year, the U.S. Bureau of the Census publishes reports on business patterns for counties in every state. Most of the economic divisions of the economy are covered in these reports, including agricultural services, mining, construction, manufacturing, transportation, public utilities, wholesale trade, retail trade, finance, insurance, real estate, and service industries. The data generally represent the types of employment covered by the Federal Insurance Contributions Act (FICA). This includes all covered wage and salary employment of private nonfarm employers and of nonprofit organizations and all religious organizations covered under the elective provisions of FICA. Data for employees of establishments totally exempt from FICA are excluded, as are self-employed persons, domestic service workers, railroad employees, agricultural production workers, most government employees, and employees in foreign countries.

The number of establishments, number of employees, and annual payroll are reported. An establishment is a single physical location where business is conducted or where services or industrial operations are performed. Paid employment consists of full- and part-time employees who were on the payroll in the pay period including March 12. This includes salaried officers and executives of corporations and employees on paid sick leave, holidays, or vacations. Total annual payroll is the combined amount of wages, salaries, tips reported, commissions, bonuses, vacation allowances, sick-leave pay, and the value of payments in kind paid to employees before deductions for social security, income tax, insurance, and so on.

Number of Establishments

Iowa had 81,213 of these establishments in 1999, nearly 3,450 more than were reported in 1994 and 9,000 more than the 1989 figure (Table 1). Iowa's most populous counties had the largest number of establishments; Polk's total of 11,510 in 1999 was more than double those of Linn or Scott. Nine counties had fewer than 200. In the span from 1989 to 1999, only Calhoun and Page declined by more than 10 businesses, although six others also had fewer establishments in 1999 than in 1989. Polk had nearly 1,700 more firms in 1999 than in 1989. Three others (Johnson, Linn, Scott) increased by at least 500.

Number of Employees

Employees in these establishments numbered more than 1.2 million in 1999 (Table 1). The gain in employees between 1994 and 1999 was nearly 150,000. The period of 1989 to 1999 saw Iowa's employees increase by 261,000. Not surprisingly, Polk had the most employees in 1999, followed by Linn, Scott, and Black Hawk, respectively. Twelve counties reported fewer than 2,000 workers in their establishments in 1999, although Adams was the only one with fewer than 1,000. Even though there were substantial statewide gains in employees between 1989 and 1999, Adams, Bremer, Floyd, Louisa, Mills, and Taylor had fewer at the end of the period than at the beginning. Black Hawk, Johnson, Linn, Polk, and Scott had gains of at least 10,000 employees when 1989 and 1999 were compared.

Table 1. Business Establishments and Employees in Iowa's Counties, 1989, 1994, 1998, and 1999.

County	Number of Business Establishments				Number of Employees				Average No. of Employees Per Business Establishment			
	1999	1998	1994	1989	1999	1998	1994	1989	1999	1998	1994	1989
Adair	216	212	206	225	2274	2064	1936	1825	10.5	9.7	9.4	8.1
Adams	126	128	128	117	934	945	1037	1022	7.4	7.4	8.1	8.7
Allamakee	423	439	396	401	4563	4526	3792	3632	10.8	10.3	9.6	9.1
Appanoose	354	346	333	326	4014	3571	3330	2895	11.3	10.3	10.0	8.9
Audubon	217	230	217	204	1444	1432	1536	1168	6.7	6.2	7.1	5.7
Benton	624	611	558	531	4599	4421	4043	3351	7.4	7.2	7.2	6.3
Black Hawk	3178	3210	3159	2976	59199	58478	51073	45088	18.6	18.2	16.2	15.2
Boone	588	574	553	504	6917	6785	6515	5943	11.8	11.8	11.8	11.8
Bremer	641	631	614	564	7819	7938	7274	7946	12.2	12.6	11.8	14.1
Buchanan	544	547	494	460	5330	5210	4369	3693	9.8	9.5	8.8	8.0
Buena Vista	616	627	619	609	8605	8282	7703	6513	14.0	13.2	12.4	10.7
Butler	376	389	366	362	2260	2270	2310	1942	6.0	5.8	6.3	5.4
Calhoun	310	317	329	329	2365	2444	2476	2122	7.6	7.7	7.5	6.4
Carroll	842	842	816	734	10101	10289	8520	7132	12.0	12.2	10.4	9.7
Cass	502	502	511	482	5775	5519	5168	4925	11.5	11.0	10.1	10.2
Cedar	499	496	452	435	3887	3896	3862	3170	7.8	7.9	8.5	7.3
Cerro Gordo	1471	1480	1463	1415	22862	22580	19094	18923	15.5	15.3	13.1	13.4
Cherokee	390	391	360	374	4326	4283	4413	3878	11.1	11.0	12.3	10.4
Chickasaw	398	399	392	369	4440	4156	3926	3369	11.2	10.4	10.0	9.1
Clarke	227	237	201	208	3343	3008	2400	2757	14.7	12.7	11.9	13.3
Clay	639	625	629	605	8049	8347	6846	6134	12.6	13.4	10.9	10.1
Clayton	556	571	544	508	5865	5519	4478	4275	10.5	9.7	8.2	8.4
Clinton	1303	1319	1282	1215	18877	19264	17939	16596	14.5	14.6	14.0	13.7
Crawford	475	477	474	476	5572	5508	5122	4589	11.7	11.5	10.8	9.6
Dallas	849	828	724	597	9499	9216	7535	4902	11.2	11.1	10.4	8.2
Davis	175	179	168	166	1578	1654	1452	1222	9.0	9.2	8.6	7.4
Decatur	174	174	170	173	2406	2402	2385	1995	13.8	13.8	14.0	11.5
Delaware	466	455	426	410	4930	4351	3652	2857	10.6	9.6	8.6	7.0
Des Moines	1229	1231	1234	1167	20848	20967	19506	19095	17.0	17.0	15.8	16.4
Dickinson	703	728	657	598	7337	7040	6317	5098	10.4	9.7	9.6	8.5
Dubuque	2627	2599	2510	2273	48230	47588	45570	40917	18.4	18.3	18.2	18.0
Emmet	307	305	312	281	3502	3510	2923	2620	11.4	11.5	9.4	9.3
Fayette	671	654	631	634	7258	7177	6627	5246	10.8	11.0	10.5	8.3
Floyd	456	462	450	442	4395	4416	4401	4878	9.6	9.6	9.8	11.0
Franklin	339	342	326	313	3093	3034	2440	2317	9.1	8.9	7.5	7.4
Fremont	196	187	191	185	1524	1497	1319	1184	7.8	8.0	6.9	6.4
Greene	311	313	293	287	2664	2578	2257	2153	8.6	8.2	7.7	7.5
Grundy	312	321	327	307	2766	2619	2414	2052	8.9	8.2	7.4	6.7
Guthrie	296	291	279	236	1868	1841	1912	1671	6.3	6.3	6.9	7.1
Hamilton	447	454	451	428	6502	6423	5968	6308	14.5	14.1	13.2	14.7
Hancock	350	331	344	335	3051	3033	3730	2864	8.7	9.2	10.8	8.5
Hardin	661	656	658	651	7208	7088	6248	5148	10.9	10.8	9.5	7.9
Harrison	364	365	344	335	3182	2958	2536	2318	8.7	8.1	7.4	6.9
Henry	556	539	496	482	12212	11127	8481	8456	22.0	20.6	17.1	17.5
Howard	291	293	276	246	3434	3449	2664	1751	11.8	11.8	9.7	7.1
Humboldt	331	315	311	318	3594	3944	2920	2574	10.9	12.5	9.4	8.1
Ida	265	267	268	246	3249	3285	2818	2490	12.3	12.3	10.5	10.1
Iowa	514	519	501	407	9450	9196	8117	6739	18.4	17.7	16.2	16.6
Jackson	583	575	551	489	5417	5119	4887	3655	9.3	8.9	8.9	7.5
Jasper	852	852	815	752	13765	13041	11391	9861	16.2	15.3	14.0	13.1

Table 1. Business Establishments and Employees in Iowa's Counties, 1989, 1994, 1998, and 1999 (continued).

County	Number of Business Establishments				Number of Employees				Average No. of Employees Per Business Establishment			
	1999	1998	1994	1989	1999	1998	1994	1989	1999	1998	1994	1989
Jefferson	713	685	659	525	7889	8048	7315	6236	11.1	11.7	11.1	11.9
Johnson	2677	2607	2342	2004	48632	45266	40281	34883	18.2	17.4	17.2	17.4
Jones	514	502	466	431	4441	4142	3662	3262	8.6	8.3	7.9	7.6
Keokuk	271	272	267	280	1790	1921	1748	1776	6.6	7.1	6.5	6.3
Kossuth	550	566	551	531	5601	5379	4771	4634	10.2	9.5	8.7	8.7
Lee	1051	1062	1048	1003	16912	16666	15334	13398	16.1	15.7	14.6	13.4
Linn	5317	5297	5028	4437	109920	110504	94660	84017	20.7	20.9	18.8	18.9
Louisa	218	222	227	225	2643	2586	2903	2720	12.1	11.6	12.8	12.1
Lucas	214	209	188	203	2627	2603	2668	2617	12.3	12.5	14.2	12.9
Lyon	369	354	332	288	2317	2473	2168	1703	6.3	7.0	6.5	5.9
Madison	336	337	317	273	2769	2705	2333	1827	8.2	8.0	7.4	6.7
Mahaska	590	594	571	553	6226	6375	5764	5358	10.6	10.7	10.1	9.7
Marion	816	778	738	669	17130	15918	13647	11634	21.0	20.5	18.5	17.4
Marshall	933	928	950	931	15482	15521	14642	13466	16.6	16.7	15.4	14.5
Mills	231	241	247	225	2713	2707	2969	3006	11.7	11.2	12.0	13.4
Mitchell	347	348	340	320	3069	3212	2794	2290	8.8	9.2	8.2	7.2
Monona	290	288	283	289	2663	2736	2696	2119	9.2	9.5	9.5	7.3
Monroe	209	212	191	190	2669	2655	2122	1247	12.8	12.5	11.1	6.6
Montgomery	342	349	347	330	4545	4664	4048	3998	13.3	13.4	11.7	12.1
Muscatine	996	996	962	952	20474	19834	17730	16869	20.6	19.9	18.4	17.7
O'Brien	565	559	533	501	5211	5264	5122	4614	9.2	9.4	9.6	9.2
Osceola	216	213	203	197	1798	1825	1637	1566	8.3	8.6	8.1	7.9
Page	502	507	529	524	6767	6714	6374	5485	13.5	13.2	12.0	10.5
Palo Alto	328	333	337	308	2698	2687	2586	2088	8.2	8.1	7.7	6.8
Plymouth	662	682	630	607	8418	8024	7222	6006	12.7	11.8	11.5	9.9
Pocahontas	283	278	288	292	2498	2424	2548	2206	8.8	8.7	8.8	7.6
Polk	11510	11307	10873	9841	239931	229586	212091	191434	20.8	20.3	19.5	19.5
Pottawattamie	1883	1896	1875	1758	28556	28219	23606	21277	15.2	14.9	12.6	12.1
Poweshiek	573	578	575	518	8493	8729	8387	7857	14.8	15.1	14.6	15.2
Ringgold	138	135	121	132	1015	999	926	718	7.4	7.4	7.7	5.4
Sac	381	387	376	362	2671	2651	2599	2366	7.0	6.9	6.9	6.5
Scott	4518	4523	4298	3954	79704	78006	67018	60918	17.6	17.2	15.6	15.4
Shelby	429	411	415	384	4480	4457	3922	3507	10.4	10.8	9.5	9.1
Sioux	1097	1095	1035	858	14595	15280	12898	10736	13.3	14.0	12.5	12.5
Story	1893	1842	1819	1596	27209	26903	24283	22186	14.4	14.6	13.3	13.9
Tama	408	400	392	371	4747	4689	4080	3365	11.6	11.7	10.4	9.1
Taylor	173	174	181	182	1261	961	1341	1479	7.3	5.5	7.4	8.1
Union	362	354	351	355	4815	4530	3917	3728	13.3	12.8	11.2	10.5
Van Buren	175	179	179	174	1677	1590	1354	969	9.6	8.9	7.6	5.6
Wapello	887	883	862	819	13126	12664	12203	11056	14.8	14.3	14.2	13.5
Warren	772	765	671	591	7230	6911	5984	5138	9.4	9.0	8.9	8.7
Washington	714	686	631	567	5965	5971	5617	4323	8.4	8.7	8.9	7.6
Wayne	181	197	186	179	1471	1508	1662	1219	8.1	7.7	8.9	6.8
Webster	1207	1219	1215	1137	16552	16687	14975	14212	13.7	13.7	12.3	12.5
Winnebago	359	354	333	339	7894	7342	6585	6810	22.0	20.7	19.8	20.1
Winneshiek	604	597	584	542	9523	8975	8126	6814	15.8	15.0	13.9	12.6
Woodbury	2927	2949	2786	2655	47671	48205	42959	40259	16.3	16.3	15.4	15.2
Worth	185	191	184	170	1391	1579	1376	1277	7.5	8.3	7.5	7.5
Wright	442	453	430	427	4983	4571	4265	4114	11.3	10.1	9.9	9.6
County Unknown	15	9	9	46	110	131	224	538	7.3	14.6	24.9	11.7
State of Iowa	81213	80838	77764	72232	1239354	1213285	1089774	978584	15.3	15.0	14.0	13.5

Table 2. Payrolls from Business Establishments in Iowa's Counties, 1989, 1994, 1998, and 1999.

County	Annual Payroll (in \$1,000s)				Adjusted Annual Payroll (in 1999 \$1,000s)			Average Annual Payroll Per Employee for Business Establishments				Adj. Avg. Annual Payroll Per Emp. for Bus. Estab. (in 1999 \$1,000s)		
	1999	1998	1994	1989	1998	1994	1989	1999	1998	1994	1989	1998	1994	1989
Adair	50915	45654	34819	26036	46672	39025	34662	22390	22119	17985	14266	22612	20157	18993
Adams	16984	17997	15934	13744	18398	17859	18298	18184	19044	15365	13448	19469	17221	17904
Allamakee	86032	78256	56845	46218	80000	63711	61531	18854	17290	14991	12725	17676	16802	16941
Appanoose	78153	67649	58551	42965	69157	65624	57200	19470	18944	17583	14841	19366	19707	19758
Audubon	24915	24049	22283	13824	24585	24975	18404	17254	16794	14507	11836	17168	16259	15758
Benton	96483	95379	68839	47340	97505	77154	63025	20979	21574	17027	14127	22055	19084	18808
Black Hawk	1513500	1490289	1179507	931286	1523504	1321983	1239845	25566	25485	23095	20655	26053	25885	27499
Boone	154913	146793	126661	99321	150065	141961	132229	22396	21635	19441	16712	22117	21789	22249
Bremer	182348	181444	140926	139673	185488	157949	185950	23321	22858	19374	17578	23367	21714	23402
Buchanan	117787	117601	83211	57275	120222	93262	76252	22099	22572	19046	15509	23075	21347	20648
Buena Vista	181108	164488	130207	94194	168154	145935	125403	21047	19861	16903	14462	20304	18945	19254
Butler	43118	39165	35862	25607	40038	40194	34091	19079	17253	15525	13186	17638	17400	17555
Calhoun	39823	39084	36340	28370	39955	40730	37770	16838	15992	14677	13369	16348	16450	17798
Carroll	202191	207546	143895	102792	212172	161277	136850	20017	20172	16889	14413	20621	18929	19188
Cass	129241	120261	86485	69545	122941	96932	92587	22379	21790	16735	14121	22276	18756	18800
Cedar	77347	71979	57361	40268	73583	64290	53610	19899	18475	14853	12703	18887	16647	16912
Cerro Gordo	547778	496484	365690	301522	507549	409863	401424	23960	21988	19152	15934	22478	21465	21213
Cherokee	101126	95200	80030	62451	97322	89697	83143	23376	22227	18135	16104	22723	20326	21440
Chickasaw	100081	92670	74294	52645	94735	83268	70088	22541	22298	18924	15626	22795	21210	20803
Clarke	67949	60031	38152	37227	61369	42760	49561	20326	19957	15897	13503	20402	17817	17977
Clay	172669	172337	125786	89504	176178	140980	119159	21452	20647	18374	14591	21107	20593	19425
Clayton	115458	110146	76544	58724	112601	85790	78181	19686	19958	17093	13737	20402	19158	18288
Clinton	435140	426573	355321	289800	436080	398241	385818	23051	22144	19807	17462	22637	22200	23248
Crawford	114552	104389	91047	74773	106716	102045	99547	20559	18952	17776	16294	19375	19923	21693
Dallas	238143	225216	146553	71459	230236	164256	95135	25070	24438	19450	14578	24982	21799	19408
Davis	31037	30813	25302	15800	31500	28358	21035	19669	18629	17426	12930	19045	19531	17214
Decatur	32985	33518	28310	19646	34265	31730	26155	13709	13954	11870	9848	14265	13304	13111
Delaware	107865	92557	68311	46346	94620	76562	61702	21879	21273	18705	16222	21747	20964	21597
Des Moines	522712	508902	443798	350848	520244	497406	467093	25073	24272	22752	18374	24813	25500	24462
Dickinson	170042	154854	115045	78960	158305	128942	105121	23176	21996	18212	15488	22487	20412	20620
Dubuque	1201595	1184381	1009862	742273	1210778	1131846	988207	24914	24888	22161	18141	25443	24838	24152
Emmet	74763	72658	52108	36629	74277	58402	48765	21349	20700	17827	13981	21162	19980	18613
Fayette	137407	135534	105386	74773	138555	118116	99547	18932	18884	15903	14253	19305	17824	18975
Floyd	92451	86544	80560	72571	88473	90291	96616	21035	19598	18305	14877	20035	20516	19806
Franklin	71027	67336	46739	37090	68837	52385	49379	22964	22194	19155	16008	22688	21469	21312
Fremont	31001	29896	21446	16381	30562	24037	21808	20342	19971	16259	13835	20416	18223	18419
Greene	53307	52159	39988	27553	53322	44818	36682	20010	20232	17717	12797	20683	19857	17037
Grundy	67180	63629	50177	28308	65047	56238	37687	24288	24295	20786	13795	24837	23297	18366
Guthrie	31666	30771	23951	19313	31457	26844	25712	16952	16714	12527	11558	17087	14040	15387
Hamilton	162967	149594	115541	94489	152928	129498	125796	25064	23290	19360	14979	23809	21699	19942
Hancock	64919	64284	61880	44950	65717	69355	59843	21278	21195	16590	15695	21667	18594	20895
Hardin	150548	147412	113951	71781	150697	127715	95564	20886	20797	18238	13943	21261	20441	18563
Harrison	57018	52986	37334	27241	54167	41844	36267	17919	17913	14722	11752	18312	16500	15646
Henry	276501	254914	164464	129549	260595	184330	172472	22642	22909	19392	15320	23420	21734	20396
Howard	74847	73592	43958	22715	75232	49268	30241	21796	21337	16501	12973	21813	18494	17271
Humboldt	79789	77521	51712	37033	79249	57958	49303	22201	19655	17710	14387	20093	19849	19154
Ida	78252	74738	57517	38662	76404	64465	51472	24085	22751	20411	15527	23258	22877	20671
Iowa	254143	241184	181839	108689	246559	203804	144700	26893	26227	22402	16128	26812	25108	21472
Jackson	88343	84760	71131	42285	86649	79723	56295	16308	16558	14555	11569	16927	16313	15402
Jasper	377965	323650	295342	195889	330863	331017	260792	27458	24818	25928	19865	25371	29060	26447

Table 2. Payrolls from Business Establishments in Iowa's Counties, 1989, 1994, 1998, and 1999 (continued).

County	Annual Payroll (in \$1,000s)				Adjusted Annual Payroll (in 1999 \$1,000s)			Average Annual Payroll Per Employee for Business Establishments				Adj. Avg. Annual Payroll Per Emp. for Bus. Estab. (in 1999 \$1,000s)		
	1999	1998	1994	1989	1998	1994	1989	1999	1998	1994	1989	1998	1994	1989
Jefferson	196420	215173	153565	103515	219969	172115	137812	24898	26736	20993	16600	27332	23529	22100
Johnson	1188429	1072526	788335	564413	1096430	883560	751417	24437	23694	19571	16180	24222	21935	21541
Jones	86542	76237	63312	45380	77936	70960	60416	19487	18406	17289	13912	18816	19377	18521
Keokuk	34325	36168	28298	23619	36974	31716	31445	19176	18828	16189	13299	19247	18145	17705
Kossuth	109373	106051	78196	78329	108415	87642	104281	19527	19716	16390	16903	20155	18370	22503
Lee	422350	407877	335393	255235	416968	375906	339801	24973	24474	21873	19050	25019	24515	25362
Linn	3528939	3436117	2356792	1835284	3512700	2641476	2443360	32105	31095	24897	21844	31788	27904	29081
Louisa	55329	52601	53744	38241	53773	60236	50911	20934	20341	18513	14059	20794	20749	18717
Lucas	62858	60470	59100	43906	61818	66239	58453	23928	23231	22151	16777	23749	24827	22336
Lyon	42696	42374	32084	22336	43318	35960	29736	18427	17135	14799	13116	17517	16587	17462
Madison	55241	49908	36279	22284	51020	40661	29667	19950	18450	15550	12197	18861	17428	16238
Mahaska	124795	126211	100661	72868	129024	112820	97011	20044	19798	17464	13600	20239	19574	18106
Marion	463279	424052	297908	212493	433503	333893	282897	27045	26640	21830	18265	27234	24467	24317
Marshall	397383	385699	340781	268722	394295	381945	357756	25667	24850	23274	19956	25404	26085	26568
Mills	63365	62515	56900	49576	63908	63773	66002	23356	23094	19165	16492	23609	21480	21956
Mitchell	63472	61674	48187	29271	63049	54008	38969	20682	19201	17247	12782	19629	19330	17017
Monona	47954	47228	40761	26416	48281	45685	35168	18008	17262	15119	12466	17646	16945	16596
Monroe	61113	57855	42179	14819	59144	47274	19729	22897	21791	19877	11884	22277	22278	15821
Montgomery	96061	91749	76233	58860	93794	85441	78362	21136	19672	18832	14722	20110	21107	19600
Muscatine	632644	583930	473678	368785	596944	530895	490973	30900	29441	26716	21862	30097	29943	29105
O'Brien	98058	94251	76987	56499	96352	86286	75219	18818	17905	15031	12245	18304	16847	16302
Osceola	36428	34906	27181	20722	35684	30464	27588	20260	19127	16604	13232	19553	18610	17616
Page	164113	151158	123283	81194	154527	138175	108096	24252	22514	19342	14803	23016	21678	19708
Palo Alto	46387	42932	36861	24063	43889	41314	32036	17193	15978	14254	11524	16334	15976	15342
Plymouth	214929	198925	152023	100102	203359	170386	133268	25532	24791	21050	16667	25344	23593	22189
Pocahontas	46267	48396	43589	32896	49475	48854	43795	18522	19965	17107	14912	20410	19173	19853
Polk	7498052	6935958	5283690	3897767	7090544	5921923	5189196	31251	30211	24912	20361	30884	27921	27107
Pottawattamie	626416	622386	439469	325738	636258	492554	433663	21936	22056	18617	15309	22547	20866	20381
Poweshiek	217180	201407	173876	134570	205896	194879	179156	25572	23073	20732	17127	23588	23236	22802
Ringgold	19816	18675	12774	9120	19091	14317	12142	19523	18694	13795	12702	19110	15461	16910
Sac	47302	43700	37184	25872	44674	41676	34444	17709	16484	14307	10935	16852	16035	14558
Scott	2182765	2077960	1580988	1214937	2124273	1771960	1617476	27386	26638	23590	19944	27232	26440	26552
Shelby	86065	79320	59439	42397	81088	66619	56444	19211	17797	15155	12089	18193	16986	16094
Sioux	299670	289376	215389	137562	295826	241406	183140	20532	18938	16699	12813	19360	18716	17058
Story	620177	611074	411587	328564	624693	461304	437426	22793	22714	16950	14810	23220	18997	19717
Tama	95541	90277	74154	47775	92289	83111	63604	20127	19253	18175	14198	19682	20370	18902
Taylor	23224	15684	17608	17196	16034	19735	22893	18417	16320	13130	11627	16684	14716	15479
Union	93445	89344	65691	49583	91335	73626	66011	19407	19723	16771	13300	20162	18797	17707
Van Buren	36315	33064	23297	14054	33801	26111	18710	21655	20795	17206	14504	21258	19284	19310
Wapello	298514	289007	255435	207601	295448	286290	276384	22742	22821	20932	18777	23330	23460	24998
Warren	131263	124429	90975	62183	127202	101964	82786	18155	18004	15203	12103	18406	17039	16113
Washington	116617	125319	98075	61113	128112	109922	81361	19550	20988	17460	14137	21456	19569	18821
Wayne	25060	25286	24025	17063	25850	26927	22716	17036	16768	14455	13998	17142	16201	18636
Webster	410328	398255	307457	228351	407131	344596	304009	24790	23866	20531	16067	24398	23011	21390
Winnebago	202271	179875	140253	102951	183884	157195	137061	25623	24499	21299	15118	25045	23872	20127
Winneshiek	196064	175433	136894	87644	179343	153430	116683	20588	19547	16846	12862	19983	18881	17124
Woodbury	1146775	1105719	909769	692475	1130363	1019663	921909	24056	22938	21178	17201	23449	23736	22900
Worth	26083	29843	22349	17718	30508	25049	23588	18751	18900	16242	13875	19321	18204	18472
Wright	107091	99569	88927	68411	101788	99669	91077	21491	21783	20850	16629	22268	23369	22139
County Unknown	3800	2764	4773	11129	2826	5350	14816	34545	21099	21308	20686	21569	23882	27540
State of Iowa	32026668	30409574	23333183	17447939	31087332	26151668	23228883	25841	25064	21411	17830	25622	23997	23738

Employees Per Establishment

Iowa's establishments averaged 15.3 employees each in 1999, up more than one employee on average from 1994 and nearly two from 1989 (Table 1). While there was considerable range in the average number of employees per establishment, 35 counties averaged fewer than 10 in 1999. In contrast, Henry, Linn, Marion, Muscatine, Polk, and Winnebago had averages of at least 20. Eighty-five counties averaged more employees per firm in 1999 than in 1989.

Annual Payroll

Iowa's payroll from these establishments was more than \$32 billion in 1999, nearly \$8.7 billion higher than in 1994 (Table 2). The total in 1999 was \$14.6 billion more than the amount 10 years earlier. While the four counties with the lowest payrolls in 1999 (Adams, Audubon, Ringgold, Taylor) were below \$25 million, nearly half (45) of Iowa's 99 counties ranged from \$25 million to \$99 million. Payrolls exceeded \$1 billion in Black Hawk, Dubuque, Johnson, Linn, Polk, Scott, and Woodbury, with Polk's \$7.5 billion the highest. No county reported a lower payroll in 1999 than in 1989.

Because inflation has affected the value of a dollar from year to year, comparisons of the 1999 payroll data with those for earlier years are somewhat limited. To determine whether pay was keeping pace with inflation, the figures for previous years were adjusted to 1999 dollars based on the consumer price index for each year. After adjusting for inflation, the payroll in Iowa still was \$5.9 billion higher in 1999 than in 1994 (Table 2). Annual payroll figures increased by nearly \$8.8 billion after inflation was taken into account from 1989 to 1999. County adjusted and unadjusted payroll figures also differ. Before adjusting for inflation, no county had a lower payroll in 1999 than in 1989. After adjustment, Adams, Bremer, Floyd, and Mills had lower payrolls at the end of the period than at the beginning. In Linn and Polk, the totals were more than \$1 billion higher in 1999 than in 1989 even after adjusting for inflation.

Pay Per Employee

Payrolls may be going up because wages and salaries are higher or because there are more workers. Dividing the annual payroll by the number of employees results in the average pay per employee. Statewide in 1999, employees averaged more than \$25,800, up about \$4,400 from the 1994 figure. The average pay per person gained more than \$8,000 across the 10 years noted.

In 1999, pay per employee varied from less than \$14,000 in Decatur to more than \$30,000 in Linn, Muscatine, and Polk. All counties had higher average pay in 1999 than in 1989, with the increase less than \$5,000 in 14 counties and greater than \$10,000 in eight others. As with total payroll, the average pay per worker for 1989 and 1994 was adjusted to 1999 dollars to account for the effects of inflation. When that was done, the state figure in 1999 was \$2,103 higher than that for 1989, which means pay increases outdistanced inflation. Adjusted pay per employee gained only slightly between 1989 and 1994.

Among counties, the pattern of change in average pay per employee between 1989 and 1999 differed substantially when adjusted figures were compared. With the unadjusted numbers, all the counties had higher average pay in 1999 than in 1989. With adjustment for inflation, 14 counties were lower in the more recent year. Six of these 14 decreased by more than \$1,000 in adjusted average pay over the period, with two (Kossuth, Wapello) down more than \$2,000. Eighty-five counties had higher adjusted average pay in 1999 than in 1989; 71 increased by at least \$1,000. Gains exceeded \$5,000 in Dallas, Grundy, Hamilton, Iowa, Monroe, and Winnebago even after inflation was taken into consideration.

Note: See annual reports entitled COUNTY BUSINESS PATTERNS: IOWA (Washington, D.C.: U.S. Bureau of the Census; the 1999 volume was published in 2001 under CBP-99-17) for more detailed data for counties, incorporated places with at least 2,500 residents, and the state. Caution is urged in making comparisons between 1999 and previous years. The manner in which data were classified changed somewhat in 1998. The changes tend to be minor when the general data reported here are examined; they are more important when specific types of business establishments are studied.

Retail Sales in Iowa's Counties: 1980, 1985, and 1990-2000

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The Iowa Department of Revenue and Finance annually reports retail sales tax receipts by the location of sales. Because these taxes are a set percentage of sales, they can be used to generate the actual dollars received from those sales. These data have been aggregated by county in this report. Adjustments have been made in the figures for counties in which additional sales taxes have been generated through local options approved by voters. Receipts are reported from the department's fiscal year of 1 April through 31 March; thus, the numbers in the tables under 2000 cover the period from 1 April 1999 through 31 March 2000.

Retail Sales

In 1980, \$13.1 billion in retail sales were reported in Iowa (Table 1). By 2000, this figure had more than doubled to nearly \$27.6 billion.

Sales varied greatly among Iowa's counties. In 2000, for example, Polk had retail sales of \$6.1 billion, which was more than a fifth (22.0%) of all retail sales in the state. Five other counties (Black Hawk, Johnson, Linn, Scott, Woodbury) reported at least a billion dollars in sales. Half (51.7%) of all sales in the state were generated in these six counties in 2000. Sales were less than \$50 million in 22 counties; five of them (Adams, Ringgold, Taylor, Wayne, Worth) had receipts from sales of less than \$25 million in 2000.

When 1990 and 2000 were compared, 94 counties had sales that were greater at the end of the period than the beginning (Figure 1). The greatest increase was in Polk (+\$2.3 billion); Linn's \$1.1 billion gain was the second highest. Another 12 counties reported at least \$100 million more in sales in 2000 than in 1990. Calhoun, Keokuk, Louisa, Lucas, and Poweshiek declined in sales.

The state's increase in retail sales from 1990 to 2000 was 53.7 percent, a level exceeded by 17 counties. These sales more than doubled in Dallas and Iowa counties and increased by 75-99 percent in six others. Iowa County began the period at \$89 million; it was \$90 million higher by 2000, with much of the increase due to a major shopping center constructed near an interstate highway.

When adjusted for inflation, retail sales varied in a relatively narrow band in the years from 1990 to 2000 with the highest figure (\$27.6 billion in 2000) \$4.0 billion above the lowest (\$23.6 billion in 1991) (Table 2). Adjusted sales failed to increase in 38 of the counties in the period between 1990 and 2000, which indicates that sales kept pace with inflation in less than two-thirds of the state's 99 counties (Figure 2). When 1980 and 2000 are compared, the adjusted figure at the beginning of the period was nearly \$1 billion higher than the total for retail sales at the end of it. Only 15 counties had higher retail sales in 2000 than in 1980 after adjusting for inflation.

Estimated Gains and Losses in Retail Sales

The volume of sales expected in a county can be estimated by relating population figures to retail sales. The first step is to obtain the average sales per person in the state; the total sales figure is divided by the population. This state average then is multiplied by the population estimate for a particular county and the result is compared with the actual sales reported for that county. If the county's actual sales are

Table 1. Retail Sales (in \$1,000s) in Iowa's Counties, 1980, 1985, and 1990-2000*.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	49430	49158	45314	47349	44723	41404	40943	38952	38398	36200	35377	36443	39320
Adams	20783	31340	20980	20354	20098	19912	19358	18385	17567	16861	17043	16316	17514
Allamakee	89336	82375	77746	77766	76916	75609	70398	68987	66435	66320	59725	56401	52675
Appanoose	79015	77460	74448	74105	70419	71107	72290	73536	69148	62406	58116	53221	55779
Audubon	26963	26873	28949	29996	28977	27430	28703	29010	29477	28378	24992	28516	32742
Benton	115898	109510	106706	106180	96872	89498	86712	82918	80265	78673	74050	70778	76492
Black Hawk	1321118	1287653	1270325	1199064	1147699	1095252	1043059	1008149	956423	924554	874293	701204	658746
Boone	151485	150418	143763	139581	134060	129498	126542	122393	118702	115471	110434	92102	86329
Bremer	137869	131487	147152	122566	119498	114742	116564	109925	108017	105005	98647	88798	90122
Buchanan	106925	101305	94439	90582	93290	95643	93453	89907	85767	81354	80350	69688	69317
Buena Vista	146439	156246	146499	142427	137127	132698	130525	127263	124270	124169	116102	111444	108572
Butler	59750	56913	51754	50247	48284	51600	50029	49653	47557	46572	45199	47866	52050
Calhoun	40248	42581	42568	43040	39760	38511	40638	39195	36551	37379	40565	41824	50962
Carroll	208106	205609	200539	191006	179339	172487	171105	158987	149277	144045	139350	117965	117779
Cass	107080	101557	97230	98186	92312	90185	88527	86471	86620	84398	81731	84695	82205
Cedar	76718	74311	73869	70495	66549	64431	63231	62247	58141	56405	54365	54596	62210
Cerro Gordo	570989	554401	535554	524140	494774	465056	435720	413014	398217	391767	374305	295743	244267
Cherokee	85145	89184	88121	83955	80843	79904	77325	73397	71951	70569	66164	66606	68051
Chickasaw	72272	67544	63073	67385	61499	60527	57799	55177	53092	50236	48146	50386	57881
Clarke	55021	49428	45831	44715	42457	40189	41602	43333	43738	42038	39949	32874	34502
Clay	200288	182707	172631	167854	157788	150009	142986	132726	127792	127075	123381	110967	116553
Clayton	85217	81442	76073	78546	76470	72758	70507	68095	67949	64054	60937	61938	74339
Clinton	361945	356588	341938	347658	336672	320300	312874	305704	295939	289727	277531	235200	222242
Crawford	98775	96728	93505	94296	91072	89847	86677	84868	82667	77120	73756	69823	69011
Dallas	219782	180542	152975	142718	137060	126939	121579	116058	112594	110875	103894	105651	99692
Davis	36226	35673	36019	35151	31349	30366	30351	29991	29491	28875	26775	24457	25007
Decatur	27582	26449	25174	23210	22511	23015	28825	22817	22834	22571	20999	21203	21056
Delaware	98783	95775	91035	87894	85157	84675	82611	78655	77720	74125	64709	62262	63985
Des Moines	449413	440446	409795	403309	383070	373785	366353	342956	334834	314629	296299	235632	215639
Dickinson	207817	192133	180991	174071	165139	161387	147632	146522	133462	128756	118654	80278	69620
Dubuque	923935	881590	832202	814489	800496	778315	711729	685365	647831	612068	580913	458930	422979
Emmet	87491	84153	81268	80459	76843	72519	71958	69291	66467	64978	64342	52765	57358
Fayette	127554	122342	121402	120420	116224	114540	111574	109108	106354	104412	99223	96347	104586
Floyd	102648	99496	100885	98699	89625	82283	84040	85729	83170	78995	77879	73573	73091
Franklin	52788	54704	55935	54951	52821	50374	49055	47646	48962	46177	43724	48764	58565
Fremont	49644	44946	40657	40712	41013	35664	38986	36825	31554	26873	26565	30557	24176
Greene	62581	61317	59767	58746	56467	54942	55507	53467	49296	45502	45295	45996	50659
Grundy	54212	51237	47850	47496	45948	44869	43524	42419	40711	38791	36480	45006	47933
Guthrie	54485	53384	49218	49186	48409	46902	44219	41562	42294	40554	39222	35642	37298
Hamilton	89664	88159	85858	85288	88121	84413	82564	80019	78337	80893	76528	71254	74909
Hancock	56049	54961	52518	53223	52774	51119	49510	47899	46441	46418	46044	48702	56077
Hardin	149656	147544	144273	138763	130469	127902	117141	110798	108946	105451	99667	102354	109944
Harrison	66113	63112	56489	55537	52874	51556	49272	52630	49575	46676	44659	46161	49710
Henry	123869	134722	116358	110441	112849	106681	104361	118649	114792	110024	101760	82511	76243
Howard	55822	54788	50252	48196	45780	48010	46381	45286	43455	41280	38227	38252	42129
Humboldt	66646	65364	63758	60961	57499	55740	55110	54598	52208	51765	52987	49631	53193
Ida	42116	43667	48342	46529	43876	40882	41437	38976	39422	37964	39622	38384	36166
Iowa	178946	182314	192774	173124	158096	155416	151367	139686	132035	97626	88593	75419	71150
Jackson	103773	97253	94171	95796	91263	89642	89658	87117	83996	81869	74678	70849	70291
Jasper	225296	206815	196765	198533	184654	183027	178300	191104	198034	195290	184094	157393	142569

*The fiscal year for these data runs from 1 April through 31 March; thus, 2000 refers to the period from 1 April 1999 through 31 March 2000.

Table 1. Retail Sales (in \$1,000s) in Iowa's Counties, 1980, 1985, and 1990-2000* (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	141682	137716	126321	118347	113812	105397	97032	92560	85677	82650	82231	70225	60702
Johnson	1202338	1109473	931764	906771	861676	823496	772370	717876	673408	642077	613172	441737	312659
Jones	124496	116972	117702	114453	111797	109902	107357	101439	97654	97747	92130	78818	78123
Keokuk	30274	31385	30074	31131	29426	29653	32072	33334	32504	31430	30821	34709	41745
Kossuth	105107	108535	107858	104059	104676	103323	98011	95240	92129	90979	90253	96614	109440
Lee	279268	297654	274543	281742	274464	270771	261162	246997	238471	229320	218901	196586	178256
Linn	2619355	2548436	2422905	2239273	2213181	2078461	1928496	1766900	1658849	1595335	1510740	1137896	946043
Louisa	25273	26829	26852	25439	26299	26417	26381	27381	26507	25744	25918	28204	29453
Lucas	40249	38415	39044	35919	32060	36545	33198	54748	54316	54185	48075	34067	33718
Lyon	49377	49575	48403	45153	42465	42454	42910	41267	40229	38852	35354	33423	41048
Madison	74131	68640	61467	58895	55759	53352	49475	48877	45258	43413	40672	29291	33406
Mahaska	157466	157367	151691	147754	139350	138412	142948	139372	134896	126209	115981	105286	100306
Marion	208148	198853	191929	185448	177425	167595	160546	150109	143812	140514	135723	111754	101191
Marshall	341335	340708	328339	318595	315918	306776	304752	272527	262119	258648	244137	204644	179748
Mills	45621	40359	35312	35243	34812	34131	34496	36735	37189	36698	35614	33944	31897
Mitchell	52894	51708	54759	54638	52053	51118	48949	47274	45884	44966	41727	40365	45004
Monona	50566	49103	46863	48321	44559	42336	41879	42403	39587	39492	38643	38953	48390
Monroe	38592	37903	33436	35603	37088	36816	34448	33572	30361	32009	30842	27266	26436
Montgomery	81093	89541	76773	81423	79512	83986	83429	81139	76007	76266	75487	61031	57157
Muscatine	343929	342314	314690	297911	282162	280603	273462	263207	246438	236877	227817	196883	158679
O'Brien	88853	90565	90994	88100	83886	80554	80221	77912	75288	75176	74887	66241	71512
Osceola	32923	32651	32126	31699	30197	29717	28005	28013	26837	26370	26642	25073	30335
Page	93509	90370	92564	91838	94040	89142	86444	81741	79564	80541	79735	79468	85983
Palo Alto	49477	56809	56353	50388	46703	44278	42559	38218	37007	37123	36153	37311	44314
Plymouth	140160	139461	139315	132592	123705	119418	117751	114590	110587	103938	98164	84749	82242
Pocahontas	36771	38443	39012	37030	35719	34725	34334	33627	34171	32240	31380	40125	44047
Polk	6061141	5848488	5527385	5396506	5167366	4910378	4661429	4354546	4105173	3915049	3790041	2617999	2020684
Pottawattamie	822906	781695	710841	670768	628562	572586	514987	486826	468759	453756	449014	352290	282253
Poweshiek	122965	118794	113821	116894	116790	105833	110457	149252	149608	143671	131985	99390	78112
Ringgold	20880	20504	20059	19350	18587	17655	18745	19017	19202	18537	17483	16238	19804
Sac	59575	57218	56551	55029	51338	49657	48553	46609	48004	46295	43553	45044	56080
Scott	1919044	1863004	1789174	1702869	1664344	1571659	1492965	1424689	1405851	1301826	1287839	985001	807558
Shelby	76035	73773	69913	69184	64242	63128	62943	61532	58524	58803	56204	55107	59447
Sioux	212185	205030	205846	193000	179194	172687	170153	159047	152953	145238	131336	112662	122809
Story	723039	682114	641554	585142	545719	534162	502977	487570	459129	447245	415954	326021	265745
Tama	81014	80771	83372	76858	75126	74003	71761	68677	67880	65082	63989	64314	73328
Taylor	21396	20589	19707	18793	18270	18294	18085	17386	16750	16332	15364	16692	21979
Union	108590	108266	122802	197151	95737	87991	83937	77896	74814	74232	65874	56762	57760
Van Buren	25084	22763	21458	21888	20283	19772	20771	18123	18729	16650	16426	15455	19059
Wapello	300815	294827	295461	280639	269929	251759	265926	250743	237380	229517	215578	172255	152253
Warren	179473	158418	137321	131524	129298	122788	116949	109293	105619	101873	90160	73869	67243
Washington	122656	120095	111302	111774	105901	102607	105081	101637	99699	98229	90648	88034	88183
Wayne	21005	21330	22693	23979	23540	21944	20444	20276	19265	19188	18265	17780	23071
Webster	467285	470719	418353	402039	393145	387356	363490	346382	335771	325443	328585	259768	254231
Winnebago	69104	67707	61678	62102	63246	62372	57708	54835	53636	53569	52376	49020	48483
Winneshiek	151551	144906	135413	132937	123799	120932	117471	113819	111085	107756	101030	77660	71450
Woodbury	1130618	1111273	1059068	1006886	991630	947587	898320	837627	790551	755293	736920	594906	506609
Worth	24361	24046	23775	22567	21883	21262	20581	19166	19249	18927	18339	20512	28614
Wright	83576	87012	82106	86381	83060	78118	76183	72756	71130	67997	64257	67786	74329
State of Iowa	26770708	25332749	24528960	23534007	22461227	21427415	20410007	19503731	18704128	17953168	14542220	13112407	

Table 2. Adjusted Retail Sales (in 2000 dollars in \$1,000s) in Iowa's Counties, 1980, 1985 and 1990-2000*.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	49430	50462	47197	50198	48830	46453	47168	46053	46763	45607	46904	57578	85662
Adams	20783	32172	21852	21579	21944	22340	22301	21736	21394	21243	22597	25779	38156
Allamakee	89336	84562	80977	82445	83980	84828	81101	81564	80908	83554	79186	89111	114756
Appanoose	79015	79516	77543	78564	76887	79777	83280	86942	84211	78623	77053	84088	121519
Audubon	26963	27586	30152	31800	31638	30774	33067	34299	35898	35752	33135	45054	71333
Benton	115898	112416	111141	112568	105769	100411	99895	98035	97750	99117	98179	111827	166645
Black Hawk	1321118	1321826	1323126	1271211	1253111	1228798	1201635	1191946	1164778	1164810	1159177	1107877	1435141
Boone	151485	154410	149738	147979	146373	145288	145780	144707	144561	145478	146419	145517	188075
Bremer	137869	134976	153268	129941	130474	128733	134285	129966	131548	132292	130791	140297	196339
Buchanan	106925	103993	98365	96032	101859	107305	107660	106298	104451	102495	106531	110105	151014
Buena Vista	146439	160392	152588	150996	149721	148878	150369	150464	151341	156436	153934	176077	236535
Butler	59750	58423	53905	53270	52719	57891	57635	58706	57917	58674	59927	75627	113397
Calhoun	40248	43711	44338	45629	43411	43207	46817	46341	44513	47093	53783	66080	111026
Carroll	208106	211066	208874	202498	195810	193518	197118	187972	181797	181477	184757	186380	256592
Cass	107080	104252	101271	104093	100791	101182	101986	102236	105490	106330	108363	133815	179092
Cedar	76718	76283	76939	74737	72662	72287	72843	73596	70807	71062	72079	86260	135531
Cerro Gordo	570989	569114	557814	555677	540218	521761	501963	488311	484967	493573	496271	467262	532158
Cherokee	85145	91551	91784	89007	88268	89647	89081	86778	87626	88908	87723	105235	148256
Chickasaw	72272	69336	65694	71440	67147	67907	66586	65236	64658	63291	63834	79608	126099
Clarke	55021	50740	47736	47405	46356	45090	47927	51233	53266	52962	52966	51940	75165
Clay	200288	187556	179806	177954	172280	168300	164724	156923	155631	160097	163584	175324	253922
Clayton	85217	83603	79235	83272	83493	81629	81226	80509	82751	80699	80794	97860	161954
Clinton	361945	366051	356151	368576	367594	359355	360440	361438	360408	365016	367963	371607	484175
Crawford	98775	99295	97392	99970	99436	100802	99854	100340	100676	97161	97788	110318	150346
Dallas	219782	185334	159334	151305	149648	142417	140062	137216	137122	139687	137747	166925	217188
Davis	36226	36620	37517	37266	34228	34068	34966	35459	35916	36378	35499	38641	54480
Decatur	27582	27151	26220	24607	24579	25821	33208	26976	27808	28436	27842	33499	45873
Delaware	98783	98317	94818	93183	92978	95000	95171	92995	94651	93387	85794	98371	139398
Des Moines	449413	452135	426828	427576	418253	419361	422050	405480	407776	396389	392846	372289	469789
Dickinson	207817	197232	188513	184544	180306	181065	170077	173235	162537	162215	157317	126836	151674
Dubuque	923935	904986	866793	863496	874018	873216	819933	810315	788959	771120	770200	725092	921500
Emmet	87491	86386	84646	85300	83900	81362	82898	81923	80947	81864	85307	83366	124959
Fayette	127554	125589	126448	127666	126898	128506	128537	128999	129523	131544	131555	152225	227850
Floyd	102648	102136	105079	104638	97857	92316	96816	101359	101288	99523	103255	116242	159236
Franklin	52788	56156	58260	58257	57672	56516	56512	56333	59628	58177	57972	77045	127590
Fremont	49644	46139	42347	43161	44780	40013	44913	43539	38428	33857	35221	48279	52671
Greene	62581	62944	62252	62281	61653	61641	63945	63215	60035	57326	60054	72673	110366
Grundy	54212	52597	49839	50353	50168	50340	50140	50153	49580	48872	48366	71107	104427
Guthrie	54485	54801	51264	52145	52855	52621	50942	49139	51507	51092	52003	56312	81258
Hamilton	89664	90499	89427	90420	96215	94706	95116	94607	95402	101914	101464	112578	163195
Hancock	56049	56420	54701	56426	57621	57352	57037	56632	56558	58480	61047	76947	122169
Hardin	149656	151459	150269	147112	142452	143497	134950	130998	132679	132854	132143	161715	239522
Harrison	66113	64787	58837	58878	57730	57843	56763	62225	60375	58805	59211	72932	108298
Henry	123869	138297	121194	117086	123214	119689	120227	140280	139799	138615	134918	130364	166102
Howard	55822	56242	52340	51096	49984	53864	53432	53543	52921	52008	50682	60437	91783
Humboldt	66646	67099	66408	64629	62780	62536	63488	64552	63581	65217	70252	78416	115887
Ida	42116	44825	50352	49329	47906	45867	47737	46081	48009	47829	52533	60645	78791
Iowa	178946	187152	200786	183540	172617	174366	174379	165152	160798	122995	117461	119160	155007
Jackson	103773	99834	98086	101560	99646	100572	103289	102999	102295	103143	99011	111939	153135
Jasper	225296	212303	204944	210479	201614	205344	205406	225945	241175	246038	244080	248676	310599

*The fiscal year for these data runs from 1 April through 31 March; thus, 2000 refers to the period from 1 April 1999 through 31 March 2000.

Table 2. Adjusted Retail Sales (in 2000 dollars in \$1,000s) in Iowa's Counties, 1980, 1985 and 1990-2000* (cont.).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	141682	141371	131571	125468	124265	118249	111784	109434	104341	104127	109026	110952	132244
Johnson	1202338	1138917	970492	961330	940818	923906	889794	848753	820109	808928	812971	697927	681158
Jones	124496	120076	122594	121339	122065	123303	123678	119933	118928	123147	122150	124530	170199
Keokuk	30274	32218	31324	33004	32129	33268	36948	39411	39585	39598	40864	54839	90946
Kossuth	105107	111416	112341	110320	114290	115922	112911	112604	112199	114621	119662	152646	238425
Lee	279268	305553	285955	298694	299673	303786	300866	292027	290422	288912	290229	310598	388346
Linn	2619355	2616069	2523612	2374007	2416454	2331890	2221685	2089027	2020225	2009900	2003007	1797833	2061043
Louisa	25273	27541	27968	26969	28715	29638	30392	32373	32281	32434	34363	44561	64166
Lucas	40249	39435	40667	38080	35004	41001	38245	64729	66149	68266	63740	53824	73458
Lyon	49377	50891	50415	47870	46366	47630	49434	48790	48992	48948	46874	52806	89427
Madison	74131	70461	64021	62439	60881	59857	56997	57788	55118	54695	53925	46279	72778
Mahaska	157466	161543	157996	156645	152149	155289	164680	164781	164283	159006	153773	166348	218526
Marion	208148	204131	199906	196606	193721	188030	184953	177476	175141	177028	179947	176568	220455
Marshall	341335	349750	341986	337764	344934	344181	351084	322211	319221	325861	323688	323330	391598
Mills	45621	41430	36780	37364	38009	38292	39740	43432	45290	46235	47218	53630	69491
Mitchell	52894	53080	57035	57925	56834	57351	56391	55893	55879	56650	55324	63776	98046
Monona	50566	50406	48811	51229	48651	47498	48246	50133	48211	49755	51235	61544	105422
Monroe	38592	38909	34825	37745	40494	41305	39685	39693	36975	40327	40891	43080	57593
Montgomery	81093	91918	79964	86322	86815	94226	96112	95931	92565	96084	100084	96427	124521
Muscatine	343929	351399	327770	315836	308078	314817	315037	311192	300124	298433	302050	311067	345697
O'Brien	88853	92968	94776	93401	91591	90376	92417	92116	91689	94712	99289	104658	155797
Osceola	32923	33518	33462	33607	32971	33341	32263	33121	32683	33223	35323	39615	66088
Page	93509	92768	96411	97363	102677	100011	99586	96644	96896	101470	105717	125556	187321
Palo Alto	49477	58317	58695	53420	50992	49677	49030	45185	45069	46770	47933	58951	96542
Plymouth	140160	143163	145106	140570	135067	133979	135653	135481	134678	130948	130151	133901	179173
Pocahontas	36771	39464	40633	39259	39000	38959	39554	39757	41615	40618	41605	63395	95961
Polk	6061141	6003700	5757130	5721207	5641969	5509107	5370104	5148429	4999475	4932418	5025007	4136340	4402250
Pottawattamie	822906	802440	740387	711128	686293	642402	593280	575580	570877	571670	595324	556605	614915
Poweshiek	122965	121946	118552	123928	127516	118737	127250	176462	182200	181006	174991	157032	170174
Ringgold	20880	21048	20893	20514	20295	19808	21594	22484	23385	23354	23180	25655	43144
Sac	59575	58736	58902	58340	56053	55712	55934	55106	58461	58325	57744	71167	122175
Scott	1919044	1912446	1863541	1805328	1817208	1763293	1719940	1684426	1712113	1640120	1707475	1556265	1759341
Shelby	76035	75731	72819	73346	70143	70826	72512	72750	71274	74083	74518	87067	129510
Sioux	212185	210471	214402	204612	195653	193743	196021	188043	186273	182979	174131	178001	267551
Story	723039	700217	668220	620350	595841	599293	579444	576459	559149	563466	551491	515101	578951
Tama	81014	82914	86837	81483	82026	83026	82671	81198	82667	81994	84840	101613	159753
Taylor	21396	21136	20527	19924	19948	20525	20835	20556	20399	20576	20370	26373	47883
Union	108590	111140	127907	209014	104530	98720	96697	92097	91112	93522	87339	89682	125835
Van Buren	25084	23367	22350	23205	22146	22183	23929	21427	22809	20976	21778	24418	41521
Wapello	300815	302651	307741	297524	294721	282456	306355	296456	289093	289160	285823	272156	331696
Warren	179473	162622	143029	139437	141174	137760	134729	129218	128628	128346	119538	116710	146495
Washington	122656	123282	115929	118499	115628	115117	121056	120166	121418	123755	120185	139090	192114
Wayne	21005	21897	23637	25421	25702	24620	23553	23973	23461	24175	24216	28092	50262
Webster	467285	483211	435742	426229	429254	434586	418752	409531	408917	410013	435652	410423	553866
Winnebago	69104	69504	64242	65838	69055	69978	66481	64832	65320	67490	69442	77450	105624
Winneshiek	151551	148752	141041	140936	135169	135677	135331	134570	135285	135757	133950	122700	155660
Woodbury	1130618	1140765	1103088	1067468	1082708	1063128	1034891	990336	962771	951564	977041	939928	1103696
Worth	24361	24684	24763	23925	23893	23854	23710	22660	23443	23845	24315	32408	62339
Wright	83576	89321	85518	91579	90689	87643	87765	86020	86625	85667	85195	107099	161932
State of Iowa	27481175	27481175	26004834	25199953	25199953	24130985	23564606	22976162	22976162	22976162	22976162	22976162	22976162
	27586079	26385701	25695517	24685017	23752572	23803120	28566602						

Table 3. Estimated Dollars of Retail Sales (in \$1,000s) Gained or Lost (-) in Iowa's Counties, 1980, 1985, and 1990-2000*.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	-23145	-18744	-20381	-15818	-12924	-18500	-16580	-14552	-14264	-13531	-9859	-2272	-5069
Adams	-19523	-6429	-15146	-13352	-10721	-12538	-11305	-9314	-9901	-9426	-8551	-5174	-5909
Allamakee	-23269	-20709	-21962	-20750	-18300	-12547	-15732	-13141	-11495	5006	-67	3972	-6677
Appanoose	-21484	-20088	-18508	-18533	-20829	-18981	-16519	-9349	-8345	-6743	-8322	-4274	-4586
Audubon	-32978	-32066	-29081	-26099	-23657	-27835	-23291	-19544	-18305	-7487	-7825	-1125	-6601
Benton	-109310	-109443	-98985	-88615	-89194	-95621	-83531	-74756	-67990	-52613	-53177	-36149	-32541
Black Hawk	171117	205212	207342	157568	134015	176713	167251	157581	125060	-71095	-53782	-69043	29702
Boone	-94730	-93700	-81473	-78303	-70123	-64423	-61710	-54279	-50916	-53158	-52270	-42477	-31117
Bremer	-79808	-78814	-53825	-71664	-68266	-62310	-50581	-48981	-44091	-62795	-58932	-37876	-19158
Buchanan	-71032	-71260	-73252	-73518	-63837	-60440	-54196	-48428	-47400	-37425	-32680	-29252	-25522
Buena Vista	-20377	-926	-9762	-15428	-10466	-1361	1340	3296	3647	11206	6172	19889	10096
Butler	-78897	-83333	-82904	-82775	-77677	-60455	-56962	-52128	-51313	-40846	-34893	-24166	-32241
Calhoun	-58033	-58998	-55261	-52427	-47978	-44003	-38012	-34233	-33981	-30602	-25721	-12110	-9263
Carroll	11631	14228	25194	23737	19859	16577	19119	14313	11457	26440	25522	15913	21077
Cass	-5870	-8790	-11439	-8015	-8529	-16234	-11533	-8850	-4496	-8330	-11203	5025	-3421
Cedar	-104838	-100606	-86932	-83756	-79761	-61144	-61180	-60883	-61145	-38535	-44409	-32128	-26647
Cerro Gordo	139720	130817	123674	121456	107862	99156	80525	70159	69926	71948	63805	36590	23976
Cherokee	-28146	-23349	-21174	-25704	-20804	-16539	-13716	-13770	-13911	-11952	-16293	-2609	-907
Chickasaw	-40923	-45263	-43320	-35789	-35955	-35225	-32105	-29433	-27892	-18719	-20972	-9487	-3251
Clarke	-22721	-19518	-16263	-14502	-13803	-10513	-9300	-6594	-5405	-1222	-2948	1248	-4909
Clay	55688	38153	31491	27388	25961	1596	3285	2756	4000	17865	19454	11369	10869
Clayton	-45955	-46160	-49314	-43656	-41098	-54000	-52067	-46827	-43312	-37851	-41178	-18490	-5800
Clinton	-89516	-92555	-86932	-70827	-68324	-55779	-48630	-39760	-36769	-56130	-53346	-36892	-42037
Crawford	-43203	-39630	-39189	-35585	-28387	-20284	-19469	-16257	-12877	-5590	-11918	-8151	-5198
Dallas	-251166	-229883	-199688	-182396	-165293	-125475	-116250	-111536	-100357	-71110	-85109	-38784	-41158
Davis	-31324	-27798	-28483	-28349	-30585	-28375	-23668	-20084	-20069	-13564	-14858	-9164	-9540
Decatur	-25084	-21388	-21754	-23025	-20525	-23132	-14169	-17241	-17380	-19552	-20097	-11331	-6885
Delaware	-52498	-54147	-51854	-47722	-45088	-45752	-41753	-40576	-37473	-26339	-32508	-14718	-19186
Des Moines	64959	67146	44300	45260	31136	43297	48079	36020	39174	609	-7944	-5853	18734
Dickinson	45408	33857	33351	33271	31031	23877	15556	18181	11579	18993	21395	-7203	1910
Dubuque	129837	104169	74932	77851	85535	112847	77920	78491	60838	63831	55400	27657	15970
Emmet	-1488	-1395	-1706	-3568	-800	-8708	-5830	-5023	-3605	4430	5153	-4539	5207
Fayette	-42771	-45440	-37375	-36315	-30685	-24940	-23272	-19379	-17585	-16970	-21664	-6232	10184
Floyd	-44554	-41671	-32107	-32880	-36868	-44491	-33585	-24918	-23887	-18210	-21176	-8211	-22016
Franklin	-49830	-47286	-39723	-36208	-29938	-30091	-28023	-23791	-21950	-22408	-25111	-14520	-8359
Fremont	-11970	-13420	-19270	-19765	-14000	-21115	-14432	-12295	-15218	-20279	-27335	-12936	-14560
Greene	-32497	-29468	-24553	-24207	-19071	-16804	-11133	-10145	-13252	-19385	-20455	-12397	-16935
Grundy	-82207	-75618	-79452	-77218	-70571	-49749	-44696	-43865	-44319	-46447	-51131	-31854	-22394
Guthrie	-38087	-39139	-39871	-39513	-36410	-39532	-36684	-35144	-29876	-19402	-17598	-10190	-16753
Hamilton	-42357	-40310	-35528	-32850	-21741	-43639	-37042	-31381	-29162	-24111	-24149	-11972	517
Hancock	-63602	-61227	-55006	-49836	-41417	-35925	-36406	-33307	-33687	-31984	-36025	-16129	-8155
Hardin	-25017	-23749	-19101	-17748	-16527	-13865	-13770	-15586	-14191	-15702	-14878	7444	12491
Harrison	-84960	-81137	-83085	-80700	-73144	-45690	-42766	-32516	-32574	-24761	-29538	-14579	-19418
Henry	-73198	-51419	-60776	-62320	-51983	-32447	-29028	-12923	-13771	-19737	-13929	-4226	-8498
Howard	-22730	-20452	-22921	-23708	-19741	-18302	-15768	-14015	-12167	-11180	-14189	-6655	-8687
Humboldt	-27395	-25844	-25354	-26336	-22892	-33072	-27657	-21476	-22287	-13368	-13606	-7114	-2785
Ida	-28953	-28501	-22659	-21056	-20301	-19459	-16483	-15425	-12604	-6492	-5187	2359	-16693
Iowa	15120	20973	43090	30641	24636	38117	39585	32659	28761	1643	-2369	2049	17279
Jackson	-54641	-55146	-52977	-51187	-51793	-53426	-47072	-42954	-41344	-28725	-34946	-24889	-19464
Jasper	-130407	-139438	-125798	-111129	-114442	-95896	-91029	-68095	-51295	-36738	-35260	-17750	-30207

*The fiscal year for these data runs from 1 April through 31 March; thus, 2000 refers to the period from 1 April 1999 through 31 March 2000.

Table 3. Estimated Dollars of Retail Sales (in \$1,000s) Gained or Lost (-) in Iowa's Counties, 1980, 1985, and 1990-2000* (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	4861	-2120	-7675	-12049	-9063	-18652	-21962	-19891	-21879	-28529	-26232	-6187	-10915
Johnson	34546	48387	-94088	-87799	-101045	-94124	-115967	-117439	-117299	-79815	8397	-38476	-5817
Jones	-29521	-34668	-30745	-30436	-27713	-30780	-34540	-33013	-25030	-6637	-10009	-9462	694
Keokuk	-64508	-63638	-59687	-52736	-49609	-43906	-40623	-37903	-37264	-34496	-31350	-18151	-16283
Kossuth	-30634	-29538	-26610	-26918	-14725	-18045	-15652	-11408	-17584	-12582	-12412	6556	-2835
Lee	-28138	-8901	-29934	-16884	-14032	-1141	3690	-2961	-2471	-20062	-44137	-25656	2208
Linn	548433	643215	596717	486246	523077	424639	361854	260787	238006	231201	232796	176214	167571
Louisa	-96921	-91310	-83271	-76476	-69982	-65132	-62818	-53869	-54992	-51556	-46562	-33137	-18106
Lucas	-29917	-27844	-23025	-24435	-29546	-23770	-25210	-307	-1050	6715	-2649	-11032	-21143
Lyon	-42879	-44259	-39990	-41581	-36954	-33585	-29388	-27055	-25546	-12994	-13770	-10489	-8802
Madison	-51413	-50983	-53406	-50750	-46823	-47604	-47666	-44059	-41809	-23769	-18972	-20108	-24491
Mahaska	-40655	-29875	-25180	-25535	-23083	-14540	-4440	-2133	-2814	9456	970	4276	10629
Marion	-88252	-81380	-74911	-70522	-71540	-70778	-68601	-66564	-62849	-59546	-48769	-31164	-34852
Marshall	-25528	-15079	-26170	-22404	-9659	-21211	-5166	-18956	-21105	-26241	-31645	-30674	-6469
Mills	-79029	-79006	-79279	-73792	-66194	-60545	-54147	-48998	-47056	-37466	-34308	-30095	-35808
Mitchell	-36490	-37564	-31574	-29893	-25870	-33093	-30793	-26523	-25402	-18191	-20248	-8740	-2674
Monona	-43511	-43020	-40264	-36669	-34511	-29517	-25703	-20038	-19569	-10454	-12233	-4475	-13607
Monroe	-28886	-28173	-29423	-25107	-20151	-17620	-17379	-16264	-17033	-24722	-23429	-11486	-10649
Montgomery	-27649	-12942	-23236	-14650	-11918	-3864	189	4864	869	5661	3136	-5009	-11119
Muscatine	-56840	-51394	-64275	-68135	-77117	-56430	-49159	-42078	-42971	-67679	-68213	-35657	-27825
O'Brien	-26459	-22332	-19407	-22690	-18271	-29008	-25267	-22591	-20733	-10855	-6277	-3491	-2110
Osceola	-22331	-21617	-20600	-19989	-16919	-27079	-25688	-22020	-22141	-12887	-11929	-7356	1704
Page	-47313	-47874	-44553	-44153	-34721	-35950	-31067	-29348	-29680	-25024	-26780	-7643	-9288
Palo Alto	-36800	-26522	-24123	-30342	-27445	-30512	-26216	-26889	-28282	-22452	-21664	-15777	-12945
Plymouth	-86819	-78504	-74282	-80089	-78050	-70373	-58888	-48774	-44529	-24297	-32961	-16540	-15795
Pocahontas	-39411	-35867	-32522	-33189	-28126	-35488	-31952	-27659	-26651	-28261	-29104	-10319	-9463
Polk	1788375	1849590	1715529	1750288	1626802	1488775	1389948	1220501	1193204	1264185	1303485	771450	507587
Pottawattamie	37494	28261	10614	-6480	-31778	-48741	-76669	-81114	-82272	-138985	-136713	-92419	-80295
Poweshiek	-46415	-45103	-46887	-39786	-34603	-45952	-35961	11124	16040	19700	18147	9590	-27195
Ringgold	-16652	-14653	-14452	-14487	-11969	-15358	-13463	-11439	-10527	-4755	-5162	-4309	-7327
Sac	-47583	-50398	-48086	-44355	-41218	-47899	-42033	-38489	-33597	-15383	-15187	-7977	-13116
Scott	396423	376956	350471	298007	289873	328049	311845	276382	309211	157789	135698	39710	50344
Shelby	-36469	-35985	-35354	-36000	-33820	-32271	-28731	-25638	-23824	-15251	-19517	-9733	78
Sioux	-43009	-44801	-32877	-40137	-45301	-36042	-27234	-25321	-19493	-1396	-16376	-4263	5977
Story	-11307	10150	-9194	-54030	-72170	-70120	-74943	-51007	-45753	-79909	-61208	-62728	-47321
Tama	-82468	-76778	-72808	-74282	-67767	-48935	-45203	-44648	-44832	-37348	-27908	-17831	-24845
Taylor	-29633	-30670	-29701	-27563	-25564	-24134	-21749	-20242	-20812	-18696	-19848	-12610	-9151
Union	12168	13325	32575	111880	13574	3989	1813	856	-677	-8128	-10999	-7015	945
Van Buren	-38517	-39422	-36606	-33175	-31297	-27508	-24029	-24367	-22078	-19129	-19056	-12652	-14809
Wapello	20788	19289	24010	11461	6701	5980	34671	27083	14612	5186	2214	-18884	-21445
Warren	-218485	-224163	-228696	-218424	-207219	-191278	-181626	-174189	-155131	-134284	-147581	-108183	-67418
Washington	-59916	-58195	-57672	-52432	-50657	-40403	-32561	-30474	-24776	-17756	-21331	-5880	-2013
Wayne	-26258	-24239	-22123	-19484	-16599	-20603	-20517	-18482	-19035	-13562	-11413	-8863	-13210
Webster	114556	130173	92880	86269	89382	79461	67468	67028	68676	84414	93413	52565	56277
Winnebago	-18861	-18452	-22877	-18814	-11949	-18071	-17879	-18013	-18574	-33716	-31564	-20066	-12714
Winneshiek	-25023	-27312	-25448	-26094	-28519	-19877	-18125	-15476	-14429	-7811	-13586	-19082	-23194
Woodbury	89722	107939	83531	78690	100468	151648	129791	104766	101016	135693	145984	112356	28153
Worth	-39831	-39017	-37381	-37099	-33083	-35131	-31817	-30177	-28838	-33338	-34424	-21372	-13334
Wright	-28845	-22375	-23627	-14790	-10790	-25683	-19249	-17438	-18656	-43109	-48892	-26812	-18968

Table 4. Adjusted Estimated Dollars of Retail Sales (2000 dollars in \$1,000s) Gained or Lost (-) in Iowa's Counties, 1980, 1985, and 1990-2000*.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	-23145	-19241	-21228	-16770	-14111	-20756	-19101	-17205	-17371	-17047	-13072	-3590	-11043
Adams	-19523	-6600	-15776	-14155	-11706	-14067	-13024	-11012	-12058	-11875	-11337	-8175	-12873
Allamakee	-23269	-21259	-22875	-21998	-19981	-14077	-18124	-15537	-13999	6307	-89	6276	-14546
Appanoose	-21484	-20621	-19277	-19648	-22742	-21295	-19030	-11053	-10163	-8495	-11034	-6753	-9991
Audubon	-32978	-32917	-30290	-27669	-25830	-31229	-26832	-23107	-22293	-9433	-10375	-1777	-14381
Benton	-109310	-112348	-103099	-93947	-97386	-107280	-96230	-88385	-82801	-66285	-70504	-57114	-70894
Black Hawk	171117	210658	215960	167049	146324	198260	192678	186310	152304	-89570	-71307	-109085	64709
Boone	-94730	-96187	-84859	-83014	-76564	-72278	-71092	-64175	-62008	-66972	-69302	-67112	-67791
Bremer	-79808	-80906	-56062	-75976	-74536	-69908	-58271	-57911	-53696	-79113	-78135	-59843	-41737
Buchanan	-71032	-73151	-76297	-77941	-69700	-67810	-62435	-57257	-57726	-47150	-43329	-46217	-55602
Buena Vista	-20377	-951	-10168	-16356	-11427	-1527	1544	3897	4441	14118	8183	31424	21995
Butler	-78897	-85545	-86350	-87755	-84811	-67826	-65622	-61632	-62491	-51460	-46263	-38181	-70240
Calhoun	-58033	-60564	-57558	-55581	-52385	-49368	-43791	-40474	-41384	-38554	-34102	-19133	-20180
Carroll	11631	14606	26241	25165	21683	18598	22026	16922	13953	33311	33838	25142	45918
Cass	-5870	-9023	-11914	-8497	-9312	-18213	-13286	-10463	-5475	-10495	-14853	7939	-7453
Cedar	-104838	-103276	-90545	-88795	-87087	-68599	-70481	-71983	-74465	-48549	-58879	-50761	-58053
Cerro Gordo	139720	134289	128814	128764	117769	111246	92767	82950	85159	90644	84596	57811	52234
Cherokee	-28146	-23969	-22054	-27251	-22715	-18556	-15801	-16280	-16941	-15058	-21602	-4122	-1976
Chickasaw	-40923	-46464	-45121	-37942	-39257	-39520	-36986	-34799	-33968	-23583	-27806	-14989	-7083
Clarke	-22721	-20036	-16939	-15375	-15071	-11795	-10714	-7796	-6582	-1540	-3909	1972	-10695
Clay	55688	39166	32800	29036	28345	1791	3784	3258	4871	22507	25793	17963	23679
Clayton	-45955	-47385	-51364	-46283	-44873	-60584	-59983	-55364	-52747	-47687	-54596	-29214	-12636
Clinton	-89516	-95011	-90545	-75089	-74599	-62580	-56023	-47009	-44779	-70716	-70729	-58288	-91582
Crawford	-43203	-40682	-40818	-37726	-30994	-22757	-22429	-19221	-15682	-7043	-15801	-12878	-11324
Dallas	-251166	-235984	-207988	-193371	-180475	-140774	-133923	-131870	-122220	-89589	-112841	-61277	-89667
Davis	-31324	-28536	-29667	-30055	-33394	-31835	-27266	-23746	-24441	-17089	-19699	-14479	-20784
Decatur	-25084	-21956	-22658	-24410	-22410	-25953	-16323	-20384	-21166	-24633	-26646	-17903	-15000
Delaware	-52498	-55584	-54009	-50593	-49229	-51331	-48101	-47973	-45636	-33183	-43101	-23254	-41798
Des Moines	64959	68928	46141	47983	33996	48576	55388	42587	47708	767	-10533	-9248	40814
Dickinson	45408	34756	34737	35273	33881	26788	17921	21496	14101	23929	28366	-11380	4161
Dubuque	129837	106934	78047	82535	93391	126607	89766	92801	74091	80418	73452	43697	34792
Emmet	-1488	-1432	-1777	-3783	-873	-9770	-6716	-5939	-4390	5581	6832	-7171	11344
Fayette	-42771	-46646	-38928	-38500	-33503	-27981	-26810	-22912	-21416	-21380	-28723	-9846	22187
Floyd	-44554	-42777	-33442	-34858	-40254	-49916	-38691	-29461	-29091	-22942	-28076	-12973	-47964
Franklin	-49830	-48541	-41374	-38387	-32688	-33760	-32283	-28128	-26732	-28231	-33293	-22941	-18211
Fremont	-11970	-13776	-20071	-20954	-15286	-23690	-16626	-14537	-18533	-25549	-36242	-20438	-31720
Greene	-32497	-30250	-25574	-25664	-20823	-18853	-12826	-11995	-16139	-24422	-27120	-19587	-36894
Grundy	-82207	-77625	-82754	-81864	-77053	-55815	-51491	-51862	-53974	-58517	-67792	-50328	-48787
Guthrie	-38087	-40178	-41528	-41890	-39754	-44352	-42261	-41551	-36384	-24444	-23332	-16100	-36498
Hamilton	-42357	-41380	-37005	-34827	-23738	-48960	-42673	-37102	-35515	-30377	-32018	-18915	1126
Hancock	-63602	-62852	-57292	-52835	-45221	-40305	-41941	-39379	-41026	-40295	-47764	-25483	-17766
Hardin	-25017	-24379	-19895	-18816	-18045	-15556	-15863	-18428	-17282	-19782	-19726	11761	27213
Harrison	-84960	-83290	-86538	-85556	-79862	-51261	-49268	-38444	-39670	-31195	-39163	-23034	-42304
Henry	-73198	-52784	-63302	-66070	-56757	-36403	-33441	-15279	-16771	-24866	-18468	-6677	-18514
Howard	-22730	-20995	-23874	-25134	-21554	-20534	-18165	-16570	-14818	-14085	-18812	-10515	-18925
Humboldt	-27395	-26530	-26408	-27921	-24995	-37105	-31862	-25391	-27142	-16842	-18039	-11240	-6067
Ida	-28953	-29257	-23601	-22323	-22166	-21832	-18989	-18237	-15350	-8179	-6877	3727	-36367
Iowa	15120	21530	44881	32485	26899	42765	45603	38613	35027	2070	-3141	3237	37644
Jackson	-54641	-56610	-55179	-54267	-56550	-59940	-54228	-50785	-50351	-36190	-46333	-39324	-42404
Jasper	-130407	-143139	-131027	-117815	-124953	-107589	-104868	-80509	-62469	-46285	-46749	-28044	-65809

*The fiscal year for these data runs from 1 April through 31 March; thus, 2000 refers to the period from 1 April 1999 through 31 March 2000.

Table 4. Adjusted Estimated Dollars of Retail Sales (2000 dollars in \$1,000s) Gained or Lost (-) in Iowa's Counties, 1980, 1985, and 1990-2000* (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	4861	-2176	-7994	-12774	-9895	-20926	-25301	-23517	-26645	-35943	-34780	-9775	-23779
Johnson	34546	49671	-97999	-93082	-110326	-105601	-133597	-138849	-142852	-100556	11133	-60791	-12673
Jones	-29521	-35588	-32023	-32267	-30258	-34533	-39791	-39032	-30483	-8362	-13270	-14950	1512
Keokuk	-64508	-65327	-62168	-55909	-54165	-49260	-46799	-44813	-45382	-43460	-41565	-28678	-35474
Kossuth	-30634	-30322	-27716	-28538	-16077	-20245	-18032	-13488	-21415	-15852	-16456	10358	-6176
Lee	-28138	-9137	-31178	-17900	-15321	-1280	4251	-3501	-3009	-25275	-58519	-40536	4810
Linn	548433	660285	621519	515503	571120	476416	416867	308331	289855	291281	308651	278412	365069
Louisa	-96921	-93733	-86732	-81077	-76410	-73074	-72368	-63690	-66972	-64953	-61734	-52355	-39446
Lucas	-29917	-28583	-23982	-25905	-32260	-26668	-29043	-363	-1279	8460	-3512	-17430	-46062
Lyon	-42879	-45434	-41652	-44083	-40348	-37680	-33856	-31987	-31111	-16371	-18257	-16572	-19176
Madison	-51413	-52336	-55626	-53804	-51124	-53408	-54913	-52091	-50917	-29946	-25154	-31770	-53356
Mahaska	-40655	-30668	-26227	-27071	-25203	-16313	-5115	-2522	-3427	11913	1286	6756	23156
Marion	-88252	-83540	-78025	-74765	-78111	-79408	-79030	-78699	-76541	-75020	-64660	-49238	-75928
Marshall	-25528	-15479	-27258	-23752	-10546	-23797	-5951	-22412	-25703	-33060	-41956	-48464	-14093
Mills	-79029	-81103	-82574	-78232	-72274	-67927	-62379	-57931	-57307	-47202	-45487	-47549	-78011
Mitchell	-36490	-38561	-32886	-31692	-28246	-37128	-35474	-31358	-30936	-22918	-26846	-13809	-5826
Monona	-43511	-44162	-41938	-38875	-37681	-33116	-29611	-23691	-23832	-13171	-16219	-7070	-29644
Monroe	-28886	-28921	-30646	-26618	-22002	-19768	-20021	-19229	-20744	-31146	-31063	-18147	-23200
Montgomery	-27649	-13285	-24202	-15531	-13013	-4335	218	5751	1058	7132	4158	-7914	-24224
Muscatine	-56840	-52758	-66947	-72235	-84200	-63311	-56633	-49749	-52332	-85266	-90440	-56337	-60619
O'Brien	-26459	-22925	-20214	-24055	-19949	-32545	-29108	-26710	-25250	-13676	-8322	-5516	-4597
Osceola	-22331	-22191	-21456	-21192	-18473	-30381	-29593	-26034	-26964	-16236	-15816	-11622	3712
Page	-47313	-49145	-46405	-46810	-37910	-40333	-35790	-34698	-36146	-31527	-35506	-12076	-20235
Palo Alto	-36800	-27226	-25126	-32168	-29966	-34232	-30202	-31791	-34443	-28286	-28723	-24927	-28202
Plymouth	-86819	-80587	-77370	-84908	-85219	-78954	-67841	-57666	-54230	-30611	-43701	-26133	-34411
Pocahontas	-39411	-36819	-33874	-35186	-30709	-39815	-36810	-32702	-32457	-35605	-38587	-16304	-20616
Polk	1788375	1898676	1786835	1855600	1776218	1670303	1601261	1443012	1453141	1592698	1728219	1218862	1105826
Pottawattamie	37494	29011	11055	-6870	-34697	-54684	-88325	-95902	-100195	-175102	-181260	-146019	-174930
Poweshiek	-46415	-46300	-48836	-42180	-37781	-51555	-41428	13152	19534	24819	24060	15152	-59247
Ringgold	-16652	-15042	-15053	-15359	-13068	-17231	-15510	-13524	-12820	-5991	-6844	-6808	-15963
Sac	-47583	-51736	-50085	-47024	-45004	-53739	-48423	-45506	-40916	-19380	-20136	-12603	-28574
Scott	396423	386960	365038	315938	316497	368048	359255	326770	376572	198792	179915	62740	109679
Shelby	-36469	-36940	-36823	-38166	-36926	-36206	-33099	-30312	-29014	-19214	-25877	-15378	170
Sioux	-43009	-45990	-34244	-42552	-49462	-40437	-31374	-29937	-23740	-1759	-21712	-6735	13021
Story	-11307	10419	-9576	-57281	-78799	-78670	-86337	-60306	-55720	-100674	-81152	-99108	-103093
Tama	-82468	-78816	-75834	-78751	-73991	-54902	-52075	-52788	-54599	-47053	-37002	-28172	-54127
Taylor	-29633	-31484	-30936	-29221	-27912	-27077	-25055	-23932	-25346	-23554	-26315	-19923	-19936
Union	12168	13679	33929	118612	14821	4475	2089	1012	-824	-10240	-14583	-11083	2059
Van Buren	-38517	-40468	-38128	-35171	-34172	-30862	-27682	-28809	-26888	-24100	-25265	-19990	-32263
Wapello	20788	19801	25008	12151	7316	6709	39942	32021	17795	6534	2935	-29836	-46720
Warren	-218485	-230112	-238202	-231566	-226251	-214601	-209239	-205946	-188926	-169179	-195670	-170925	-146876
Washington	-59916	-59739	-60069	-55587	-55310	-45329	-37511	-36030	-30173	-22370	-28282	-9290	-4386
Wayne	-26258	-24882	-23043	-20656	-18124	-23115	-23636	-21851	-23182	-17086	-15132	-14003	-28779
Webster	114556	133628	96741	91460	97591	89150	77725	79248	83637	106350	123851	83051	122605
Winnebago	-18861	-18942	-23828	-19946	-13046	-20274	-20597	-21297	-22620	-42477	-41849	-31704	-27699
Winneshiek	-25023	-28037	-26506	-27664	-31138	-22301	-20881	-18297	-17572	-9841	-18013	-30149	-50530
Woodbury	89722	110804	87003	83425	109696	170139	149523	123866	123022	170954	193552	177518	61334
Worth	-39831	-40052	-38935	-39331	-36122	-39415	-36654	-35679	-35120	-42001	-45641	-33767	-29049
Wright	-28845	-22969	-24609	-15680	-11781	-28815	-22175	-20617	-22720	-54311	-64823	-42362	-41324

greater than what the state average suggests, then that county has gained sales from residents of other counties. If the county's actual sales are less than the figure resulting from multiplying the state's average by the local population, then sales have been lost from that county to others. Because these calculations are based on population estimates for non-decennial census years, caution must be exercised in interpreting them.

Sales above what would be expected from the state average occurred in 18 counties in 2000 (Table 3, Figure 3). These counties were serving residents substantially in excess of those living within their own boundaries. These additional sales ranged from less than \$50 million in eight counties to \$1.8 billion in Polk. Six other counties (Black Hawk, Cerro Gordo, Dubuque, Linn, Scott, Webster) had figures at least \$100 million above those expected when population is factored into the calculations.

The remaining 81 counties had sales that were lower than their population bases would suggest. Fourteen lost sales of less than \$25 million and 26 were down at least \$50 million in expected sales. Benton, Cedar, Dallas, Jasper, and Warren counties had sales at least \$100 million less than expected. Counties with relatively high leakage of retail sales generally are near major metropolitan centers that most likely captured many of those dollars.

Relatively few counties have been above the state average in previous years as well. In 1990, for example, 17 counties were in that category while retail sales in the other 82 were below what would be expected based on their populations. Only seven counties had sales at least \$50 million above expectations in 1990; 11 counties were at least \$50 million lower than anticipated.

When controlled for inflation, the gain/loss figures based on county population indicate relative change across the period. For example, 64 counties had greater leakage in 2000 than in 1990 after controlling for the effects of inflation (Table 4). Another five counties with gains in 1990 had losses in 2000 (Buena Vista, Emmet, Mahaska, Montgomery, Poweshiek). Carroll, Webster, and Woodbury reported gains at both times, although those for 2000 were smaller than the adjusted amounts reported for 1990. Thus, 72 counties did not improve their positions when adjusted retail sales figures for 1990 and 2000 were compared.

The remaining 27 counties noted relative improvement in retail sales between 1990 and 2000 after inflation was included. Twelve counties with losses both times nonetheless had lower leakage in 2000 than in 1990. Black Hawk, Des Moines, Iowa, Jefferson, Pottawattamie, and Union, each of which had leakage in 1990, reported gains in 2000. The remaining nine counties (Cerro Gordo, Clay, Dickinson, Dubuque, Johnson, Linn, Polk, Scott, Wapello) had retail sales in excess of what would be expected on the basis of population both years, although they were higher in 2000 than in 1990 even after inflation was taken into account.

Results were similar over a longer period. When retail sales for 1980 were adjusted for inflation compared with those for 2000, 55 counties had losses at both points but the loss was greater in 2000 than in 1980. Eleven others moved from gain to loss, while three gained both times but by less in 2000 than in 1980. Thus, 69 counties moved in a negative direction after inflation was taken into account. Of the remaining 30 counties, 11 gained but by a greater amount in 2000 than in 1980 while four changed from loss to gain; another 15 lost less in 2000 than in 1980, thus improving their positions from the beginning to the end of this period.

Figure 1. Change in retail sales (unadjusted for inflation), 1990 to 2000.

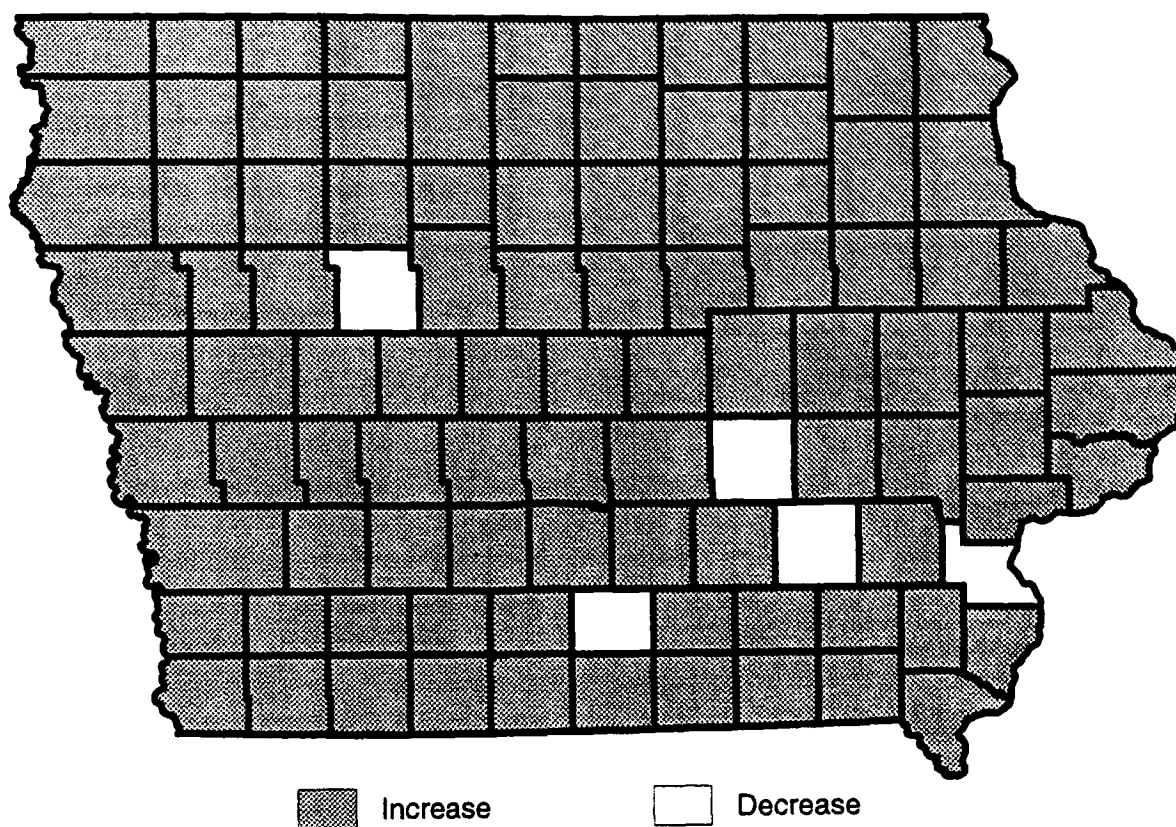


Figure 2. Change in retail sales (adjusted for inflation), 1990 to 2000.

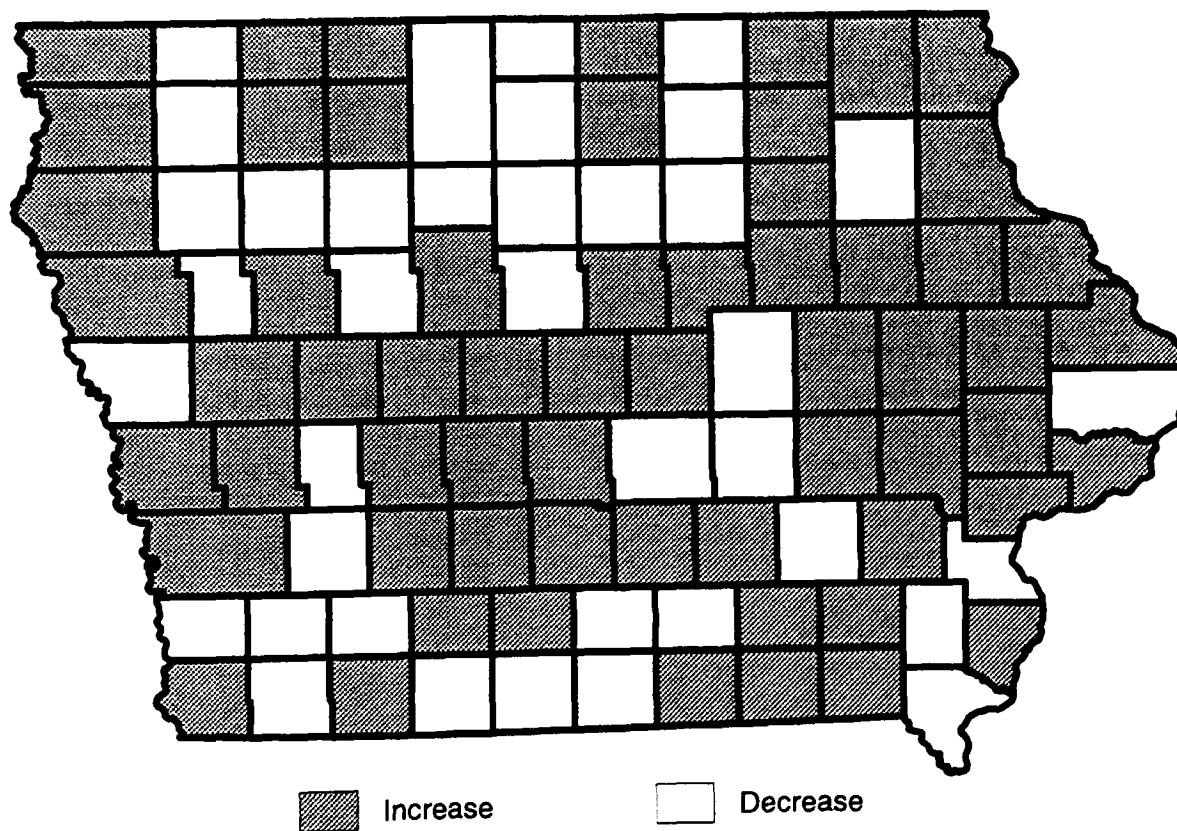
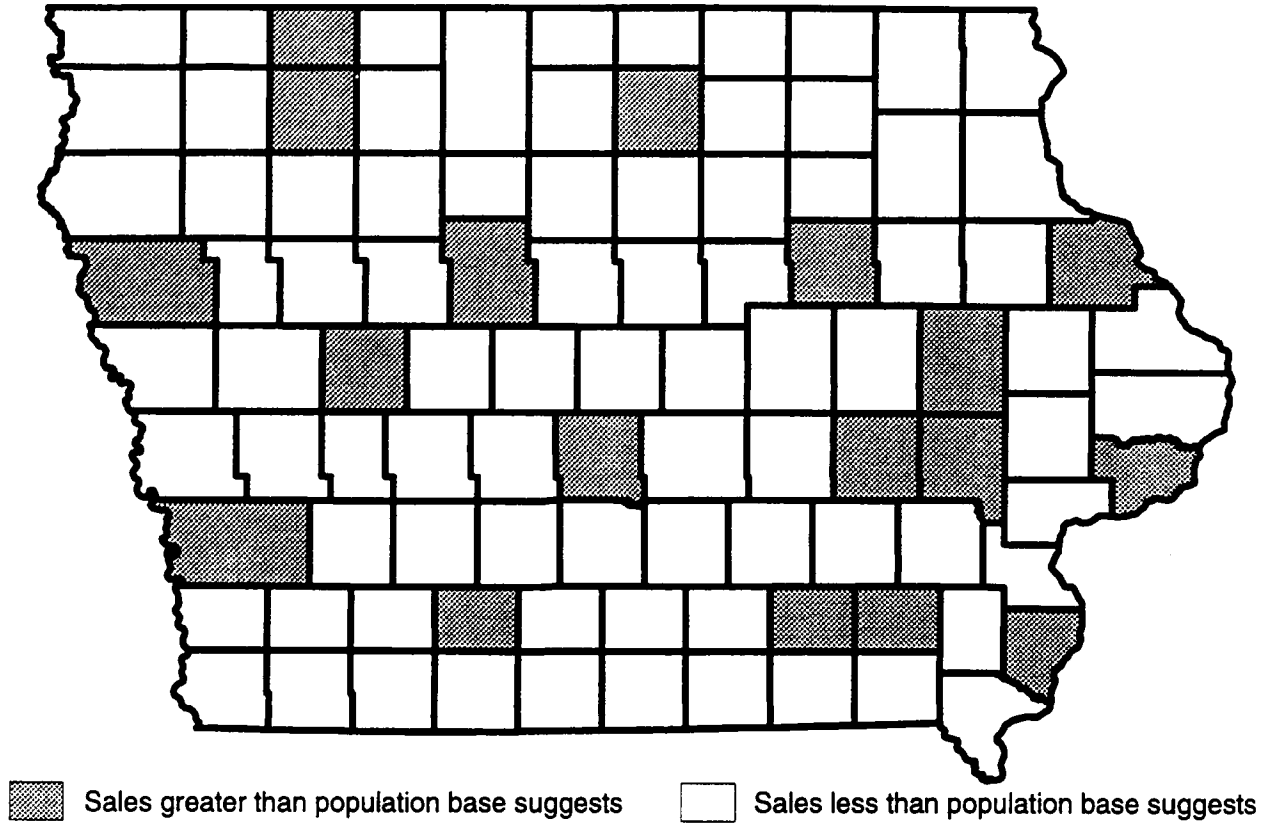


Figure 3. Retail sales compared with population base, 2000.



Reported Building Permits and Valuations for New Residential Construction in Iowa's Counties: 1990-2000

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Beth Henning, State Library of Iowa

Permits covering construction of new residential housing units are obtained from municipal or county offices. Such permits include single-family houses, duplexes, and other types of multi-family dwellings. The information that follows was submitted by those local officials to the Building Permits Branch of the Manufacturing and Construction Division of the U.S. Bureau of the Census. Because counties vary in their reporting methods, especially concerning unincorporated areas, some new residential construction may not be included in the figures in Table 1.

In 2000, 8,866 building permits were reported for new residential construction in Iowa (Table 1). Polk was the only county to report more than 1,000 such permits. The five counties issuing at least 300 permits (Johnson, Linn, Polk, Pottawattamie, Scott) accounted for half (49.8%) of the state's total. Twenty counties issued at least one but no more than nine permits in 2000; Davis and Pocahontas did not grant any.

When 1990 and 2000 were compared, 3,400 more permits were issued in the more recent year. That trend occurred in 82 counties, while 12 others had more permits in 1990 than in 2000; five noted the same number granted in the first and last years listed in Table 1. Although permits increased between most years in the 1990s, they decreased by more than 1,000 from 1999 to 2000.

Nearly 94 percent of the new residential construction permits issued in 2000 were for single-family houses. Johnson, Linn, Polk, and Scott were the only counties with more than 400 permits of this type. Twelve others issued at least 100 permits for single-family houses; Adams, Allamakee, Audubon, Lucas, Osceola, Ringgold, and Wayne each reported fewer than five while Davis and Ringgold had none. In the state, 3,100 more single-family housing permits were granted in 2000 than in 1990; 84 counties had the same pattern of more permits issued at the end of the period than at the beginning.

Valuations cited on building permits represent the cost of construction excluding the costs of on- and off-site development and the cost of heat, plumbing, and electrical installations. Dividing the total valuation of single-family houses by the total number of such permits issued results in an average (mean) value. Statewide, newly constructed single-family houses averaged \$130,000 in 2000 and increased between most years in the 1990s (Table 2, Figure 1). A third (33) of the 99 counties exceeded the figure for the state in the most recent year, seven of which had average values greater than \$150,000. Caution is urged in examining the average values; inclusion of one or two relatively expensive homes could skew the average in counties with small numbers of newly constructed units.

Table 1. Reported Building Permits for New Residential Construction in Iowa's Counties, 1990-2000.

County	Total Residential Permits Reported											Number of Single-Family Unit Permits Reported										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Adair	28	14	11	11	12	18	6	9	4	4	8	25	14	9	10	9	18	6	9	4	4	8
Adams	2	4	3	4	3	1	3	2	0	0	1	2	4	2	4	2	1	3	2	0	0	1
Allamakee	3	56	5	32	19	17	28	27	41	18	15	2	51	5	29	18	17	27	27	41	18	15
Appanoose	16	15	9	9	7	9	8	6	8	6	2	16	15	9	9	6	9	8	6	8	6	2
Audubon	2	5	7	10	10	5	2	2	2	3	0	2	5	6	10	10	5	2	2	2	3	0
Benton	88	98	120	102	98	92	90	42	26	27	18	85	96	118	97	95	87	85	39	26	27	18
Black Hawk	257	193	192	156	158	141	175	155	163	181	136	245	187	171	147	142	135	164	135	153	178	131
Boone	99	97	102	96	87	55	49	38	25	26	23	96	94	90	85	79	49	46	23	22	23	21
Bremer	114	79	54	53	74	66	61	48	68	47	56	110	78	51	48	70	66	58	48	65	44	56
Buchanan	39	38	16	21	17	20	27	19	27	19	15	38	34	15	18	17	19	23	18	25	19	14
Buena Vista	21	15	19	27	18	21	20	22	32	19	27	20	13	17	23	13	18	19	22	31	18	24
Butler	20	31	24	23	15	21	29	13	22	21	9	20	29	24	23	15	21	29	13	18	20	9
Calhoun	11	14	7	10	4	16	18	20	17	9	18	11	14	7	10	4	13	18	20	15	9	18
Carroll	41	74	75	93	78	63	66	74	61	37	48	41	66	71	89	77	61	61	71	54	27	45
Cass	31	11	19	13	32	18	12	10	5	13	17	31	11	17	11	31	16	11	8	4	13	17
Cedar	69	47	45	43	60	47	38	27	33	38	12	66	45	45	42	46	47	37	26	29	38	12
Cerro Gordo	63	62	105	100	83	64	93	63	80	64	80	56	60	99	95	74	64	88	59	75	64	79
Cherokee	16	8	29	16	13	32	10	15	16	12	7	16	7	28	16	13	31	10	13	15	12	7
Chickasaw	7	19	20	18	27	27	22	21	38	19	4	5	18	19	17	25	27	20	21	32	19	4
Clarke	20	25	27	20	25	0	0	8	2	6	8	20	25	22	20	22	0	0	5	2	6	7
Clay	45	35	35	25	21	28	33	21	21	17	19	45	33	34	24	20	27	32	20	21	17	18
Clayton	55	49	44	27	46	35	42	38	21	31	26	45	49	41	27	46	31	40	37	20	29	26
Clinton	105	108	91	78	103	75	78	83	79	55	59	104	104	90	74	97	70	77	82	77	54	58
Crawford	29	32	15	15	23	14	10	16	15	11	3	24	30	13	13	23	13	10	16	13	11	3
Dallas	252	341	222	168	161	125	138	201	252	132	114	241	333	216	157	150	122	124	194	237	130	114
Davis	0	5	8	5	2	1	12	4	8	6	2	0	5	8	4	2	1	7	4	8	6	2
Decatur	8	20	12	11	8	7	9	5	7	2	4	7	20	11	11	8	7	9	5	7	2	4
Delaware	16	12	19	15	28	27	39	25	25	32	25	16	10	18	13	26	26	25	25	25	29	18
Des Moines	40	39	31	41	53	45	73	39	37	26	30	35	32	27	39	42	45	59	39	32	24	29
Dickinson	119	148	100	91	148	88	89	115	118	75	75	110	144	93	87	143	84	81	102	99	72	72
Dubuque	287	296	290	227	261	335	310	341	367	266	266	262	286	277	219	250	309	282	301	344	257	247
Emmet	20	12	12	10	12	20	15	13	7	4	2	18	12	11	8	12	19	14	11	6	4	2
Fayette	27	28	21	21	12	21	21	14	15	9	14	25	26	17	20	11	19	21	11	15	9	14
Floyd	9	25	36	26	34	35	14	9	13	13	9	9	21	33	25	31	35	14	8	12	13	8
Franklin	8	6	13	5	9	9	6	4	5	6	1	8	6	13	5	4	9	6	4	5	5	0
Fremont	22	9	17	7	12	5	6	3	2	3	2	22	9	17	7	12	5	6	2	2	3	2
Greene	15	18	17	26	27	50	28	15	15	42	6	15	17	17	26	27	50	28	15	12	42	6
Grundy	31	18	26	12	19	21	13	18	13	9	8	30	16	26	12	15	20	13	17	13	9	7
Guthrie	59	50	33	49	49	35	29	15	47	36	20	59	48	32	48	49	34	29	15	46	36	20
Hamilton	34	23	37	24	21	18	20	9	9	8	6	33	21	33	21	20	15	16	8	9	7	5
Hancock	29	24	18	16	73	12	21	7	13	10	7	28	24	18	14	73	12	19	7	13	9	5
Hardin	7	19	30	17	31	20	22	21	11	5	7	7	17	29	17	31	18	20	19	10	5	7
Harrison	69	87	70	50	66	56	76	35	22	25	10	68	87	70	48	66	55	75	32	22	25	8
Henry	53	68	70	37	60	46	69	47	44	42	53	51	65	64	21	52	45	60	41	40	32	47
Howard	16	11	17	13	13	8	25	13	5	13	10	16	10	17	13	10	8	25	10	5	13	10
Humboldt	19	24	20	23	14	12	14	8	12	9	10	17	23	20	21	14	12	14	8	11	9	9
Ida	8	4	4	5	3	3	12	18	9	5	7	8	4	4	5	3	2	12	18	9	5	5
Iowa	25	27	15	14	24	15	20	17	20	17	8	24	22	13	13	22	12	17	14	12	12	7
Jackson	52	64	44	42	57	50	64	47	46	33	16	49	63	43	41	55	47	64	47	45	32	14
Jasper	65	95	106	102	86	65	103	69	68	33	53	64	85	97	82	85	47	90	61	63	31	41

Table 1. Reported Building Permits for New Residential Construction in Iowa's Counties, 1990-2000 (continued).

County	Total Residential Permits Reported											Number of Single-Family Unit Permits Reported										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Jefferson	9	58	36	20	19	21	25	30	26	18	8	6	36	27	19	19	16	24	29	20	16	7
Johnson	567	681	595	487	503	506	715	696	595	473	405	499	630	552	432	435	460	640	652	555	445	374
Jones	32	22	23	33	28	17	18	28	26	16	12	29	22	20	30	23	16	15	26	20	16	12
Keokuk	13	14	4	8	11	16	12	6	6	6	3	13	14	4	8	9	16	12	6	6	6	3
Kossuth	10	17	21	18	17	16	19	16	9	11	5	9	16	21	18	17	16	17	15	9	10	5
Lee	17	20	29	21	20	30	24	25	25	15	12	14	16	19	21	18	30	24	23	20	15	11
Linn	955	1002	897	737	766	731	815	850	821	590	533	835	857	811	676	698	645	734	804	737	531	499
Louisa	17	34	11	11	17	12	9	8	23	12	17	17	32	8	10	17	12	8	8	23	11	11
Lucas	1	5	5	1	3	3	2	1	3	1	3	1	3	4	1	3	3	2	1	3	1	3
Lyon	17	34	23	30	19	28	41	30	16	13	9	17	34	23	30	18	27	40	29	15	13	8
Madison	96	127	90	73	40	34	82	58	40	42	18	92	125	88	72	38	30	71	57	38	37	15
Mahaska	31	32	28	33	34	27	29	38	30	28	21	30	29	22	26	32	22	20	33	30	28	21
Marion	195	181	149	129	136	103	115	125	67	57	35	188	161	145	124	121	101	103	110	60	50	29
Marshall	53	61	59	61	39	47	36	59	48	40	37	45	54	55	55	37	41	30	50	44	39	37
Mills	15	16	18	24	17	18	47	10	26	19	6	11	15	17	24	15	16	47	10	25	19	6
Mitchell	6	10	13	12	17	21	14	11	15	15	10	6	10	12	12	15	20	13	10	12	14	9
Monona	35	33	35	60	15	21	28	12	23	13	8	32	29	26	58	15	21	26	12	22	13	8
Monroe	5	20	10	12	13	14	11	8	21	12	5	5	20	10	12	13	14	11	8	21	12	5
Montgomery	9	14	17	17	13	7	12	17	25	11	7	9	14	17	16	13	6	10	16	23	11	7
Muscatine	110	104	116	105	112	107	104	95	103	72	72	110	92	110	105	103	106	103	94	101	72	72
O'Brien	26	15	25	21	25	20	23	28	26	21	14	23	14	19	18	22	13	23	27	25	20	10
Osceola	4	9	11	8	10	7	14	7	8	11	2	4	8	11	8	10	7	14	7	4	10	1
Page	21	9	21	10	22	41	21	13	11	11	8	20	9	17	9	21	39	21	13	10	11	6
Palo Alto	15	13	11	12	15	9	10	0	7	3	4	14	12	10	12	12	9	10	0	7	3	4
Plymouth	94	98	116	110	111	69	105	118	93	81	72	91	96	110	105	110	67	99	115	92	77	69
Pocahontas	0	32	3	6	5	4	8	5	6	1	3	0	32	3	5	4	4	8	5	6	1	3
Polk	2077	2554	2514	1778	2061	1893	2051	1917	1909	1618	1479	2005	2513	2465	1745	2002	1804	1951	1878	1838	1586	1420
Pottawattamie	329	338	311	281	300	238	206	170	148	117	124	295	333	288	268	286	204	199	156	140	110	114
Poweshiek	46	69	50	45	50	39	47	42	27	35	41	43	62	42	37	40	38	43	33	22	34	38
Ringgold	3	0	6	6	3	7	6	4	3	1	2	3	0	6	6	3	7	6	4	3	1	2
Sac	14	11	10	8	14	8	8	11	6	2	0	14	8	8	7	13	6	5	11	5	2	0
Scott	490	619	564	515	482	395	418	589	493	473	439	473	606	546	483	446	374	418	580	491	472	439
Shelby	27	29	8	11	12	8	20	23	11	18	11	27	29	8	11	12	8	20	23	11	18	11
Sioux	77	63	68	92	84	101	96	80	80	75	72	73	57	65	92	80	101	94	77	77	70	69
Story	280	340	363	322	263	246	304	278	265	182	142	245	293	324	276	243	224	285	254	241	163	133
Tama	41	30	28	18	22	22	29	34	25	19	15	38	28	26	16	22	19	27	32	21	18	11
Taylor	7	4	6	5	6	7	2	0	4	3	1	7	4	5	5	5	7	2	0	4	1	1
Union	17	4	11	3	12	11	8	4	4	12	2	17	4	11	3	6	11	8	4	4	6	2
Van Buren	6	7	5	6	7	7	5	4	4	5	11	6	6	5	6	4	7	4	4	4	5	11
Wapello	53	55	39	42	53	74	59	46	44	50	28	53	55	36	39	47	69	56	45	43	48	27
Warren	169	194	148	112	240	233	174	187	199	153	136	154	184	146	112	220	229	166	179	195	150	125
Washington	53	23	47	20	29	34	49	35	47	43	39	53	19	38	20	27	30	45	31	46	42	33
Wayne	3	0	3	0	1	3	3	1	0	1	0	2	0	3	0	1	3	3	1	0	1	0
Webster	75	59	69	47	40	41	33	27	54	37	28	72	56	66	45	38	38	32	26	54	37	28
Winnebago	18	36	17	11	7	8	15	8	8	32	8	16	35	15	11	5	8	14	5	7	30	7
Winneshiak	62	42	86	52	66	43	30	27	40	32	28	59	39	80	49	64	41	29	23	39	28	26
Woodbury	178	177	150	183	214	193	185	129	194	122	145	170	175	142	172	203	174	159	120	186	116	131
Worth	5	6	4	4	4	5	2	8	8	8	9	5	6	4	4	3	5	2	7	8	8	9
Wright	12	28	24	9	17	27	13	18	13	12	9	12	28	23	9	15	26	13	12	12	9	9
State of Iowa	8866	9951	9259	7688	8330	7586	8270	7827	7681	6186	5474	8309	9408	8740	7240	7790	7093	7710	7405	7233	5916	5177

Table 2. Average (Mean) Value of Reported Single-Family Unit Building Permits for New Residential Construction in Iowa's Counties, 1990-2000.

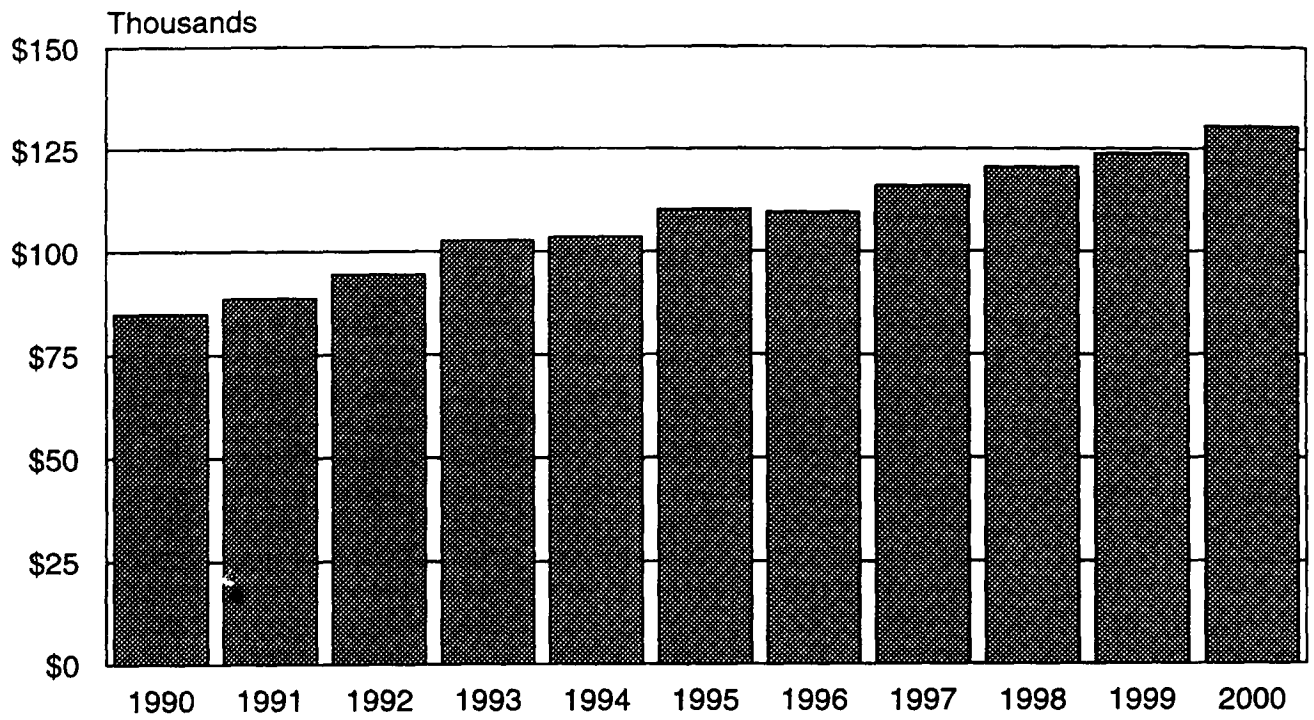
County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Adair	107697	153798	102681	96509	76767	83400	111333	76834	90000	69661	74765
Adams	137500	88750	165000	116552	121600	120000	65667	67500	-	-	100000
Allamakee	122500	65255	56100	62241	83528	68971	58915	69864	54780	42500	61333
Appanoose	58600	51533	60556	52167	79333	54920	75600	63692	51804	65083	34750
Audubon	105000	99400	128333	95600	112500	78870	52500	101950	75500	70000	-
Benton	135933	126937	123606	95879	102487	99859	100121	99264	72746	79814	77400
Black Hawk	140081	146559	146180	120502	125859	122514	109305	121051	110015	90112	97753
Boone	108722	105265	125273	131542	98816	109274	94660	83587	97505	91409	84514
Bremer	137489	131851	141617	125866	120733	111125	108607	107256	93056	98724	86377
Buchanan	108950	112039	139602	86879	84362	76934	86033	81817	71740	71040	67179
Buena Vista	137900	160126	125295	114269	126432	128454	100179	91375	96487	96322	84083
Butler	107880	99880	100415	87649	92757	82336	86597	88510	72957	67073	66248
Calhoun	124049	109838	48005	129405	93750	106740	101215	79025	80937	55056	64278
Carroll	148167	124470	122330	116574	109150	98783	97676	100492	94954	87156	90149
Cass	93339	91718	101676	106123	102177	85038	90182	76000	57008	79749	53420
Cedar	128371	125611	118156	101933	92581	97553	89730	92367	69736	53784	70667
Cerro Gordo	144847	152251	108362	110684	117808	100571	86150	91918	99628	78215	78955
Cherokee	116847	111143	80000	84916	127462	89806	99070	73077	73750	76417	83297
Chickasaw	180600	115299	119584	89016	93487	76276	83560	78497	77463	77576	62783
Clarke	124400	82000	121909	109290	101366	-	-	63302	100000	63178	80000
Clay	99561	123030	123824	113759	106075	105317	107556	95664	68057	77706	61111
Clayton	96756	89254	89244	75052	78554	91323	77150	102049	79375	53776	61643
Clinton	121449	120235	114770	110105	104143	95013	96955	97888	93867	86685	97155
Crawford	97167	95067	103615	104692	79425	98948	77750	86164	82154	67909	72000
Dallas	175671	151116	150128	155023	133345	120006	142041	120329	107494	119776	120883
Davis	-	86000	90625	46250	100000	45000	54071	56750	89250	62702	42500
Decatur	126882	94327	88636	81182	70000	75000	77778	96730	79000	50000	53500
Delaware	109543	118673	107509	107719	87448	85643	76311	87973	80800	77302	63861
Des Moines	122315	115257	121961	118558	102368	135939	96119	110974	92292	85971	90213
Dickinson	142667	133028	127136	158778	86495	106531	104493	103082	92651	102088	73539
Dubuque	142367	142124	130536	121197	118075	98783	100450	99615	93836	87859	84206
Emmet	107671	103506	92796	98653	98725	84354	77406	69707	75349	65911	41559
Fayette	106020	102007	121182	117902	117818	88045	100571	63345	73467	82556	77643
Floyd	121669	115502	86776	95873	89508	69194	91755	70650	66517	70660	87438
Franklin	111000	115250	66662	73800	54862	69556	79500	74750	46600	83000	-
Fremont	87955	64778	87056	101429	64875	54600	70167	57500	95000	60000	42000
Greene	138667	122588	86765	77308	109419	87788	76937	75333	79558	65738	63167
Grundy	154883	163208	167560	117042	90276	86330	92922	80542	66638	82389	75143
Guthrie	159590	120854	113125	115823	94045	108676	99138	104867	90609	94014	93143
Hamilton	135605	84148	114299	94023	85914	89097	97119	97906	68886	60500	38200
Hancock	118699	101042	126333	115571	26161	88583	60737	122286	64615	80000	58000
Hardin	94286	124588	94983	85412	80212	77444	106250	81928	59950	72845	65374
Harrison	101816	127538	95010	111077	95430	87116	63340	68406	64178	43600	58625
Henry	128432	119399	106966	115123	78569	63407	58408	70992	60476	66049	60086
Howard	85313	88000	96912	88769	53350	86500	57759	68500	73000	64462	64880
Humboldt	130588	126446	152050	115643	100929	83455	93260	93516	74136	80897	83778
Ida	149793	122544	89266	84609	85379	82620	77976	74397	73580	69971	63117
Iowa	100601	97356	89902	88784	89611	85080	78742	74127	69031	68196	63117
Jackson	94225	107573	99469	89977	93826	91326	74555	80021	74630	71629	61835
Jasper	142126	142938	130318	115299	117062	103941	111783	96462	92854	92412	79646

- No such units were reported.

Table 2. Average (Mean) Value of Reported Single-Family Unit Building Permits for New Residential Construction in Iowa's Counties, 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
Jefferson	201250	103883	120175	182512	102279	131000	102569	92241	69550	69308	99286
Johnson	159000	141517	141212	137565	122961	204155	123286	114095	103927	103889	104818
Jones	84331	96500	87450	115650	88226	86949	95467	76462	75370	75438	69792
Keokuk	79879	87786	81508	80087	91042	76294	85988	49938	61182	77702	71039
Kossuth	151667	146733	143433	152833	90111	112838	79353	95800	78444	73448	52800
Lee	105755	108483	90633	92459	122183	98905	84891	75166	69655	80988	67912
Linn	114507	99149	101965	96324	99139	87783	90028	89960	85126	86034	75940
Louisa	136512	86359	52625	88000	37235	59667	79188	29688	69153	60208	61984
Lucas	120000	98333	153500	104000	105000	103333	100000	57000	92000	56000	95333
Lyon	100588	114735	123530	92970	91203	89173	92353	71179	70812	71330	71323
Madison	111507	105853	111878	113401	115184	105317	95351	84725	77377	78687	59420
Mahaska	129233	116793	119991	115808	125756	88545	99600	82394	65350	67559	71477
Marion	117186	148525	133677	129854	109963	102971	112085	110957	104850	85742	77410
Marshall	133300	115490	120109	110859	104470	91079	103920	86873	83070	84854	81459
Mills	82652	111042	119590	110333	104027	93858	64192	73700	58264	64782	45067
Mitchell	96333	109000	111663	97675	79667	80750	88823	102450	78513	59186	59444
Monona	113234	104069	72462	54275	90142	80557	94567	93511	68727	79324	80500
Monroe	88269	95921	92916	79047	71824	80570	87309	64875	66274	64565	61000
Montgomery	99783	131500	79376	114250	97308	98305	71450	82186	62518	64248	78714
Muscatine	103165	111518	94738	94313	85574	88361	87253	81592	76039	73298	72489
O'Brien	147391	129571	142105	136889	93886	107308	101957	102685	94240	79652	113560
Osceola	129543	98206	79730	88500	82738	73231	73071	68857	72500	63100	48000
Page	95458	93667	93121	95000	81529	81985	92223	86673	64150	61766	57475
Palo Alto	138543	105912	87416	92696	94440	67778	72119	-	55393	49833	66304
Plymouth	143308	127973	140301	127165	110836	107655	99596	91490	79021	87050	57820
Pocahontas	-	49094	126700	80000	112845	70200	89375	56000	95667	80000	104333
Polk	136208	129380	127625	128379	125583	122825	118510	121582	109255	96772	89152
Pottawattamie	117689	108189	107242	108538	98693	96789	91708	91987	86913	87543	88152
Poweshiek	93160	113036	105999	133197	82286	92832	75508	79869	82451	82197	59878
Ringgold	85000	-	45167	113667	100800	66286	66667	78250	65000	70000	42500
Sac	93929	91875	108860	123571	99615	94707	95600	78398	77000	69000	-
Scott	135819	130871	123991	117886	106444	110226	111584	98908	104751	104787	104365
Shelby	124246	108384	123750	120909	111920	99185	92314	85087	67227	75472	80818
Sioux	140121	141747	115650	92041	105881	71465	104837	90086	83335	79691	70866
Story	122208	109319	102200	99937	95978	90575	84759	85646	79162	79133	79867
Tama	118447	106225	92400	72630	97318	69867	93167	76041	87716	75345	68091
Taylor	96000	61250	85000	106800	106000	62086	80000	-	53750	325000	50000
Union	103845	90375	63955	100000	86222	63950	88745	57250	53750	85083	67500
Van Buren	69167	76833	71000	56667	71250	66357	71250	44500	57500	62000	41818
Wapello	86229	96855	65059	78594	97920	70949	80672	78784	60507	56715	48450
Warren	149759	141046	121149	122061	127065	112978	115050	106749	99047	84495	85068
Washington	124062	112421	114074	109300	105852	85650	86778	100435	78663	70664	58030
Wayne	88500	-	120000	-	80000	77667	65000	85000	-	80000	-
Webster	120614	120100	116753	108989	120829	131419	101733	106263	76996	87703	74197
Winnebago	111500	103291	123067	95091	111800	82015	68367	74425	74604	41653	94286
Winneshiek	140325	141287	134738	132192	102981	95918	92835	112228	103349	79348	91596
Woodbury	132723	124799	120694	102840	105158	99225	101123	98784	80629	39704	43643
Worth	114904	111333	102250	75000	106667	102400	77500	93127	75875	70304	27140
Wright	131571	155009	70911	90333	105787	83538	74192	61083	49708	56222	65389
State of Iowa	130489	123814	120477	115946	109543	110180	103514	102734	94364	88596	84836

Figure 1. Average valuations cited on building permits for single-family units in Iowa, 1990–2000.



Housing Sales and Average Sales Prices in Iowa's Counties:

1989-1999

Margaret Hanson, Iowa State University

Willis Goudy, Iowa State University

Dick Davidson, Iowa Department of Revenue and Finance

Housing sales and sales prices are compiled annually by the Iowa Department of Revenue and Finance. Buyers, sellers, or their agents report declarations of value on transfers of real estate to county recorders. Declarations of value are then forwarded to the appropriate city or county assessor for completion. The real estate numbers included in this section are "arm's length" transactions of single-unit and two-unit (duplexes) dwellings. Due to special considerations and financing of contract sales, the numbers that follow include only deed sales.

Housing Sales

In 1999, there were 35,650 deed sales of single- and two-unit homes in the state (Table 1). This marked a decrease of 314 from the previous year. Other declines in deed sales in the 11 years studied occurred from 1994 to 1995 and from 1996 to 1997. Overall, annual sales of homes increased 38.2 percent (+9,861) between 1989 and 1999.

Dictated largely by population, numbers of housing sales varied greatly across the state. Nearly half (45.9%) of all sales in 1999 occurred in Black Hawk, Johnson, Linn, Polk, Pottawattamie, Scott, and Woodbury. Twenty-two counties reported fewer than 100 deed transactions; of these 22, Adams and Ringgold had fewer than 50. In 1989, only Black Hawk, Linn, Polk, and Scott had sales numbering more than 1,000 while 39 counties had fewer than 100.

When change over the decade was examined, only Allamakee, Lee, and Washington reported fewer sales in 1999 than in 1989. Gains ranged from less than 10 in Adams, Davis, Floyd, Jefferson, and Monona to more than 2,200 in Polk. Half (52) of the counties with increases had fewer than 50 more deed sales at the end of the period than at the beginning. Three others (Linn, Polk, Scott) counted at least 500 more sales in 1999 than in 1989; these three counties accounted for a third (34.9%) of the gain in the number of units sold.

Average Sale Prices

The Iowa Department of Revenue and Finance reports the total value of sales across all units sold for deed. An arithmetic mean price can be calculated by dividing the total sales value by the number of sales. The result will be called the average price in this section. The average sales price of Iowa homes sold in 1999 was \$91,300, up from the average of \$52,100 10 years earlier (+\$39,200; +75.2%) (Table 2).

Eight counties reported average housing prices under \$45,000, which was less than half the state's average. Nine others (Dallas, Dickinson, Dubuque, Johnson, Linn, Polk, Scott, Story, Warren) had average prices of more than \$100,000. Johnson's average of \$139,00 was \$7,800 higher than Dallas' \$131,200, which was in second place. In 1989, Adams, Audubon, Monroe, Pocahontas, Taylor, and Van Buren had averages less than \$25,000 (or less than half the state's figure); Johnson again was highest at \$80,000.

Table 1. Number of Deed Sales of Residential Units in Iowa's Counties, 1989-1999.

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Adair	70	64	49	61	35	45	55	66	33	44	41
Adams	29	33	41	48	31	29	31	36	25	27	23
Allamakee	94	120	122	111	118	119	105	93	99	75	97
Appanoose	125	109	106	116	99	111	126	99	103	91	87
Audubon	72	67	65	62	57	60	41	60	50	33	35
Benton	307	270	241	269	252	241	215	225	197	186	144
Black Hawk	1553	1562	1461	1469	1372	1455	1427	1393	1286	1170	1182
Boone	333	319	313	352	257	320	310	266	219	221	223
Bremer	259	265	231	280	247	257	237	233	263	229	221
Buchanan	194	183	190	202	169	197	180	193	167	157	133
Buena Vista	233	263	216	286	243	248	224	221	201	222	152
Butler	130	151	137	125	140	156	122	119	104	76	102
Calhoun	106	99	124	131	103	120	112	86	106	86	87
Carroll	227	222	235	218	184	210	185	209	177	173	169
Cass	167	174	154	163	126	171	151	135	110	125	149
Cedar	197	181	178	177	144	172	149	145	130	113	104
Cerro Gordo	712	700	608	640	648	719	663	584	559	591	569
Cherokee	104	88	107	129	131	122	121	115	93	97	77
Chickasaw	121	110	118	136	134	114	130	111	100	90	93
Clarke	119	78	84	90	101	88	64	58	73	77	68
Clay	192	186	176	172	183	211	182	204	174	187	180
Clayton	166	162	146	132	131	146	137	134	122	103	109
Clinton	582	645	555	555	533	565	529	537	483	433	459
Crawford	159	155	131	157	151	167	159	143	118	111	104
Dallas	572	665	565	479	516	423	414	392	313	340	366
Davis	58	77	62	66	62	54	62	64	33	42	52
Decatur	71	75	68	70	74	81	50	42	39	54	55
Delaware	163	156	142	166	143	175	153	165	143	162	128
Des Moines	457	524	520	562	523	565	451	511	454	480	406
Dickinson	279	212	222	223	189	196	207	204	158	201	184
Dubuque	970	978	823	838	807	941	905	904	824	800	857
Emmet	115	128	133	130	115	116	113	95	101	89	81
Fayette	219	250	219	201	251	264	142	220	185	140	148
Floyd	159	192	182	189	227	222	171	167	142	164	150
Franklin	98	109	101	114	96	101	84	82	98	65	57
Fremont	75	58	71	63	41	56	65	59	41	42	43
Greene	105	123	115	102	103	94	110	92	73	84	66
Grundy	115	113	121	107	125	106	112	107	89	91	69
Guthrie	143	141	132	131	148	130	111	104	105	126	88
Hamilton	215	223	187	197	199	242	203	222	164	173	158
Hancock	126	134	114	104	101	121	124	99	93	88	114
Hardin	220	251	229	219	236	241	205	207	150	140	129
Harrison	160	158	140	154	144	158	120	122	84	96	117
Henry	205	202	183	184	214	231	213	218	207	224	190
Howard	110	105	89	103	105	115	56	97	82	99	73
Humboldt	139	133	106	107	114	112	79	117	97	89	83
Ida	66	51	67	75	61	67	59	58	50	49	50
Iowa	153	150	123	136	115	168	128	123	80	88	112
Jackson	165	152	155	166	148	164	167	152	157	149	147
Jasper	500	496	421	390	359	395	346	420	338	331	307

Table 1. Number of Deed Sales of Residential Units in Iowa's Counties, 1989-1999 (continued).

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Jefferson	169	192	181	172	149	174	154	211	143	143	167
Johnson	1348	1263	1179	1167	1012	1110	1124	1149	1049	977	849
Jones	172	162	149	153	182	138	153	127	131	112	108
Keokuk	87	69	79	85	80	86	99	88	76	80	70
Kossuth	168	159	172	167	149	145	188	157	131	133	109
Lee	338	328	330	358	356	455	398	399	394	374	340
Linn	2787	3015	2474	2564	2344	2602	2574	2511	2210	2254	2132
Louisa	106	88	86	100	117	100	82	105	79	88	77
Lucas	106	92	97	97	79	95	95	79	71	71	74
Lyon	90	103	86	78	96	89	84	70	69	65	73
Madison	139	144	141	122	117	136	117	126	91	108	75
Mahaska	274	283	192	221	235	244	247	227	195	207	218
Marion	367	380	355	337	319	295	293	285	249	274	268
Marshall	565	467	444	502	513	529	467	472	444	405	364
Mills	159	134	163	161	154	160	133	110	108	120	117
Mitchell	98	96	108	101	94	112	99	73	90	90	56
Monona	75	83	85	93	77	92	53	69	62	51	67
Monroe	72	59	70	49	68	85	69	52	40	65	45
Montgomery	151	138	147	145	132	143	134	151	131	120	130
Muscatine	548	508	478	436	420	541	423	437	365	382	305
O'Brien	154	147	137	187	185	164	193	172	129	164	134
Osceola	61	65	52	76	65	55	50	71	55	52	47
Page	187	188	191	188	178	194	158	135	103	119	124
Palo Alto	120	109	111	94	117	97	105	92	84	75	62
Plymouth	254	251	238	211	196	225	245	217	201	226	170
Pocahontas	85	70	76	68	71	86	73	50	56	52	39
Polk	6109	6064	5486	5188	5050	4988	5334	4973	4281	4060	3887
Pottawattamie	1022	1006	968	967	861	874	905	806	767	815	791
Poweshiek	209	200	191	181	184	220	200	193	163	191	180
Ringgold	45	52	55	51	40	25	39	49	32	22	34
Sac	104	106	120	91	98	108	104	91	95	97	89
Scott	2198	2415	2154	2103	2115	2225	2245	2157	1949	1829	1637
Shelby	99	115	97	126	119	126	123	104	102	119	85
Sioux	320	335	259	285	300	264	249	325	268	297	281
Story	924	970	825	750	705	766	809	805	700	662	683
Tama	182	153	151	171	155	175	126	132	112	109	95
Taylor	55	45	59	55	55	69	43	46	31	44	20
Union	134	149	150	127	135	140	141	130	114	100	112
Van Buren	57	61	41	51	59	59	59	70	45	47	39
Wapello	399	389	324	377	369	445	419	382	420	376	341
Warren	438	482	442	481	434	476	469	499	409	448	406
Washington	186	173	170	175	202	262	229	212	204	243	198
Wayne	60	59	58	59	46	42	42	34	33	45	28
Webster	581	593	521	533	488	512	511	576	472	466	473
Winnebago	141	151	126	133	131	131	129	123	85	98	100
Winneshiek	178	170	128	173	130	158	151	127	132	123	123
Woodbury	1351	1359	1144	1252	1249	1288	1262	1200	1033	1015	970
Worth	81	93	80	77	98	75	72	72	61	48	47
Wright	186	169	164	153	175	176	129	130	128	136	112
State of Iowa	35650	35964	32612	32848	31508	33337	32105	31379	27684	27320	25789

Table 2. Average (Mean) Sales Price of Deed Sales of Residential Units in Iowa's Counties, 1989-1999.

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	Inflation Adjusted (1999 \$s)	
												1994	1989
Adair	53000	46900	56800	38600	40600	40800	34300	33100	38500	30400	28300	47617	39953
Adams	41500	42600	37200	32900	45500	34700	33900	29800	28100	28600	24300	40443	34266
Allamakee	58700	58200	53200	45000	42100	42000	42100	39800	37800	37500	39200	48964	55268
Appanoose	45500	42100	47500	38300	39200	41200	35500	30700	28500	34600	31100	48091	43834
Audubon	39200	41500	42900	33600	34500	33100	23900	29800	25600	23600	24900	38657	35062
Benton	79500	77000	74800	66000	60900	52000	49900	45500	41800	40900	39400	60707	55505
Black Hawk	83200	80400	71900	67400	62700	61000	58600	57400	54700	51800	52100	71213	73490
Boone	75800	70700	66500	58500	57300	49400	47800	46000	41500	41300	44400	57658	62656
Bremer	93400	84800	82800	73700	68700	65600	62200	59200	51800	48700	51000	76511	71939
Buchanan	63200	59500	55700	54000	53300	47300	43500	39200	36800	36900	30800	55182	43476
Buena Vista	70300	65800	64000	57100	53000	51900	47400	47600	45500	43700	46900	60532	66155
Butler	58400	57400	54000	44100	46800	40000	35800	34400	31000	35400	26700	46730	37667
Calhoun	56000	54400	47500	52000	38000	35400	39100	34100	31300	32100	29100	41360	41088
Carroll	78100	70200	65400	63900	60600	58000	50300	47100	47600	43900	44200	67679	62384
Cass	62200	53300	51000	46700	46100	41200	41500	39300	41300	38000	38500	48086	54306
Cedar	79400	79900	72200	71500	65900	63000	54700	51100	47400	44300	46200	73561	65100
Cerro Gordo	86700	79700	68600	66700	65400	58200	58700	56900	57700	52400	51900	67966	73196
Cherokee	55100	53000	55700	50500	44300	39500	37900	40000	33000	32900	31600	46086	44521
Chickasaw	59000	58400	51500	52700	47100	46700	40800	45000	38500	34800	36600	54453	51611
Clarke	73100	65100	58800	55000	46500	43100	43100	41100	40500	40700	37900	50274	53448
Clay	75500	67900	68800	62400	57900	57000	50200	50900	46500	44700	42600	66559	60087
Clayton	60100	55400	55000	48300	45200	43000	39400	38300	32800	31600	33300	50217	46981
Clinton	67200	67700	60900	56400	55500	51500	52300	47500	44700	42700	39800	60092	56083
Crawford	54200	51600	46000	44400	42800	38600	43600	37400	35700	37000	37400	45026	52690
Dallas	131200	122200	117700	104000	93200	83300	75200	64000	64100	57100	54100	97216	76324
Davis	60000	47900	44000	44500	37300	39800	37500	32300	33900	34900	30400	46424	42862
Decatur	45000	38500	31400	32100	28300	27300	26400	22500	25100	30300	25400	31807	35855
Delaware	76100	74900	63300	64800	60700	57600	54600	43700	44300	40000	40000	67221	56479
Des Moines	71300	67400	66800	65500	61400	56100	48700	50000	47800	47600	45700	65468	64444
Dickinson	114800	120400	97200	103500	86400	77100	73900	72900	77600	64000	70200	90020	99059
Dubuque	100800	96600	94600	89800	82800	78500	73100	65600	60600	56600	54600	91603	77010
Emmet	50300	46200	44200	41000	39300	34300	37200	30100	29400	30100	31300	40031	44118
Fayette	49300	49200	45200	43800	37800	35800	30700	31700	29600	29800	28200	41730	39710
Floyd	56700	58000	49800	46900	48300	43200	41700	39100	33400	39100	35800	50360	50448
Franklin	55300	52100	46300	41900	39200	33700	34100	33400	29400	34400	30600	39340	43128
Fremont	57700	50100	55300	40400	38600	37900	38400	36100	28900	32700	27800	44249	39140
Greene	44300	42900	46700	37700	37200	39300	34000	38600	29300	28600	30600	45870	43114
Grundy	68300	63500	58400	55700	49400	45200	49600	40100	39400	38300	37700	52781	53154
Guthrie	82800	71000	75600	76700	57700	56500	58500	49500	39800	47400	45400	65929	64097
Hamilton	66900	62500	59600	53100	47100	49300	49600	45400	38400	43800	39600	57583	55856
Hancock	49600	51800	44800	43200	43600	36900	40200	39200	34400	36100	38000	43070	53580
Hardin	56400	55400	53100	45400	42200	40600	41200	33400	33800	34500	39400	47412	55525
Harrison	74500	71900	60600	57100	51000	41600	42500	39000	36400	35300	34400	48536	48506
Henry	72300	78800	70000	65700	62700	56900	58500	51000	45200	46100	44900	66431	63278
Howard	55200	49700	45800	41400	38500	35500	37100	35500	33200	31200	29800	41450	42051
Humboldt	68200	58300	53000	60500	49300	47900	50600	41400	40500	42200	35700	55883	50348
Ida	45500	40300	41800	43100	38700	40900	41800	33500	34600	35900	31000	47692	43772
Iowa	78100	79300	69800	67000	62200	55600	50600	51300	48100	41100	38800	64937	54710
Jackson	71300	64200	62000	60200	54100	49300	48200	44600	42500	41000	35900	57573	50584
Jasper	87000	82300	73600	71500	63000	57300	57800	57200	53300	49900	48700	66870	68756

Table 2. Average (Mean) Sales Price of Deed Sales of Residential Units in Iowa's Counties, 1989-1999 (continued).

County	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	Inflation Adjusted (1999 \$s)	
												1994	1989
Jefferson	81300	78800	70000	70500	67300	64400	62400	59300	54600	56100	47100	75126	66489
Johnson	139000	134600	125500	123300	119100	111600	104100	98700	92500	85000	80000	130217	112842
Jones	75500	74300	71300	56500	57800	46200	53600	44600	43800	44300	36700	53875	51720
Keokuk	45800	44600	39800	32900	38900	31900	32700	29200	24000	21800	25000	37228	35275
Kossuth	55400	52400	46000	45300	36900	43100	39500	35800	40500	35800	32500	50295	45842
Lee	59400	60200	54100	55200	47000	47900	43800	44500	36500	38200	39300	55891	55475
Linn	111800	109800	104000	101200	95000	87500	83800	78200	70600	67200	63000	102101	88828
Louisa	60700	48500	50200	42100	40700	38200	34300	33200	32200	32900	32700	44626	46079
Lucas	48400	45900	43100	41500	39300	44000	36100	35700	29500	33000	31400	51328	44275
Lyon	58400	55500	48700	45000	45600	41200	37900	35400	37600	29900	27800	48040	39195
Madison	88900	83400	77600	68100	65900	57600	58100	46900	45400	45800	41800	67258	58972
Mahaska	74800	62700	58700	54500	53500	47100	43700	40000	38400	37000	39400	54952	55510
Marion	94600	85500	79100	74500	72500	66000	64900	57900	54800	53500	47700	77040	67208
Marshall	73100	69200	67400	62700	56300	54600	55400	53300	50000	47100	48100	63766	67880
Mills	99600	91900	86100	78700	66900	64300	59300	59400	56500	50200	47900	75050	67610
Mitchell	55600	60700	53000	51100	51800	41000	37600	41000	31700	36100	34700	47894	48957
Monona	52500	50800	44900	39600	39500	34200	34000	32000	29800	24800	33700	39889	47596
Monroe	57600	39700	44700	43200	34300	34400	32700	30700	31200	30100	24200	40182	34088
Montgomery	55200	52200	45100	48700	46500	44200	44700	44500	37600	35400	38600	51588	54492
Muscatine	88300	82800	80200	74000	69200	67200	64000	60100	56100	54900	56600	78389	79819
O'Brien	55700	53100	52100	50700	48300	39800	42700	36800	34500	35400	35100	46468	49541
Osceola	52800	50500	45400	40600	33000	32400	38200	32800	38900	28400	32400	37834	45761
Page	56600	52200	51600	47700	42900	38700	38400	36300	38600	33400	35800	45135	50484
Palo Alto	45400	51200	43900	36700	36100	33700	32800	27600	26000	27700	27700	39316	39053
Plymouth	89700	87000	80900	81000	75300	72000	65800	55700	53300	50400	47200	83975	66609
Pocahontas	42200	30500	36300	34300	34100	28900	31200	29200	30900	28200	24600	33720	34741
Polk	117600	113400	107000	99500	97400	90900	86900	80500	76300	71900	69400	106064	97877
Pottawattamie	86400	82900	76800	69100	62900	59500	57100	55400	51400	48600	47700	69470	67309
Poweshiek	83000	77600	69600	63100	59100	58500	44600	49900	48700	49200	44900	68279	63381
Ringgold	66900	49700	49100	50800	44700	45400	35700	33600	25700	27500	26100	52978	36822
Sac	40000	47500	41600	36400	36700	31200	32400	28200	30500	29000	26700	36384	37688
Scott	106400	104400	94200	91400	88700	82300	78800	75200	68900	65200	61100	95997	86239
Shelby	67200	53300	59100	52600	41100	46200	43000	42100	40400	37500	37000	53879	52238
Sioux	78900	76700	68900	66300	61500	58400	54900	48100	48000	45500	42100	68129	59421
Story	120800	114200	107500	101000	95400	88600	85200	76900	74100	68200	63000	103451	88862
Tama	57900	60000	55500	47800	45100	37300	38000	36600	37300	32700	31100	43558	43833
Taylor	37100	32900	28200	26100	24900	22900	20500	21900	21700	20300	22000	26760	31011
Union	52100	57400	45300	48800	44300	38000	36100	38100	34400	34900	37200	44400	52431
Van Buren	39300	38100	34000	33100	29100	27400	26000	26400	22800	25100	21400	32010	30192
Wapello	54500	58600	55900	52100	48000	44200	39600	37300	41000	35900	36300	51616	51130
Warren	106400	101000	93200	91000	85500	81500	75000	60900	66100	63500	57100	95079	80581
Washington	79600	72000	65100	65100	59200	55600	52700	44000	47200	45600	41500	64884	58473
Wayne	37500	37000	32500	32200	27200	28200	27900	27000	26100	24600	27900	32919	39365
Webster	66200	68100	62700	56500	54900	50400	48800	47400	43500	42800	42400	58852	59789
Winnebago	52700	47900	54600	45700	45100	39600	41800	39200	38200	38000	38000	46200	53535
Winneshiak	84200	86200	77100	73700	61400	58700	56700	55700	53500	51400	48100	68524	67892
Woodbury	83900	84300	78400	76300	68600	65700	62400	60500	55700	52100	51900	76658	73248
Worth	50000	45400	42100	40200	37900	32900	36800	33300	34700	28900	27300	38401	38443
Wright	55200	46200	42900	41600	42800	40800	40900	36500	33600	37200	36200	47663	50987
State of Iowa	91300	88100	81600	76500	72000	67000	65100	60700	57100	54100	52100	78169	73514

Between 1989 and 1999, increases in the average prices for housing ranged from less than 50 percent in 13 counties to more than 100 percent in 13 others. The gain of \$77,100 in the average sales price in Dallas exceeded all others. Gains from \$50,000 to \$59,999 occurred in Johnson, Mills, and Story. An increase of less than \$10,000 took place in Wayne when 1989 and 1999 average sales prices were compared.

When housing sales prices were adjusted for inflation using the Housing Consumer Price Index, prices declined in four counties from 1989 to 1999 (Table 2). In Hancock, this decline was nearly \$4,000; Wayne's decline also exceeded \$1,000, while those in Union and Winnebago were smaller. During the same period, average housing costs increased by more than \$20,000 in 21 counties even after inflation was taken into account, with the greatest increase in Dallas (+\$54,900). Gains ranged from \$10,000 to \$19,999 in 37 counties. In real dollars, average prices in Butler, Dallas, Harrison, Madison, Monroe, and Ringgold increased by more than 50 percent from 1989 to 1999.

Note: Caution is urged in comparisons of average housing sales prices from one year to the next. In some instances, the average is based on a relatively small number of deed sales. When that occurs, one or two very low or very high prices can influence the average substantially.

Farm Numbers and Average Acres in Iowa's Counties: 1900-1997

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A census of farms was conducted by the U.S. Department of Agriculture for 1997; before that, these data were gathered periodically by the department in collaboration with the U.S. Bureau of the Census. This report examines trends in farm numbers and size in Iowa's counties. Many other items were listed on the questionnaires sent to each farm; additional information was reported in "Agriculture in Iowa: Trends from 1935 to 1997" (CS99-6, Census Services, Department of Sociology, Iowa State University, November 1999, 201 pages).

Farm Numbers

The most recent data from the agricultural census are for 1997, when 90,792 farms were counted in Iowa (Table 1). This was a decrease of 5,751 since the 1992 Census of Agriculture; and it is down 137,830 from the historic peak of 228,622 in 1900. The number of farms declined from 1900 to 1920, grew to a second peak in 1935, and decreased since that point. The 1992 census was the first in which Iowa recorded fewer than 100,000 farms.

When periods of approximately 10 years are compared, the greatest loss (-38,771) in farm numbers happened from 1954 to 1964. This was an average annual decline of 3,877. This decline slowed substantially to a yearly average of 1,336 between the 1974 and 1982 censuses. From 1987 to 1997, the average annual decline in farm numbers was 1,439.

From 1900 to 1920, changes in the number of farms across counties varied from decreases exceeding 500 in Fremont, Marion, and Warren to an increase of 350 in Sioux. Only 20 others reported gains during that period, about half of which were in the northwestern part of the state.

Increases were more common from 1920 to 1935. Eighty-five counties reported more farms in 1935 than in 1920, although gains were less than 100 in half (43) of these 85 counties. Polk, Pottawattamie, and Woodbury each had at least 300 more farms at the end of the period than at the beginning. Increases in 39 other counties were greater than 100; declines of that magnitude occurred in Davis, Jackson, and Lee from 1920 to 1935.

Ninety-one of Iowa's counties had fewer than half the number of farms in 1997 than they had in 1935. Indeed, 47 declined by at least 60 percent, with decreases in Harrison, Mills, and Polk the only ones exceeding 70 percent. In only Dubuque and Lyon did the number of farms drop by 40 percent or less from 1935 to 1997. At least 1,000 fewer farms were counted in 85 counties in 1997 than in 1935. The decline was greater than 2,000 in Harrison, Linn, Polk, Pottawattamie, and Woodbury.

Data from the 1987 and 1997 censuses indicate that all counties except Decatur, Lucas, and Van Buren continued to see declines in farm numbers. The largest numerical losses were in Kossuth (-314) and Pottawattamie (-327), which were the only decreases greater than 300. Another 26 counties declined by 200-299 farms, or an average of from 20 to 30 per year.

Farm Size

While farm numbers have been declining, the average size of Iowa farms has been increasing (Table 2). In 1900, an average Iowa farm had 151 acres; this average varied from 154 to 158 in the

Table 1. Number of Farms in Iowa's Counties, 1900-1997.

County	1997	1992	1987	1982	1978	1974	1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900
Adair	792	891	970	1065	1134	1261	1423	1566	1710	1932	2024	2043	2098	2182	2108	2088	2113	2227	2387
Adams	573	643	688	737	783	874	924	1037	1233	1355	1512	1534	1582	1637	1630	1719	1629	1726	1949
Allamakee	958	1000	1062	1134	1185	1210	1439	1557	1717	1898	1983	2080	2088	2128	2108	2156	2175	2230	2368
Appanoose	797	827	891	900	950	937	1108	1244	1490	1692	1854	1985	2092	2304	2128	2216	2283	2312	2526
Audubon	649	740	851	905	1000	1063	1211	1348	1505	1661	1716	1781	1820	1879	1823	1768	1818	1897	1988
Benton	1210	1325	1434	1585	1644	1669	1827	1991	2201	2434	2447	2456	2490	2680	2595	2525	2562	2656	2774
Black Hawk	1002	1111	1269	1352	1377	1447	1609	1776	1966	2199	2352	2434	2494	2465	2384	2406	2358	2168	2257
Boone	863	923	1029	1153	1249	1373	1507	1647	1948	2174	2372	2477	2504	2567	2546	2514	2541	2581	2670
Bremer	982	1058	1140	1287	1385	1421	1543	1681	1834	1917	2021	2050	2060	2090	2021	2050	2018	1968	2004
Buchanan	1136	1193	1332	1403	1466	1519	1712	1913	2092	2218	2305	2315	2367	2435	2295	2357	2232	2334	2447
Buena Vista	867	972	1097	1185	1274	1324	1465	1569	1836	2019	2083	2134	2110	2179	2092	2033	2055	1934	1956
Butler	1085	1146	1294	1467	1475	1565	1692	1873	2064	2236	2293	2298	2361	2277	2282	2268	2244	2226	2304
Calhoun	793	899	992	1164	1216	1266	1383	1518	1738	1930	2040	2133	2097	2174	2174	2008	2060	1958	2134
Carroll	1102	1197	1319	1396	1422	1487	1565	1767	1896	2045	2098	2120	2119	2152	2224	2113	2087	2092	2175
Cass	804	905	942	1087	1157	1240	1398	1469	1695	1984	2135	2142	2205	2243	2198	2158	2182	2292	2395
Cedar	965	1099	1170	1323	1402	1446	1667	1723	1895	2101	2144	2188	2227	2264	2207	2204	2212	2228	2291
Cerro Gordo	822	821	929	1045	1119	1146	1331	1507	1732	1988	1979	2013	1996	2048	2004	2019	1944	1861	1957
Cherokee	890	979	1091	1214	1249	1198	1332	1410	1603	1765	1798	1854	1824	1903	1834	1871	1844	1901	1908
Chickasaw	926	1007	1054	1180	1206	1298	1403	1607	1766	1948	1960	2024	2053	2105	1979	2050	2003	2012	2197
Clarke	678	680	697	766	787	908	899	972	1124	1260	1387	1358	1450	1556	1515	1514	1488	1556	1714
Clay	668	770	877	1045	1093	1093	1287	1345	1577	1783	1796	1860	1840	1790	1800	1772	1769	1668	1684
Clayton	1638	1617	1705	1725	1762	1827	2100	2253	2483	2715	2813	2928	2970	3058	2992	3069	3101	3049	3318
Clinton	1268	1362	1437	1570	1655	1689	1880	2098	2335	2518	2605	2641	2649	2802	2748	2719	2729	2844	2786
Crawford	1107	1260	1339	1511	1590	1636	1794	1909	2121	2364	2437	2502	2507	2595	2556	2487	2444	2361	2649
Dallas	918	944	1081	1208	1268	1340	1485	1594	1786	2123	2346	2335	2448	2468	2386	2322	2320	2446	2607
Davis	884	892	921	954	958	988	1103	1247	1386	1535	1682	1810	1852	1978	1952	2008	2089	2238	2553
Decatur	730	648	715	769	791	855	981	1118	1268	1561	1744	1773	1919	2088	1969	2088	2029	2165	2508
Delaware	1278	1367	1452	1481	1504	1499	1719	1901	2036	2177	2209	2223	2248	2345	2254	2245	2284	2208	2241
Des Moines	650	681	753	815	853	840	1014	1184	1311	1394	1521	1605	1726	1894	1730	1928	1926	1995	2189
Dickinson	512	554	593	652	700	749	820	906	1075	1204	1234	1291	1256	1290	1224	1167	1043	985	995
Dubuque	1579	1653	1689	1708	1700	1759	1841	1823	1896	2042	2164	2244	2303	2482	2276	2324	2372	2403	2485
Emmet	519	557	609	714	757	790	841	952	1100	1199	1253	1262	1315	1315	1285	1279	1193	1047	1056
Fayette	1295	1416	1510	1641	1742	1833	2044	2358	2615	2818	2964	2929	3109	3195	3038	3112	3157	3124	3261

Table 1. Number of Farms in Iowa's Counties, 1900-1997 (continued).

County	1997	1992	1987	1982	1978	1974	1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900
Floyd	850	882	985	1097	1144	1196	1326	1409	1619	1766	1853	1844	1897	1954	1858	1947	1916	1907	2054
Franklin	856	929	1012	1168	1263	1287	1425	1653	1885	2076	2178	2146	2158	2154	2082	2080	2040	1915	1874
Fremont	568	596	719	771	827	896	976	1012	1198	1321	1545	1676	1742	1871	1921	1838	1858	2050	2394
Greene	763	851	948	1054	1132	1156	1265	1401	1682	1914	2043	2034	2159	2127	2062	2050	2059	2151	2314
Grundy	754	853	1037	1135	1224	1296	1422	1548	1683	1765	1813	1817	1788	1826	1786	1753	1725	1764	1783
Guthrie	847	946	960	1105	1154	1327	1422	1593	1800	2045	2151	2279	2394	2524	2379	2166	2315	2330	2492
Hamilton	790	873	1026	1158	1283	1293	1486	1660	1902	2046	2145	2176	2161	2263	2213	2171	2181	2219	2245
Hancock	849	939	1052	1176	1275	1330	1455	1641	1833	1974	2032	1964	1998	2035	1936	1865	1875	1636	1703
Hardin	857	986	1065	1208	1278	1300	1485	1616	1941	2021	2170	2126	2062	2239	2179	2134	2129	2235	2294
Harrison	876	919	1024	1192	1278	1393	1490	1659	1891	2152	2355	2446	2637	2942	2960	2753	2881	2914	3224
Henry	835	795	893	963	1022	1047	1220	1323	1531	1703	1783	1802	1866	2060	1975	1894	1989	2145	2252
Howard	862	881	938	1055	1099	1090	1270	1400	1576	1661	1714	1743	1749	1775	1717	1735	1708	1650	1708
Humboldt	600	677	754	848	895	970	1036	1109	1291	1410	1451	1507	1425	1533	1475	1479	1380	1476	1478
Ida	637	729	787	874	918	896	1061	1155	1270	1403	1454	1408	1389	1453	1425	1432	1398	1474	1493
Iowa	976	977	1057	1150	1212	1235	1416	1560	1774	1939	1988	2095	2155	2247	2152	2236	2256	2309	2454
Jackson	1280	1326	1354	1422	1412	1484	1618	1723	1871	1992	2083	2109	2227	2208	2207	2264	2327	2400	2637
Jasper	1204	1309	1465	1589	1675	1805	1971	2097	2364	2696	2825	2848	2988	3125	3054	3025	2946	3272	3320
Jefferson	765	740	775	894	968	911	1113	1272	1395	1601	1687	1721	1782	1898	1887	1907	1960	2020	2206
Johnson	1261	1242	1356	1508	1554	1444	1667	1821	2071	2244	2417	2497	2573	2566	2561	2594	2625	2653	2712
Jones	1029	1112	1161	1307	1372	1412	1561	1711	1865	1959	2056	2104	2139	2222	2124	2163	2090	2110	2373
Keokuk	968	952	1036	1193	1258	1334	1521	1663	1944	2140	2319	2495	2532	2703	2665	2619	2764	2770	2927
Kossuth	1404	1592	1718	1885	2034	2003	2204	2582	2906	3070	3121	3169	3106	3153	3053	2985	2928	2656	2807
Lee	861	872	989	1060	1098	1104	1275	1463	1586	1751	1857	2045	2106	2186	2031	2205	2297	2360	2549
Linn	1480	1529	1690	1810	1857	1926	2118	2343	2683	3133	3436	3702	3728	3848	3615	3645	3666	3619	3567
Louisa	593	554	634	699	771	776	859	944	1097	1199	1237	1311	1306	1460	1361	1542	1470	1543	1619
Lucas	706	630	690	769	800	899	938	1088	1185	1345	1482	1644	1665	1730	1594	1706	1617	1815	1892
Lyon	1149	1194	1234	1391	1420	1379	1503	1674	1867	1878	1920	1874	1870	1885	1820	1846	1774	1669	1619
Madison	986	1026	1059	1154	1205	1271	1353	1464	1655	1857	1967	1959	2088	2238	2152	2195	2125	2369	2600
Mahaska	1022	1075	1193	1265	1344	1413	1561	1764	2052	2320	2461	2553	2728	2853	2762	2828	2784	2981	3202
Marion	971	996	1131	1231	1300	1326	1508	1599	1881	2106	2201	2320	2459	2476	2413	2326	2402	2708	2914
Marshall	912	949	1073	1201	1226	1360	1555	1696	1974	2151	2221	2292	2302	2401	2352	2253	2315	2432	2400
Mills	496	563	641	684	793	784	868	979	1114	1209	1358	1405	1500	1663	1640	1637	1571	1730	2016
Mitchell	824	825	939	1011	1065	1109	1208	1309	1515	1658	1747	1711	1738	1797	1717	1762	1770	1729	1718

Table 1. Number of Farms in Iowa's Counties, 1900-1997 (continued).

County	1997	1992	1987	1982	1978	1974	1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900
Monona	697	822	854	933	1058	1227	1267	1371	1625	1825	1945	1985	2091	2182	2170	2121	2166	2229	2491
Monroe	691	682	736	761	768	849	916	1034	1174	1317	1416	1526	1643	1768	1695	1914	1793	1917	1987
Montgomery	577	617	701	769	796	842	984	1123	1269	1397	1516	1642	1633	1677	1615	1626	1650	1766	1940
Muscatine	783	803	901	1005	1054	1135	1272	1307	1552	1713	1683	1858	1744	1852	1843	1779	1923	1820	1976
O'Brien	977	1147	1232	1337	1368	1357	1514	1604	1796	1948	1961	1948	1986	2006	1965	1814	1903	1826	1845
Osceola	649	737	731	833	857	903	949	1070	1233	1268	1306	1327	1306	1317	1278	1312	1265	1068	1088
Page	845	916	1015	1057	1166	1200	1443	1446	1642	1824	1980	2119	2100	2299	2181	2200	2252	2341	2643
Palo Alto	787	841	934	1015	1096	1085	1235	1393	1643	1833	1848	1873	1864	1947	1883	1812	1815	1607	1661
Plymouth	1490	1615	1740	1874	1942	2037	2173	2296	2595	2722	2817	2859	2842	2881	2779	2808	2699	2704	2643
Pocahontas	778	919	987	1105	1177	1239	1369	1511	1767	1907	2032	1990	2039	2094	2086	2009	1992	1932	2005
Polk	800	832	1001	1110	1131	1166	1374	1578	1926	2329	2767	2831	3139	3351	3132	2962	2948	3229	3171
Pottawattamie	1325	1441	1652	1828	1888	1918	2277	2501	2820	3330	3493	3665	3793	4205	4073	3736	3781	3935	4239
Poweshiek	934	933	1047	1152	1221	1350	1457	1574	1825	1991	2079	2126	2161	2263	2236	2148	2179	2253	2322
Ringgold	671	676	701	776	824	924	1042	1130	1311	1544	1670	1733	1853	2033	1940	1893	1923	2053	2356
Sac	813	967	1035	1146	1184	1319	1410	1538	1746	1894	1985	1996	2058	1995	1874	1910	1945	2014	1999
Scott	799	913	973	1097	1171	1121	1349	1549	1778	2030	2079	2363	2287	2379	2263	2269	2316	2405	2347
Shelby	921	1088	1177	1317	1368	1412	1524	1653	1832	1978	2118	2162	2148	2186	2188	2078	2049	2213	2387
Sioux	1752	1998	2015	2100	2184	2105	2242	2438	2725	2842	2971	2998	3028	3037	2940	2860	2801	2715	2451
Story	946	990	1138	1248	1330	1354	1424	1560	1845	2123	2210	2290	2292	2403	2348	2263	2215	2385	2436
Tama	1152	1294	1404	1508	1628	1702	1929	2081	2335	2537	2579	2753	2724	2781	2700	2539	2484	2602	2753
Taylor	746	741	774	890	976	1045	1189	1395	1605	1839	2032	2096	2208	2295	2178	2159	2159	2254	2581
Union	671	671	693	772	823	854	978	1020	1176	1376	1458	1507	1603	1662	1626	1588	1631	1619	1823
Van Buren	807	752	783	883	967	1006	1113	1245	1385	1532	1666	1758	1756	1945	1893	1901	2013	2126	2242
Wapello	781	757	899	959	971	997	1190	1287	1494	1610	1794	1891	2008	2123	2013	2052	2112	2255	2311
Warren	1214	1216	1310	1394	1406	1502	1576	1629	1870	2081	2243	2220	2487	2623	2521	2443	2402	2608	2926
Washington	1061	1078	1158	1238	1309	1271	1441	1621	1854	2057	2172	2226	2266	2452	2337	2233	2307	2454	2511
Wayne	729	734	743	824	872	913	1106	1254	1426	1618	1728	1782	1740	1938	1863	1883	1890	1969	2285
Webster	937	1059	1235	1357	1417	1550	1681	1787	2149	2463	2546	2625	2678	2799	2637	2628	2566	2478	2564
Winnebago	607	645	742	847	929	987	1092	1296	1463	1629	1627	1645	1646	1753	1641	1696	1543	1425	1512
Winneshiek	1450	1495	1633	1724	1826	1816	2015	2257	2442	2580	2711	2858	2887	2933	2863	2954	2915	2887	2960
Woodbury	1306	1254	1360	1579	1659	1797	1970	2117	2407	2784	2873	3133	3192	3334	3227	2905	2969	2976	3231
Worth	608	642	667	798	874	924	997	1214	1354	1463	1530	1518	1533	1491	1472	1460	1461	1391	1485
Wright	717	812	882	1009	1090	1195	1353	1489	1708	1855	1983	1977	1987	1999	1983	1943	1927	1885	1878
State of Iowa	90792	96543	105180	115413	121339	126104	140354	154162	174707	192933	203159	208934	213318	221986	214928	213490	213439	217044	228622

Table 2. Average Size (Acres) of Farms in Iowa's Counties, 1900-1997.

County	1997	1992	1987	1982	1978	1974	1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900
Adair	424	369	364	334	312	291	261	232	207	188	177	176	170	164	170	162	164	160	151
Adams	411	373	354	345	326	297	287	250	211	194	176	174	167	161	158	161	163	152	140
Allamakee	309	322	302	310	303	285	249	237	208	186	188	184	176	176	176	172	171	167	162
Appanoose	303	289	275	263	276	264	248	241	204	181	168	160	147	139	142	136	135	133	129
Audubon	420	363	315	314	296	264	228	206	185	168	164	159	154	150	155	157	153	148	142
Benton	346	322	293	279	272	267	245	225	201	182	180	182	174	166	170	172	168	169	165
Black Hawk	285	270	241	228	229	220	197	184	167	154	143	139	136	138	141	141	144	157	155
Boone	381	358	327	289	274	257	229	211	179	159	147	142	140	135	137	139	134	132	131
Bremer	243	224	206	195	184	177	168	158	144	141	133	131	129	129	132	128	130	136	138
Buchanan	297	279	253	239	233	217	195	182	168	158	154	153	150	145	152	147	153	151	146
Buena Vista	411	352	327	305	287	270	245	223	195	178	173	169	171	166	171	172	171	181	184
Butler	299	275	254	229	232	222	208	191	173	160	156	156	152	155	154	156	156	158	156
Calhoun	424	384	345	302	292	278	261	237	205	183	174	167	171	164	165	173	170	178	170
Carroll	320	301	278	260	258	248	231	209	192	176	172	169	168	166	161	164	170	168	164
Cass	412	384	354	318	306	284	252	238	206	180	168	166	159	156	161	159	163	155	148
Cedar	338	308	295	264	259	252	217	205	186	170	165	163	156	155	158	156	157	157	152
Cerro Gordo	366	376	342	313	306	297	261	225	197	176	174	173	175	170	172	172	173	181	180
Cherokee	371	343	310	281	284	282	264	250	222	202	199	196	194	191	194	187	191	190	186
Chickasaw	294	273	262	245	241	221	207	189	174	159	158	153	150	148	154	148	150	153	142
Clarke	327	348	329	309	316	272	281	255	226	206	188	191	180	170	171	168	167	168	151
Clay	428	409	360	333	318	308	276	257	218	196	194	190	191	193	192	182	193	201	205
Clayton	276	283	264	259	256	244	215	201	183	170	165	160	156	152	155	150	150	151	139
Clinton	290	270	262	254	256	238	211	199	179	166	160	158	157	149	149	148	154	149	152
Crawford	390	329	304	282	271	265	246	230	207	189	186	179	177	172	176	175	179	186	170
Dallas	353	331	304	286	268	264	238	223	198	169	155	158	145	148	152	149	154	146	138
Davis	301	309	290	292	285	292	255	237	212	197	179	171	163	156	157	152	145	139	125
Decatur	359	404	390	391	385	353	296	278	238	202	184	184	168	159	162	154	159	147	130
Delaware	255	246	244	238	231	226	194	181	172	161	160	158	155	150	157	153	152	159	159
Des Moines	296	283	280	276	270	257	227	197	180	159	151	145	139	130	139	125	126	125	114
Dickinson	393	365	356	349	346	326	284	252	221	194	189	183	187	182	190	188	200	212	223
Dubuque	213	208	198	198	207	197	188	192	181	175	167	163	156	147	159	151	154	152	148
Emmet	424	404	374	344	331	298	281	255	218	200	193	196	188	187	193	186	194	214	224
Fayette	312	284	279	266	254	238	208	187	171	157	152	153	144	141	146	141	139	143	136

Table 2. Average Size (Acres) of Farms in Iowa's Counties, 1900-1997 (continued).

County	1997	1992	1987	1982	1978	1974	1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900
Floyd	353	326	301	275	265	257	232	213	188	171	164	167	163	158	163	155	154	157	148
Franklin	402	370	342	314	291	271	245	220	193	176	168	169	168	168	174	172	175	186	194
Fremont	560	507	429	398	378	360	328	301	260	221	203	186	179	166	159	158	153	145	137
Greene	450	431	373	341	326	308	272	254	211	187	174	177	165	168	171	169	165	166	158
Grundy	426	372	308	282	267	246	224	207	190	180	176	176	174	174	177	179	182	180	178
Guthrie	359	348	330	295	290	263	256	220	193	177	168	163	153	147	152	151	155	152	143
Hamilton	441	381	339	309	283	273	245	218	191	175	170	168	166	160	164	161	162	161	162
Hancock	393	351	331	299	277	264	244	214	192	180	177	181	179	174	182	185	184	208	205
Hardin	397	337	317	295	279	268	235	217	181	171	162	165	163	157	161	160	164	157	153
Harrison	448	434	378	343	320	299	282	260	219	195	184	171	160	145	145	145	144	140	131
Henry	293	284	259	249	244	238	213	195	171	153	147	146	140	127	133	133	127	123	121
Howard	313	296	287	264	251	248	226	206	186	177	170	170	166	165	166	166	164	173	170
Humboldt	429	415	365	325	300	282	270	248	215	190	186	181	188	180	181	180	185	182	186
Ida	398	374	330	297	301	289	259	235	213	192	188	192	192	188	190	187	194	183	181
Iowa	340	329	312	314	297	289	252	234	201	189	181	177	170	163	167	160	160	156	150
Jackson	262	261	255	244	247	247	232	213	197	188	181	181	170	172	174	171	169	162	150
Jasper	349	329	292	282	259	243	228	211	187	165	160	158	152	145	147	146	149	139	140
Jefferson	298	307	303	277	267	257	229	202	183	161	152	151	148	138	138	137	134	130	122
Johnson	229	229	225	218	213	218	202	192	171	164	155	151	145	143	146	145	143	143	142
Jones	313	290	278	257	250	236	215	204	188	177	172	167	164	157	163	159	162	162	150
Keokuk	334	339	331	294	285	262	233	212	182	168	154	144	141	133	132	137	129	129	124
Kossuth	414	386	349	324	304	301	274	238	211	198	195	192	194	192	197	194	196	213	209
Lee	298	305	269	252	251	244	219	201	186	167	159	146	141	136	141	138	132	132	123
Linn	229	228	211	204	198	194	180	170	151	133	124	116	115	110	114	112	114	119	121
Louisa	340	345	314	299	287	280	263	242	214	193	189	178	179	160	168	151	155	154	147
Lucas	322	348	299	285	289	253	254	233	208	190	174	159	153	153	160	154	152	145	139
Lyon	303	291	278	257	250	253	243	217	196	192	190	195	195	193	199	192	201	211	222
Madison	321	298	277	272	264	264	259	235	208	186	173	173	158	155	161	154	158	146	136
Mahaska	322	293	275	266	254	232	220	198	173	150	143	137	129	123	125	121	123	118	112
Marion	294	270	247	238	237	220	207	201	178	163	154	146	139	140	141	142	140	127	120
Marshall	350	330	308	281	273	261	231	206	179	164	160	153	153	149	151	154	153	147	150
Mills	468	422	383	372	322	322	310	274	238	214	197	194	179	159	160	153	156	151	135
Mitchell	322	319	288	270	268	266	242	219	187	176	169	170	168	160	164	163	157	166	168

Table 2. Average Size (Acres) of Farms in Iowa's Counties, 1900-1997 (continued).

County	1997	1992	1987	1982	1978	1974	1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900
Monona	527	478	441	406	388	351	322	298	258	232	216	209	203	191	187	176	177	180	155
Monroe	314	328	306	292	299	261	249	235	210	192	180	175	160	148	150	131	138	135	132
Montgomery	421	389	354	330	328	299	264	238	210	188	174	164	163	158	165	154	157	151	140
Muscatine	280	274	259	237	232	220	210	194	166	154	154	144	146	136	139	139	137	142	134
O'Brien	367	316	294	271	276	264	243	224	199	182	182	184	181	176	182	183	183	189	195
Osceola	371	354	316	295	290	279	259	230	204	192	193	191	192	191	195	188	196	221	227
Page	366	348	333	315	294	274	239	232	202	185	170	160	158	148	151	147	146	140	128
Palo Alto	416	403	368	340	323	311	289	255	215	194	190	190	188	181	184	182	184	202	206
Plymouth	344	321	300	276	267	262	247	233	206	196	191	190	190	187	188	185	191	200	205
Pocahontas	459	391	354	323	308	289	265	242	203	188	179	182	177	173	174	171	175	182	182
Polk	282	276	238	223	228	234	199	185	154	134	115	109	102	98	105	106	111	105	117
Pottawattamie	405	377	329	304	293	294	246	226	202	174	166	161	152	139	142	146	150	146	142
Poweshiek	359	365	320	309	297	273	246	226	200	184	175	171	168	159	162	166	164	160	158
Ringgold	393	434	407	405	395	349	320	289	253	218	201	195	180	163	170	168	164	158	144
Sac	424	377	348	313	303	279	260	238	205	191	184	182	175	180	184	183	183	179	182
Scott	282	255	237	218	206	207	176	165	145	131	128	115	118	116	121	112	118	115	119
Shelby	372	325	299	271	268	267	242	224	199	183	176	172	173	169	171	174	173	167	156
Sioux	282	248	234	224	222	229	218	197	175	166	161	160	159	158	163	157	167	175	194
Story	360	335	287	271	262	251	243	223	189	166	159	154	153	147	151	152	148	147	146
Tama	344	311	297	278	263	248	232	211	188	173	172	163	162	160	162	172	171	169	161
Taylor	391	376	376	328	324	296	266	234	206	180	164	161	152	148	151	148	150	149	131
Union	336	352	337	305	296	297	270	255	223	190	180	176	164	159	158	157	159	156	147
Van Buren	319	321	313	307	289	277	253	229	203	187	173	169	163	152	152	152	145	141	134
Wapello	267	258	235	232	224	219	198	184	166	154	140	133	127	122	126	124	121	115	114
Warren	247	249	232	230	231	221	216	204	180	166	155	155	140	133	140	140	140	131	120
Washington	299	287	278	273	261	264	236	209	183	167	158	157	151	140	144	150	146	138	137
Wayne	393	385	379	352	347	331	281	255	223	201	191	184	182	168	172	168	168	164	146
Webster	440	386	337	309	298	278	255	240	203	178	172	166	162	156	165	163	166	171	167
Winnebago	398	360	327	291	269	257	242	195	172	154	154	152	152	144	151	146	158	167	158
Winneshiek	249	239	231	232	224	215	198	184	172	163	157	150	148	146	148	143	147	148	143
Woodbury	381	353	332	303	310	290	262	236	209	186	181	170	164	160	160	161	166	176	162
Worth	375	350	332	294	277	257	248	204	184	168	164	165	163	167	169	170	166	178	168
Wright	488	436	390	357	332	306	277	245	212	191	183	185	180	180	184	180	179	188	195
State of Iowa	343	325	301	283	274	262	239	219	194	176	169	165	160	154	158	156	157	156	151

agricultural censuses taken from 1910 through 1935. From that point, the trend toward increased farm size has been accelerating. From 1935 to 1954, the gain was 22 acres. In the next 20-year period, the increase was from 176 acres in 1954 to 262 acres in 1974, an addition of 86 acres. And from 1974 to 1997, another 81 acres were added and the average rose to 343 acres. In the approximately 100 years between 1900 and 1997, the average size of an Iowa farm more than doubled.

The greatest change in average acreage over a 10-year period occurred between 1959 and 1969, when farm size gained 45 acres from 194 to 239. The gain of 42 acres from 1987 to 1997 is only slightly below the 1959-1969 increase.

Gains in average farm size occurred in two-thirds (68) of the counties from 1900 to 1920, although only 10 counties had increases of 20 or more acres in that period. Average farm size decreased in 27 counties from 1900 to 1920, with the largest declines in Emmet (-30) and Osceola (-31). Nearly half (48) of Iowa's counties reported changes in average size of less than 10 acres in the first 20 years of the 20th century. Changes continued to be relatively modest between 1920 and 1935, when only 11 counties noted changes greater than 10 acres (7 declined by more than 10 acres and 4 gained more than 10), with no change as great as 20 acres. From 1935 to 1997, every county had an increase in the average number of acres per farm. The increase in average size was at least 200 acres in 47 counties, with the gains in Fremont, Harrison, Mills, Monona, and Wright exceeding 300 acres. Farm size more than doubled in 77 counties from 1935 to 1997. In 23 counties, the change in the average number of acres per farm was at least 150 percent, although the increase was greater than 200 percent only in Fremont and Harrison.

Changes between 1987 and 1997 continued previous trends. For the state, farm size increased by 42 acres. All counties had farms of larger average size in 1997 than in 1987 except Clarke, Decatur, Jefferson, Ringgold, and Union. Increases of 50 acres or more took place in 38 counties, including gains greater than 100 acres in six (Audubon, Fremont, Grundy, Hamilton, Pocahontas, Webster).

Note: These data are from the 1997 CENSUS OF AGRICULTURE (Volume 1: Geographic Area Series, Part 15: Iowa: State and County Data) published by the U.S. Department of Agriculture in 1999. Agricultural censuses from 1954 through 1987 also were used, as were general censuses from 1900 through 1950.

Value of Farm Land in Iowa's Counties: 1950, 1960, 1970, and 1980-2000

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A survey of the value of farm land is conducted annually under the auspices of the Iowa Agriculture and Home Economics Experiment Station at Iowa State University. Data are obtained from licensed real estate brokers, farm managers, rural appraisers, and selected others considered to be knowledgeable of land market conditions. Approximately 1,100 surveys are mailed each year; normally, 500-600 are completed. These data are used to estimate a state average and figures for regions in the state. County estimates are derived from these figures through a procedure that combines survey data with information obtained from the U.S. Census of Agriculture. The target date for which information is requested is November 1st each year. Caution is urged in examining the farm land value figures. These numbers are not exact; rather, they provide information on trends that are occurring in the land market.

Average farm land values increased from \$218 in 1950 to \$261 in 1960 and \$419 in 1970 (Table 1). Rapid gains occurred in the 1970s; the average was \$2,066 per acre in Iowa in 1980. After a slight increase from 1980 to 1981, the value fell to \$787 in 1986. Since that point, an acre of farm land in Iowa increased steadily again to an average value of \$1,837 in 1997. The 2000 figure of \$1,857 was the first gain since 1997 (Figure 1) and is the highest since 1981.

The value of an acre of farm land varies considerably across Iowa. In 2000, for example, the value was less than \$1,500 in 19 counties, most of which were clustered in southern Iowa. In contrast, 45 counties averaged \$2,000 or more, although only Scott exceeded \$2,500. In 1950, when the average statewide was \$218 per acre, 14 counties were below \$150 while five were above \$300.

In percentage terms, the value of farm land in Iowa increased at a moderate rate in the 1950s (+19.7%), escalated in the 1960s (+60.5%), and rocketed upward in the 1970s (+393.1%), only to fall between 1980 and 1990 (-41.2%) (Table 2). Much of the loss in the 1980s was regained in the 1990s (+53.0%). That pattern was repeated in the counties, although the gains and declines were sharper in some than in others. In the 1950s, for example, the value of an average acre of farm land increased by less than 10 percent in 16 counties, while gains of at least 30 percent occurred in 15 others.

In the decade of great gain (the 1970s), farm land jumped in value by at least 450 percent in seven counties (Chickasaw, Floyd, Franklin, Hancock, Kossuth, Winnebago, Worth), most of which are in north-central Iowa. Although all counties gained by at least 300 percent, 20 increased by less than 350 percent. In contrast, all counties had lower farm land values in 1990 than in 1980. Nine had percentage declines at least five points greater than that for the state (-41.2%), while five others had percentage declines in the 1980s that were five or more points less than that for Iowa. Farm land values increased in all counties from 1990 to 2000. Seventeen gained by at least 10 percentage points above that for Iowa (+53.0%), although another 18 increased but at rates 10 points below the state's figure.

Inflation affects the changes reported in Tables 1 and 2. When farm land values were adjusted for inflation, the relatively small difference between the 1950 (\$1,521) and 2000 (\$1,857) figures was striking (Table 3, Figure 2). In 42 counties, the value of farm land was lower in 1990 than it was in 1950 after inflation was taken into account. When data for the most recent year were compared with 1950, however, in only Montgomery and Page were the 2000 figures lower than the 1950 adjusted numbers; this attests to the general increase in land values throughout much of the last decade. The great percentage increase in the 1970s remained high even after inflation was incorporated (Table 4), although it was

Table 1. Per Acre Value (in \$s) of Farm Land in Iowa's Counties, 1950, 1960, 1970, 1980-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1970	1960	1950
Adair	1189	1137	1166	1179	1046	937	850	807	775	753	734	674	619	557	507	606	833	1035	1176	1367	1335	308	168	152
Adams	1204	1141	1171	1190	1070	957	884	832	800	781	769	715	667	578	519	612	835	1047	1156	1372	1312	291	170	159
Allamakee	1228	1181	1121	1096	968	854	813	732	749	735	770	697	611	532	483	592	856	1062	1143	1300	1227	233	145	115
Appanoose	816	803	798	799	714	615	568	560	556	526	502	455	423	373	351	421	581	747	891	1007	906	206	108	97
Audubon	1839	1730	1737	1784	1647	1441	1378	1275	1255	1222	1217	1149	1072	850	751	851	1164	1525	1608	1965	1937	394	249	227
Benton	2151	2094	2116	2188	2023	1693	1566	1464	1450	1416	1415	1316	1199	1004	915	1121	1649	1988	2101	2479	2404	506	323	268
Black Hawk	2394	2298	2296	2314	2128	1792	1654	1586	1532	1501	1515	1420	1330	1095	1010	1258	1867	2280	2432	2918	2812	553	347	257
Boone	2328	2277	2338	2453	2260	1858	1727	1590	1577	1540	1553	1435	1340	1094	987	1174	1762	2159	2272	2685	2592	545	341	283
Bremer	2176	2078	2029	1997	1814	1562	1451	1358	1322	1298	1324	1235	1108	931	861	1082	1588	1934	2078	2463	2259	420	267	193
Buchanan	2142	2052	2034	2015	1840	1576	1460	1382	1342	1317	1336	1248	1132	953	883	1112	1629	1949	2091	2479	2269	419	255	190
Buena Vista	2319	2203	2275	2380	2171	1861	1760	1695	1675	1648	1649	1576	1470	1129	974	1099	1590	2202	2257	2773	2738	522	355	311
Butler	2106	2023	2095	2117	1943	1646	1524	1447	1393	1371	1385	1309	1239	1013	921	1143	1696	2083	2217	2680	2566	478	304	231
Calhoun	2354	2284	2345	2458	2258	1881	1758	1724	1707	1672	1682	1572	1414	1132	1006	1179	1752	2266	2366	2833	2805	568	365	309
Carroll	2066	1952	2036	2125	1950	1665	1579	1571	1567	1529	1523	1439	1320	1014	891	994	1415	1962	2014	2450	2425	473	314	288
Cass	1620	1528	1530	1558	1406	1260	1169	1081	1040	1017	1006	939	873	748	668	782	1066	1341	1463	1751	1731	379	221	206
Cedar	2365	2308	2312	2340	2196	1906	1738	1645	1595	1560	1504	1418	1289	1184	1105	1443	2010	2273	2425	2792	2612	565	365	281
Cerro Gordo	2189	2099	2169	2185	2001	1709	1587	1503	1438	1421	1437	1372	1307	1063	957	1192	1764	2203	2342	2857	2735	503	312	230
Cherokee	2041	1918	1948	2026	1863	1606	1532	1451	1445	1409	1402	1329	1243	950	832	922	1290	1813	1862	2280	2309	452	295	260
Chickasaw	1744	1666	1653	1627	1476	1272	1183	1106	1079	1060	1082	1008	920	774	715	898	1317	1605	1725	2042	1876	341	207	159
Clarke	956	932	927	930	830	723	664	656	644	614	591	538	482	429	399	478	659	831	977	1114	1059	257	143	123
Clay	2139	2033	2117	2215	2020	1732	1638	1564	1546	1521	1521	1454	1348	1035	893	1007	1456	2002	2051	2519	2478	464	307	260
Clayton	1686	1622	1485	1452	1282	1131	1077	928	949	932	976	884	765	666	604	741	1072	1355	1458	1659	1583	328	216	169
Clinton	1961	1897	1864	1880	1739	1495	1374	1315	1292	1270	1246	1162	1073	985	918	1193	1673	1909	2050	2331	2163	428	265	204
Crawford	1828	1718	1731	1789	1656	1435	1378	1309	1299	1265	1260	1194	1124	868	763	852	1176	1601	1663	2041	2027	396	259	242
Dallas	1971	1911	1897	1977	1816	1523	1419	1296	1278	1248	1253	1161	1041	854	768	909	1332	1658	1757	2087	2061	429	266	236
Davis	1063	1027	1006	1001	915	814	751	694	680	648	627	579	544	475	440	536	746	917	1035	1202	1100	242	138	121
Decatur	765	752	757	757	677	583	538	540	536	507	485	439	392	347	326	391	540	684	817	922	837	197	113	99
Delaware	2263	2181	2110	2081	1869	1630	1531	1417	1421	1395	1432	1314	1194	1043	957	1195	1722	2077	2234	2565	2347	445	265	195
Des Moines	1773	1695	1747	1732	1605	1458	1345	1252	1219	1167	1137	1064	985	854	781	964	1349	1634	1763	2095	2007	445	257	197
Dickinson	1975	1855	1921	2011	1836	1573	1489	1434	1434	1400	1392	1319	1202	908	793	869	1236	1795	1823	2225	2139	396	256	230
Dubuque	2034	1960	1863	1829	1624	1428	1354	1251	1272	1250	1298	1180	1054	924	841	1040	1498	1867	2008	2285	2175	406	245	181
Emmet	2205	2095	2223	2327	2122	1819	1720	1612	1593	1567	1568	1499	1387	1065	919	1037	1500	2026	2076	2551	2486	454	294	246
Fayette	1966	1884	1847	1812	1623	1414	1330	1235	1232	1209	1250	1149	1046	895	820	1018	1483	1845	1984	2304	2133	391	231	168

Table 1. Per Acre Value (in \$s) of Farm Land in Iowa's Counties, 1950, 1960, 1970, 1980-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1970	1960	1950
Floyd	2029	1932	1950	1924	1769	1507	1387	1311	1250	1227	1238	1169	1119	924	862	1096	1618	1949	2093	2527	2387	351	278	202
Franklin	2161	2094	2216	2291	2092	1784	1672	1583	1522	1512	1532	1473	1389	1113	965	1167	1736	2198	2308	2837	2788	502	318	251
Fremont	1554	1469	1517	1539	1361	1239	1117	1076	1019	1000	983	909	839	760	683	816	1118	1370	1522	1793	1835	407	233	216
Greene	2035	1966	2039	2133	1964	1639	1536	1502	1492	1456	1462	1362	1244	995	890	1037	1526	1987	2077	2479	2444	514	324	279
Grundy	2395	2324	2416	2491	2294	1905	1766	1660	1628	1592	1606	1493	1403	1149	1047	1272	1899	2339	2477	2947	2833	562	346	270
Guthrie	1665	1585	1589	1638	1516	1306	1244	1130	1112	1084	1084	1017	939	754	671	775	1084	1373	1455	1763	1738	354	217	197
Hamilton	2467	2409	2526	2647	2429	2026	1892	1758	1727	1699	1717	1614	1498	1211	1068	1272	1904	2388	2505	3013	2900	566	351	295
Hancock	2214	2139	2226	2286	2086	1787	1673	1571	1508	1499	1519	1464	1375	1105	962	1173	1740	2209	2326	2865	2778	504	315	242
Hardin	2208	2156	2291	2401	2203	1838	1716	1616	1587	1562	1578	1484	1395	1127	994	1184	1772	2199	2306	2775	2688	512	320	265
Harrison	1700	1601	1527	1558	1427	1265	1196	1090	1060	1033	1026	964	882	728	647	748	1016	1298	1399	1694	1657	350	212	202
Henry	1716	1640	1681	1666	1545	1404	1295	1208	1176	1126	1098	1027	932	808	738	911	1276	1518	1638	1947	1830	410	254	205
Howard	1571	1500	1474	1451	1316	1134	1055	976	952	935	955	889	803	676	625	784	1150	1412	1517	1796	1645	305	191	149
Humboldt	2363	2303	2398	2510	2294	1940	1820	1709	1662	1648	1669	1595	1510	1208	1042	1243	1855	2399	2509	3069	3048	582	364	297
Ida	2056	1932	1940	2002	1855	1609	1547	1456	1443	1405	1401	1327	1247	965	848	949	1307	1770	1842	2262	2278	462	294	260
Iowa	1817	1743	1775	1798	1674	1475	1365	1258	1230	1189	1179	1103	1013	855	773	947	1364	1609	1684	2018	1953	430	283	242
Jackson	1713	1663	1607	1599	1449	1260	1176	1107	1107	1088	1099	1012	940	843	776	983	1398	1670	1795	2041	1912	369	222	168
Jasper	1892	1813	1845	1856	1726	1536	1420	1319	1288	1242	1225	1146	1078	916	831	1021	1458	1720	1816	2171	2060	447	285	242
Jefferson	1327	1268	1293	1282	1189	1080	997	927	903	864	842	789	700	606	554	684	958	1107	1195	1420	1303	288	177	154
Johnson	2266	2175	2197	2195	2059	1849	1697	1544	1496	1449	1409	1329	1228	1089	1000	1275	1783	2039	2148	2539	2365	510	324	260
Jones	1854	1811	1773	1784	1644	1416	1305	1224	1206	1185	1170	1088	980	895	832	1076	1513	1732	1860	2116	1985	395	253	200
Keokuk	1620	1534	1553	1536	1439	1329	1226	1168	1131	1087	1065	1005	885	763	691	861	1210	1380	1438	1740	1611	360	241	211
Kossuth	2282	2214	2325	2431	2213	1899	1792	1650	1594	1590	1612	1563	1447	1143	966	1146	1700	2206	2296	2852	2804	499	322	262
Lee	1567	1516	1515	1508	1376	1222	1128	1036	1016	968	936	865	814	711	657	802	1116	1396	1577	1831	1740	391	223	177
Linn	2357	2303	2252	2288	2136	1834	1678	1579	1537	1506	1465	1375	1254	1135	1056	1367	1923	2203	2351	2710	2492	510	323	261
Louisa	1979	1901	1953	1952	1831	1642	1506	1447	1402	1358	1320	1246	1108	984	904	1153	1612	1842	1942	2293	2108	445	270	218
Lucas	873	858	854	855	764	658	608	612	607	574	549	497	459	406	382	457	632	787	939	1061	980	229	126	110
Lyon	2000	1878	1911	2000	1827	1565	1482	1437	1437	1403	1395	1322	1235	933	814	892	1270	1869	1897	2316	2325	447	296	265
Madison	1456	1394	1384	1409	1257	1113	1013	983	946	921	905	834	718	637	577	689	960	1193	1333	1559	1482	327	181	167
Mahaska	1655	1581	1585	1572	1457	1324	1222	1153	1122	1075	1047	979	859	745	681	841	1177	1401	1512	1797	1689	386	240	205
Marion	1581	1532	1491	1485	1354	1200	1108	1058	1039	989	955	881	808	706	654	797	1108	1363	1545	1790	1695	390	224	186
Marshall	2015	1952	1996	2058	1906	1623	1505	1410	1388	1349	1349	1254	1170	971	877	1059	1557	1865	1957	2329	2232	473	303	260
Mills	1698	1605	1595	1618	1431	1302	1174	1091	1033	1014	997	922	862	781	702	838	1148	1438	1598	1881	1884	418	234	220
Mitchell	1987	1892	1855	1831	1683	1434	1319	1250	1191	1169	1180	1114	1057	888	829	1054	1555	1889	2028	2449	2319	426	265	191

Table 1. Per Acre Value (in \$s) of Farm Land in Iowa's Counties, 1950, 1960, 1970, 1980-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1970	1960	1950
Monona	1561	1468	1433	1468	1371	1198	1162	1065	1050	1020	1019	965	912	715	632	715	966	1233	1302	1605	1560	320	198	186
Monroe	1081	1043	1010	1004	920	821	758	715	701	668	647	599	530	462	427	522	727	879	982	1146	1062	240	146	130
Montgomery	1443	1364	1404	1425	1259	1146	1034	993	940	922	907	838	789	716	643	768	1052	1318	1464	1724	1751	411	232	221
Muscatine	2142	2082	2119	2139	2007	1755	1603	1498	1452	1417	1369	1290	1169	1065	990	1287	1793	2052	2183	2528	2311	493	307	244
O'Brien	2468	2318	2409	2522	2303	1973	1868	1807	1808	1766	1755	1663	1555	1175	1026	1124	1599	2310	2345	2863	2810	523	346	302
Osceola	2112	1983	2097	2196	2005	1717	1627	1578	1579	1542	1532	1452	1357	1025	895	981	1396	2011	2042	2493	2475	464	302	263
Page	1302	1231	1249	1267	1120	1020	919	887	840	824	811	749	706	640	575	687	941	1220	1355	1595	1626	392	226	216
Palo Alto	2133	2051	2144	2242	2042	1752	1655	1540	1503	1490	1501	1446	1333	1040	887	1029	1510	1968	2033	2514	2511	465	303	249
Plymouth	2146	2017	1975	2038	1888	1638	1576	1415	1404	1367	1362	1290	1224	947	833	932	1283	1736	1806	2218	2254	459	288	253
Pocahontas	2329	2257	2329	2437	2224	1893	1781	1684	1641	1627	1644	1577	1464	1159	995	1173	1738	2272	2364	2905	2891	560	373	311
Polk	2026	1973	2012	2081	1916	1612	1495	1427	1410	1369	1367	1265	1177	977	886	1063	1565	1967	2097	2473	2400	513	312	270
Pottawattamie	1809	1707	1628	1656	1490	1339	1236	1138	1093	1069	1057	984	909	786	702	825	1126	1433	1568	1872	1848	410	238	224
Poweshiek	1811	1735	1779	1798	1674	1483	1371	1258	1228	1187	1175	1101	1027	868	785	963	1385	1620	1695	2033	1959	425	268	240
Ringgold	918	889	878	883	786	692	633	626	610	586	566	517	471	420	388	465	640	806	937	1075	1001	240	137	127
Sac	2206	2084	2125	2217	2035	1738	1648	1639	1635	1595	1589	1501	1377	1058	930	1037	1476	2052	2107	2564	2543	496	327	294
Scott	3018	2970	2859	2913	2735	2332	2119	2017	1956	1923	1845	1739	1566	1463	1376	1820	2528	2856	3064	3484	3207	664	423	330
Shelby	1807	1702	1650	1685	1546	1369	1298	1186	1156	1126	1120	1052	996	816	725	835	1133	1486	1595	1937	1980	430	261	236
Sioux	2319	2178	2144	2230	2050	1766	1685	1562	1556	1517	1510	1431	1346	1028	900	996	1396	1966	2018	2470	2506	503	324	287
Story	2384	2327	2415	2525	2328	1928	1792	1654	1638	1598	1608	1488	1379	1129	1019	1216	1818	2239	2355	2788	2691	552	339	282
Tama	1965	1903	1927	1983	1833	1549	1436	1330	1306	1272	1275	1186	1105	913	828	1004	1483	1806	1903	2266	2192	456	290	245
Taylor	1051	1007	1006	1016	901	806	732	712	685	664	647	594	544	489	446	533	732	910	1037	1203	1161	279	159	147
Union	1108	1074	1066	1072	955	840	768	751	732	702	678	619	566	505	466	558	769	978	1138	1304	1255	309	172	149
Van Buren	1173	1134	1130	1124	1027	915	844	773	758	723	699	647	598	522	483	589	821	993	1117	1300	1202	274	156	135
Wapello	1251	1195	1175	1165	1080	983	907	833	811	777	757	708	632	548	500	618	865	1021	1101	1309	1218	268	167	147
Warren	1589	1551	1500	1522	1370	1175	1083	1050	1035	992	966	882	793	688	636	761	1072	1384	1584	1820	1667	384	213	181
Washington	2071	1960	2031	2008	1882	1737	1603	1501	1454	1397	1368	1291	1151	992	899	1120	1574	1785	1860	2251	2079	466	314	261
Wayne	833	819	839	840	751	646	597	607	602	570	544	493	454	401	377	452	624	800	955	1079	976	225	124	110
Webster	2432	2375	2473	2592	2379	1983	1852	1721	1691	1664	1681	1580	1460	1180	1041	1240	1856	2354	2470	2969	2878	571	357	294
Winnebago	1995	1927	2033	2087	1905	1632	1527	1446	1389	1380	1399	1347	1246	1001	872	1063	1578	2020	2126	2619	2574	454	282	221
Winneshiek	1600	1534	1477	1449	1298	1131	1064	976	974	956	989	908	820	701	642	797	1161	1444	1553	1803	1670	318	199	156
Woodbury	1665	1565	1587	1628	1517	1324	1282	1168	1153	1121	1119	1060	1002	783	691	781	1059	1390	1463	1802	1759	350	224	209
Worth	2005	1923	2011	2025	1854	1584	1471	1402	1341	1325	1340	1279	1187	966	871	1084	1604	1998	2124	2590	2503	444	275	207
Wright	2434	2372	2489	2604	2380	2014	1890	1763	1714	1700	1722	1646	1529	1224	1055	1259	1878	2401	2511	3072	2921	554	348	292
State of Iowa	1857	1781	1801	1837	1682	1455	1356	1295	1249	1219	1214	1139	1054	875	787	948	1357	1691	1801	2147	2066	419	261	218

Table 2. Percentage Change in Per Acre Value of Farm Land by Selected Periods in Iowa's Counties, 1950-2000.

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960
Adair	62.0	-45.0	333.4	83.3	10.5	Jefferson	57.6	-35.4	352.4	62.7	14.9
Adams	56.6	-41.4	350.9	71.2	6.9	Johnson	60.8	-40.4	363.7	57.4	24.6
Allamakee	59.5	-37.5	426.6	60.7	26.1	Jones	58.5	-41.1	402.5	56.1	26.5
Appanoose	62.5	-44.6	339.8	90.7	11.3	Keokuk	52.1	-33.9	347.5	49.4	14.2
Audubon	51.1	-37.2	391.6	58.2	9.7	Kossuth	41.6	-42.5	461.9	55.0	22.9
Benton	52.0	-41.1	375.1	56.7	20.5	Lee	67.4	-46.2	345.0	75.3	26.0
Black Hawk	58.0	-46.1	408.5	59.4	35.0	Linn	60.9	-41.2	388.6	57.9	23.8
Boone	49.9	-40.1	375.6	59.8	20.5	Louisa	49.9	-37.4	373.7	64.8	23.8
Bremer	64.4	-41.4	437.9	57.3	38.3	Lucas	59.0	-44.0	328.0	81.8	14.6
Buchanan	60.3	-41.1	441.5	64.3	34.2	Lyon	43.4	-40.0	420.1	51.0	11.7
Buena Vista	40.6	-39.7	424.5	47.0	14.2	Madison	60.9	-38.9	353.2	80.7	8.4
Butler	52.1	-46.0	436.8	57.2	31.6	Mahaska	58.1	-38.0	337.6	60.8	17.1
Calhoun	40.0	-40.0	393.8	55.6	18.1	Marion	65.5	-43.7	334.6	74.1	20.4
Carroll	35.7	-37.2	412.7	50.6	9.0	Marshall	49.4	-39.6	371.9	56.1	16.5
Cass	61.0	-41.9	356.7	71.5	7.3	Mills	70.3	-47.1	350.7	78.6	6.4
Cedar	57.2	-42.4	362.3	54.8	29.9	Mitchell	68.4	-49.1	444.4	60.8	38.7
Cerro Gordo	52.3	-47.5	443.7	61.2	35.6	Monona	53.2	-34.7	387.5	61.6	6.4
Cherokee	45.6	-39.3	410.8	53.2	13.5	Monroe	67.1	-39.1	342.5	64.4	12.3
Chickasaw	61.2	-42.3	450.2	64.7	30.2	Montgomery	59.1	-48.2	326.0	77.2	5.0
Clarke	61.8	-44.2	312.1	79.7	16.3	Muscatine	56.5	-40.8	368.8	60.6	25.8
Clay	40.6	-38.6	434.0	51.1	18.1	O'Brien	40.6	-37.5	437.3	51.2	14.6
Clayton	72.7	-38.3	382.6	51.8	27.8	Osceola	37.9	-38.1	433.4	53.6	14.8
Clinton	57.4	-42.4	405.4	61.5	29.9	Page	60.5	-50.1	314.8	73.4	4.6
Crawford	45.1	-37.8	411.9	52.9	7.0	Palo Alto	42.1	-40.2	440.0	53.5	21.7
Dallas	57.3	-39.2	380.4	61.3	12.7	Plymouth	57.6	-39.6	391.1	59.4	13.8
Davis	69.5	-43.0	354.6	75.4	14.0	Pocahontas	41.7	-43.1	416.2	50.1	19.9
Decatur	57.7	-42.0	324.9	74.3	14.1	Polk	48.2	-43.0	367.8	64.4	15.6
Delaware	58.0	-39.0	427.4	67.9	35.9	Pottawattamie	71.1	-42.8	350.7	72.3	6.2
Des Moines	55.9	-43.4	351.0	73.2	30.5	Poweshiek	54.1	-40.0	360.9	58.6	11.7
Dickinson	41.9	-34.9	440.2	54.7	11.3	Ringgold	62.2	-43.5	317.1	75.2	7.9
Dubuque	56.7	-40.3	435.7	65.7	35.4	Sac	38.8	-37.5	412.7	51.7	11.2
Emmet	40.6	-36.9	447.6	54.4	19.5	Scott	63.6	-42.5	383.0	57.0	28.2
Fayette	57.3	-41.4	445.5	69.3	37.5	Shelby	61.3	-43.4	360.5	64.8	10.6
Floyd	63.9	-48.1	580.1	26.3	37.6	Sioux	53.6	-39.7	398.2	55.2	12.9
Franklin	41.1	-45.0	455.4	57.9	26.7	Story	48.3	-40.2	387.5	62.8	20.2
Fremont	58.1	-46.4	350.9	74.7	7.9	Tama	54.1	-41.8	380.7	57.2	18.4
Greene	39.2	-40.2	375.5	58.6	16.1	Taylor	62.4	-44.3	316.1	75.5	8.2
Grundy	49.1	-43.3	404.1	62.4	28.2	Union	63.4	-46.0	306.2	79.6	15.4
Guthrie	53.6	-37.6	391.0	63.1	10.2	Van Buren	67.8	-41.8	338.7	75.6	15.6
Hamilton	43.7	-40.8	412.4	61.2	19.0	Wapello	65.3	-37.8	354.5	60.5	13.6
Hancock	45.8	-45.3	451.2	60.0	30.2	Warren	64.5	-42.0	334.1	80.3	17.7
Hardin	39.9	-41.3	425.0	60.0	20.8	Washington	51.4	-34.2	346.1	48.4	20.3
Harrison	65.7	-38.1	373.4	65.1	5.0	Wayne	53.1	-44.3	333.8	81.4	12.7
Henry	56.3	-40.0	346.3	61.4	23.9	Webster	44.7	-41.6	404.0	59.9	21.4
Howard	64.5	-42.0	439.3	59.7	28.2	Winnebago	42.6	-45.6	467.0	61.0	27.6
Humboldt	41.6	-45.2	423.7	59.9	22.6	Winneshiek	61.8	-40.8	425.2	59.8	27.6
Ida	46.8	-38.5	393.1	57.1	13.1	Woodbury	48.8	-36.4	402.6	56.2	7.2
Iowa	54.1	-39.6	354.2	51.9	16.9	Worth	49.6	-46.5	463.7	61.4	32.8
Jackson	55.9	-42.5	418.2	66.2	32.1	Wright	41.3	-41.0	427.3	59.2	19.2
Jasper	54.4	-40.5	360.8	56.8	17.8						
						State of Iowa	53.0	-41.2	393.1	60.5	19.7

Table 3. Adjusted Per Acre Value (in 2000 \$s) of Farm Land in Iowa's Counties, 1950, 1960, 1970, 1980-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1970	1960	1950
Adair	1189	1177	1233	1264	1146	1057	986	960	948	947	961	929	894	836	789	957	1362	1751	2050	2526	2719	1332	954	1061
Adams	1204	1181	1239	1276	1173	1079	1025	989	978	983	1006	985	963	868	807	967	1366	1771	2015	2535	2672	1259	965	1109
Allamakee	1228	1222	1186	1175	1061	963	943	870	916	925	1008	960	882	799	751	935	1400	1797	1993	2402	2499	1008	823	802
Appanoose	816	831	844	857	782	694	659	666	680	662	657	627	611	560	546	665	950	1264	1553	1861	1845	891	613	677
Audubon	1839	1790	1837	1912	1805	1625	1598	1516	1534	1537	1593	1583	1548	1277	1168	1344	1904	2580	2803	3631	3945	1704	1414	1584
Benton	2151	2167	2238	2346	2217	1909	1816	1741	1773	1781	1852	1813	1731	1508	1423	1771	2697	3363	3663	4580	4897	2189	1834	1870
Black Hawk	2394	2378	2429	2481	2332	2021	1918	1886	1873	1888	1983	1956	1921	1644	1571	1987	3054	3857	4240	5391	5728	2392	1970	1793
Boone	2328	2356	2473	2630	2477	2095	2003	1891	1928	1937	2033	1977	1935	1643	1535	1854	2882	3652	3961	4961	5279	2358	1936	1975
Bremer	2176	2150	2146	2141	1988	1762	1683	1615	1616	1633	1733	1701	1600	1398	1339	1709	2597	3272	3622	4551	4601	1817	1516	1347
Buchanan	2142	2123	2152	2160	2016	1777	1693	1643	1641	1657	1749	1719	1635	1431	1374	1757	2664	3297	3645	4580	4622	1813	1448	1326
Buena Vista	2319	2280	2407	2551	2379	2099	2041	2015	2048	2073	2158	2171	2123	1696	1515	1736	2601	3725	3935	5123	5577	2258	2016	2170
Butler	2106	2093	2216	2269	2129	1856	1767	1721	1703	1725	1813	1803	1789	1521	1433	1805	2774	3524	3865	4952	5227	2068	1726	1612
Calhoun	2354	2363	2481	2635	2474	2121	2039	2050	2087	2103	2201	2166	2042	1700	1565	1862	2866	3833	4125	5234	5713	2457	2073	2156
Carroll	2066	2020	2154	2278	2137	1878	1831	1868	1916	1924	1993	1982	1906	1523	1386	1570	2314	3319	3511	4527	4939	2046	1783	2010
Cass	1620	1581	1618	1670	1541	1421	1356	1285	1272	1279	1317	1294	1261	1123	1039	1235	1744	2269	2550	3235	3526	1640	1255	1437
Cedar	2365	2388	2446	2509	2406	2150	2016	1956	1950	1963	1968	1953	1861	1778	1719	2279	3287	3845	4227	5158	5320	2444	2073	1961
Cerro Gordo	2189	2172	2294	2342	2193	1927	1841	1787	1758	1788	1881	1890	1887	1596	1489	1883	2885	3727	4083	5279	5571	2176	1772	1605
Cherokee	2041	1985	2061	2172	2042	1811	1777	1725	1767	1773	1835	1831	1795	1427	1294	1456	2110	3067	3246	4213	4703	1955	1675	1814
Chickasaw	1744	1724	1749	1744	1617	1435	1372	1315	1319	1334	1416	1389	1329	1162	1112	1418	2154	2715	3007	3773	3821	1475	1175	1109
Clarke	956	964	981	997	910	815	770	780	787	772	773	741	696	644	621	755	1078	1406	1703	2058	2157	1112	812	858
Clay	2139	2104	2239	2375	2214	1953	1900	1860	1890	1914	1991	2003	1947	1554	1389	1591	2381	3387	3575	4654	5047	2007	1743	1814
Clayton	1686	1678	1571	1557	1405	1276	1249	1103	1160	1173	1277	1218	1105	1000	940	1170	1753	2292	2542	3065	3224	1419	1227	1179
Clinton	1961	1963	1972	2015	1906	1686	1593	1564	1580	1598	1631	1601	1549	1479	1428	1884	2736	3229	3574	4307	4406	1851	1505	1423
Crawford	1828	1778	1831	1918	1815	1618	1598	1557	1588	1591	1649	1645	1623	1304	1187	1346	1923	2708	2899	3771	4129	1713	1471	1689
Dallas	1971	1977	2007	2119	1990	1718	1646	1541	1562	1570	1640	1599	1503	1283	1195	1436	2179	2805	3063	3856	4198	1856	1510	1647
Davis	1063	1063	1064	1073	1003	918	871	825	831	815	821	798	786	713	684	847	1220	1551	1804	2221	2241	1047	784	844
Decatur	765	778	801	812	742	657	624	642	655	638	635	605	566	521	507	618	883	1157	1424	1703	1705	852	642	691
Delaware	2263	2257	2232	2231	2048	1838	1776	1685	1737	1755	1874	1810	1724	1566	1489	1888	2816	3514	3894	4739	4780	1925	1505	1361
Des Moines	1773	1754	1848	1857	1759	1644	1560	1489	1490	1468	1488	1466	1422	1283	1215	1523	2206	2764	3073	3871	4088	1925	1459	1375
Dickinson	1975	1919	2032	2156	2012	1774	1727	1705	1753	1761	1822	1817	1736	1364	1234	1373	2022	3037	3178	4111	4357	1713	1454	1605
Dubuque	2034	2028	1971	1961	1780	1610	1570	1488	1555	1573	1699	1626	1522	1388	1308	1643	2450	3158	3500	4222	4430	1756	1391	1263
Emmet	2205	2168	2352	2495	2325	2051	1995	1917	1948	1971	2052	2065	2003	1599	1430	1638	2453	3427	3619	4713	5064	1964	1669	1717
Fayette	1966	1949	1954	1943	1779	1595	1542	1469	1506	1521	1636	1583	1510	1344	1276	1608	2426	3121	3459	4257	4345	1691	1312	1172

Table 3. Adjusted Per Acre Value (in 2000 \$s) of Farm Land in Iowa's Counties, 1950, 1960, 1970, 1980-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1970	1960	1950
Floyd	2029	1999	2063	2063	1939	1700	1609	1559	1528	1544	1620	1610	1616	1388	1341	1731	2646	3297	3649	4669	4862	1518	1579	1410
Franklin	2161	2167	2344	2456	2292	2012	1939	1882	1861	1902	2005	2029	2006	1671	1501	1843	2839	3718	4023	5242	5679	2172	1806	1751
Fremont	1554	1520	1605	1650	1491	1397	1295	1279	1246	1258	1287	1252	1212	1141	1063	1289	1829	2318	2653	3313	3738	1761	1323	1507
Greene	2035	2034	2157	2287	2152	1848	1781	1786	1824	1832	1913	1876	1796	1494	1385	1638	2496	3361	3621	4580	4978	2224	1840	1947
Grundy	2395	2405	2556	2670	2514	2148	2048	1974	1990	2003	2102	2057	2026	1726	1629	2009	3106	3957	4318	5445	5770	2431	1965	1884
Guthrie	1665	1640	1681	1756	1661	1473	1443	1344	1360	1364	1419	1401	1356	1132	1044	1224	1773	2323	2536	3257	3540	1531	1232	1375
Hamilton	2467	2493	2672	2838	2662	2285	2194	2090	2111	2137	2247	2223	2163	1819	1661	2009	3114	4040	4367	5567	5907	2448	1993	2058
Hancock	2214	2213	2355	2451	2286	2015	1940	1868	1844	1886	1988	2017	1986	1659	1497	1853	2846	3737	4055	5293	5658	2180	1789	1689
Hardin	2208	2231	2423	2574	2414	2073	1990	1922	1940	1965	2065	2044	2014	1693	1546	1870	2898	3720	4020	5127	5475	2215	1817	1849
Harrison	1700	1657	1615	1670	1564	1427	1387	1296	1296	1300	1343	1328	1274	1093	1007	1182	1662	2196	2439	3130	3375	1514	1204	1410
Henry	1716	1697	1778	1786	1693	1583	1502	1436	1438	1417	1437	1415	1346	1213	1148	1439	2087	2568	2855	3597	3727	1774	1442	1430
Howard	1571	1552	1559	1556	1442	1279	1224	1161	1164	1176	1250	1225	1160	1015	972	1238	1881	2389	2645	3318	3351	1319	1085	1040
Humboldt	2363	2383	2537	2691	2514	2188	2111	2032	2032	2073	2184	2197	2180	1814	1621	1963	3034	4058	4374	5670	6208	2518	2067	2072
Ida	2056	1999	2052	2146	2033	1815	1794	1731	1764	1768	1834	1828	1801	1449	1319	1499	2138	2994	3211	4179	4640	1999	1669	1814
Iowa	1817	1804	1878	1927	1834	1663	1583	1496	1504	1496	1543	1519	1463	1284	1203	1496	2231	2722	2936	3728	3978	1860	1607	1689
Jackson	1713	1721	1700	1714	1588	1421	1364	1316	1353	1369	1438	1394	1357	1266	1207	1553	2287	2825	3129	3771	3894	1596	1261	1172
Jasper	1892	1876	1952	1990	1891	1732	1647	1568	1575	1563	1603	1579	1557	1376	1293	1613	2385	2910	3166	4011	4196	1934	1618	1689
Jefferson	1327	1312	1368	1374	1303	1218	1156	1102	1104	1087	1102	1087	1011	910	862	1080	1567	1873	2083	2624	2654	1246	1005	1075
Johnson	2266	2251	2324	2353	2256	2085	1968	1836	1829	1823	1844	1831	1773	1635	1556	2014	2916	3449	3744	4691	4817	2206	1840	1814
Jones	1854	1874	1876	1912	1802	1597	1513	1455	1474	1491	1531	1499	1415	1344	1294	1700	2475	2930	3242	3910	4043	1709	1437	1396
Keokuk	1620	1587	1643	1647	1577	1499	1422	1389	1383	1368	1394	1384	1278	1146	1075	1360	1979	2334	2507	3215	3281	1557	1368	1472
Kossuth	2282	2291	2459	2606	2425	2142	2078	1962	1949	2000	2110	2153	2090	1717	1503	1810	2780	3732	4002	5269	5711	2159	1828	1828
Lee	1567	1569	1603	1617	1508	1378	1308	1232	1242	1218	1225	1192	1175	1068	1022	1267	1825	2362	2749	3383	3544	1691	1266	1235
Linn	2357	2383	2382	2453	2341	2068	1946	1878	1879	1895	1917	1894	1811	1705	1643	2159	3145	3727	4098	5007	5076	2206	1834	1821
Louisa	1979	1967	2066	2093	2006	1852	1747	1721	1714	1708	1728	1716	1600	1478	1406	1821	2637	3116	3385	4237	4294	1925	1533	1521
Lucas	873	888	903	917	837	742	705	728	742	722	719	685	663	610	594	722	1034	1331	1637	1960	1996	991	715	768
Lyon	2000	1943	2021	2144	2002	1765	1719	1709	1757	1765	1826	1821	1783	1401	1266	1409	2077	3162	3307	4279	4736	1934	1681	1849
Madison	1456	1442	1464	1510	1377	1255	1175	1169	1157	1159	1184	1149	1037	957	898	1088	1570	2018	2324	2880	3019	1415	1028	1165
Mahaska	1655	1636	1677	1685	1597	1493	1417	1371	1372	1352	1370	1349	1240	1119	1059	1328	1925	2370	2636	3320	3440	1670	1363	1430
Marion	1581	1585	1577	1592	1484	1353	1285	1258	1270	1244	1250	1214	1167	1060	1017	1259	1812	2306	2693	3307	3452	1687	1272	1298
Marshall	2015	2020	2111	2206	2089	1830	1745	1677	1697	1697	1766	1728	1690	1458	1364	1673	2547	3155	3412	4303	4546	2046	1721	1814
Mills	1698	1661	1687	1735	1568	1468	1362	1297	1263	1276	1305	1270	1245	1173	1092	1324	1878	2433	2786	3475	3837	1808	1329	1535
Mitchell	1987	1958	1962	1963	1844	1617	1530	1486	1456	1471	1544	1535	1526	1334	1290	1665	2543	3196	3535	4525	4723	1843	1505	1333

Table 3. Adjusted Per Acre Value (in 2000 \$s) of Farm Land in Iowa's Counties, 1950, 1960, 1970, 1980-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980	1970	1960	1950
Monona	1561	1519	1516	1574	1502	1351	1348	1266	1284	1283	1334	1329	1317	1074	983	1129	1580	2086	2270	2965	3177	1384	1124	1298
Monroe	1081	1079	1068	1076	1008	926	879	850	857	840	847	825	765	694	664	825	1189	1487	1712	2117	2163	1038	829	907
Montgomery	1443	1411	1485	1528	1380	1292	1199	1181	1149	1160	1187	1154	1139	1075	1000	1213	1721	2230	2552	3185	3567	1778	1317	1542
Muscatine	2142	2154	2242	2293	2199	1979	1859	1781	1775	1783	1792	1777	1688	1599	1540	2033	2933	3471	3806	4671	4707	2133	1743	1703
O'Brien	2468	2399	2548	2704	2524	2225	2166	2149	2210	2222	2297	2291	2245	1765	1596	1775	2615	3908	4088	5290	5724	2262	1965	2107
Osceola	2112	2052	2218	2354	2197	1936	1887	1876	1930	1940	2005	2000	1960	1539	1392	1550	2283	3402	3560	4606	5041	2007	1715	1835
Page	1302	1274	1321	1358	1227	1150	1066	1055	1027	1037	1061	1032	1019	961	895	1085	1539	2064	2362	2947	3312	1696	1283	1507
Palo Alto	2133	2122	2268	2403	2238	1976	1919	1831	1838	1875	1964	1992	1925	1562	1380	1625	2470	3329	3544	4645	5115	2012	1721	1737
Plymouth	2146	2087	2089	2185	2069	1847	1828	1683	1717	1720	1783	1777	1767	1422	1296	1472	2098	2937	3148	4098	4591	1986	1635	1765
Pocahontas	2329	2335	2464	2613	2437	2135	2066	2002	2006	2047	2152	2172	2114	1741	1548	1853	2843	3843	4121	5367	5889	2422	2118	2170
Polk	2026	2042	2128	2231	2100	1818	1734	1697	1724	1722	1789	1743	1700	1467	1378	1679	2560	3327	3656	4569	4888	2219	1772	1884
Pottawattamie	1809	1766	1722	1775	1633	1510	1433	1353	1336	1345	1383	1356	1313	1180	1092	1303	1842	2424	2733	3459	3764	1774	1351	1563
Poweshiek	1811	1795	1882	1927	1834	1672	1590	1496	1501	1493	1538	1517	1483	1304	1221	1521	2265	2740	2955	3756	3990	1838	1522	1675
Ringgold	918	920	929	947	861	780	734	744	746	737	741	712	680	631	604	735	1047	1363	1633	1986	2039	1038	778	886
Sac	2206	2156	2248	2377	2230	1960	1911	1949	1999	2007	2080	2068	1988	1589	1447	1638	2414	3471	3673	4737	5180	2146	1857	2051
Scott	3018	3073	3024	3123	2997	2630	2458	2398	2391	2419	2415	2396	2261	2197	2141	2875	4135	4831	5341	6437	6532	2872	2402	2303
Shelby	1807	1761	1745	1806	1694	1544	1505	1410	1413	1417	1466	1449	1438	1225	1128	1319	1853	2514	2780	3579	4033	1860	1482	1647
Sioux	2319	2254	2268	2391	2246	1992	1954	1857	1902	1908	1976	1971	1944	1544	1400	1573	2283	3326	3518	4564	5104	2176	1840	2003
Story	2384	2408	2555	2707	2551	2174	2078	1967	2003	2010	2105	2050	1991	1696	1585	1921	2973	3788	4105	5151	5481	2388	1925	1968
Tama	1965	1969	2038	2126	2009	1747	1665	1581	1597	1600	1669	1634	1596	1371	1288	1586	2426	3055	3317	4187	4465	1973	1647	1710
Taylor	1051	1042	1064	1089	987	909	849	847	837	835	847	818	786	734	694	842	1197	1539	1808	2223	2365	1207	903	1026
Union	1108	1111	1128	1149	1047	947	891	893	895	883	887	853	817	758	725	881	1258	1654	1984	2409	2556	1337	977	1040
Van Buren	1173	1173	1195	1205	1125	1032	979	919	927	910	915	891	864	784	751	930	1343	1680	1947	2402	2448	1185	886	942
Wapello	1251	1237	1243	1249	1184	1109	1052	991	992	978	991	975	913	823	778	976	1415	1727	1919	2419	2481	1159	948	1026
Warren	1589	1605	1587	1632	1501	1325	1256	1249	1265	1248	1264	1215	1145	1033	989	1202	1753	2341	2761	3363	3395	1661	1209	1263
Washington	2071	2028	2148	2153	2062	1959	1859	1785	1778	1758	1790	1778	1662	1490	1399	1769	2574	3020	3242	4159	4235	2016	1783	1821
Wayne	833	847	888	900	823	729	692	722	736	717	712	679	656	602	586	714	1021	1353	1665	1994	1988	973	704	768
Webster	2432	2458	2616	2779	2607	2236	2148	2046	2067	2093	2200	2177	2108	1772	1619	1959	3036	3982	4306	5486	5862	2470	2027	2051
Winnebago	1995	1994	2151	2237	2088	1841	1771	1719	1698	1736	1831	1856	1799	1503	1357	1679	2581	3417	3706	4839	5243	1964	1601	1542
Winneshiek	1600	1587	1562	1553	1422	1276	1234	1161	1191	1203	1294	1251	1184	1053	999	1259	1899	2443	2707	3331	3402	1376	1130	1089
Woodbury	1665	1619	1679	1745	1662	1493	1487	1389	1410	1410	1465	1460	1447	1176	1075	1234	1732	2351	2550	3329	3583	1514	1272	1458
Worth	2005	1990	2127	2171	2032	1786	1706	1667	1640	1667	1754	1762	1714	1451	1355	1712	2623	3380	3703	4785	5098	1921	1562	1444
Wright	2434	2454	2633	2792	2608	2271	2192	2096	2096	2139	2254	2268	2208	1838	1641	1989	3072	4062	4377	5676	5950	2397	1976	2038
State of Iowa	1857	1843	1905	1969	1843	1641	1573	1540	1527	1534	1589	1569	1522	1314	1224	1497	2219	2861	3140	3967	4208	1813	1482	1521

Table 4. Percentage Change Based on Adjusted Per Acre Value (in 2000 \$s) of Farm Land by Selected Periods in Iowa's Counties, 1950-2000.

County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960	County	1990- 2000	1980- 1990	1970- 1980	1960- 1970	1950- 1960
Adair	23.8	-64.7	104.1	39.7	-10.1	Jefferson	20.4	-58.5	113.0	24.0	-6.5
Adams	19.6	-62.3	112.3	30.4	-13.0	Johnson	22.9	-61.7	118.3	19.9	1.4
Allamakee	21.9	-59.7	148.0	22.4	2.6	Jones	21.1	-62.1	136.6	18.9	2.9
Appanoose	24.2	-64.4	107.1	45.3	-9.4	Keokuk	16.2	-57.5	110.7	13.8	-7.1
Audubon	15.5	-59.6	131.5	20.5	-10.7	Kossuth	8.2	-63.1	164.6	18.1	0.0
Benton	16.1	-62.2	123.7	19.3	-1.9	Lee	27.9	-65.4	109.5	33.6	2.5
Black Hawk	20.7	-65.4	139.4	21.4	9.9	Linn	22.9	-62.2	130.1	20.3	0.7
Boone	14.5	-61.5	123.9	21.8	-1.9	Louisa	14.6	-59.8	123.0	25.6	0.8
Bremer	25.6	-62.3	153.3	19.8	12.6	Lucas	21.5	-64.0	101.5	38.5	-6.8
Buchanan	22.5	-62.2	155.0	25.2	9.2	Lyon	9.5	-61.4	144.9	15.0	-9.1
Buena Vista	7.5	-61.3	147.0	12.0	-7.1	Madison	22.9	-60.8	113.4	37.6	-11.8
Butler	16.2	-65.3	152.8	19.8	7.1	Mahaska	20.8	-60.2	106.0	22.5	-4.7
Calhoun	6.9	-61.5	132.5	18.6	-3.9	Marion	26.5	-63.8	104.6	32.6	-2.0
Carroll	3.6	-59.6	141.4	14.8	-11.3	Marshall	14.1	-61.2	122.2	18.9	-5.2
Cass	23.0	-62.7	115.1	30.6	-12.7	Mills	30.1	-66.0	112.2	36.1	-13.4
Cedar	20.1	-63.0	117.7	17.9	5.7	Mitchell	28.7	-67.3	156.3	22.5	12.9
Cerro Gordo	16.4	-66.2	156.0	22.8	10.4	Monona	17.0	-58.0	129.5	23.1	-13.4
Cherokee	11.2	-61.0	140.5	16.7	-7.7	Monroe	27.7	-60.9	108.4	25.2	-8.6
Chickasaw	23.2	-62.9	159.0	25.5	5.9	Montgomery	21.6	-66.7	100.6	35.0	-14.6
Clarke	23.6	-64.1	94.0	36.9	-5.4	Muscatine	19.5	-61.9	120.7	22.3	2.4
Clay	7.5	-60.6	151.5	15.1	-3.9	O'Brien	7.4	-59.9	153.0	15.2	-6.8
Clayton	32.0	-60.4	127.2	15.7	4.0	Osceola	5.3	-60.2	151.2	17.0	-6.6
Clinton	20.3	-63.0	138.0	23.0	5.7	Page	22.7	-68.0	95.3	32.1	-14.9
Crawford	10.8	-60.1	141.0	16.5	-12.9	Palo Alto	8.6	-61.6	154.3	16.9	-1.0
Dallas	20.2	-60.9	126.2	22.9	-8.3	Plymouth	20.4	-61.2	131.2	21.4	-7.4
Davis	29.5	-63.4	114.0	33.6	-7.2	Pocahontas	8.2	-63.5	143.1	14.4	-2.4
Decatur	20.5	-62.8	100.1	32.8	-7.1	Polk	13.2	-63.4	120.3	25.3	-6.0
Delaware	20.7	-60.8	148.3	27.9	10.6	Pottawattamie	30.8	-63.2	112.2	31.2	-13.5
Des Moines	19.1	-63.6	112.4	31.9	6.2	Poweshiek	17.8	-61.5	117.0	20.8	-9.1
Dickinson	8.4	-58.2	154.3	17.8	-9.4	Ringgold	23.9	-63.7	96.4	33.5	-12.2
Dubuque	19.7	-61.7	152.2	26.2	10.2	Sac	6.1	-59.8	141.4	15.6	-9.5
Emmet	7.4	-59.5	157.8	17.6	-2.7	Scott	25.0	-63.0	127.4	19.6	4.3
Fayette	20.2	-62.3	156.9	28.9	11.9	Shelby	23.3	-63.7	116.8	25.5	-10.0
Floyd	25.2	-66.7	220.2	-3.8	12.0	Sioux	17.3	-61.3	134.6	18.3	-8.1
Franklin	7.8	-64.7	161.5	20.3	3.1	Story	13.3	-61.6	129.5	24.0	-2.2
Fremont	20.8	-65.6	112.3	33.1	-12.2	Tama	17.8	-62.6	126.3	19.8	-3.7
Greene	6.4	-61.6	123.9	20.9	-5.5	Taylor	24.1	-64.2	95.9	33.7	-12.0
Grundy	13.9	-63.6	137.4	23.7	4.3	Union	24.9	-65.3	91.2	36.9	-6.1
Guthrie	17.4	-59.9	131.2	24.3	-10.4	Van Buren	28.2	-62.6	106.6	33.8	-6.0
Hamilton	9.8	-62.0	141.2	22.8	-3.2	Wapello	26.3	-60.1	114.0	22.3	-7.6
Hancock	11.4	-64.9	159.5	21.9	5.9	Warren	25.7	-62.8	104.4	37.3	-4.2
Hardin	6.9	-62.3	147.2	21.9	-1.7	Washington	15.7	-57.7	110.1	13.1	-2.1
Harrison	26.6	-60.2	122.9	25.8	-14.6	Wayne	17.0	-64.2	104.2	38.2	-8.3
Henry	19.4	-61.4	110.2	23.0	0.8	Webster	10.5	-62.5	137.3	21.8	-1.2
Howard	25.7	-62.7	154.0	21.7	4.3	Winnebago	9.0	-65.1	167.0	22.6	3.8
Humboldt	8.2	-64.8	146.6	21.8	-0.3	Winneshiek	23.6	-61.9	147.3	21.7	3.8
Ida	12.1	-60.5	132.2	19.7	-8.0	Woodbury	13.7	-59.1	136.6	19.0	-12.8
Iowa	17.8	-61.2	113.9	15.8	-4.8	Worth	14.3	-65.6	165.4	23.0	8.1
Jackson	19.1	-63.1	144.0	26.6	7.5	Wright	8.0	-62.1	148.3	21.3	-3.0
Jasper	18.0	-61.8	117.0	19.5	-4.2						
						State of Iowa	16.9	-62.2	132.2	22.3	-2.6

Table 5. Percentage Change in Per Acre Value (unadjusted and adjusted to 2000 \$s) of Farm Land from 1981 to 1986, from 1986 to 1997, and from 1997 to 2000 in Iowa's Counties.

County	Unadjusted			Adjusted			County	Unadjusted			Adjusted		
	1997-2000	1986-1997	1981-1986	1997-2000	1986-1997	1981-1986		1997-2000	1986-1997	1981-1986	1997-2000	1986-1997	1981-1986
Adair	0.8	132.5	-62.9	-5.9	60.2	-68.8	Jefferson	3.5	131.4	-61.0	-3.4	59.5	-67.2
Adams	1.2	129.3	-62.2	-5.6	58.0	-68.1	Johnson	3.2	119.5	-60.6	-3.7	51.3	-66.8
Allamakee	12.0	126.9	-62.8	4.5	56.4	-68.7	Jones	3.9	114.4	-60.7	-3.1	47.8	-66.9
Appanoose	2.1	127.6	-65.1	-4.7	56.9	-70.7	Keokuk	5.5	122.3	-60.3	-1.6	53.2	-66.6
Audubon	3.1	137.5	-61.8	-3.8	63.7	-67.8	Kossuth	-6.1	151.7	-66.1	-12.4	73.4	-71.5
Benton	-1.7	139.1	-63.1	-8.3	64.8	-68.9	Lee	3.9	129.5	-64.1	-3.1	58.2	-69.8
Black Hawk	3.5	129.1	-65.4	-3.5	57.9	-70.9	Linn	3.0	116.7	-61.0	-3.9	49.3	-67.2
Boone	-5.1	148.5	-63.2	-11.5	71.3	-69.0	Louisa	1.4	115.9	-60.6	-5.4	48.8	-66.8
Bremer	9.0	131.9	-65.0	1.6	59.8	-70.6	Lucas	2.1	123.8	-64.0	-4.8	54.2	-69.7
Buchanan	6.3	128.2	-64.4	-0.8	57.3	-70.0	Lyon	0.0	145.7	-64.9	-6.7	69.3	-70.4
Buena Vista	-2.6	144.4	-64.9	-9.1	68.4	-70.4	Madison	3.3	144.2	-63.0	-3.6	68.3	-68.8
Butler	-0.5	129.9	-65.6	-7.2	58.4	-71.1	Mahaska	5.3	130.8	-62.1	-1.8	59.1	-68.1
Calhoun	-4.2	144.3	-64.5	-10.7	68.4	-70.1	Marion	6.5	127.1	-63.5	-0.7	56.5	-69.2
Carroll	-2.8	138.5	-63.6	-9.3	64.4	-69.4	Marshall	-2.1	134.7	-62.3	-8.7	61.7	-68.3
Cass	4.0	133.2	-61.9	-3.0	60.7	-67.9	Mills	4.9	130.5	-62.7	-2.1	58.8	-68.6
Cedar	1.1	111.8	-60.4	-5.7	45.9	-66.7	Mitchell	8.5	120.9	-66.1	1.2	52.2	-71.5
Cerro Gordo	0.2	128.3	-66.5	-6.5	57.3	-71.8	Monona	6.3	132.3	-60.6	-0.8	60.1	-66.8
Cherokee	0.7	143.5	-63.5	-6.0	67.8	-69.3	Monroe	7.7	135.1	-62.7	0.4	62.0	-68.6
Chickasaw	7.2	127.6	-65.0	0.0	56.8	-70.5	Montgomery	1.3	121.6	-62.7	-5.5	52.7	-68.6
Clarke	2.8	133.1	-64.2	-4.1	60.6	-69.8	Muscatine	0.1	116.1	-60.8	-6.6	48.9	-67.0
Clay	-3.4	148.0	-64.5	-9.9	70.9	-70.2	O'Brien	-2.1	145.8	-64.2	-8.7	69.4	-69.8
Clayton	16.1	140.4	-63.6	8.3	65.7	-69.3	Osceola	-3.8	145.4	-64.1	-10.3	69.1	-69.8
Clinton	4.3	104.8	-60.6	-2.7	41.1	-66.8	Page	2.8	120.3	-63.9	-4.1	51.8	-69.6
Crawford	2.2	134.5	-62.6	-4.7	61.6	-68.5	Palo Alto	-4.9	152.8	-64.7	-11.3	74.2	-70.3
Dallas	-0.3	157.4	-63.2	-7.0	77.4	-69.0	Plymouth	5.3	144.7	-62.4	-1.8	68.6	-68.4
Davis	6.2	127.5	-63.4	-0.9	56.8	-69.2	Pocahontas	-4.4	144.9	-65.7	-10.9	68.8	-71.2
Decatur	1.1	132.2	-64.6	-5.7	60.0	-70.2	Polk	-2.6	134.9	-64.2	-9.2	61.9	-69.8
Delaware	8.7	117.5	-62.7	1.4	49.8	-68.6	Pottawattamie	9.2	135.9	-62.5	1.9	62.6	-68.4
Des Moines	2.4	121.8	-62.7	-4.5	52.8	-68.6	Poweshiek	0.7	129.0	-61.4	-6.0	57.8	-67.5
Dickinson	-1.8	153.6	-64.4	-8.4	74.8	-70.0	Ringgold	4.0	127.6	-63.9	-3.0	56.8	-69.6
Dubuque	11.2	117.5	-63.2	3.7	49.9	-69.0	Sac	-0.5	138.4	-63.7	-7.2	64.3	-69.5
Emmet	-5.2	153.2	-64.0	-11.6	74.5	-69.7	Scott	3.6	111.7	-60.5	-3.4	45.9	-66.7
Fayette	8.5	121.0	-64.4	1.2	52.3	-70.0	Shelby	7.2	132.4	-62.6	0.0	60.2	-68.5
Floyd	5.5	123.2	-65.9	-1.6	53.8	-71.3	Sioux	4.0	147.8	-63.6	-3.0	70.7	-69.3
Franklin	-5.7	137.4	-66.0	-12.0	63.6	-71.4	Story	-5.6	147.8	-63.5	-11.9	70.8	-69.2
Fremont	1.0	125.3	-61.9	-5.8	55.3	-67.9	Tama	-0.9	139.5	-63.5	-7.6	65.0	-69.2
Greene	-4.6	139.7	-64.1	-11.0	65.2	-69.8	Taylor	3.4	127.8	-62.9	-3.5	57.0	-68.8
Grundy	-3.9	137.9	-64.5	-10.3	64.0	-70.1	Union	3.4	130.0	-64.3	-3.6	58.5	-69.9
Guthrie	1.6	144.1	-61.9	-5.2	68.2	-68.0	Van Buren	4.4	132.7	-62.8	-2.7	60.4	-68.7
Hamilton	-6.8	147.8	-64.6	-13.1	70.8	-70.2	Wapello	7.4	133.0	-61.8	0.2	60.6	-67.8
Hancock	-3.1	137.6	-66.4	-9.7	63.8	-71.7	Warren	4.4	139.3	-65.1	-2.6	64.9	-70.6
Hardin	-8.0	141.5	-64.2	-14.2	66.5	-69.8	Washington	3.1	123.4	-60.1	-3.8	53.9	-66.4
Harrison	9.1	140.8	-61.8	1.8	65.9	-67.8	Wayne	-0.8	122.8	-65.1	-7.5	53.5	-70.6
Henry	3.0	125.7	-62.1	-3.9	55.6	-68.1	Webster	-6.2	149.0	-64.9	-12.5	71.6	-70.5
Howard	8.3	132.2	-65.2	1.0	60.0	-70.7	Winnebago	-4.4	139.3	-66.7	-10.8	64.9	-72.0
Humboldt	-5.9	140.9	-66.0	-12.2	66.0	-71.4	Winneschiek	10.4	125.7	-64.4	3.0	55.5	-70.0
Ida	2.7	136.1	-62.5	-4.2	62.7	-68.4	Woodbury	2.3	135.6	-61.7	-4.6	62.4	-67.7
Iowa	1.1	132.6	-61.7	-5.7	60.3	-67.7	Worth	-1.0	132.5	-66.4	-7.6	60.2	-71.7
Jackson	7.1	106.1	-62.0	-0.1	42.0	-68.0	Wright	-6.5	146.8	-65.7	-12.8	70.1	-71.1
Jasper	1.9	123.3	-61.7	-4.9	53.9	-67.8							
							State of Iowa	1.1	133.4	-63.3	-5.7	60.9	-69.1

substantially smaller than when inflation was not controlled (Table 2). Positive changes in the 1960s and from 1990 to 1997 also were muted when inflation was entered into the equation. But the decline in the 1980s was even more dramatic when the numbers were adjusted for inflation.

From 1981 to 1986, average values declined steadily; they increased from 1986 to 1997, dropped to 1999, but increased again to 2000. In the 1981-1986 period, unadjusted declines totaled 63.3 percent for the state (Table 5). The value of farm land dropped by at least 60 percent in all counties. In some, the figures for 1986 were only about a third of what they had been for an average acre in 1981. The numbers adjusted for inflation provide similar findings.

Farm land values escalated when 1986 and 1997 were compared; the average acre in Iowa gained 133.4 percent in unadjusted value. Although the losses from 1981 through 1986 had a relatively small range (-60.1% through -66.7%) across counties, the gains in the following years varied to a somewhat greater degree. Five counties had increases in farm land values of at least 150 percent, while the gains in 11 others were less than 120 percent. These gains were not as dramatic when the effects of inflation were incorporated, however. Finally, the 1997-2000 change was relatively small in both adjusted and unadjusted terms.

Note: Annual data from 1950 through 2000 are available from Michael Duffy, Department of Economics, 560 Heady Hall, Iowa State University, Ames, IA 50011.

Figure 1. Per acre value (in \$s) of farm land in Iowa, 1950–2000.

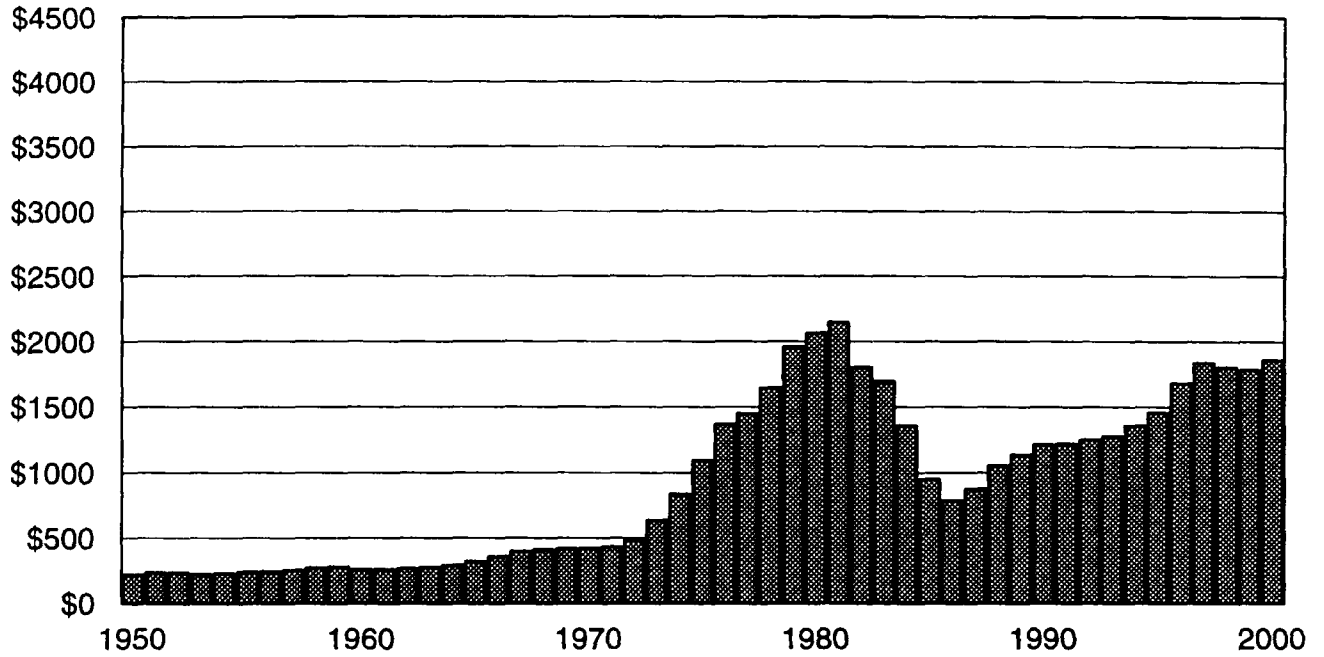
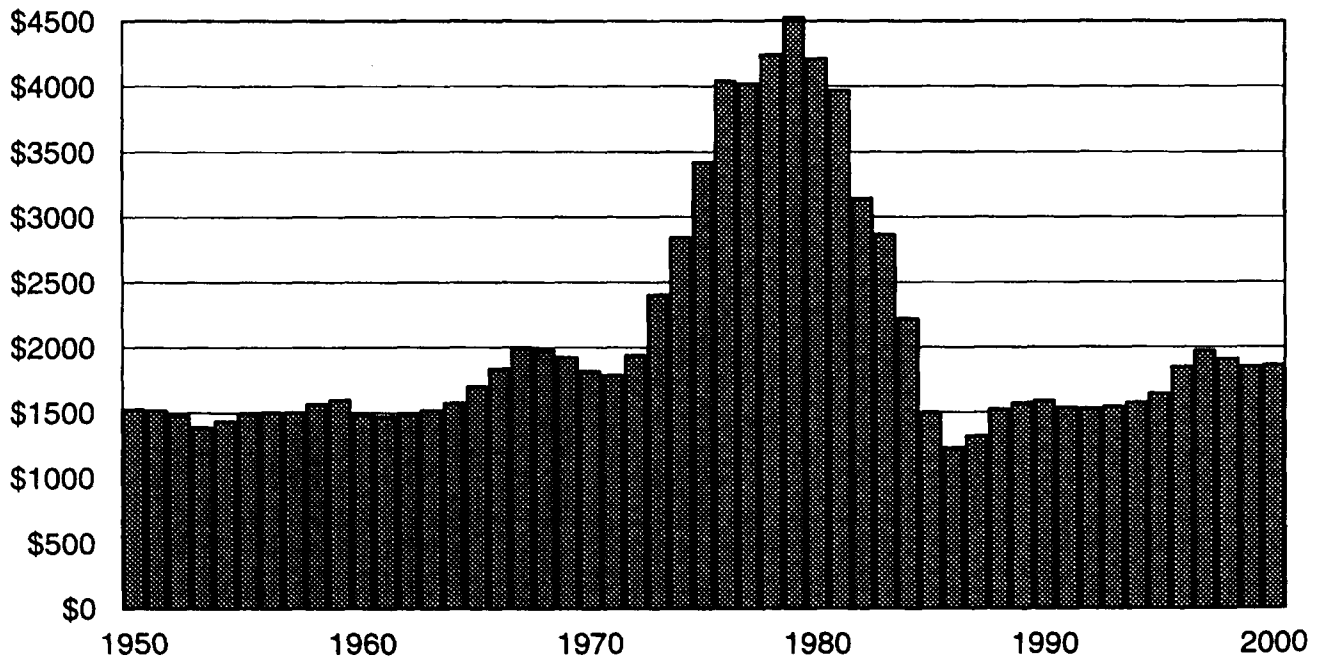


Figure 2. Adjusted per acre value (in 2000 \$s) of farm land in Iowa, 1950–2000.



Corn and Soybean Production in Iowa's Counties: 1975, 1980, 1985, and 1990-2000

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The Iowa Department of Agriculture and Land Stewardship provides annual estimates of production of selected crops. Reports are available on corn, corn silage, soybeans, oats, wheat, alfalfa hay, and all hay. In this section, information is included on corn harvested for grain and soybeans.

Weather is a key factor influencing differences in the production of corn and soybeans from one year to the next. The excessive rains and consequent flooding that occurred during 1993 caused a decrease in acres harvested and bushels produced per acre; thus, the one-year increases between 1993 and 1994 were particularly dramatic because of the exceptionally high numbers recorded for corn and soybean production in 1994. Weather-related factors in 1995 led to significant declines from 1994, however. The numbers for 1996 returned to relatively high levels. Federal agricultural policy and other factors can affect planting and harvesting as well.

Corn Production

About 12 million acres of corn were harvested for grain in 2000 (Table 1), an increase of 200,000 acres from 1999. Between 1990 and 2000, these acres varied from 11 million (1993) to nearly 13 million (1992) (Figure 1). Weather-related problems in 1993 resulted in a 15.1 percent decline from 1992 in harvested corn acreage but a gain of 14.5 percent from 1993 to 1994. A decline of 7.9 percent occurred from 1994 to 1995, again in large part due to weather patterns. Similar deviations occurred from 1995 to 2000.

In 2000, more than 1.7 billion bushels of corn were produced, a decrease of 18 million bushels from 1999 (Table 2). Fewer than 1 billion bushels were produced in 1993. The average number of bushels of corn grown per acre is obtained by dividing the number of bushels produced by the number of acres grown. In only a few of the years examined was the average below 100 bushels per acre (Table 3, Figure 2). The 2000 figure of 145 was higher than most years reported in Table 3.

Counties vary in corn production (Tables 1, 2, 3). Both the acres harvested and the bushels of corn produced differ by the amount and quality of farmland available for such production and local weather patterns. The figures for the average bushels produced per acre allow county comparisons that take into account variations in the number of acres planted. In 2000, for example, average yield of corn was at least 10 bushels per acre greater than the state figure in 14 counties. Yields were 10 or more bushels per acre under the state average in 12 counties; in only Ida and Woodbury were yields less than 120 bushels per acre in 2000 (Figure 3).

Soybean Production

The number of acres of soybeans harvested generally has risen slowly from the beginning to the end of the period examined (Table 4, Figure 1). While 7.0 million acres of soybeans were harvested in 1975, nearly 10.7 million acres were harvested in 2000, which was more than any other year except 1999.

The total of 459 million bushels produced in 2000 was substantially more than the 237 million in 1975, although the 2000 total was at least 19 million bushels below those reported in 1997-1999 (Table

Table 1. Estimated Acres (in 1,000s) of Corn Harvested for Grain in Iowa's Counties, 1975, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Adair	103	104	101	96	105	98	108	98	112	109	112	112	116	101
Adams	62	59	62	56	63	45	61	54	63	60	63	64	74	62
Allamakee	67	67	69	67	75	71	71	63	73	71	68	81	76	63
Appanoose	29	28	25	28	26	8	30	21	33	32	31	42	38	39
Audubon	103	103	114	106	105	97	104	97	110	108	109	126	128	108
Benton	175	173	176	171	185	176	181	166	181	179	175	198	175	174
Black Hawk	138	137	145	136	152	148	149	137	154	143	150	163	152	143
Boone	140	138	150	144	147	136	144	123	141	133	134	134	154	154
Bremer	109	108	110	109	123	119	119	110	123	113	115	120	117	107
Buchanan	150	149	165	161	165	169	173	163	181	181	177	189	166	153
Buena Vista	160	158	166	163	159	162	165	148	164	151	155	161	170	160
Butler	147	139	151	143	153	149	150	136	158	146	154	180	169	157
Calhoun	167	160	156	154	162	158	166	144	163	145	152	176	158	157
Carroll	155	154	155	156	150	155	156	147	161	159	161	157	160	154
Cass	121	119	121	118	118	118	130	115	133	125	127	122	129	120
Cedar	137	136	139	144	160	163	168	158	173	177	174	164	179	155
Cerro Gordo	158	148	147	142	159	163	164	143	172	153	166	173	159	156
Cherokee	138	138	135	133	142	137	141	132	145	141	144	146	143	143
Chickasaw	126	124	124	117	131	127	130	116	136	123	122	141	121	107
Clarke	29	26	27	26	27	5	37	22	38	37	36	48	43	29
Clay	143	137	126	122	145	139	144	105	144	133	135	133	152	138
Clayton	134	133	163	150	139	141	141	136	157	148	138	170	150	124
Clinton	173	174	178	176	186	188	194	174	197	196	189	224	209	188
Crawford	172	170	161	165	166	170	173	162	176	170	170	173	180	169
Dallas	130	128	136	129	142	130	134	123	139	138	137	146	160	153
Davis	32	32	38	35	37	11	38	32	44	44	43	60	55	57
Decatur	25	24	23	26	30	6	32	25	34	32	30	65	48	42
Delaware	164	166	168	164	182	178	179	166	185	184	177	183	171	147
Des Moines	73	70	75	70	75	63	75	66	75	76	73	102	93	97
Dickinson	86	85	84	81	87	81	87	46	88	78	86	96	94	94
Dubuque	118	119	123	119	123	115	113	104	121	116	113	121	127	103
Emmet	115	112	106	99	109	107	109	53	108	97	103	127	110	104
Fayette	172	168	185	178	196	191	192	174	201	194	194	187	188	158
Floyd	133	131	140	138	135	129	137	121	140	131	132	140	133	124
Franklin	167	162	164	162	178	174	179	160	183	145	170	173	179	169
Fremont	109	109	118	114	119	86	115	82	118	111	113	119	112	115
Greene	158	154	151	152	159	152	160	140	155	146	145	137	163	162
Grundy	154	154	154	154	161	157	163	144	164	151	161	155	152	152
Guthrie	104	102	99	96	113	101	106	98	112	109	106	133	111	102
Hamilton	164	161	173	170	173	164	169	148	168	149	160	146	170	169
Hancock	167	163	171	169	167	165	167	144	175	152	163	172	166	160
Hardin	159	157	162	163	170	169	173	155	172	156	167	174	169	170
Harrison	154	148	160	154	161	152	159	146	166	157	156	174	170	161
Henry	81	78	89	88	87	68	88	79	92	92	88	97	106	98
Howard	112	108	120	108	114	107	106	96	115	103	104	116	108	87
Humboldt	128	126	125	123	135	126	133	113	130	99	122	124	127	124
Ida	111	112	107	107	113	114	118	114	123	125	127	137	124	124
Iowa	112	106	117	115	124	114	129	110	129	128	121	149	146	129
Jackson	90	91	96	94	101	98	98	83	104	101	98	110	107	94
Jasper	157	158	160	162	157	158	164	147	169	162	164	180	174	159

Table 1. Estimated Acres (in 1,000s) of Corn Harvested for Grain in Iowa's Counties, 1975, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Jefferson	62	59	63	63	64	39	70	59	73	74	72	96	76	73
Johnson	106	106	104	101	106	103	112	103	124	127	119	145	147	128
Jones	134	133	142	139	152	146	149	131	152	150	146	162	143	128
Keokuk	99	98	95	102	113	87	113	102	117	120	113	134	132	123
Kossuth	302	291	302	286	299	296	302	241	308	237	274	260	276	271
Lee	77	77	76	77	80	49	78	63	81	77	74	106	86	98
Linn	136	138	138	132	146	135	142	131	146	149	149	151	152	153
Louisa	77	76	77	77	83	76	87	80	88	89	88	102	97	84
Lucas	23	21	24	24	24	7	27	16	32	30	29	46	43	39
Lyon	150	148	153	145	161	151	153	132	153	147	143	155	164	148
Madison	61	60	75	71	62	57	69	51	73	71	74	104	88	78
Mahaska	114	111	114	121	123	107	124	104	124	124	119	126	136	128
Marion	71	71	74	80	63	62	76	60	79	74	74	93	88	85
Marshall	137	138	141	134	138	139	145	134	155	146	151	149	161	157
Mills	98	94	98	89	96	85	99	87	100	96	100	102	103	96
Mitchell	132	129	135	125	132	127	129	110	135	121	124	124	122	111
Monona	160	152	156	144	157	141	155	141	167	161	163	178	164	165
Monroe	25	23	26	28	26	8	28	15	31	28	27	43	35	37
Montgomery	87	86	87	83	89	76	89	81	90	88	89	83	97	87
Muscatine	87	85	88	89	96	92	99	84	99	97	92	128	102	92
O'Brien	157	156	165	157	157	155	158	135	161	158	160	162	150	152
Osceola	112	110	110	106	117	110	112	72	111	108	107	110	109	101
Page	99	94	100	93	101	79	98	88	102	101	101	101	113	102
Palo Alto	154	150	161	150	152	145	153	125	158	122	151	182	160	153
Plymouth	213	219	213	211	207	208	215	203	227	213	217	239	234	231
Pocahontas	173	169	168	168	171	166	171	150	168	146	156	168	169	157
Polk	88	89	93	93	94	89	95	81	101	95	97	98	110	116
Pottawattamie	220	217	234	223	217	221	235	214	243	236	235	256	245	218
Poweshiek	119	117	114	112	109	114	118	109	123	124	122	125	131	122
Ringgold	41	41	38	38	42	15	46	36	49	48	46	70	62	58
Sac	155	152	147	149	165	154	159	146	157	145	150	153	169	159
Scott	105	107	115	117	118	122	126	118	128	126	123	136	136	117
Shelby	155	154	151	155	168	172	178	168	181	176	175	194	182	165
Sioux	228	226	238	227	220	228	238	210	237	233	228	233	236	220
Story	152	150	158	158	155	154	158	140	160	156	161	168	170	154
Tama	155	152	162	158	162	166	178	162	184	175	182	197	176	168
Taylor	67	64	59	57	65	34	68	59	70	66	67	90	81	67
Union	49	48	42	41	39	30	51	39	52	50	51	68	57	48
Van Buren	40	40	43	45	44	12	46	34	48	49	46	70	58	57
Wapello	54	49	50	50	62	30	58	40	59	57	56	57	65	62
Warren	64	63	74	71	66	59	74	53	80	77	78	105	87	82
Washington	111	111	118	119	127	111	129	116	132	139	134	165	151	138
Wayne	43	39	41	43	41	9	49	38	54	50	45	86	64	57
Webster	187	185	189	189	187	179	188	164	186	166	174	162	189	190
Winnebago	126	121	128	122	127	126	128	104	134	104	120	118	116	112
Winneshiek	129	128	132	125	132	127	126	109	131	131	123	140	141	112
Woodbury	179	175	200	191	186	173	191	181	207	207	208	216	251	232
Worth	110	107	112	106	103	109	111	93	112	99	104	117	116	113
Wright	172	168	171	167	170	169	174	155	174	136	161	163	179	167
State of Iowa	12000	11800	12200	11900	12400	11600	12600	11000	12950	12200	12400	13550	13300	12420

Table 2. Estimated Bushels (in 1,000s) of Corn Harvested for Grain in Iowa's Counties, 1975, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Adair	13634	14434	14457	11574	12587	8332	16274	7558	15736	13802	12856	14294	10400	6543
Adams	8783	7559	8552	6679	7915	3894	9054	4250	8516	8024	7461	8124	5800	3576
Allamakee	9917	10201	10634	9106	9439	8354	10422	5241	9406	9471	9080	9295	8700	6195
Appanoose	4238	3192	2967	3510	3061	524	4082	1368	3866	2883	3152	5035	3300	2875
Audubon	14137	13502	15662	13685	13853	11434	15642	7852	16116	14242	13323	16432	11600	7626
Benton	26239	26358	26770	25006	25076	20725	26059	14065	25493	16693	21111	22419	18500	15996
Black Hawk	19962	20833	21194	18773	20322	19156	22713	10109	24034	15935	18712	21268	17900	13696
Boone	21765	21485	21936	21595	21848	20356	23852	10345	23041	16352	15902	16832	18300	15922
Bremer	16545	17524	17342	15841	17337	15393	17968	8723	19174	14792	15390	16458	14400	9649
Buchanan	21216	22707	24279	22107	23579	19419	26027	12500	27270	22359	23631	22075	21000	15433
Buena Vista	21926	26008	25669	23785	23029	22606	26231	11868	25244	18161	20162	21282	20700	15886
Butler	20780	20243	22914	19706	21943	18625	21055	10066	24094	18277	19907	23788	21000	13917
Calhoun	25064	23716	20295	21093	24087	22415	28513	11956	27385	16762	19012	22376	19500	14867
Carroll	21228	21201	23390	21004	21349	20276	25195	10364	24637	19402	19370	20213	15700	12794
Cass	16079	16148	17482	14217	15359	12874	18899	8299	19806	16387	15764	16042	11400	7932
Cedar	20333	21386	23652	20323	22334	19781	26475	14404	25514	19236	23723	22097	22300	17040
Cerro Gordo	23711	21354	21572	20661	22849	20696	24217	9254	24695	18339	22759	21714	20700	14513
Cherokee	16657	23602	21849	18559	19659	17696	21246	11583	21869	19137	18813	18464	16000	13318
Chickasaw	18367	18914	18649	16643	16604	15783	18643	8250	19163	15968	15808	16169	14800	8507
Clarke	3668	3108	2660	2993	2613	338	4823	942	4598	3753	3746	6260	3600	2306
Clay	22111	21943	19367	16774	20327	17724	22470	6894	21206	14925	18073	17786	19200	13215
Clayton	19866	20507	25071	20684	18754	16857	20567	12262	21097	19750	19454	20538	17400	12309
Clinton	25681	27620	27046	25015	27188	24507	30981	17560	27930	20755	25998	26002	25700	20227
Crawford	22667	24999	24031	20995	21962	19064	26147	12447	25490	20885	21297	20206	12200	14040
Dallas	18829	20027	20281	18015	19448	17551	21030	11681	21306	17097	17518	16558	15500	13119
Davis	4777	2861	5265	4242	4674	699	5043	2022	5662	4097	4590	7479	5800	4317
Decatur	3691	2721	2243	2985	3935	441	4461	1195	4187	3382	2893	7790	4000	3039
Delaware	23823	26503	25442	23494	26419	21281	27779	12840	26219	23057	24619	20861	21300	15147
Des Moines	10509	10260	9921	9978	9835	7534	12004	6228	10851	6991	9390	14104	10800	10478
Dickinson	13086	12779	12796	10380	12326	10148	12610	2528	11829	9431	11019	11859	11800	8191
Dubuque	17961	17886	19306	16515	18144	13727	16972	8776	16317	15107	15423	14561	15500	10310
Emmet	18079	16566	16431	14328	15806	13645	16761	2811	15912	11421	13798	16959	15300	10473
Fayette	25344	25791	28538	25336	26075	24590	27572	13980	28916	26554	26410	22906	23600	14794
Floyd	19033	19888	22863	19446	19176	16076	19488	8840	20201	16297	18334	18366	16800	9775
Franklin	24511	24182	24031	21922	27125	22975	26618	10480	29143	16997	22220	24310	23600	17895
Fremont	15363	14625	15772	15459	16190	9475	16501	6491	18391	14187	12961	14494	10500	8193
Greene	23339	22928	21702	21444	23754	21321	25661	11813	26161	18200	17632	18057	18400	15396
Grundy	22652	21452	22911	22083	20882	21046	24051	11149	26184	18412	18868	19864	18600	16551
Guthrie	14296	13777	13910	11627	15169	12091	16502	7954	16489	13157	12777	16301	10700	7386
Hamilton	25522	25033	25481	24620	25733	23842	28101	11044	27672	18347	19190	20430	21300	17047
Hancock	25940	24605	24474	24336	24406	21053	25650	10818	26440	16758	22427	24026	21200	15196
Hardin	23471	23850	23973	21726	24103	24023	27028	11975	28310	19034	20652	25450	20400	18095
Harrison	21458	20682	20308	20368	22847	16726	22960	14366	25757	18340	17541	21838	13600	13520
Henry	11695	10279	11881	12094	11532	8089	14026	6336	13319	9018	10852	12738	12600	10281
Howard	15792	16647	18043	15259	15355	13420	14883	6026	14033	12400	13847	13038	13000	5527
Humboldt	20514	18057	17121	18247	20773	17570	21170	8445	21491	10782	15375	15522	15200	12690
Ida	12201	18526	16716	14656	15938	14291	17708	9853	18534	15243	16232	17063	8900	11899
Iowa	15881	15255	16725	15752	15042	11813	19598	8716	16951	13684	15111	19135	16500	11041
Jackson	12741	13037	13944	12358	12947	10595	14294	7352	12287	9117	12747	11587	12300	8939
Jasper	22785	24490	23875	23202	21750	20574	25813	14183	25262	18456	20651	22299	17900	14929

Table 2. Estimated Bushels (in 1,000s) of Corn Harvested for Grain in Iowa's Counties, 1975, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Jefferson	8904	5655	7712	8613	7874	3787	10817	4115	10054	7382	8879	11500	7700	6527
Johnson	15104	14823	14019	14020	12958	10660	17458	8093	16658	12366	15130	16691	15700	11755
Jones	19103	21310	22036	19908	21841	17151	22777	11164	20655	16522	18861	20233	17800	13408
Keokuk	14667	12148	11491	14557	13869	9096	17247	8025	15621	11632	13572	16484	15300	11012
Kossuth	47940	43883	44810	42121	42886	39040	47308	18020	48520	25808	38011	37065	36400	27764
Lee	11550	9402	9072	10731	11034	5823	12241	4877	12033	7634	8178	14457	9300	8872
Linn	19312	20810	20126	19038	20332	15432	21919	10696	20703	14178	18979	17314	17400	14151
Louisa	10704	10907	9494	10055	10622	8993	13524	7205	12465	7983	11515	12305	11900	8629
Lucas	3007	2662	2421	3094	2582	470	3470	851	4088	3003	3018	5341	3900	2615
Lyon	23305	24194	23121	19232	22294	18189	23293	11335	20570	18122	16624	18629	16900	10982
Madison	8133	8014	10902	8844	7707	5939	10476	3803	10388	8201	8275	12265	8700	5229
Mahaska	16455	14970	16154	17015	15949	12379	19667	8708	17896	12891	14462	16506	14700	11112
Marion	10006	9725	9783	10428	7379	6517	12209	4872	10913	8084	8865	12020	8100	7442
Marshall	20011	21529	20580	18658	19332	18719	22023	11499	23832	18628	19221	19666	19200	16363
Mills	13315	12042	12131	12124	12830	9015	14576	6486	15618	12716	11988	13063	10200	7553
Mitchell	19428	20049	21940	18717	18414	17031	19043	7461	18560	15186	17870	15215	14700	8766
Monona	22295	21443	18378	17891	19525	13604	21581	12790	23943	16700	18055	19331	12100	13724
Monroe	3419	2537	2932	3523	2933	664	4143	892	3589	2970	3002	4947	3300	2709
Montgomery	12429	10882	12218	11139	11547	6908	12460	6061	13616	11269	10572	9888	8200	6146
Muscatine	12764	12662	12500	11632	12007	10883	15836	6720	13922	9035	11618	15372	12200	9735
O'Brien	23997	26571	26128	22100	22151	20089	24036	10214	23336	19252	21439	21396	19400	14809
Osceola	17381	18398	16323	13643	15807	14164	16284	5107	15154	14536	14151	13797	13600	9248
Page	13602	11597	12689	12418	13770	7122	13176	6744	15262	12409	11508	11932	8300	7196
Palo Alto	23868	23638	21865	21566	21718	18437	23522	9005	24474	12834	20622	24084	21500	14495
Plymouth	25668	35761	34119	27013	28618	24526	31869	19611	32738	26530	24972	29053	19600	15335
Pocahontas	27163	26607	22834	24868	25738	23131	27851	11195	26969	17308	19186	24621	20800	15556
Polk	13737	14553	13861	13890	13988	12776	15933	7697	15578	10541	12105	11450	11000	10053
Pottawattamie	30880	30335	32675	29484	29480	23726	35036	17310	37944	32110	28433	34675	24100	15114
Poweshiek	17822	17363	16602	15720	14469	12815	17595	8570	16732	13128	15163	14949	14500	10708
Ringgold	5974	4863	4259	4175	4914	1006	6354	1516	6105	5162	4417	8581	3400	3802
Sac	19996	25593	20779	20401	24522	20001	25630	11812	24748	17089	19239	19863	14500	14085
Scott	16132	17509	19422	16958	16517	15993	20833	12540	19027	14315	16623	17504	18000	13454
Shelby	19713	22135	20860	20291	22675	19510	26466	14290	26243	22963	21752	25929	15900	12743
Sioux	34439	38873	38668	31842	32123	29195	38097	21609	34399	28648	28088	30219	26000	16184
Story	24061	24373	23618	23218	22739	21596	24619	10893	25712	19166	18664	21405	21500	15594
Tama	22624	22844	22671	21549	21145	20011	25328	13192	26175	19787	22278	24294	20100	16755
Taylor	9535	7408	7054	6716	7307	2184	9214	3621	8981	7797	6502	10969	5300	3701
Union	6791	6742	5473	4849	4672	2169	7336	2052	6734	6277	5685	8488	4600	3024
Van Buren	5836	3587	5006	5910	5587	1091	6304	1946	6490	4673	5048	8152	5400	4792
Wapello	7533	5556	6778	6854	7890	2947	8790	2995	8233	5546	6515	6478	6800	5770
Warren	8959	8986	9873	9643	8411	6206	11412	3801	11029	8636	8773	13697	8700	6474
Washington	16080	15875	15876	17011	16087	11862	20057	9333	17996	14161	17568	20341	18800	12722
Wayne	5964	4050	4267	4746	5492	636	6614	1568	6403	4918	4285	10212	6100	4266
Webster	30131	28761	24901	27884	29104	26541	32027	13612	30496	20221	21706	21859	24000	18295
Winnebago	19107	17293	20531	18134	17468	16018	19329	7053	19646	11326	16720	15409	13400	10256
Winneshiek	19197	20607	20112	17682	17691	15520	17664	9273	16401	17152	16817	15707	16600	9155
Woodbury	21026	26758	27149	22875	24563	18497	26485	16433	30077	21947	23568	23868	17000	19220
Worth	16206	15833	18195	15304	14318	13992	16318	5851	15358	11636	14801	15656	14000	10541
Wright	26860	24833	23199	23916	25863	23314	27114	11422	28362	15166	21496	21656	21200	17349
State of Iowa		1758200	1642200	1642200	1426800	1426800	880000	1427400	1427400	1707300	1707300	1117800		
	1740000		1769000		1711200		1915200		1903650		1562400		1463000	

Table 3. Estimated Bushels of Corn Harvested for Grain Per Acre in Iowa's Counties, 1975, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Adair	132.8	139.3	142.7	120.1	119.9	85.0	151.0	76.8	140.0	126.4	115.1	127.9	89.7	64.6
Adams	141.0	128.1	137.7	119.9	125.4	87.3	148.2	79.0	135.4	133.7	119.4	126.1	78.4	57.6
Allamakee	147.6	151.4	154.3	135.3	126.7	117.0	146.4	83.2	129.4	132.6	132.7	114.6	114.5	97.7
Appanoose	148.7	113.6	119.6	125.8	118.6	68.1	134.7	64.5	117.5	90.4	103.3	119.9	86.8	73.3
Audubon	137.1	131.6	137.1	129.1	131.9	118.2	151.1	80.6	147.0	132.0	122.0	130.6	90.6	70.5
Benton	149.8	152.4	152.1	146.2	135.8	117.8	143.7	84.8	140.9	93.2	120.5	113.1	105.7	92.2
Black Hawk	145.0	152.4	146.7	138.5	134.0	129.7	152.0	73.6	156.3	111.2	125.0	130.3	117.8	95.7
Boone	155.6	155.6	146.6	149.5	148.9	149.9	165.3	84.0	163.8	123.4	118.8	125.2	118.8	103.4
Bremer	152.3	162.6	157.9	145.6	141.4	129.2	151.0	79.7	155.8	130.9	133.6	137.7	123.1	90.0
Buchanan	141.5	152.2	147.3	137.3	143.1	114.8	150.8	76.6	151.1	123.5	133.3	117.0	126.5	100.6
Buena Vista	136.7	165.1	154.6	146.4	145.3	140.0	159.0	80.3	153.7	120.5	130.4	132.4	121.8	99.6
Butler	141.8	145.9	151.9	137.7	143.2	125.1	140.0	73.9	152.3	125.6	129.5	132.5	124.3	88.5
Calhoun	150.5	147.9	130.5	137.1	148.7	142.3	171.5	83.3	167.6	116.0	125.4	127.1	123.4	94.9
Carroll	137.4	137.4	151.1	135.0	142.8	131.1	161.3	70.5	153.5	122.1	120.7	129.0	98.1	83.1
Cass	133.1	135.2	144.6	120.6	129.9	108.9	145.6	72.1	148.8	131.4	123.9	131.9	88.4	66.0
Cedar	148.1	156.9	169.8	141.3	139.5	121.4	157.5	91.3	147.7	108.6	136.5	134.7	124.6	110.3
Cerro Gordo	150.5	144.1	146.4	146.0	143.7	127.1	147.6	64.8	143.7	120.0	136.8	125.8	130.2	93.3
Cherokee	120.7	170.7	161.6	139.6	138.2	129.2	151.0	87.5	150.7	135.8	130.7	126.4	111.9	93.0
Chickasaw	145.4	152.4	150.0	142.0	127.2	124.3	143.6	71.0	140.6	130.1	130.0	115.0	122.3	79.2
Clarke	128.7	118.2	99.6	113.8	95.7	65.0	130.4	43.0	121.0	102.3	104.3	130.4	83.7	78.4
Clay	154.2	160.8	154.2	138.1	140.0	127.6	156.0	66.0	147.4	112.2	133.7	134.0	126.3	95.9
Clayton	148.3	154.1	153.9	137.6	135.1	119.8	146.3	89.9	134.7	133.7	141.4	120.8	116.0	99.5
Clinton	148.1	158.9	152.1	142.2	146.1	130.7	159.9	100.7	142.0	105.8	137.3	116.1	123.0	107.6
Crawford	132.0	147.1	148.9	127.4	132.6	112.2	150.8	76.7	144.8	122.8	125.5	116.9	67.8	83.0
Dallas	145.3	156.7	148.7	139.2	136.9	134.7	156.6	95.4	153.6	124.3	127.5	113.6	96.9	85.7
Davis	150.7	90.3	138.6	123.0	125.3	65.9	132.0	63.6	129.0	93.3	108.0	125.3	105.5	75.2
Decatur	149.4	113.4	98.8	117.1	131.6	68.9	138.5	48.8	124.6	105.7	97.4	120.4	83.3	72.5
Delaware	145.2	159.3	151.3	143.1	145.0	119.8	155.1	77.3	141.5	125.4	138.9	114.0	124.6	103.1
Des Moines	145.0	145.9	132.8	142.1	131.8	120.0	159.8	94.1	145.5	92.5	128.5	138.0	116.1	108.0
Dickinson	152.0	150.7	152.0	128.8	141.5	125.6	145.3	55.6	135.0	120.3	128.3	123.9	125.5	87.6
Dubuque	152.3	150.6	156.7	138.5	147.5	119.3	149.8	84.8	134.4	130.0	136.5	120.1	122.0	99.7
Emmet	157.5	148.6	154.7	144.9	145.1	128.0	153.9	53.4	147.5	118.0	134.5	133.1	139.1	100.6
Fayette	147.7	153.2	154.3	142.1	132.9	129.1	143.8	80.4	143.9	136.6	135.9	122.5	125.5	93.8
Floyd	143.5	152.4	163.7	141.4	141.6	125.0	142.5	73.0	144.3	124.6	138.7	131.2	126.3	78.8
Franklin	147.1	149.3	146.6	135.5	152.2	132.2	148.5	65.7	158.9	117.3	130.8	140.3	131.8	105.6
Fremont	140.4	133.7	133.8	136.0	136.1	110.0	143.0	79.4	155.3	128.3	115.2	122.1	93.8	71.5
Greene	148.0	148.5	143.8	141.3	149.1	140.6	160.9	84.1	169.2	124.6	121.3	132.0	112.9	95.3
Grundy	147.6	139.3	149.2	143.0	129.5	133.9	147.9	77.4	160.1	121.6	117.6	127.9	122.4	108.9
Guthrie	137.1	134.9	140.6	121.1	134.4	119.5	155.5	81.6	147.2	121.2	121.0	122.4	96.4	72.5
Hamilton	155.4	156.0	147.1	145.1	148.4	145.5	166.4	74.6	164.5	123.5	120.3	140.1	125.3	100.7
Hancock	155.6	150.6	142.9	144.4	146.4	127.9	153.4	74.9	151.1	110.4	138.0	139.4	127.7	95.0
Hardin	147.8	152.0	148.0	133.2	141.6	141.8	156.2	77.1	164.7	122.1	123.6	146.0	120.7	106.2
Harrison	139.4	140.0	126.7	132.4	141.6	110.4	144.2	98.6	155.0	117.1	112.5	125.2	80.0	84.1
Henry	144.7	131.1	134.1	137.6	132.9	119.8	159.2	80.1	144.8	98.2	122.9	131.2	118.9	105.1
Howard	141.3	154.4	151.0	140.9	134.3	125.1	140.1	63.1	122.6	121.0	133.3	112.6	120.4	63.3
Humboldt	159.9	143.7	137.1	147.9	154.4	139.3	159.1	75.0	164.8	108.5	126.4	125.0	119.7	102.3
Ida	110.2	164.8	156.1	136.7	141.7	125.8	150.1	86.4	151.2	121.8	128.2	124.7	71.8	96.3
Iowa	141.9	144.2	142.7	136.5	121.0	103.4	151.6	79.3	131.0	106.9	124.9	128.3	113.0	85.4
Jackson	141.7	143.6	146.0	132.0	128.7	108.4	146.0	88.4	117.8	90.0	130.5	105.0	115.0	95.3
Jasper	145.1	154.9	149.5	143.4	138.4	130.5	157.1	96.4	149.1	114.1	126.0	123.9	102.9	93.9

Table 3. Estimated Bushels of Corn Harvested for Grain Per Acre in Iowa's Counties, 1975, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Jefferson	142.9	95.5	121.6	135.9	122.5	96.1	155.6	70.0	137.9	99.9	123.1	120.2	101.3	88.9
Johnson	142.5	140.5	134.9	138.8	121.9	104.0	155.5	78.6	134.4	97.3	127.2	114.9	106.8	91.7
Jones	142.2	159.8	155.6	143.2	143.9	117.7	152.7	85.2	135.7	110.1	129.0	125.3	124.5	105.0
Keokuk	148.6	123.5	120.6	143.4	123.0	104.8	153.3	78.9	133.5	96.9	120.0	123.4	115.9	89.8
Kossuth	158.7	150.7	148.5	147.2	143.6	131.7	156.8	74.8	157.5	108.7	138.8	142.4	131.9	102.5
Lee	150.0	122.1	118.7	139.5	138.1	119.6	157.7	76.9	149.5	99.5	110.8	136.5	108.1	90.6
Linn	141.9	150.8	146.4	144.1	139.5	114.1	154.1	81.9	141.9	95.0	127.5	114.7	114.5	92.8
Louisa	139.9	144.5	122.7	130.2	128.8	118.6	155.6	90.6	141.2	90.0	131.0	120.6	122.7	103.2
Lucas	131.3	128.0	102.6	128.4	108.9	65.3	130.9	52.9	127.0	100.1	104.4	115.4	90.7	67.9
Lyon	155.2	163.4	151.5	132.3	138.6	120.5	151.8	85.9	134.6	123.2	116.4	119.9	103.0	74.0
Madison	134.0	134.5	145.4	125.1	123.5	103.6	152.0	74.3	142.3	116.3	112.4	117.9	98.9	67.0
Mahaska	144.3	135.4	141.7	140.9	129.5	115.3	158.5	84.1	144.8	103.8	121.7	130.9	108.1	87.0
Marion	140.3	137.6	132.6	131.0	117.9	104.4	159.8	81.2	137.4	109.2	119.3	129.9	92.0	87.1
Marshall	146.2	155.8	146.2	139.2	140.6	134.8	151.7	85.7	154.3	127.4	127.1	131.7	119.3	104.1
Mills	136.1	128.2	123.7	135.8	133.2	105.9	147.4	75.0	156.0	131.9	120.5	128.6	99.0	79.1
Mitchell	147.7	154.9	162.4	149.9	139.9	134.0	147.6	68.0	137.9	125.4	144.3	123.0	120.5	79.3
Monona	139.3	141.2	117.9	124.5	124.3	96.2	139.1	90.5	143.1	104.0	110.5	108.7	73.8	83.2
Monroe	136.8	110.8	111.9	127.2	112.8	84.1	149.0	61.5	117.3	107.2	112.9	114.5	94.3	72.4
Montgomery	142.5	127.3	140.6	134.5	130.0	91.1	140.0	74.6	151.8	128.5	118.8	119.0	84.5	70.9
Muscatine	146.7	149.5	142.5	131.0	125.1	118.9	160.8	80.0	141.1	93.3	125.9	120.4	119.6	106.4
O'Brien	152.5	170.0	158.6	140.9	140.7	129.3	151.9	75.6	145.1	121.9	134.2	131.7	129.3	97.3
Osceola	155.2	167.0	148.9	128.7	135.0	129.0	145.0	71.2	136.0	134.6	131.8	125.4	124.8	91.2
Page	137.3	123.2	126.5	133.5	136.6	89.7	135.0	76.7	149.8	123.3	113.8	118.3	73.5	70.7
Palo Alto	155.3	157.6	136.1	144.0	143.2	127.2	153.5	71.9	154.7	105.6	136.2	132.3	134.4	94.8
Plymouth	120.7	163.6	159.9	128.1	138.4	118.0	148.3	96.7	144.3	124.6	115.1	121.8	83.8	66.5
Pocahontas	156.6	157.7	136.3	148.2	150.3	139.7	162.7	74.6	160.1	118.5	123.3	146.4	123.1	99.4
Polk	155.9	164.4	149.2	149.7	148.2	142.9	167.0	94.7	155.0	111.2	124.3	116.6	100.0	86.9
Pottawattamie	140.1	139.8	139.5	132.2	135.9	107.2	149.3	81.1	156.0	136.2	120.9	135.5	98.4	69.5
Poweshiek	149.9	148.3	145.4	140.9	133.2	112.9	149.0	79.0	136.4	105.6	124.2	120.1	110.7	88.0
Ringgold	145.0	119.2	112.4	109.0	117.0	65.3	138.1	42.0	123.8	108.4	96.9	122.6	54.8	65.4
Sac	129.1	168.4	141.6	136.6	148.8	129.8	160.8	80.8	157.4	118.3	127.9	129.7	85.8	88.5
Scott	153.8	164.1	169.6	144.4	139.6	131.3	164.8	106.0	148.3	113.5	135.4	129.1	132.4	115.0
Shelby	127.5	143.4	138.3	130.9	135.1	113.8	148.4	85.0	144.8	130.5	124.7	133.7	87.4	77.3
Sioux	151.0	172.4	162.3	140.3	146.1	128.3	159.8	103.1	145.3	123.1	123.2	130.0	110.2	73.6
Story	158.5	162.4	149.2	146.9	146.3	140.5	155.4	78.0	160.5	122.9	116.3	127.1	126.5	101.6
Tama	145.9	150.3	139.9	136.5	130.9	120.5	142.3	81.4	142.5	113.4	122.4	123.6	114.2	99.8
Taylor	141.7	115.6	119.2	117.4	112.8	65.2	135.9	61.6	127.8	118.1	96.6	122.1	65.4	55.0
Union	137.5	140.8	129.7	117.4	120.7	71.8	143.8	53.3	130.0	124.8	111.0	125.4	80.7	63.5
Van Buren	147.4	88.8	115.3	130.2	127.3	92.5	138.2	56.7	135.8	96.0	109.3	116.8	93.1	84.5
Wapello	139.2	113.4	135.8	136.5	127.5	99.9	152.3	75.1	140.0	96.6	116.5	114.7	104.6	92.9
Warren	141.1	142.6	133.4	135.4	128.4	105.0	154.8	71.6	138.0	112.3	113.1	130.1	100.0	79.1
Washington	145.1	143.7	134.7	142.9	126.9	107.2	155.8	80.6	136.7	101.9	130.8	123.4	124.5	92.3
Wayne	137.7	104.1	103.8	109.4	133.6	69.1	134.4	41.4	117.9	97.6	95.0	119.4	95.3	75.2
Webster	161.0	155.7	131.5	147.7	155.8	148.0	170.8	83.0	164.0	122.0	125.0	135.2	127.0	96.2
Winnebago	151.8	142.6	160.0	149.3	137.4	126.8	151.4	67.7	146.9	108.9	139.6	130.5	115.5	91.7
Winneshiek	148.9	160.5	152.5	141.6	133.6	122.7	140.2	84.8	125.3	131.1	137.1	112.3	117.7	82.1
Woodbury	117.5	152.9	136.1	119.8	132.1	106.7	138.7	91.0	145.0	105.9	113.2	110.8	67.7	82.9
Worth	146.9	148.7	162.0	144.8	139.4	127.9	147.3	63.1	137.4	117.8	142.7	133.9	120.7	93.0
Wright	156.3	147.7	136.1	143.2	152.1	138.0	156.0	73.9	162.9	111.9	133.9	133.2	118.4	104.1
State of Iowa	145.0	149.0	145.0	138.0	138.0	123.0	152.0	80.0	147.0	117.0	126.0	126.0	110.0	90.0

Table 4. Estimated Acres (in 1,000s) of Soybeans Harvested in Iowa's Counties, 1975, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Adair	102	101	95	95	96	86	77	77	70	69	66	64	57	55
Adams	60	60	56	56	53	55	45	45	44	44	42	50	39	34
Allamakee	28	26	23	20	12	10	8	7	5	5	4	4	3	4
Appanoose	39	37	36	33	29	38	25	28	25	27	25	28	41	32
Audubon	100	102	100	102	94	84	77	75	72	73	68	68	54	41
Benton	166	167	158	159	154	144	141	139	135	134	126	126	114	97
Black Hawk	117	119	114	112	115	102	102	96	91	99	84	90	95	82
Boone	132	134	135	143	127	125	124	116	119	121	112	117	120	111
Bremer	91	88	86	85	80	70	70	65	60	62	53	56	75	57
Buchanan	125	122	116	115	98	87	85	81	76	75	68	61	93	76
Buena Vista	153	157	150	155	152	145	145	137	137	145	135	124	133	117
Butler	129	130	123	126	116	101	99	93	89	101	81	84	114	83
Calhoun	156	163	159	160	161	159	155	153	149	170	148	138	149	142
Carroll	142	139	139	141	145	128	124	121	118	114	111	97	103	86
Cass	113	115	111	108	97	97	92	90	87	87	85	76	70	61
Cedar	126	125	118	115	110	90	87	82	80	74	74	73	75	66
Cerro Gordo	134	143	125	130	119	111	112	108	97	112	99	112	112	97
Cherokee	136	136	132	130	136	122	121	114	112	109	103	97	96	77
Chickasaw	104	107	101	98	97	81	77	73	67	71	61	60	75	59
Clarke	34	34	28	30	19	26	22	21	24	27	25	32	32	24
Clay	142	147	139	141	138	132	129	115	126	129	123	125	128	112
Clayton	43	39	46	45	24	12	9	8	6	5	4	5	7	4
Clinton	125	121	114	104	96	84	83	77	77	75	73	71	69	54
Crawford	159	158	151	149	127	127	115	112	107	114	104	88	82	60
Dallas	122	122	124	132	140	112	112	108	106	108	101	109	106	95
Davis	43	42	38	40	33	37	29	28	25	30	28	42	51	34
Decatur	39	37	35	32	30	34	26	27	24	27	26	39	40	24
Delaware	85	79	71	64	49	42	39	34	31	28	28	25	33	27
Des Moines	67	69	64	68	62	72	62	60	60	58	53	46	57	50
Dickinson	86	88	89	84	86	77	80	72	74	81	71	72	84	71
Dubuque	37	34	25	21	14	9	8	7	6	5	5	3	2	3
Emmet	103	105	102	102	94	97	96	82	89	97	89	92	97	87
Fayette	129	131	117	114	103	89	85	79	74	75	68	74	88	65
Floyd	118	120	119	118	108	102	101	96	92	95	93	103	105	90
Franklin	148	145	146	143	124	127	126	122	116	144	116	128	124	104
Fremont	121	114	113	120	119	117	109	67	105	106	104	104	113	83
Greene	150	153	149	150	143	147	145	142	141	145	134	134	135	123
Grundy	143	144	139	140	117	126	127	123	118	123	110	117	105	88
Guthrie	100	101	99	98	91	86	78	77	75	80	75	69	66	61
Hamilton	148	154	154	156	135	139	141	133	134	145	128	126	147	129
Hancock	139	140	135	138	127	120	122	114	112	130	117	132	125	121
Hardin	136	139	139	142	120	117	118	114	111	124	106	115	111	99
Harrison	143	149	140	144	135	132	126	122	117	120	118	108	109	81
Henry	75	77	71	72	65	71	60	57	56	56	55	61	58	52
Howard	98	104	95	97	86	77	75	71	65	73	66	72	73	56
Humboldt	118	120	119	123	118	116	113	113	107	136	106	107	110	105
Ida	108	104	105	100	85	89	85	80	79	77	72	74	62	50
Iowa	86	88	78	80	70	65	53	53	51	46	45	51	46	39
Jackson	41	38	31	23	16	12	10	9	8	9	9	9	10	7
Jasper	144	140	144	145	119	115	109	97	101	103	94	104	88	75

Table 4. Estimated Acres (in 1,000s) of Soybeans Harvested in Iowa's Counties, 1975, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Jefferson	67	67	62	65	56	70	56	55	53	56	54	66	57	51
Johnson	89	90	79	80	78	70	65	60	60	58	57	55	62	52
Jones	83	81	76	74	60	54	50	48	45	45	43	42	44	34
Keokuk	92	93	82	86	74	85	70	66	64	61	56	61	64	51
Kossuth	251	252	247	251	237	240	238	223	215	267	229	270	247	235
Lee	69	70	66	67	63	75	59	52	57	60	53	58	64	44
Linn	121	118	112	111	100	94	92	89	86	85	82	88	95	74
Louisa	72	73	72	69	65	69	65	59	61	57	54	53	50	52
Lucas	25	26	23	27	17	23	18	19	18	21	19	26	26	21
Lyon	141	143	135	138	138	126	125	113	117	115	113	114	102	74
Madison	68	71	63	67	69	61	54	57	52	56	52	56	57	43
Mahaska	104	102	99	99	87	96	84	73	79	78	71	76	77	67
Marion	72	71	66	72	69	68	61	59	57	59	55	53	56	43
Marshall	128	124	127	126	100	96	90	88	83	87	79	93	84	69
Mills	95	95	93	94	92	91	87	67	83	84	80	93	79	67
Mitchell	103	103	100	100	89	87	86	85	79	83	74	81	94	76
Monona	144	148	131	139	118	127	118	106	109	116	109	106	100	78
Monroe	32	30	29	28	31	28	18	20	17	18	18	21	26	21
Montgomery	88	88	84	84	91	86	75	71	74	75	71	72	67	61
Muscatine	76	77	74	73	66	66	61	52	58	58	53	55	50	49
O'Brien	153	156	153	157	145	147	147	139	141	140	135	133	137	118
Osceola	111	113	108	111	111	109	109	98	102	103	99	93	103	80
Page	99	102	98	101	95	99	87	85	87	92	90	84	83	80
Palo Alto	143	147	145	144	144	130	130	117	124	156	126	131	146	132
Plymouth	200	196	190	186	187	167	165	153	149	152	143	126	119	83
Pocahontas	162	168	163	170	162	163	160	157	152	168	145	147	154	147
Polk	87	87	91	92	81	83	82	72	80	80	75	81	94	83
Pottawattamie	207	206	202	206	174	184	174	166	165	171	162	162	140	124
Poweshiek	113	115	107	102	74	87	80	81	77	78	72	81	70	61
Ringgold	49	49	50	49	35	51	38	34	36	40	40	52	52	38
Sac	146	149	153	147	145	135	132	130	124	131	119	117	109	92
Scott	81	77	73	74	66	55	55	51	49	46	48	42	42	39
Shelby	139	140	138	130	110	111	104	101	96	96	92	88	78	60
Sioux	186	188	182	185	171	156	155	139	142	138	129	117	104	71
Story	142	146	146	152	133	133	133	126	125	127	121	122	131	114
Tama	143	142	136	137	111	112	106	106	100	105	96	109	105	84
Taylor	72	75	69	73	55	71	58	57	53	57	53	69	57	46
Union	51	51	48	44	44	49	37	36	36	36	32	33	31	24
Van Buren	48	48	47	47	48	46	37	39	37	39	37	47	47	37
Wapello	55	58	50	54	46	58	46	42	45	48	45	45	54	46
Warren	67	67	64	68	59	63	56	54	53	57	49	49	56	43
Washington	104	105	102	106	97	97	83	77	78	72	69	69	72	66
Wayne	54	55	50	51	25	51	42	43	37	39	38	48	54	40
Webster	180	185	192	195	174	181	177	174	171	182	166	169	179	163
Winnebago	103	107	101	99	90	89	88	85	76	103	84	96	106	90
Winneshiek	74	70	63	54	34	33	26	24	20	19	16	17	18	15
Woodbury	169	168	159	166	138	130	114	108	100	106	94	90	88	68
Worth	99	103	96	94	78	81	82	79	74	80	71	82	92	78
Wright	158	163	160	162	152	153	154	150	142	171	141	161	165	140
State of Iowa	10680	10750	10350	10400	9450	9260	8770	8300	8170	8630	7900	8150	8270	6970

Table 5. Estimated Bushels (in 1,000s) of Soybeans Harvested in Iowa's Counties, 1975, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Adair	4023	4249	4098	3791	3550	2574	3869	2406	2902	2920	2415	2529	2120	1536
Adams	2465	2359	2460	2387	2117	1536	2199	1480	1802	1797	1606	1923	1370	1009
Allamakee	1304	1229	1188	891	565	427	396	246	179	212	185	123	130	106
Appanoose	1610	1295	1449	1378	1059	1107	1029	759	933	834	825	999	1130	916
Audubon	3942	4008	4340	4622	3934	3714	4058	2595	3223	3255	2742	2703	1910	1298
Benton	7163	7866	8485	8008	7123	6297	7317	4982	5965	5954	5718	4822	4730	3471
Black Hawk	5289	6019	6009	5421	5225	5067	5424	3285	4231	4124	3812	3554	3950	2780
Boone	5239	5721	6359	6458	5870	6110	6503	3766	5473	5044	4529	4647	5180	3977
Bremer	4739	4585	4608	4104	3463	3472	3635	2146	2798	2634	2461	2178	2730	1810
Buchanan	5625	5987	6137	5537	4460	3756	4436	2961	3396	3567	3087	2126	3710	2503
Buena Vista	5792	7213	7321	7483	7012	6934	7602	4168	6370	5786	5588	4855	5410	4395
Butler	5920	5861	6382	5709	5386	4840	4899	2763	4075	4021	3388	3183	4580	2652
Calhoun	6169	7089	6516	7221	7690	7505	8520	4426	6829	6290	5948	5263	6440	4897
Carroll	5476	5357	6500	6514	6260	5818	6542	3832	5443	4679	4545	3952	4210	3050
Cass	4563	4764	4738	4359	3885	3476	4609	2778	3685	3671	3361	2867	2490	1879
Cedar	5795	6382	6481	5956	5201	4085	4893	3175	3586	3674	3636	3290	3330	2545
Cerro Gordo	6237	5913	6156	5765	4787	5013	5353	2615	4076	4213	4374	3837	4240	3235
Cherokee	5436	6323	6702	6392	6204	5768	6333	4247	5223	5300	4702	3787	4070	2958
Chickasaw	5162	4972	4837	4481	3875	4022	3812	2001	2806	2968	2626	1740	2490	1661
Clarke	1290	1281	1093	1270	588	634	984	464	872	948	843	1223	1050	650
Clay	6868	7077	6969	6502	6132	5876	6421	2268	5556	5079	5471	4421	4790	3899
Clayton	2206	1928	2431	2186	1142	601	444	284	268	240	192	178	260	133
Clinton	5653	6408	6097	5322	4609	4100	4531	3020	3616	3514	3637	2963	3110	2011
Crawford	5973	6180	7130	6735	5517	5487	6076	4126	4699	4766	4488	3251	2760	2149
Dallas	5329	5310	6061	5697	6532	4929	5896	3854	4669	4460	4211	3898	4450	2871
Davis	1769	1414	1786	1831	1320	1127	1225	866	1034	1055	1004	1526	1590	988
Decatur	1541	1269	1369	1414	1106	969	1215	580	859	1020	813	1388	1240	668
Delaware	4528	4207	3820	3296	2430	1952	2077	1292	1396	1317	1246	878	1360	887
Des Moines	2709	2898	3033	3385	2680	2603	3162	2328	2707	2424	2406	1918	2230	1869
Dickinson	3865	3833	4494	3434	3931	3312	3829	1185	3014	3181	2948	2405	3340	2236
Dubuque	1945	1899	1324	1038	718	404	399	250	243	217	212	106	110	90
Emmet	4366	4222	4895	4431	3956	4169	4587	1191	3838	3433	3981	3337	4000	3054
Fayette	6409	6025	6256	5411	4694	4463	4241	2634	3180	3418	3018	2829	3580	2070
Floyd	5515	5179	6193	5243	4597	4872	4800	2919	3950	3816	4175	3462	3630	2652
Franklin	6575	6322	7393	5971	5532	5876	6073	3196	5146	5279	4686	4952	4960	3934
Fremont	4975	4814	4475	5200	4989	3974	5348	2294	4565	4414	3727	4191	4190	2603
Greene	5813	6679	6878	6896	6915	6923	7702	4570	6706	5796	5360	5513	5680	4442
Grundy	6784	7505	7206	7065	5678	6572	6610	4400	5689	5319	4847	4857	4570	3509
Guthrie	3839	4290	4546	4004	3885	3485	4001	2469	3199	3290	2977	2567	2390	1799
Hamilton	5830	6965	7369	7067	6139	6779	7425	3577	6293	5836	5024	5065	5880	4469
Hancock	6526	5997	6532	5905	5354	5308	5452	2863	4631	4459	4757	4662	4890	4200
Hardin	5879	6218	6673	6431	5500	5913	6284	3403	5188	4858	4801	4780	4510	3583
Harrison	5680	5880	5621	6266	6011	4917	6493	4254	5185	4480	4332	4489	3600	2850
Henry	3017	3080	3706	3529	2939	2827	3280	2260	2570	2482	2288	2509	2270	1977
Howard	4644	4852	4465	4289	3341	3524	3516	1583	2218	2818	2653	1950	2490	1172
Humboldt	5345	5009	5538	5687	5406	5579	5674	3053	4977	4927	4815	4008	4290	3994
Ida	3755	4697	5095	4619	3918	4062	4573	3166	3515	3302	3106	2958	2130	1860
Iowa	3739	3795	4236	4057	2964	2484	2781	1767	2063	1965	1814	2061	1760	1292
Jackson	1881	1937	1655	1142	690	487	479	336	331	414	398	309	430	218
Jasper	6548	6908	7140	7232	5308	5505	5924	3498	4620	4469	4187	4147	3750	2577

Table 5. Estimated Bushels (in 1,000s) of Soybeans Harvested in Iowa's Counties, 1975, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Jefferson	2524	2169	2923	2969	2332	2581	2878	1910	2256	2269	2055	2494	2160	1629
Johnson	3577	3895	4153	3858	3152	2716	3375	1952	2490	2384	2519	2106	2480	1789
Jones	3759	4318	4080	3752	2806	2347	2617	1770	1943	2182	2054	1602	1890	1236
Keokuk	3873	3654	3887	4361	3174	3430	3734	2479	2657	3009	2343	2459	2740	1661
Kossuth	11368	10572	11597	10980	9956	10548	0625	4875	9183	8436	9667	10244	10130	8591
Lee	2742	2629	3083	3275	2675	2840	3085	1901	2571	2210	1848	2308	2380	1467
Linn	5195	5662	6014	5307	4357	3666	4720	2958	3703	3693	3558	3206	3900	2498
Louisa	2718	3242	3561	3177	2585	2618	3436	2131	2671	2387	2394	2018	2120	1731
Lucas	953	962	1048	1201	590	657	769	467	689	734	617	979	780	575
Lyon	6911	6990	6756	6387	6533	5468	6623	2985	4780	5002	4139	4071	3890	2724
Madison	2731	2976	2955	2853	2575	2212	2880	1587	2258	2227	1953	1887	2200	1220
Mahaska	4534	4700	5115	4916	3562	4108	4653	2803	3445	3590	3088	3155	3220	2242
Marion	3227	3170	3057	3308	2612	2452	3222	2018	2460	2451	2253	2117	2200	1442
Marshall	5790	6284	6541	6390	4922	4862	5045	3167	3936	3897	3609	3889	3700	2523
Mills	3776	3784	3821	4049	3779	3101	4277	2166	3625	3544	3140	3525	2970	2623
Mitchell	4916	4929	5072	4627	3935	4218	3871	1878	3233	3514	3233	2568	2710	2153
Monona	5345	6125	5619	5823	4869	4427	5958	3572	4815	3590	4004	3900	2660	2600
Monroe	1232	1060	1191	1252	1128	832	875	556	622	692	604	697	890	593
Montgomery	3666	3522	3686	3742	3655	2435	3595	2248	3216	3121	2709	2630	2400	1937
Muscatine	3147	3610	3661	3428	2676	2767	3174	1899	2426	2142	2336	2120	2110	1756
O'Brien	7491	8151	7765	7563	6992	6751	7030	3223	6227	6546	5737	4894	5400	4370
Osceola	5060	5575	5335	4781	4880	4756	5019	1838	4104	4608	4084	3081	4040	2855
Page	4208	4206	3828	4582	4031	2776	3841	2661	3756	3624	3310	3257	2600	2269
Palo Alto	6430	6570	6774	6473	6219	5679	5889	2201	5524	4997	5699	4709	5600	4446
Plymouth	7580	9027	9258	8509	8506	7569	8937	6305	6711	6900	6460	5030	4330	2945
Pocahontas	6887	7094	7605	7968	7504	7677	8079	3964	6823	5998	5453	5819	5890	5404
Polk	3597	3864	4150	4300	3632	4087	4480	2458	3583	3240	3031	2859	3810	2489
Pottawattamie	8842	8982	8890	9227	7567	7116	9159	6071	7385	7251	6624	6449	5025	4008
Poweshiek	5013	5085	5303	4951	3258	3583	4320	2737	3300	3481	3091	3171	2870	2060
Ringgold	1889	1763	1997	2027	1168	1269	1832	831	1345	1408	1151	1969	1760	1051
Sac	4856	6386	6898	6996	6367	6228	7304	4969	5652	5082	4954	4581	3870	3141
Scott	3938	4339	4073	3889	3275	2707	3148	2171	2317	2350	2308	1903	1870	1575
Shelby	5275	6052	6484	6205	4997	5027	5483	3686	4233	4288	3871	3576	2840	2109
Sioux	8970	9913	9409	9075	8587	7367	8721	5030	6425	6715	5722	4770	4230	2598
Story	6080	6533	6949	7064	6316	6484	7124	4035	5839	5114	4968	4525	5530	3946
Tama	6430	7104	7043	6632	5128	5197	5622	3752	4352	4582	4214	4120	4520	3080
Taylor	2847	2635	2753	2940	1843	1708	2803	1666	2024	1981	1532	2745	1710	1154
Union	2016	2064	1964	1846	1555	1134	1734	964	1410	1464	1224	1227	1070	687
Van Buren	1837	1495	2207	2194	1888	1545	1707	1249	1542	1461	1237	1681	1470	1160
Wapello	2177	2150	2355	2511	1857	2238	2307	1494	1898	2041	1623	1687	2140	1464
Warren	2841	2738	2939	3040	2241	2234	2889	1393	2249	2144	1941	1749	2090	1237
Washington	4179	4763	5201	5237	4242	3993	4678	3019	3464	3509	3075	2903	3240	2316
Wayne	2084	1888	2005	2039	899	1430	1796	1056	1303	1338	1110	1661	1710	1130
Webster	8191	8430	8788	8994	8170	9089	9272	4683	7743	7330	6350	6569	7660	5811
Winnebago	4766	4338	4787	4309	3528	3707	3820	1869	3022	3392	3398	3079	3530	2956
Winneshiek	3730	3289	2826	2484	1435	1542	1265	728	710	797	698	524	700	401
Woodbury	5960	7098	6989	6802	5637	4933	5715	3735	4446	3570	3684	3405	2700	2317
Worth	4638	4325	4705	4154	3282	3667	3565	1820	2930	2889	3038	2676	2870	2357
Wright	6699	6995	7455	6921	6736	7168	7388	3789	6392	6402	6175	5927	6280	5270
State of Iowa	459240	478375	496800	478400	415800	398180	447270	257300	359480	349515	327850	309700	318395	236980

Table 6. Estimated Bushels of Soybeans Harvested Per Acre in Iowa's Counties, 1975, 1980, 1985, and, 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Adair	39.5	42.2	43.4	40.1	37.1	30.0	50.3	31.4	41.6	42.4	36.7	39.5	37.5	27.7
Adams	41.2	39.4	43.7	42.3	40.0	28.0	49.0	33.1	41.1	40.8	38.5	38.5	35.2	29.9
Allamakee	46.7	47.3	52.6	45.7	47.1	42.7	49.5	35.7	37.3	43.3	42.0	32.4	38.2	28.6
Appanoose	41.0	35.2	40.5	42.1	36.6	29.4	41.3	27.4	37.5	31.0	33.0	35.8	27.6	28.4
Audubon	39.5	39.4	43.3	45.1	41.9	44.4	52.8	34.7	44.8	44.9	40.1	39.8	35.4	31.5
Benton	43.2	47.1	53.7	50.5	46.4	43.6	52.0	35.8	44.3	44.6	45.4	38.2	41.3	35.7
Black Hawk	45.4	50.7	52.5	48.2	45.5	49.5	53.4	34.3	46.6	41.7	45.3	39.3	41.8	33.9
Boone	39.7	42.9	47.0	45.0	46.3	49.0	52.5	32.6	46.1	41.7	40.3	39.9	43.1	35.9
Bremer	52.2	52.0	53.7	48.6	43.3	49.7	52.1	32.9	46.7	42.6	46.9	39.2	36.3	31.8
Buchanan	45.1	49.1	53.1	48.2	45.6	43.3	52.3	36.4	44.8	47.3	45.4	34.6	39.8	32.8
Buena Vista	37.9	46.0	48.8	48.4	46.3	48.0	52.5	30.4	46.6	39.8	41.4	39.3	40.7	37.7
Butler	45.9	45.0	51.7	45.2	46.5	48.1	49.6	29.9	45.9	40.0	41.6	37.8	40.1	32.1
Calhoun	39.6	43.5	41.0	45.0	47.9	47.1	55.1	28.9	45.9	37.0	40.2	38.0	43.3	34.5
Carroll	38.6	38.6	46.7	46.2	43.1	45.6	52.8	31.8	46.2	41.0	40.8	40.7	40.8	35.6
Cass	40.5	41.5	42.8	40.2	40.1	35.8	50.3	31.0	42.6	42.1	39.4	37.8	35.4	30.8
Cedar	46.1	51.1	54.7	51.7	47.1	45.6	56.4	38.7	45.1	50.0	49.0	45.0	44.4	38.4
Cerro Gordo	46.4	41.4	49.1	44.3	40.3	45.3	48.0	24.2	42.2	37.5	44.0	34.2	37.8	33.2
Cherokee	40.0	46.5	51.0	49.2	45.8	47.4	52.5	37.4	46.7	48.6	45.5	39.2	42.2	38.6
Chickasaw	49.8	46.5	48.0	45.8	39.8	49.8	49.7	27.3	42.1	42.1	42.8	29.0	33.1	28.1
Clarke	38.1	37.9	38.9	42.3	31.1	24.2	44.9	21.7	36.5	34.9	34.3	38.3	32.5	26.7
Clay	48.4	48.2	50.0	46.1	44.5	44.7	49.9	19.7	44.2	39.4	44.3	35.5	37.4	34.8
Clayton	51.4	49.6	53.4	48.4	48.0	50.1	49.9	35.9	44.7	45.3	43.6	37.1	36.6	31.7
Clinton	45.3	53.1	53.7	51.2	48.3	49.0	54.7	39.3	47.0	47.2	49.8	41.6	45.1	37.6
Crawford	37.6	39.0	47.2	45.4	43.5	43.3	53.0	36.8	44.0	42.0	43.2	36.9	33.7	35.6
Dallas	43.8	43.6	48.7	43.1	46.6	44.2	52.7	35.7	44.0	41.2	41.7	35.6	42.1	30.3
Davis	41.2	33.7	46.6	45.5	40.2	30.5	42.4	30.5	41.5	35.8	35.4	36.2	31.3	28.8
Decatur	39.7	34.5	39.7	44.7	37.0	28.2	46.9	21.7	35.6	37.2	31.4	35.7	31.1	27.9
Delaware	53.3	53.3	53.7	51.9	49.7	46.6	53.4	37.8	45.2	46.9	45.3	35.1	41.5	33.0
Des Moines	40.5	42.1	47.8	49.6	43.3	36.3	51.2	39.0	45.2	41.9	45.1	41.7	39.4	37.2
Dickinson	45.0	43.6	50.3	41.0	45.8	43.1	48.0	16.5	40.8	39.5	41.5	33.5	40.0	31.3
Dubuque	52.7	56.0	53.6	50.4	51.3	44.9	49.9	36.2	40.5	45.2	47.1	36.6	45.8	33.3
Emmet	42.5	40.2	48.1	43.4	42.2	43.1	47.9	14.6	43.2	35.2	44.6	36.1	41.1	34.9
Fayette	49.8	46.1	53.7	47.5	45.7	50.3	50.0	33.3	43.1	45.5	44.7	38.3	40.7	31.7
Floyd	46.9	43.2	52.2	44.4	42.6	47.6	47.7	30.4	43.0	40.0	44.8	33.6	34.5	29.6
Franklin	44.5	43.7	50.6	41.8	44.7	46.4	48.4	26.1	44.5	36.7	40.5	38.6	39.9	37.7
Fremont	41.3	42.3	39.7	43.4	42.1	34.1	49.2	34.2	43.6	41.6	35.8	40.5	37.0	31.2
Greene	38.9	43.8	46.2	45.9	48.5	47.2	53.2	32.3	47.6	40.1	40.0	41.1	41.9	36.1
Grundy	47.6	52.2	51.7	50.4	48.6	52.2	52.0	35.7	48.3	43.4	44.2	41.7	43.6	39.7
Guthrie	38.5	42.6	46.1	40.8	42.6	40.8	51.4	32.2	42.7	41.3	39.9	37.0	36.4	29.3
Hamilton	39.4	45.3	47.9	45.2	45.6	48.6	52.8	26.9	47.1	40.1	39.1	40.2	40.1	34.8
Hancock	47.0	42.9	48.2	42.7	42.3	44.3	44.6	25.1	41.4	34.2	40.5	35.2	39.3	34.7
Hardin	43.3	44.8	48.0	45.4	45.9	50.6	53.4	29.9	46.9	39.2	45.4	41.7	40.5	36.3
Harrison	39.8	39.4	40.2	43.5	44.6	37.3	51.6	34.9	44.4	37.3	36.6	41.7	32.9	35.2
Henry	40.3	40.1	52.1	48.9	45.3	39.9	54.8	39.8	46.0	44.2	41.8	41.1	39.3	37.7
Howard	47.5	46.7	47.1	44.3	38.9	45.9	46.9	22.4	34.0	38.6	40.5	27.2	34.1	20.8
Humboldt	45.3	41.8	46.7	46.3	46.0	48.2	50.1	27.0	46.6	36.3	45.3	37.3	38.9	38.2
Ida	34.8	45.1	48.7	46.3	46.1	45.7	53.9	39.4	44.6	43.1	43.1	39.9	34.1	37.3
Iowa	43.5	43.4	54.0	50.5	42.5	38.3	52.7	33.2	40.6	43.0	40.5	40.3	38.3	33.0
Jackson	46.0	51.1	54.1	49.7	43.1	40.6	48.4	39.1	41.9	47.0	45.2	36.4	43.4	32.5
Jasper	45.5	49.4	49.7	49.8	44.7	48.0	54.4	36.0	45.8	43.5	44.6	40.1	42.6	34.5

Table 6. Estimated Bushels of Soybeans Harvested Per Acre in Iowa's Counties, 1975, 1980, 1985, and, 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1975
Jefferson	37.8	32.5	47.0	45.7	41.8	37.0	51.6	34.9	42.6	40.4	38.0	38.1	37.8	32.0
Johnson	40.3	43.3	52.3	48.5	40.7	39.0	52.0	32.3	41.6	41.4	44.6	38.6	40.2	34.7
Jones	45.4	53.5	53.7	50.9	46.8	43.6	52.4	36.6	43.4	48.5	48.1	38.5	43.2	36.8
Keokuk	42.2	39.5	47.3	50.6	43.0	40.5	53.5	37.4	41.8	49.2	42.0	40.4	42.7	32.3
Kossuth	45.4	41.9	46.9	43.8	42.1	44.0	44.6	21.9	42.8	31.5	42.3	36.0	41.0	36.6
Lee	39.8	37.8	46.6	49.2	42.7	38.1	52.5	36.5	45.2	37.0	34.6	39.9	37.5	33.1
Linn	43.0	48.1	53.8	47.9	43.7	39.1	51.5	33.2	43.2	43.4	43.4	36.3	41.0	33.8
Louisa	37.9	44.5	49.5	46.0	39.8	38.1	53.0	36.3	43.9	41.7	44.4	38.1	42.4	33.6
Lucas	38.3	37.6	45.4	44.8	35.1	28.3	43.0	24.1	38.5	34.8	32.3	37.8	30.4	27.6
Lyon	49.1	48.9	49.9	46.1	47.5	43.5	53.2	26.5	40.9	43.6	36.5	35.8	38.2	36.7
Madison	40.3	42.2	46.8	42.3	37.5	36.3	53.4	27.9	43.8	39.6	37.8	34.0	38.8	28.6
Mahaska	43.7	46.2	51.8	49.6	41.1	43.0	55.5	38.2	43.4	45.8	43.3	41.3	41.9	33.7
Marion	45.0	44.9	46.1	46.0	38.0	36.3	52.9	34.2	43.5	41.8	41.1	40.2	39.3	33.2
Marshall	45.3	50.6	51.7	50.7	49.3	50.8	56.2	36.0	47.5	44.9	45.7	41.6	43.9	36.7
Mills	39.8	39.9	41.2	43.1	40.9	34.2	49.3	32.3	43.8	42.2	39.1	38.0	37.4	39.2
Mitchell	47.8	47.8	50.8	46.5	44.4	48.6	45.1	22.1	41.0	42.2	43.6	31.9	29.0	28.3
Monona	37.2	41.4	43.0	41.8	41.3	34.9	50.6	33.7	44.2	31.0	36.6	37.0	26.5	33.4
Monroe	38.0	35.2	41.1	45.0	37.0	29.8	48.6	28.4	37.0	38.0	33.4	34.0	33.8	28.4
Montgomery	41.7	40.2	43.9	44.8	40.3	28.5	48.1	31.5	43.6	41.9	38.2	36.7	35.6	31.5
Muscatine	41.5	46.9	49.5	46.9	40.7	42.2	52.2	36.7	41.9	37.0	44.1	38.6	42.2	35.8
O'Brien	49.1	52.3	50.7	48.1	48.3	46.1	47.9	23.2	44.3	46.7	42.4	36.9	39.6	37.2
Osceola	45.7	49.4	49.5	43.1	44.0	43.8	46.2	18.8	40.3	44.7	41.2	33.3	39.4	35.6
Page	42.6	41.3	39.2	45.3	42.5	28.2	44.3	31.3	43.3	39.3	36.9	39.0	31.2	28.3
Palo Alto	45.0	44.8	46.7	44.8	43.3	43.6	45.4	18.9	44.7	32.0	45.2	36.1	38.4	33.7
Plymouth	38.0	46.1	48.8	45.8	45.5	45.2	54.3	41.2	45.2	45.3	45.3	39.8	36.5	35.7
Pocahontas	42.6	42.3	46.7	47.0	46.4	47.2	50.6	25.2	44.9	35.7	37.5	39.5	38.3	36.8
Polk	41.4	44.5	45.8	46.7	45.0	49.3	54.9	34.4	44.9	40.4	40.3	35.4	40.5	30.0
Pottawattamie	42.8	43.6	44.1	44.7	43.4	38.7	52.5	36.5	44.7	42.4	40.9	39.8	35.9	32.5
Poweshiek	44.4	44.3	49.7	48.7	44.1	41.2	54.1	34.0	43.0	44.8	43.1	39.1	41.0	33.6
Ringgold	38.7	36.2	39.7	41.4	33.9	25.1	48.3	24.5	37.6	35.0	28.9	37.6	33.6	28.0
Sac	33.3	42.9	45.2	47.5	44.0	46.2	55.5	38.1	45.7	38.8	41.5	39.3	35.4	34.3
Scott	48.7	56.4	55.7	52.7	49.8	49.4	57.3	42.9	47.5	50.6	48.1	45.1	44.2	40.7
Shelby	38.1	43.3	46.9	47.8	45.4	45.4	52.8	36.5	44.1	44.9	41.9	40.9	36.5	35.3
Sioux	48.3	52.9	51.7	49.0	50.2	47.4	56.2	36.2	45.4	48.8	44.4	40.9	40.5	36.9
Story	42.8	44.8	47.5	46.4	47.3	48.8	53.6	32.0	46.9	40.3	41.1	37.2	42.2	34.6
Tama	45.1	50.0	51.7	48.6	46.3	46.5	53.1	35.4	43.7	43.8	44.0	37.7	42.9	36.7
Taylor	39.7	35.2	39.7	40.1	33.8	24.0	48.4	29.1	38.6	34.8	29.1	40.0	30.0	25.3
Union	39.7	40.7	40.7	42.1	35.5	23.2	47.0	26.6	39.5	40.9	38.6	37.3	35.0	28.2
Van Buren	38.4	31.4	46.7	47.0	39.5	33.7	46.4	32.0	41.9	37.2	33.8	36.0	31.3	31.1
Wapello	39.8	37.3	47.0	46.9	40.5	38.7	50.3	35.7	42.2	42.7	36.3	37.7	39.4	32.1
Warren	42.5	41.1	45.8	44.5	37.8	35.3	51.7	26.0	42.4	37.5	39.7	35.8	37.4	29.0
Washington	40.3	45.4	50.8	49.6	43.8	41.4	56.5	39.1	44.5	48.9	44.8	42.0	44.9	35.3
Wayne	38.7	34.5	39.9	40.3	36.1	28.3	42.9	24.8	35.4	34.1	28.9	34.9	31.5	28.3
Webster	45.5	45.5	45.7	46.0	47.1	50.3	52.3	27.0	45.4	40.3	38.3	38.9	42.7	35.8
Winnebago	46.3	40.4	47.2	43.6	39.3	41.8	43.5	21.9	39.8	32.8	40.6	32.2	33.2	33.0
Winneshiek	50.5	47.1	44.7	46.0	42.3	46.9	49.4	31.0	35.5	41.5	43.4	31.4	38.7	26.4
Woodbury	35.3	42.3	44.0	41.0	41.0	38.0	50.3	34.7	44.5	33.8	39.4	38.0	30.9	34.0
Worth	46.9	42.1	49.1	44.3	42.2	45.4	43.6	23.1	39.8	36.3	42.8	32.5	31.3	30.1
Wright	42.3	43.0	46.5	42.8	44.4	46.7	48.1	25.3	44.9	37.4	43.7	36.8	38.2	37.8
State of Iowa	43.0	44.5	48.0	46.0	44.0	43.0	51.0	31.0	44.0	40.5	41.5	38.0	38.5	34.0

5). Nor did the number of bushels produced in 2000 provide a yield per acre that exceeded those for 1994 through 1999 (Table 6, Figure 2). The average soybean yield per acre was 43.0 bushels in 2000. Yields in 1975 and 1993 averaged fewer than 35.0 bushels per acre. As with corn, the 1993-1994 period produced both the highest and lowest yields.

Soybean production varies across counties, of course (Tables 4, 5, 6). The average number of bushels produced in 2000 was at least 48 bushels per acre, a figure 5 or more bushels above that for the state, in 12 counties. Thirty-one counties harvested fewer than 40 bushels of soybeans per acre in 2000 (Figure 4).

Concluding Comment

The number of acres of corn harvested for grain surpassed that of soybeans in each year reported (Tables 1, 4; Figure 1). In nine of the eleven most recent years, however, corn acreage harvested for grain has exceeded that for soybeans by fewer than four million acres. In 2000, the difference was less than 2 million acres for the fourth consecutive year.

Note: For information on corn silage, oats, wheat, alfalfa hay, and all hay, contact the Iowa Department of Agriculture and Land Stewardship (Iowa Agricultural Statistics, Room 833, 210 Walnut, Des Moines, IA 50309; 515-284-4340). Data for the years 1990-2000 are available on one page per crop per year. For earlier periods, request IOWA CROP COUNTY ESTIMATES: HISTORICAL SERIES: 1975-1989 (\$4.00; make checks payable to the Iowa Department of Agriculture). Historical data from 1950-1977 are available as well, although the original publication is out of print. Some libraries have a copy, and one is available through loan from Iowa Agricultural Statistics. These publications also include data on the number of farms, acres of land in farms, and average farm size in acres.

Figure 1. Estimated acres of corn harvested for grain and soybeans in Iowa, 1975–2000.

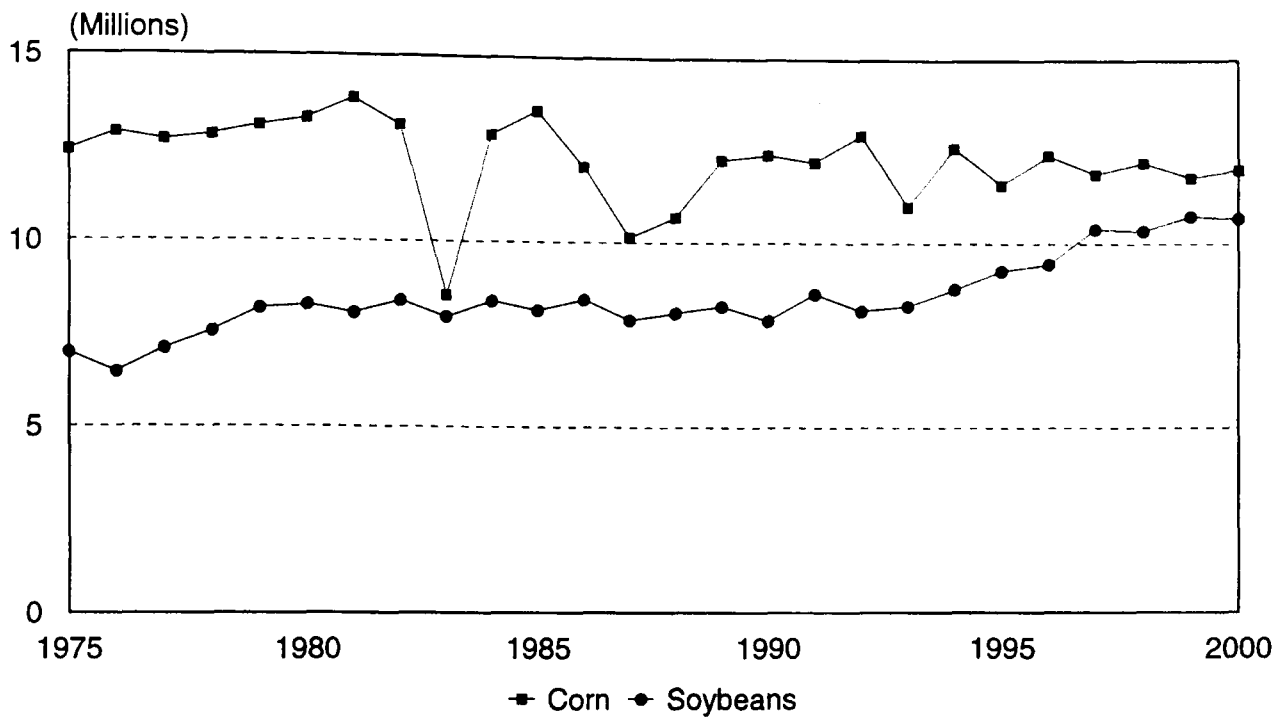


Figure 2. Estimated bushels of corn harvested for grain and soybeans per acre in Iowa, 1975–2000.

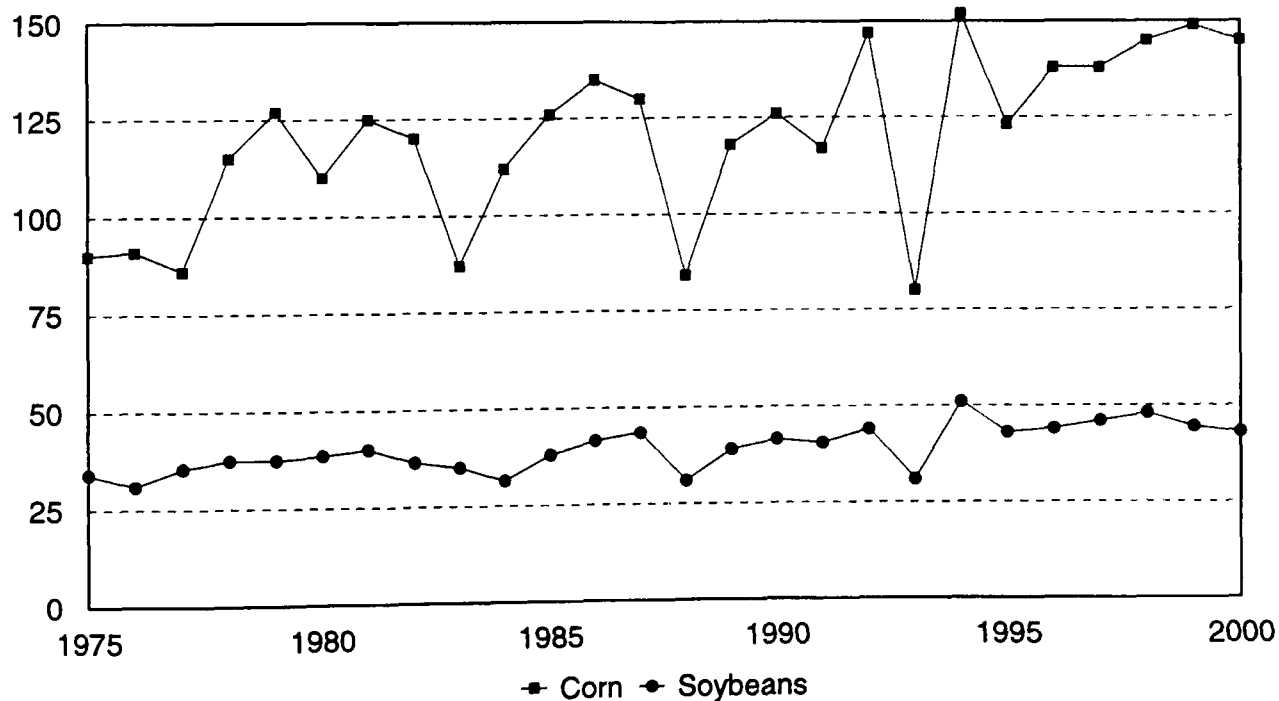


Figure 3. Estimated bushels of corn harvested for grain per acre, 2000.

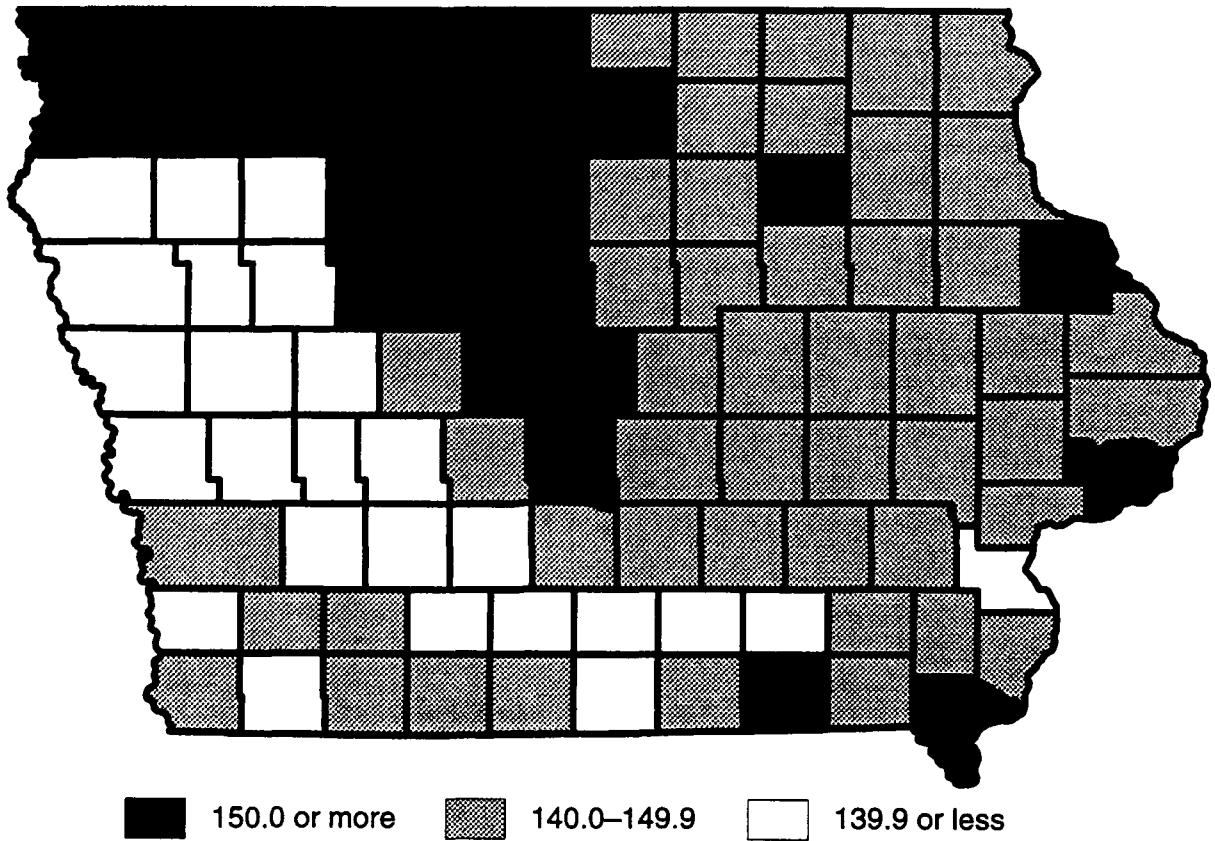
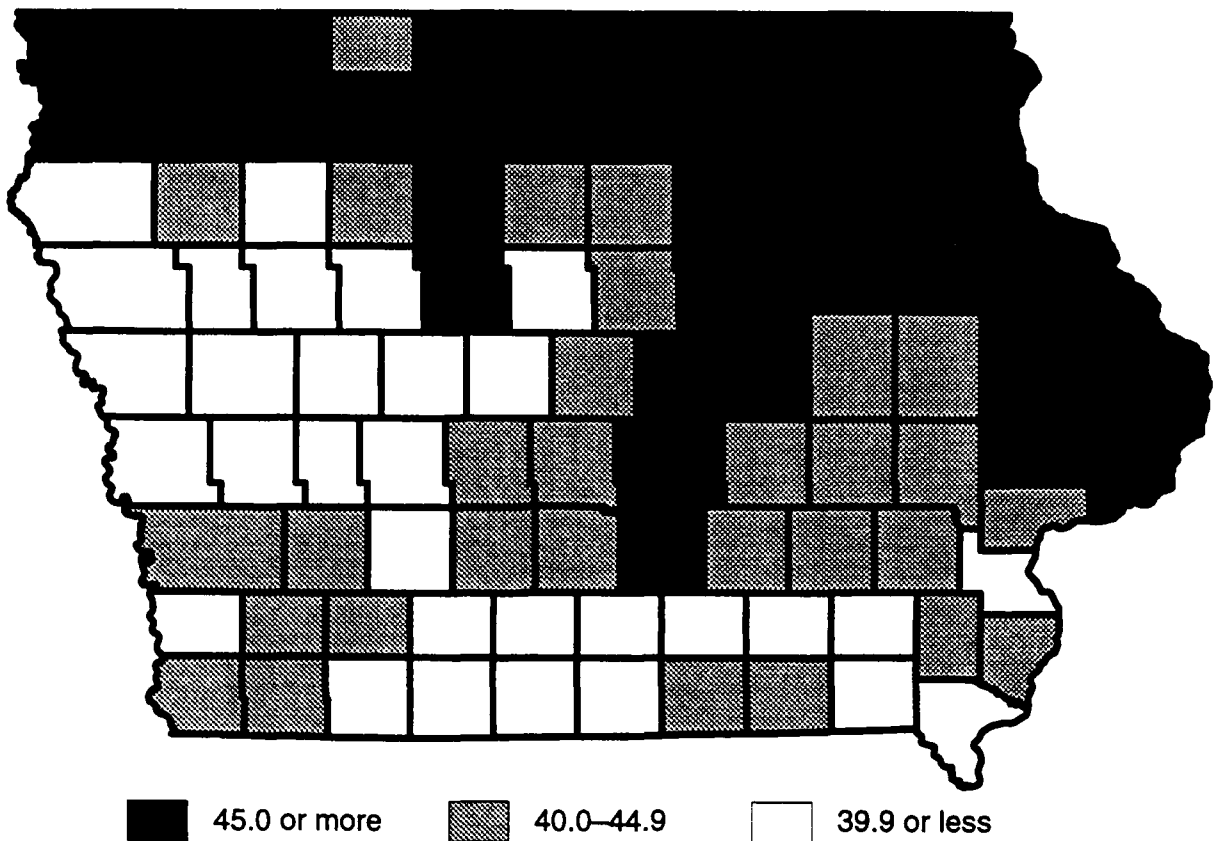


Figure 4. Estimated bushels of soybeans per acre, 2000.



Vehicles Registered in Iowa's Counties: 1985 and 1990-2000

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Sandra Charvat Burke, Iowa State University

The Iowa Department of Transportation is charged with keeping records of vehicles registered in the State of Iowa. The two categories with the greatest numbers of vehicles are those for autos (Table 1) (59.2% of all registered) and trucks (Table 2) (23.8% of all registered) in 2000. The total number of vehicles listed for the state was more than 3,614,000 in 2000, an increase of 546,000 from the 3,068,000 reported in 1990 (Table 3). The total includes buses, motor homes, motorcycles, mopeds, semi-trailers, regular trailers, travel trailers, truck tractors, and miscellaneous vehicles in addition to autos and trucks.

The number of autos registered in 2000 was nearly 258,000 higher than the number reported in 1990. The 2000 figure of 2,138,000 was an all-time high for the state (Figure 1). The number of truck registrations also reached a new high in 2000 (859,000). When 1990 and 2000 were compared, trucks increased by more than 176,000 (Figure 2).

Fewer than 10,000 automobiles were registered in 38 counties in 2000; more than 50,000 were recorded in eight others. Linn, Polk, and Scott were the only counties with more than 100,000; four (Adams, Audubon, Ringgold, Wayne) had fewer than 5,000. Only Adams and Pocahontas had fewer automobiles registered in 2000 than in 1990. Gains of 1,000 or more occurred in 52 counties; five of these increased by at least 10,000 (Johnson, Linn, Polk, Scott, Woodbury).

Truck registrations also varied by county in 2000, with 41 reporting fewer than 5,000 and 21 with 10,000 or more. Increases between 1990 and 2000 ranged from less than 500 in 12 counties to more than 5,000 in Black Hawk, Linn, Polk, Scott, and Woodbury.

Total vehicle registrations in 2000 ranged widely across the state. Polk's total of 410,000 was more than twice the number in every county except Linn (215,000). Black Hawk, Johnson, Pottawattamie, Scott, and Woodbury also had at least 100,000 registered vehicles. Four counties (Adams, Audubon, Ringgold, Wayne) reported fewer than 10,000 vehicles, although only Adams and Ringgold were under 9,000. Between 1990 and 2000, all counties had increases in the total number of vehicles registered. Gains exceeded 20,000 in Johnson, Linn, Polk, and Scott.

Autos comprised at least 60 percent of all vehicles in 11 counties; all were urban counties, with the greatest percentage (70.0) in Polk, which has the highest population in the state. Perhaps as expected, trucks accounted for a higher percentage of registered vehicles in rural areas; in 14 counties, at least 30 percent of all vehicles were trucks. For the most part, these counties were in southern Iowa; the highest percentage (33.3) was in Adams, which contains the smallest number of residents of any county.

In 2000, autos and trucks registered in Iowa totaled 2,996,600; that was more than the state's potential drivers (2,368,500 residents were age 14 or older) and even the total population (2,926,300). In 1990, autos/trucks (2,562,300) also outnumbered potential drivers (2,208,500) but not the total population (2,776,800). The increase of 434,300 autos/trucks in the 1990s substantially outdistanced Iowa's population growth of 149,500 that decade.

Note: See an annual publication called VEHICLE FLEET SUMMARY for more detailed information on vehicles (Iowa Department of Transportation, Office of Vehicle Registration, Park Fair Mall, 100 Euclid Ave., Des Moines, IA 50306-9204).

Table 1. Automobile Registrations in Iowa's Counties, 1985 and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Adair	5733	5761	5778	5675	5617	5566	5509	5480	5503	5504	5451	5516
Adams	3288	3249	3269	3221	3146	3163	3221	3285	3250	3271	3293	2896
Allamakee	10350	10271	10233	9954	9574	9263	9154	9210	9192	9049	8963	9003
Appanoose	10004	9842	10142	9903	9701	9659	9629	9534	9394	9229	9085	8879
Audubon	4781	4746	4801	4765	4707	4640	4568	4591	4638	4670	4694	4974
Benton	18061	17648	17653	17133	16583	16285	15992	15792	15494	15326	15087	11413
Black Hawk	90212	89115	89687	88066	86694	86744	86043	85562	84951	84421	82961	84727
Boone	19052	18786	18885	18344	18117	17896	17683	17686	17571	17393	17081	13907
Bremer	16510	16374	16412	16256	15889	15816	15676	15581	15477	15436	15269	15078
Buchanan	14051	13878	14019	13718	13417	13365	13293	13144	13095	12995	12872	12730
Buena Vista	14110	14041	14260	13954	13682	13607	13434	13397	13388	13249	13059	13369
Butler	11589	11525	11582	11380	11283	11291	11101	11126	11112	11051	10983	10716
Calhoun	8115	8031	8192	8048	7994	7929	7906	7901	7825	7802	7851	7975
Carroll	15578	15421	15578	15121	14789	14637	14369	14364	14245	13950	13871	13993
Cass	10964	10764	10996	10667	10411	10450	10350	10455	10440	10440	10502	11409
Cedar	13377	13226	13284	12936	12617	12505	12354	12278	12259	12070	11901	9257
Cerro Gordo	34674	34588	34821	34344	33875	33797	33365	32870	32717	32675	32535	32825
Cherokee	10115	9946	10063	10087	9967	10026	10046	10072	9906	9887	9726	10043
Chickasaw	10012	9885	9889	9721	9573	9527	9498	9491	9530	9504	9345	9545
Clarke	6526	6336	6306	5964	5770	5775	5694	5532	5494	5425	5363	5283
Clay	13365	13339	13457	13276	12900	12783	12660	12502	12531	12406	12314	10138
Clayton	13486	13374	13528	13218	12698	12636	12363	12209	12235	12049	11876	12011
Clinton	35999	35869	36515	35864	35412	34862	34567	34321	34276	33943	33369	36599
Crawford	12118	11992	11984	11612	11248	11224	11093	11171	11101	11040	10940	11648
Dallas	27967	26650	26264	24790	23831	23088	22770	22048	21603	21032	20756	16163
Davis	5510	5355	5534	5450	5350	5302	5358	5285	5227	5295	5266	5710
Decatur	5419	5318	5452	5217	5093	5084	5022	4992	4993	5033	5060	4891
Delaware	13256	12946	12949	12628	12184	12112	11958	11793	11671	11644	11554	11040
Des Moines	30770	30588	30872	30112	29629	29875	29713	29514	29760	29594	29344	30351
Dickinson	12900	12707	12755	12325	12041	11772	11568	11475	11311	11062	10512	9989
Dubuque	63706	62430	62525	60931	58959	59313	58651	57570	57192	56199	54753	57520
Emmet	8111	8053	8223	8081	7978	8006	7993	7981	7997	7911	7799	8067
Fayette	15767	15594	15676	15431	15185	15218	15062	14890	14846	14776	14701	14579
Floyd	12360	12353	12378	12189	12216	12177	12119	12115	11984	11928	11869	12370
Franklin	8204	8326	8445	8343	8229	8203	8086	7996	8001	7916	7952	6547
Fremont	5976	5944	5941	5809	5724	5847	5819	5870	5870	5775	5686	5615
Greene	7674	7597	7699	7568	7369	7253	7117	7141	7130	7111	7065	7330
Grundy	9071	8962	9008	8983	8921	8837	8718	8640	8642	8565	8507	8520
Guthrie	8560	8449	8514	8247	8127	8071	7887	7839	7747	7554	7474	7051
Hamilton	12129	12031	12080	11865	11804	11781	11747	11636	11531	11485	11433	11283
Hancock	9138	9105	9057	8847	8653	8546	8409	8417	8465	8477	8560	8423
Hardin	13868	13811	13923	13679	13510	13511	13427	13161	13116	13110	13075	13658
Harrison	11893	11671	11877	11379	10863	10896	10668	10715	10543	10414	10261	8441
Henry	13481	13255	13338	12899	12554	12583	12363	12287	12083	12081	11806	11561
Howard	7541	7528	7553	7380	7181	7106	7026	6926	6871	6898	6710	6694
Humboldt	8011	7978	8038	7963	7823	7781	7676	7736	7664	7660	7673	7738
Ida	5940	5915	5894	5898	5815	5847	5803	5760	5783	5691	5755	5534
Iowa	11625	11431	11413	11067	10777	10793	10575	10440	10392	10160	9977	9854
Jackson	14666	14637	14769	14373	13883	13729	13725	13443	13401	13335	13195	13195
Jasper	26238	25937	26097	25216	24963	24846	24523	24673	24568	24348	24278	23179

Table 1. Automobile Registrations in Iowa's Counties, 1985 and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Jefferson	12038	11971	12148	11803	11590	11657	11623	11565	11511	11462	11380	11442
Johnson	70206	68004	67266	64522	61711	61177	59697	58305	57125	55877	54317	48663
Jones	14059	13785	13843	13544	13011	13101	12901	12766	12632	12494	12340	11739
Keokuk	8279	8071	8142	7933	7826	7843	7789	7733	7711	7778	7732	7790
Kossuth	13229	13272	13326	13061	12919	13017	12915	12930	12965	13042	13205	13615
Lee	27385	27200	27689	26840	26076	26498	26424	26316	26282	26158	25860	22370
Linn	143524	140587	140028	134841	132164	129855	127723	125930	123789	122551	119665	113211
Louisa	8727	8504	8552	8358	8153	8161	8030	7993	7940	7834	7612	7000
Lucas	6273	6177	6304	6232	6128	6001	6049	6004	5950	5967	5943	5997
Lyon	9284	9154	9107	8876	8651	8385	8358	8279	8205	8050	7850	8126
Madison	9726	9487	9523	9196	9028	8753	8551	8450	8344	8286	8163	7546
Mahaska	15679	15374	15443	14976	14719	14556	14428	14361	14169	14102	13905	13701
Marion	22749	22337	22187	21346	20720	20512	20272	19823	19465	19065	18872	17917
Marshall	28721	28380	28620	27840	27518	27738	27533	27176	27112	27095	26867	26734
Mills	10894	10653	10990	10517	10132	9754	9403	9407	9269	8916	8728	8328
Mitchell	8121	8003	7979	7988	7828	7720	7715	7685	7668	7624	7569	7705
Monona	7527	7406	7506	7272	7115	7130	7038	7108	7039	6857	6796	6662
Monroe	6038	6000	6087	5898	5735	5721	5549	5569	5457	5336	5359	5382
Montgomery	8418	8427	8592	8540	8243	8339	8384	8370	8234	8188	8244	6858
Muscatine	29703	29464	29697	29079	28494	28471	28357	28049	27874	27414	26746	26792
O'Brien	11347	11303	11396	11270	11016	10870	10755	10636	10558	10463	10376	10699
Osceola	5293	5261	5258	5184	5139	5118	5054	5058	5098	5007	4859	5016
Page	11506	11494	11773	11522	11226	11357	11228	11169	11136	11000	11098	11286
Palo Alto	7177	7105	7158	7136	7012	6933	6908	6911	6936	6914	6904	7226
Plymouth	18288	17882	17734	17580	16826	16504	16247	16189	15937	15547	15117	16103
Pocahontas	6610	6607	6638	6605	6477	6486	6424	6580	6535	6593	6702	6952
Polk	286672	279867	279712	267779	260254	255650	252631	248409	243786	239108	234947	237309
Pottawattamie	67369	66539	69286	66427	64488	63214	62540	62575	62209	61339	60328	64682
Poweshiek	12797	12686	12673	12483	12283	12266	12090	12027	12056	12045	12017	11904
Ringgold	3781	3706	3727	3663	3519	3534	3478	3546	3557	3551	3562	3559
Sac	8370	8335	8406	8343	8252	8245	8172	8199	8190	8166	8237	8378
Scott	123243	120983	122650	119273	113825	114810	113090	109503	110807	107668	106397	109691
Shelby	9508	9413	9528	9431	9193	9115	9133	9018	9048	8999	9027	9091
Sioux	21211	20931	20800	20092	19458	19207	18904	18606	18191	17700	17346	17737
Story	49894	49027	48743	47249	46045	45331	44396	43977	43414	42777	41938	32440
Tama	12878	12756	12900	12646	12521	12618	12364	12161	11917	11837	11808	11659
Taylor	5020	4958	5024	4870	4712	4753	4716	4684	4690	4710	4697	4773
Union	9098	8927	9037	8868	8666	8705	8609	8631	8636	8622	8658	8332
Van Buren	5461	5384	5430	5323	5171	5193	5148	5067	5019	5006	5000	5101
Wapello	25998	25549	25893	25354	24859	24949	24992	25023	24656	24247	23878	24125
Warren	27931	27387	27310	26263	25814	25373	25198	25053	24568	24309	23992	22103
Washington	14334	14129	14212	13982	13631	13486	13286	13183	13130	12949	12871	12414
Wayne	4798	4784	4928	4899	4766	4796	4755	4717	4651	4703	4658	4800
Webster	28571	28578	28717	28121	27594	27681	27687	27613	27454	27295	27252	27958
Winnebago	9221	9038	8999	8887	8737	8706	8739	8684	8630	8620	8658	8557
Winneshiek	14438	14161	14087	13622	13297	13138	13010	12958	12851	12814	12583	12628
Woodbury	74957	74967	77243	74925	73359	72437	70188	69254	67924	66535	64862	63420
Worth	6128	6036	6104	5971	5929	5862	5817	5683	5750	5705	5696	5834
Wright	10406	10353	10557	10356	10210	10215	10139	9834	9756	9758	9780	8051
Official	12833	12167	11858	11266	10665	10980	10548	10172	9925	9698	9516	8084
Unknown	364	367	391	357	334	343	327	323	353	356	386	2090
State of Iowa	2137933	2105514	2118809	2058306	2007365	1993287	1968663	1947159	1930124	1905976	1879715	1848817

Table 2. Truck Registrations in Iowa's Counties, 1985 and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Adair	3745	3665	3722	3578	3525	3484	3417	3411	3407	3335	3314	3197
Adams	2282	2217	2199	2094	2042	2047	2043	2032	2003	1988	2032	1695
Allamakee	5306	5160	5072	4853	4671	4541	4548	4488	4439	4329	4296	3993
Appanoose	5428	5263	5315	5143	4970	4931	4774	4700	4568	4508	4417	4159
Audubon	2950	2932	2895	2805	2693	2658	2622	2598	2615	2625	2645	2590
Benton	9221	8940	8827	8314	7979	7664	7469	7259	7089	6967	6784	5289
Black Hawk	27169	26629	26529	25472	24648	24120	23704	23117	22705	22288	21816	22347
Boone	8425	8226	8249	7973	7745	7468	7326	7148	6982	6815	6624	5277
Bremer	7168	7007	6916	6677	6518	6377	6182	6023	5947	5855	5767	5464
Buchanan	7004	6838	6768	6530	6293	6196	6007	5887	5824	5747	5622	5396
Buena Vista	6236	6045	6035	5812	5637	5460	5377	5283	5212	5158	5049	5015
Butler	5857	5758	5743	5607	5433	5265	5070	5016	4965	4908	4805	4843
Calhoun	4033	3993	3975	3795	3764	3708	3573	3530	3519	3553	3553	3558
Carroll	7192	7084	7037	6846	6608	6377	6257	6173	6028	5927	5862	5802
Cass	6026	5853	5822	5581	5398	5267	5172	5135	5091	5034	5022	5146
Cedar	6886	6643	6587	6359	6033	5887	5804	5672	5534	5478	5328	4208
Cerro Gordo	11626	11460	11367	11026	10565	10298	10073	9807	9700	9638	9542	9514
Cherokee	4904	4868	4889	4797	4630	4554	4497	4380	4312	4300	4226	4222
Chickasaw	4836	4706	4668	4487	4321	4085	3990	3902	3852	3827	3816	3803
Clarke	3532	3402	3410	3216	3077	3014	2949	2902	2864	2837	2812	2634
Clay	5733	5572	5528	5335	5167	4960	4815	4698	4677	4595	4606	3738
Clayton	7289	7112	7103	6772	6556	6434	6378	6293	6201	6126	5987	5930
Clinton	14194	13873	13887	13273	12904	12444	12100	11748	11643	11496	11225	11410
Crawford	6419	6257	6198	5917	5753	5785	5661	5638	5559	5510	5441	5417
Dallas	10595	10259	10189	9622	9367	9123	8895	8725	8501	8397	8271	6441
Davis	3565	3498	3518	3373	3196	3139	3074	3000	2911	2868	2833	2773
Decatur	3310	3326	3300	3137	3018	2962	2929	2918	2873	2868	2896	2674
Delaware	6533	6271	6184	5925	5678	5541	5354	5269	5127	5092	4952	4705
Des Moines	12359	12018	11925	11399	11123	10941	10662	10344	10197	10106	9855	9484
Dickinson	5367	5176	5140	4879	4715	4595	4453	4357	4185	4070	3969	3828
Dubuque	18997	18392	18078	17204	16587	16376	15801	15143	14748	14418	14155	14455
Emmet	4028	3919	3932	3867	3673	3569	3490	3433	3377	3314	3236	3387
Fayette	7310	7133	7077	6809	6682	6463	6369	6197	6106	6039	5977	5720
Floyd	5656	5561	5515	5393	5259	5134	5054	4921	4869	4794	4693	4759
Franklin	4148	4122	4115	4014	3901	3796	3744	3676	3629	3579	3561	2954
Fremont	3965	3913	3937	3764	3583	3585	3531	3536	3492	3433	3310	3340
Greene	4083	4103	4106	4000	3938	3896	3885	3828	3707	3650	3550	3687
Grundy	4576	4465	4449	4241	4101	4024	3861	3803	3742	3730	3613	3663
Guthrie	4695	4559	4551	4313	4208	4069	3963	3921	3812	3788	3680	3565
Hamilton	5577	5567	5541	5362	5205	5082	4938	4788	4693	4658	4667	4627
Hancock	4537	4414	4334	4184	4036	3904	3802	3735	3674	3703	3696	3766
Hardin	6628	6568	6570	6289	6091	5919	5769	5602	5504	5393	5353	5415
Harrison	6846	6726	6734	6357	6093	5907	5761	5707	5584	5443	5328	4418
Henry	6843	6676	6669	6405	6083	6072	6007	5833	5709	5638	5532	5160
Howard	3844	3721	3686	3547	3409	3336	3256	3185	3086	3081	3029	3088
Humboldt	3798	3725	3695	3561	3454	3384	3346	3283	3273	3307	3351	3329
Ida	3219	3209	3220	3190	3078	2998	2959	2969	2939	2919	2934	2808
Iowa	6605	6453	6312	5904	5583	5406	5273	5150	5046	5006	4909	4639
Jackson	7248	7058	6997	6745	6470	6329	6102	5925	5849	5780	5671	5579
Jasper	11349	11285	11241	10695	10449	10214	10002	9744	9643	9540	9512	8913

Table 2. Truck Registrations in Iowa's Counties, 1985 and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Jefferson	4898	4796	4813	4719	4609	4554	4493	4406	4330	4232	4152	4298
Johnson	18098	17634	17272	16485	15801	15530	14871	14364	13879	13494	13223	12217
Jones	6750	6604	6493	6303	6093	5925	5890	5758	5607	5521	5439	5304
Keokuk	4942	4849	4844	4653	4509	4395	4381	4277	4243	4181	4165	4147
Kossuth	6464	6398	6347	6146	5944	5825	5771	5675	5628	5616	5684	5664
Lee	12603	12340	12397	11864	11373	11300	10924	10564	10399	10155	9962	8401
Linn	42346	41198	40638	38457	37085	35999	34939	33564	32610	31757	31069	28449
Louisa	4922	4794	4771	4547	4435	4391	4225	4152	4109	4013	3945	3799
Lucas	3649	3642	3635	3450	3327	3266	3225	3223	3197	3140	3076	2949
Lyon	4223	4257	4232	4102	3967	3804	3786	3780	3713	3700	3634	3621
Madison	5842	5576	5512	5198	5001	4851	4772	4650	4563	4549	4480	4013
Mahaska	7938	7729	7740	7373	7110	6854	6718	6522	6396	6309	6224	5918
Marion	10290	10000	9863	9408	9115	8870	8738	8515	8376	8157	7933	7375
Marshall	11507	11329	11310	10617	10296	10090	10019	9616	9485	9388	9243	8970
Mills	5904	5730	5702	5391	5124	4873	4684	4531	4433	4314	4188	3960
Mitchell	4097	4031	4023	3910	3789	3648	3572	3509	3420	3378	3338	3290
Monona	4384	4345	4422	4244	4143	4097	4090	4128	4062	3993	4000	3986
Monroe	3246	3192	3227	3110	2991	2909	2893	2787	2791	2731	2695	2687
Montgomery	4665	4546	4555	4377	4217	4149	4135	4124	4087	3991	3955	3192
Muscatine	12505	12214	12160	11659	11214	10957	10822	10547	10377	10077	9937	9495
O'Brien	4993	4875	4890	4804	4647	4450	4314	4286	4240	4183	4179	4118
Osceola	2827	2835	2825	2767	2673	2603	2586	2529	2575	2529	2469	2357
Page	6065	5984	6033	5728	5460	5364	5274	5166	5025	4972	4885	4800
Palo Alto	3699	3577	3594	3532	3384	3354	3281	3219	3186	3164	3117	3163
Plymouth	8466	8198	8055	7766	7381	7230	7039	6800	6746	6588	6435	6445
Pocahontas	3353	3285	3291	3188	3151	3025	2984	2987	2992	3010	3023	2954
Polk	75164	72752	72097	67824	64241	61942	60410	58475	56562	55441	54131	52852
Pottawattamie	26361	25823	26311	24631	23613	22946	22455	22075	21848	21615	21515	21258
Poweshiek	7157	6906	6816	6630	6363	6179	6036	5962	5893	5778	5708	5497
Ringgold	2618	2551	2567	2466	2374	2344	2272	2244	2234	2237	2221	2204
Sac	4591	4542	4517	4474	4387	4261	4157	4120	4098	4055	4015	3870
Scott	34375	33290	33155	31305	29387	28875	28197	27325	27429	26601	25978	25588
Shelby	5162	5080	5102	4945	4767	4714	4615	4574	4543	4478	4426	4217
Sioux	9480	9123	9033	8671	8281	8033	7892	7752	7625	7431	7242	7025
Story	14568	14261	13956	13310	12888	12483	12079	11822	11510	11281	11072	8459
Tama	6816	6701	6736	6574	6359	6352	6259	6090	5949	5847	5782	5617
Taylor	3161	3047	3060	2913	2816	2745	2701	2620	2580	2556	2580	2655
Union	4808	4689	4687	4488	4332	4262	4190	4142	4054	3990	3955	3658
Van Buren	3545	3409	3429	3306	3164	3116	3065	3035	2966	2848	2806	2793
Wapello	11086	10920	10930	10334	10013	9730	9629	9399	9190	9028	8717	8923
Warren	11981	11604	11464	10821	10447	10206	9907	9547	9331	9170	8970	8313
Washington	7145	6991	6968	6718	6414	6247	6101	5932	5789	5768	5647	5469
Wayne	3084	3000	3017	2988	2899	2838	2789	2770	2728	2691	2665	2607
Webster	11617	11452	11261	10802	10361	10060	9899	9697	9578	9421	9351	9632
Winnebago	4102	4006	3984	3843	3802	3725	3785	3686	3639	3560	3589	3452
Winneshiek	7093	6825	6745	6462	6123	6030	5977	5904	5838	5718	5710	5633
Woodbury	24856	24593	24873	23670	22782	22138	21391	20916	20381	20063	19790	19098
Worth	3211	3126	3108	3012	2951	2856	2798	2740	2724	2694	2676	2615
Wright	4837	4765	4790	4593	4463	4311	4209	4085	4129	4120	4067	3450
Official	23870	22958	22745	22259	21900	22779	22474	22278	22280	22077	21842	18258
Unknown	210	215	237	185	295	392	455	502	534	529	541	1586
State of Iowa	858716	838207	833988	797463	768171	750665	734256	717203	704913	693597	682570	652125

Table 3. Total Vehicle Registrations in Iowa's Counties, 1985 and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Adair	11810	11640	11705	11416	11253	11112	10922	10870	10851	10755	10680	10885
Adams	6861	6696	6665	6458	6305	6258	6245	6270	6208	6265	6359	5404
Allamakee	19761	19375	19186	18505	17863	17347	17129	17042	16940	16696	16529	16376
Appanoose	18772	18318	18712	18197	17694	17600	17394	17168	16820	16528	16300	16402
Audubon	9688	9584	9586	9375	9084	8936	8791	8792	8798	8850	8868	9256
Benton	33976	33042	32730	31276	30072	29431	28238	27561	27130	26652	26174	19611
Black Hawk	138933	137007	137450	134113	131446	130666	129355	128149	127164	126134	124398	131405
Boone	33930	33282	33364	32322	31690	30981	29844	29536	29219	28816	28337	22908
Bremer	30084	29519	29422	28697	27981	27622	27174	26873	26605	26426	26149	26020
Buchanan	26607	26089	26168	25391	24644	24424	24053	23740	23706	23471	23147	22969
Buena Vista	25286	24941	25134	24433	23881	23507	23218	23067	22979	22788	22511	23283
Butler	22388	22123	22043	21584	21157	20888	20414	20294	20210	20059	19868	19989
Calhoun	15317	15188	15318	14919	14781	14637	14426	14372	14265	14235	14278	14759
Carroll	27720	27235	27267	26433	25686	25166	24651	24540	24231	23888	23642	24996
Cass	20809	20351	20530	19793	19277	19138	18947	18971	18908	18840	18873	20359
Cedar	25291	24768	24720	23916	23090	22601	21803	21565	21310	21042	20746	15897
Cerro Gordo	56204	55639	55713	54488	53287	52606	51783	50865	50595	50479	50205	51280
Cherokee	18991	18728	18874	18648	18247	18246	18204	18064	17764	17735	17456	18176
Chickasaw	19506	19042	18873	18315	17829	17393	17129	16971	16962	16837	16616	16935
Clarke	12213	11807	11761	11062	10628	10531	10368	10109	10004	9933	9845	9683
Clay	24228	23861	23939	23363	22669	22156	21370	20974	20926	20653	20490	16449
Clayton	26213	25747	25892	25080	24213	23961	23569	23218	23145	22872	22541	22532
Clinton	60596	59844	60456	58929	57900	56758	55994	55399	55319	54829	54044	58640
Crawford	22593	22168	22057	21289	20649	20602	20306	20305	20143	20039	19849	21153
Dallas	46397	44321	43702	41248	39807	38592	37261	36296	35581	34872	34476	26642
Davis	11213	10922	11089	10702	10318	10173	10137	9948	9754	9759	9696	10289
Decatur	10761	10610	10734	10281	9951	9858	9712	9624	9572	9614	9632	9543
Delaware	24421	23662	23532	22720	21848	21596	21132	20772	20405	20320	20032	19278
Des Moines	52134	51414	51579	49946	49116	49081	48541	47978	48167	47924	47567	49971
Dickinson	24282	23657	23549	22574	21838	21257	20692	20390	19963	19499	18732	18203
Dubuque	96521	94045	93791	90641	87502	87520	86000	83988	83241	81919	80167	85699
Emmet	15785	15538	15692	15355	14985	14867	14718	14612	14571	14380	14164	14974
Fayette	28677	28148	28160	27475	27059	26790	26470	26074	25875	25734	25531	25623
Floyd	22757	22583	22575	22101	21914	21636	21402	21220	20965	20741	20535	21533
Franklin	15631	15654	15853	15499	15182	14919	14376	14161	14094	13980	14010	11587
Fremont	12188	11987	12012	11608	11197	11272	11097	11077	10967	10752	10499	10668
Greene	14832	14759	14896	14550	14158	13934	13738	13669	13517	13435	13280	14153
Grundy	17577	17222	17156	16737	16436	16216	15872	15692	15594	15519	15319	15696
Guthrie	16883	16415	16361	15701	15344	14967	14634	14468	14257	14001	13780	13509
Hamilton	22586	22382	22388	21847	21513	21159	20821	20450	20248	20191	20075	20495
Hancock	17757	17451	17271	16804	16334	15990	15619	15451	15417	15486	15528	15626
Hardin	25750	25475	25560	24890	24422	24229	23967	23404	23226	23119	23099	24558
Harrison	22822	22273	22459	21330	20311	19807	19076	18929	18602	18337	18064	14790
Henry	24776	24288	24363	23462	22636	22625	22283	22007	21618	21508	21063	20953
Howard	14513	14267	14212	13716	13287	13068	12849	12618	12384	12360	12082	12205
Humboldt	15492	15235	15268	14972	14608	14450	14226	14199	14054	14070	14069	14342
Ida	11702	11627	11659	11484	11195	11094	10952	10896	10867	10754	10813	10538
Iowa	22415	21896	21627	20565	19891	19663	19140	18811	18546	18294	17996	17622
Jackson	27312	26859	26907	26026	25104	24718	24328	23770	23585	23376	23123	23181
Jasper	46365	45696	45714	43937	43309	42900	42133	41884	41605	41264	41205	40426

Table 3. Total Vehicle Registrations in Iowa's Counties, 1985 and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Jefferson	20424	20202	20391	19800	19427	19419	19303	19061	18884	18748	18604	19070
Johnson	101354	98200	97002	92975	89030	87988	85519	83470	81727	80092	78101	71897
Jones	25702	25116	25001	24293	23322	23139	22823	22503	22168	21913	21621	21016
Keokuk	16253	15849	15862	15380	15064	14906	14771	14541	14463	14450	14436	14838
Kossuth	25273	25070	24960	24168	23591	23429	23194	23070	23039	23144	23337	24288
Lee	47983	47290	47840	46127	44539	44281	43493	42978	42883	42420	41999	35902
Linn	215371	210270	208707	199915	195148	191293	187753	184363	181401	179232	175588	169573
Louisa	17033	16525	16548	15975	15609	15536	15170	15027	14920	14720	14426	13709
Lucas	12468	12325	12439	12021	11676	11473	11454	11327	11236	11176	11103	11487
Lyon	17156	16960	16828	16370	15860	15336	15244	15161	15032	14798	14457	14834
Madison	19275	18540	18417	17562	17068	16592	16225	15852	15639	15562	15274	14375
Mahaska	29259	28601	28621	27558	26935	26416	26104	25774	25416	25232	25015	25137
Marion	40572	39542	39114	37449	36302	35668	35089	34292	33810	33092	32638	31440
Marshall	48608	47889	48047	46104	45175	45054	44642	43792	43700	43686	43401	44399
Mills	20118	19542	19763	18811	18014	17224	16613	16373	16122	15608	15279	14798
Mitchell	15499	15175	15087	14855	14483	14149	13980	13819	13673	13569	13453	13735
Monona	14574	14381	14588	14093	13728	13616	13477	13483	13336	13115	13080	12945
Monroe	11522	11318	11449	11045	10709	10540	10286	10101	9969	9732	9696	9880
Montgomery	15833	15631	15844	15545	14966	14843	14599	14569	14413	14210	14250	11708
Muscatine	51250	50353	50674	49347	48182	47847	47521	46946	46730	45973	45198	45694
O'Brien	21272	20934	21014	20642	20099	19657	19376	19161	19004	18833	18682	19363
Osceola	10604	10519	10508	10256	10005	9884	9738	9639	9743	9540	9314	9488
Page	21183	20980	21295	20598	19940	19978	19684	19390	19189	18970	18971	19554
Palo Alto	13655	13411	13443	13237	12866	12733	12599	12509	12450	12391	12335	13210
Plymouth	33694	32617	32168	31533	30139	29456	28764	28237	27778	27083	26395	27543
Pocahontas	12840	12735	12764	12558	12300	12190	12028	12192	12130	12125	12282	12800
Polk	409655	398626	397718	379466	365218	358001	352882	345987	339445	333645	328135	341538
Pottawattamie	107634	105702	108960	103817	100498	98376	97080	96718	96388	95455	94355	101168
Poweshiek	25134	24545	24336	23857	23210	22866	22453	22273	22220	22068	21976	21844
Ringgold	7947	7708	7710	7550	7268	7233	7072	7105	7125	7117	7097	7181
Sac	16468	16304	16343	16109	15793	15558	15319	15252	15186	15103	15126	15268
Scott	179712	175549	176939	170340	162216	162538	159941	155230	156817	152714	150730	157132
Shelby	18131	17877	17986	17577	16996	16772	16602	16464	16474	16299	16263	16483
Sioux	39667	38805	38425	37052	35581	34843	34247	33675	33026	32119	31511	31705
Story	74954	73382	72736	70224	68342	67106	65674	64996	64186	63297	62339	47690
Tama	24281	23876	24097	23502	23044	23079	22696	22388	21987	21781	21660	21795
Taylor	10032	9786	9835	9476	9130	9095	9013	8850	8791	8832	8827	9396
Union	17159	16712	16740	16261	15854	15799	15607	15566	15524	15469	15456	15096
Van Buren	11283	11008	11032	10736	10404	10324	10208	10037	9886	9679	9581	9783
Wapello	44831	44031	44331	42887	41894	41578	41458	41205	40555	39963	39235	41135
Warren	48425	47097	46660	44494	43477	42662	42095	41411	40644	40202	39740	38074
Washington	26344	25850	25807	25174	24378	23981	23578	23157	22964	22757	22508	22608
Wayne	9625	9435	9584	9486	9226	9169	9078	8985	8893	8877	8814	9136
Webster	48703	48251	48124	46666	45467	45074	44715	44338	44024	43540	43377	46510
Winnebago	17101	16665	16573	16194	15830	15631	15760	15489	15384	15270	15325	15248
Winneshiek	26325	25497	25283	24275	23428	23133	22830	22655	22449	22248	21934	22430
Woodbury	115839	115120	117760	113642	110784	108762	105318	103638	101624	100127	98031	98613
Worth	12028	11778	11800	11440	11241	10954	10786	10544	10565	10458	10388	10559
Wright	19501	19344	19567	18985	18506	18237	17667	17178	17084	17243	17099	14049
Official	54689	51731	50783	49445	47888	50376	49144	48047	47680	46850	45861	38318
Unknown	620	632	678	588	699	872	841	896	966	968	1092	12569
State of Iowa	3614189	3539666	3543855	3421633	3321140	3279614	3224016	3176817	3145619	3107525	3067837	3065482

Figure 1. Automobile registrations in Iowa, 1984–2000.

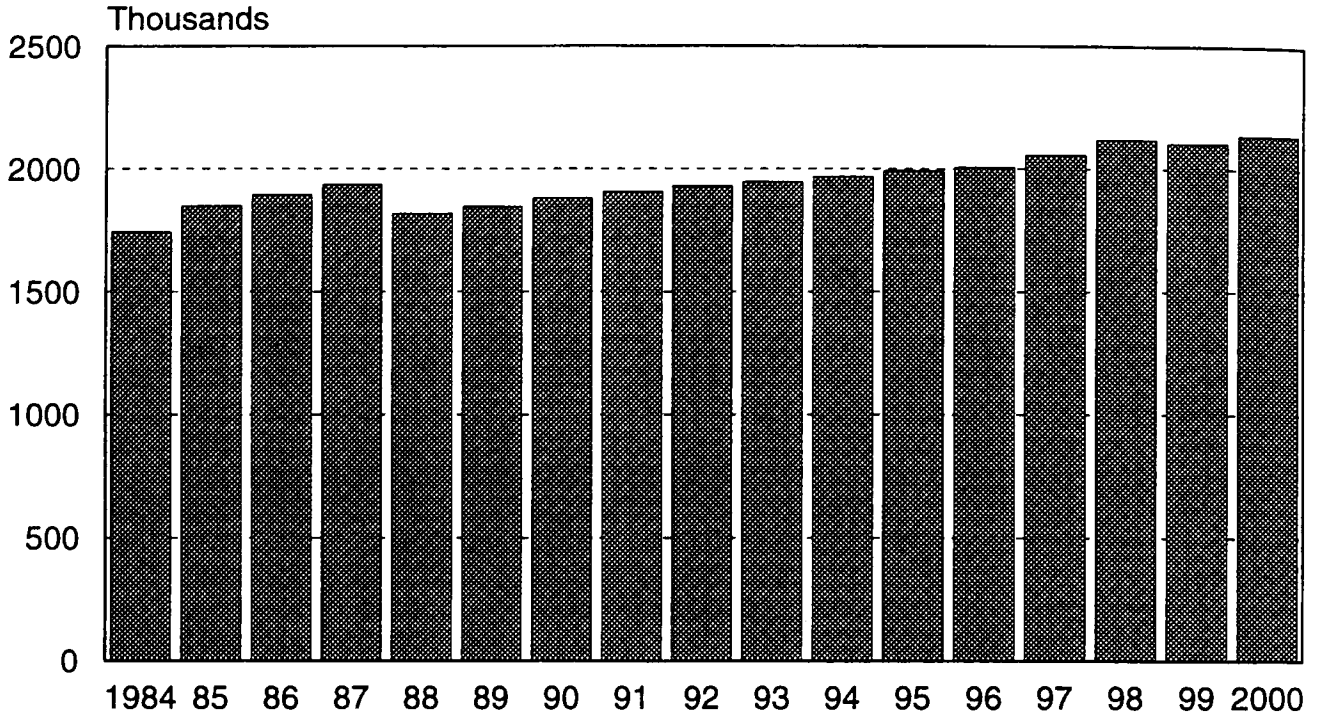
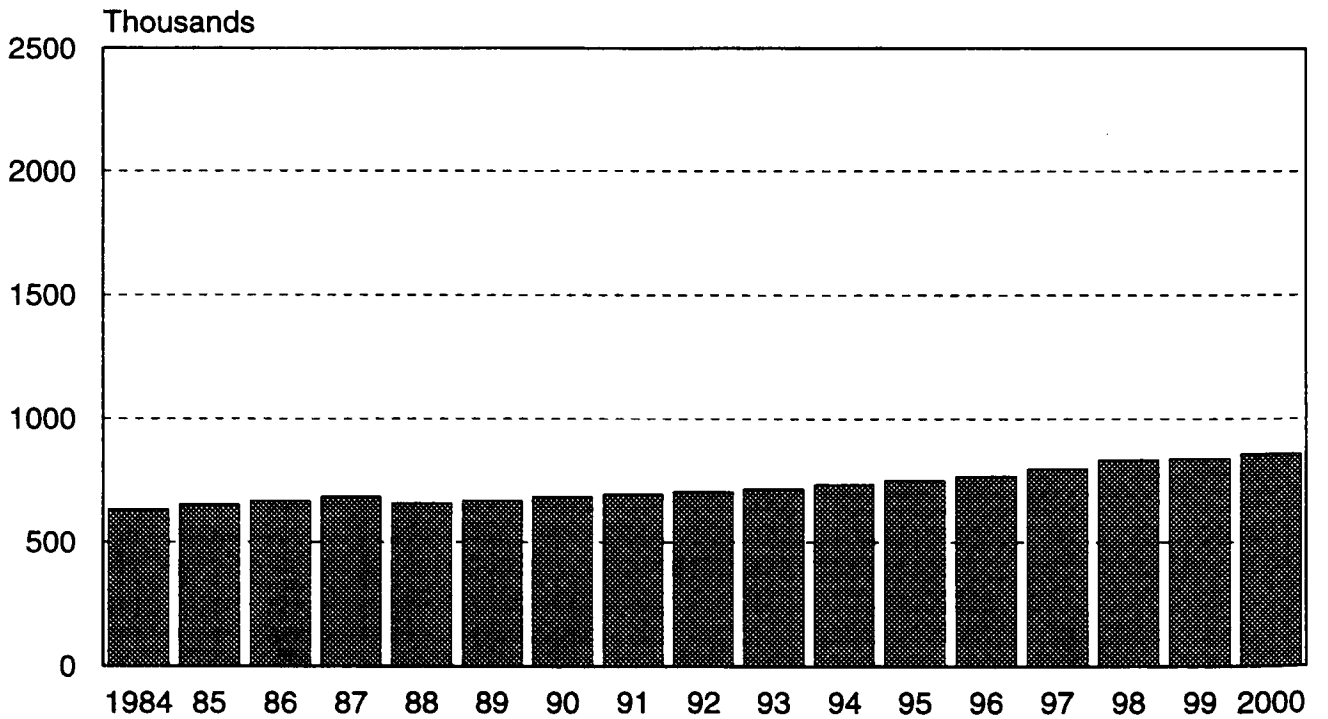


Figure 2. Truck registrations in Iowa, 1984–2000.



Salaries of Elected Officials in Iowa's Counties: Fiscal Years 1991-2001

Margaret Hanson, Iowa State University
Willis Goudy, Iowa State University
Cris Plocher, Iowa State Association of Counties

The Iowa State Association of Counties annually gathers information from county auditors regarding salaries of elected officials. Information is available on those elected to the roles of county attorney, auditor, recorder, sheriff, supervisor, and treasurer.

Large differences in salaries among certain categories of county officials (Figure 1) must be interpreted with caution. For example, attorneys serve part-time in some counties while their positions are thought of as full-time in others. The same can be said about supervisors; also, a differential is paid to the chairperson of the board of supervisors in some counties.

County Attorneys

Salaries of county attorneys ranged from \$23,970 in Ringgold to \$125,407 in Polk in fiscal year 2001 (which ran from July of 2000 through June of 2001) (Table 1). This relatively great range indicates differences arising from part- versus full-time appointments, among other factors. Attorneys in 44 counties received salaries of \$50,000 or more that year, although they exceeded \$80,000 only in Johnson, Linn, Polk, Scott, Story, and Woodbury. Only Ringgold was below \$25,000; five others were less than \$30,000. Statewide, salaries for county attorneys averaged (mean) about \$49,500.

The position of county attorney experienced an average salary increase across the state of \$18,400 from 1991 to 2001. These averages jumped by at least \$1,000 each year. In only Dickinson was the 2001 salary lower than that reported in 1991. Gains in 11 others were less than \$10,000, although they grew by at least \$20,000 in 30 counties. Polk and Story had increases greater than \$40,000; so did Clarke, where the position of county attorney became full-time the last fiscal year.

When adjusted for inflation, however, changes were less dramatic. The adjusted figures yield an average increase of \$10,400 from 1991 to 2001, which indicates that inflation eroded some of the purchasing power of the annual salary increases. In fact, 1991 salaries adjusted for inflation were higher than the 2001 figures in Dickinson and Hardin. Caution must be repeated, of course; changes could have occurred in the part/full status of this position in some counties.

County Auditors

The average salary of Iowa's county auditors was \$36,800 in 2001 (Table 2). Black Hawk, Johnson, Linn, Polk, Scott, Story, and Woodbury paid at least \$50,000 to those elected as auditors and another 13 counties were in the \$40,000-\$49,999 range. Nine counties allocated less than \$30,000 to this position.

Average salaries for auditors increased by \$11,400 between 1991 and 2001. In 6 of the 10 year-to-year comparisons, gains in the statewide average topped \$1,000. Increases ranged from less than \$7,000 in Taylor to \$20,000 or more in Linn, Polk, Scott, and Woodbury. When controlled for inflation, only Marshall reported a lower auditor salary in 2001 than in 1991. The other 98 counties each increased by at least \$1,000, with Cerro Gordo, Jasper, Polk, Scott, and Woodbury reporting inflation-adjusted gains greater than \$10,000 across the years examined.

Table 1. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Attorneys in Iowa's Counties, Fiscal Years 1991-2001.

County	Unadjusted										Adjusted		
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Adair	35962	34162	31762	28762	27392	26698	25971	25638	24891	24166	22929	28846	29257
Adams	27710	26773	25868	24993	23656	23316	23316	22206	22206	18505	17624	22172	25551
Allamakee	31147	29150	27500	26500	25675	24926	24200	23690	23690	23000	23000	28935	27315
Appanoose	51097	50292	49549	48454	47015	45909	44284	43138	41400	41400	40000	50323	50309
Audubon	32984	31484	30484	28984	28140	27433	26843	24993	24266	23111	21721	27326	30062
Benton	63000	57000	52495	49524	47619	46098	44275	41275	41275	39775	37000	46548	50516
Black Hawk	78718	76425	71425	68024	63243	61401	59903	57599	53821	53821	53821	67710	67286
Boone	51089	48656	46785	44986	43676	42404	40578	39300	39300	37800	36000	45290	46468
Bremer	59876	57025	41037	38353	36181	35127	33455	31862	30933	29000	26000	32710	38494
Buchanan	53279	51230	47230	46030	45030	44030	41780	41780	40280	39680	36680	46146	48250
Buena Vista	41617	39635	37783	35311	33312	32468	30630	30326	30326	30326	29160	36685	35580
Butler	38074	36504	34052	31069	30018	29144	28350	28350	27412	27412	25500	32081	31937
Calhoun	51256	49523	48315	46014	43004	41350	31350	31350	30750	30000	27500	34597	45313
Carroll	40208	38208	37041	35541	34174	33174	32208	30708	30708	30105	28948	36418	36353
Cass	42622	41180	39981	38816	37504	36450	29649	26647	25394	25394	24065	30275	39943
Cedar	42564	41324	39735	37881	36306	34251	32191	31253	30051	29176	26356	33158	37534
Cerro Gordo	72000	69500	67000	65000	60375	58500	54500	49024	46048	46011	42024	52869	64107
Cherokee	40000	38500	32000	32000	30138	29620	27160	26760	26265	25500	25000	31452	32459
Chickasaw	37303	36053	35228	34386	33035	31779	29558	28116	27366	27366	26241	33013	34825
Clarke	75000	35626	34506	31506	30797	29900	28476	27953	26775	25500	23856	30012	32766
Clay	39364	38217	36397	34663	33654	32674	31722	31039	30282	29400	28000	35226	35805
Clayton	32059	30826	28810	27702	26383	25127	24574	24574	23858	23164	22061	27754	27535
Clinton	70801	68606	67685	65918	64373	62864	62118	61200	60000	60000	35754	44981	68889
Crawford	37919	35918	35214	33537	32879	31615	29826	29240	28398	26782	24347	30630	34645
Dallas	59488	57200	55000	44978	63668	42396	41769	38539	38539	34156	34205	43032	46459
Davis	32218	31280	28780	27740	26880	25600	24903	23582	23120	21228	19471	24496	28053
Decatur	32302	29901	26698	22698	22252	21500	20874	20071	20071	19677	18563	23353	23561
Delaware	50121	48661	46790	44990	43680	42000	39384	38802	37672	36575	36575	46014	46025
Des Moines	66470	62690	59870	57662	53609	52697	48588	46042	46393	45000	32769	41226	57747
Dickinson	38275	37175	36442	35041	34020	32400	30000	44894	43586	42950	40552	51017	35505
Dubuque	73480	71339	68927	66276	63726	61870	59778	56130	53255	53225	50241	63206	67800
Emmet	35292	33785	32801	30195	27651	27651	26716	26192	25429	24809	23628	29726	30301
Fayette	43430	40400	39113	38250	37250	35417	35417	35417	34667	33657	31164	39206	38811
Floyd	60196	58443	54943	49843	45391	44501	43121	31482	31482	30595	29000	36484	48766
Franklin	36888	34800	32800	31179	30303	29503	28728	28008	24008	23422	21293	26788	32331
Fremont	41036	38236	35553	36040	34991	33291	32322	31079	30771	29771	28626	36013	36482
Greene	50669	49338	47338	46382	45317	42635	41270	40068	40068	37800	36000	45290	46721
Grundy	36500	35000	32700	30600	29100	28000	26600	25175	24425	23825	21825	27457	30684
Guthrie	49200	48600	46750	42500	42500	28366	27275	25925	25925	25000	23600	29690	31085
Hamilton	45858	44757	43857	42257	40757	39257	38287	37172	36528	34843	32843	41319	43019
Hancock	33900	32500	31200	30500	29361	28511	26711	26711	25711	25207	22807	28693	31243
Hardin	38082	36794	35550	33545	31950	37900	37900	37400	36300	35300	34200	43026	41532
Harrison	39600	38000	34680	33834	32690	31740	30380	28000	28000	26100	25100	31577	34782
Henry	58623	55488	54135	52560	50780	49420	47750	46125	45000	43500	41000	51581	54156
Howard	30792	29292	27292	26500	25500	24000	22929	22029	21654	20881	19887	25019	26300
Humboldt	44000	40000	36488	35000	34534	33528	32551	31581	30364	29916	27960	35175	36741
Ida	28932	28551	27719	26653	25877	24882	22216	22216	21933	21200	20000	25161	27267
Iowa	37030	36162	34939	31763	30689	29651	28511	27414	27414	26326	25075	31546	32493
Jackson	53643	52143	50141	48282	45706	43911	42823	42823	41575	40170	38774	48780	48119
Jasper	69300	66000	53000	52798	50058	48589	46364	44796	43073	43073	40634	51120	53246

Table 1. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Attorneys in Iowa's Counties, Fiscal Years 1991-2001 (continued).

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Jefferson	50100	47299	37050	35950	34700	33700	32550	31550	31250	30650	30650	38560	36930
Johnson	86872	83131	80710	77606	75162	72621	70165	67466	64872	63599	47177	59352	79581
Jones	53550	51299	49326	47430	45171	43253	41993	38883	38883	37750	37250	46863	47398
Keokuk	48121	45830	44495	43452	42600	39814	37845	37103	37103	34500	32000	40258	43630
Kossuth	40180	38176	36426	35262	33744	32224	32224	31285	29852	29484	28080	35326	35312
Lee	68328	64460	61981	56346	54705	52600	50383	48632	48632	48632	44304	55737	57641
Linn	98871	95069	90542	87905	84523	82061	79671	76977	74016	71513	67757	85243	89926
Louisa	35750	35000	33648	32988	31719	30426	28977	28977	28340	27250	26750	33653	33342
Lucas	32370	31320	30520	29620	28480	27650	26850	26068	25432	24933	24132	30360	30300
Lyon	52500	50000	45000	42660	38700	38700	37500	35000	32124	32124	29745	37421	42409
Madison	36542	34473	32522	26229	25514	24533	23585	22898	21300	21300	21300	26797	26884
Mahaska	60170	59360	57910	56500	54850	53510	52360	51330	50320	48615	46300	58248	58638
Marion	59779	56634	53052	52604	50922	48683	46894	44185	42435	34500	32500	40887	53349
Marshall	59717	56337	54856	48979	48979	48979	48979	47645	43314	43314	40035	50367	53673
Mills	52713	49729	45875	45875	44974	42831	41617	41205	41000	41000	21593	27165	46936
Mitchell	36750	35250	34413	31713	30789	29521	28523	27784	27240	26370	23865	30024	32350
Monona	39140	37563	35774	34766	33786	32930	32180	31365	29590	29270	28380	35704	36086
Monroe	45073	45073	45073	43073	41818	41200	40000	38812	37500	37500	21904	27557	45149
Montgomery	34083	31559	31016	29540	28679	27055	25524	24542	24542	23542	22421	28207	29648
Muscatine	51902	49402	43402	41602	40226	38926	37610	35663	34228	33231	33231	41807	42657
O'Brien	34526	33526	32426	30926	29737	28225	27400	26400	25200	24400	22400	28181	30930
Osceola	55956	54326	52744	51744	49440	28400	25875	25200	25200	24720	24000	30194	31122
Page	41024	39774	38616	36953	34990	33970	33050	32000	31000	30000	28000	35226	37226
Palo Alto	53907	51906	50395	48225	46725	44500	42500	41400	40000	40000	36000	45290	48765
Plymouth	59946	54496	49542	46301	43680	41600	40000	32467	30921	28630	26028	32745	45587
Pocahontas	36700	35700	34200	32994	32567	31466	30550	30150	30150	30150	27650	34785	34482
Polk	125407	119436	113748	104356	98626	92909	89336	85900	80168	77085	70725	88977	101813
Pottawattamie	72500	61734	58795	56533	52345	49382	46808	41793	40625	40625	44182	55584	54115
Poweshiek	36962	35885	34176	33181	32215	31277	30366	29382	27976	27563	26250	33024	34275
Ringgold	23970	21750	21751	21220	20703	20099	19142	19142	18585	17956	16781	21112	22025
Sac	36836	35420	34420	33256	28256	26506	26506	26006	26006	25006	24106	30327	29046
Scott	82900	78931	76632	74400	71500	65000	62000	60000	58240	56000	53000	66677	71230
Shelby	35813	34107	31007	30104	28135	27316	26265	25750	25000	25000	23000	28935	29934
Sioux	74700	72500	47880	46830	44390	43010	41920	40800	39800	38600	36550	45982	47132
Story	92400	88000	77984	74985	72100	70000	65000	57975	56400	54000	49500	62274	76709
Tama	49762	48033	47091	43603	42333	41100	40350	38549	38549	36349	36349	45729	45039
Taylor	29007	28026	27210	26417	25648	24661	23943	23246	23246	22352	21492	27038	27025
Union	51326	47826	46326	45426	44103	43239	41008	40213	40213	37705	35075	44127	47383
Van Buren	29979	28754	27754	27154	26044	25838	25353	24723	23887	23887	21547	27108	28314
Wapello	54004	52431	50414	48946	46045	46045	43852	42991	41537	39559	38130	47970	50458
Warren	70300	69100	68080	68080	64838	61400	61400	55825	55000	35930	32600	41013	67285
Washington	59384	57100	56000	53500	52222	52222	51073	48780	43920	43920	40000	50323	57227
Wayne	26809	25609	24709	24709	23995	23295	22400	21482	19585	18770	17700	22268	25528
Webster	63224	60897	58930	56859	54515	52100	46814	45242	44103	43246	41381	52060	57093
Winnebago	35000	34000	32983	32400	31200	30000	28000	26500	25200	25200	24000	30194	32875
Winneshiek	39685	37815	36015	34465	30865	30865	30865	29865	28865	26775	25500	32081	33823
Woodbury	82088	82088	78179	73545	71403	66114	64500	64500	59360	56000	51850	65231	72450
Worth	34235	31996	31176	29411	27746	27146	26496	25233	24498	24498	23500	29565	29748
Wright	40500	39500	37000	34000	33500	32500	31500	29500	28000	28000	25300	31829	35615
Averages	49519	47030	44355	42350	40826	38958	37372	36001	34908	33693	31125	39157	42692

Table 2. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Auditors in Iowa's Counties, Fiscal Years 1991-2001.

County	Unadjusted										Adjusted		
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Adair	29892	28992	28092	26892	25611	24962	24282	23970	23272	22594	21437	26969	27354
Adams	28359	27400	26474	25579	24594	24254	23879	22742	22742	21973	20927	26328	26578
Allamakee	30722	29150	27500	26500	25675	24200	24200	23690	23690	23000	23000	28935	26519
Appanoose	32161	31073	30095	29105	27305	26518	25410	24764	23572	23572	22300	28055	29059
Audubon	32513	31013	30013	28613	27780	27088	26498	25827	25075	23881	22445	28237	29684
Benton	41000	37345	35909	33876	32573	31533	30320	28612	28612	27412	25500	32081	34555
Black Hawk	51198	49707	46455	44243	42136	40909	39911	38376	35859	35859	35859	45113	44830
Boone	38200	36400	35000	33654	32674	31722	30356	29400	29400	29400	28000	35226	34762
Bremer	36712	34964	33946	32329	31757	30832	29790	28923	28080	27000	25500	32081	33787
Buchanan	36451	35049	34195	32995	31995	30995	29270	29270	28370	27870	24870	31288	33966
Buena Vista	35614	34244	33086	31213	29727	28974	28129	27851	27040	27040	26000	32710	31751
Butler	33056	32093	30623	28355	27583	26780	26050	26050	25198	25198	23856	30012	29347
Calhoun	32321	31228	30466	29015	27633	26317	25550	24800	24300	23700	22500	28306	28839
Carroll	39527	37527	36381	34881	33539	32539	31591	30091	30091	29500	28365	35685	35658
Cass	36462	35229	34203	33207	29707	28912	28152	26658	26065	26065	24700	31074	31683
Cedar	35096	34074	32763	31751	30176	29015	27899	27086	26044	25285	24276	30541	31796
Cerro Gordo	44500	42500	41000	39000	37313	36000	33500	30288	29328	29328	27336	34390	39450
Cherokee	35000	33500	31750	31750	30729	29834	28834	28434	27938	27125	26500	33339	32693
Chickasaw	31405	30405	29580	28873	27849	26649	25747	24994	24244	24244	23164	29142	29203
Clarke	34491	32991	31463	28463	27500	26446	25187	24374	23214	22321	21671	27264	28981
Clay	39364	38217	36397	34663	33654	32674	31722	31039	30282	29400	28000	35226	35805
Clayton	33071	31799	29719	28576	27215	25919	25349	25349	24611	23894	22331	28094	28403
Clinton	42717	40452	38267	36781	35511	33982	33089	32125	30164	30164	28456	35799	37239
Crawford	32935	30935	30329	29445	29153	28304	27480	27074	26286	25520	23200	29187	31017
Dallas	43595	41919	40306	38756	37627	36531	35991	33983	33983	30482	30482	38348	40032
Davis	29454	28596	27096	26177	25307	24570	23900	23249	22793	22131	20878	26266	26925
Decatur	27368	25670	24635	23635	23171	22717	22055	21207	22107	20791	19614	24676	24894
Delaware	33134	32169	30932	29742	28326	27237	26443	26053	25294	24557	23500	29565	29847
Des Moines	41527	38872	37373	36256	34034	33558	31374	29984	29372	28268	26333	33129	36774
Dickinson	37858	36758	35687	34150	32837	31273	30213	29191	28341	27928	26588	33449	34270
Dubuque	46604	45247	43717	42444	41611	40399	39033	37532	36653	36653	31598	39752	44271
Emmet	33859	33359	32387	31368	29874	28725	27754	27210	26417	25773	24546	30880	31478
Fayette	36477	34658	33554	32575	31279	30392	29592	29592	29092	28245	26900	33842	33305
Floyd	35690	33355	32072	31137	29730	29147	27662	26598	26598	25848	24500	30823	31940
Franklin	31800	30000	29025	28025	27225	26500	25309	24668	23968	23383	22059	27752	29040
Fremont	31997	29997	29123	28275	27451	26651	25875	24880	24634	23634	22088	27788	29205
Greene	31691	31081	29081	28575	27919	26838	26176	25291	25291	24413	23250	29250	29410
Grundy	34155	31050	30000	28730	27730	26900	26000	25100	24350	23750	22509	28318	29478
Guthrie	32400	31800	30559	27781	27781	27125	26082	24732	24732	23850	22500	28306	29725
Hamilton	36313	35317	34617	33417	32317	31317	30609	29718	29136	28046	26746	33648	34318
Hancock	35500	34100	32950	32150	31040	30340	28540	28540	27540	27000	24515	30841	33248
Hardin	33422	32292	31200	30282	29400	28550	27450	27100	26300	25800	24700	31074	31286
Harrison	35360	34000	32373	31278	30220	29340	28080	26000	26000	25000	24000	30194	32152
Henry	34983	33313	32500	31540	30470	29655	28650	27553	26750	25750	23200	29187	32497
Howard	30292	29292	28292	27500	26500	25000	24277	23710	23410	22575	21500	27048	27396
Humboldt	32300	31000	30000	29050	28196	27375	26578	25786	24761	24396	22633	28474	29999
Ida	29068	28498	27939	27284	26489	25594	24445	24445	24140	23540	22000	27677	28047
Iowa	33132	32355	31261	28419	27458	26893	25859	24985	24985	23891	22756	28629	29470
Jackson	37000	35500	32672	31344	30361	29722	28444	28444	27615	26682	25365	31911	32571
Jasper	46200	44000	39690	37800	34688	33678	31742	30669	29489	29489	27820	34999	36906

Table 2. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Auditors in Iowa's Counties, Fiscal Years 1991-2001 (continued).

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Jefferson	33800	32370	31250	30300	29250	28400	27400	26300	26000	25000	23700	29816	31122
Johnson	52510	50248	48785	46909	45432	43896	42411	40780	39212	38443	36267	45626	48103
Jones	38206	35206	33852	32550	30550	30098	29222	27568	27568	26765	25250	31766	32983
Keokuk	28440	27086	26361	25593	24908	24300	23600	23000	23000	22100	20500	25790	26629
Kossuth	34878	33617	32574	31811	30660	29292	29292	28439	27137	26868	25588	32191	32099
Lee	40949	38631	37145	36063	35012	33667	32246	31126	31126	31126	27801	34975	36894
Linn	64347	61872	58926	57210	55009	53407	51851	50098	48171	46542	44097	55477	58526
Louisa	33200	32500	31519	31519	30306	29071	27686	27686	27210	26418	25280	31804	31857
Lucas	30823	29923	29023	28173	27192	26400	25500	24224	23633	23170	22178	27901	28930
Lyon	33863	32250	31000	29300	28100	28100	27000	25950	24883	24883	23255	29256	30793
Madison	33281	31397	30189	29029	27489	26432	25411	24671	22950	22950	22950	28873	28965
Mahaska	35420	34560	33230	31950	30720	29830	28960	28390	27560	26250	25000	31452	32689
Marion	39948	38144	37084	36108	34389	32877	32158	30467	29601	28600	27000	33968	36028
Marshall	39000	36808	35840	35000	35000	35000	34728	33782	33033	33033	31610	39767	38354
Mills	33777	31865	29395	28264	27177	25883	24650	23702	23237	22781	21593	27165	28364
Mitchell	33000	32000	31355	30155	29277	28048	26616	25927	25419	24607	23105	29068	30736
Monona	35203	34178	33020	31750	30500	28863	28113	27401	25850	25340	23660	29766	31629
Monroe	31723	29723	28523	26523	25750	25000	24000	22979	22202	22202	20946	26351	27396
Montgomery	34083	31559	31016	29540	28679	27055	25524	24542	24542	23542	22421	28207	29648
Muscatine	42290	40790	37290	35990	35149	34149	33154	32188	30995	30387	28940	36408	37422
O'Brien	35037	34036	32937	31737	30516	29004	28260	27260	26540	25900	24900	31326	31784
Osceola	31333	30283	29259	28259	26987	26200	23815	23140	23140	22660	22000	27677	28711
Page	34951	33701	32719	31310	30375	29490	28690	27850	27200	26200	25000	31452	32316
Palo Alto	39000	37000	32995	31575	30450	29000	28000	26910	26000	26000	24000	30194	31779
Plymouth	37607	35816	34439	33139	31864	30788	29890	29133	28422	27329	26028	32745	33739
Pocahontas	32200	31200	30000	28117	27184	26265	25500	24900	24900	24900	23600	29690	28782
Polk	71729	68313	65060	61962	57372	55165	53043	51003	49041	47155	43863	55182	60452
Pottawattamie	45000	42667	40159	38614	35754	32403	31133	30227	29671	29671	29045	36540	35508
Poweshiek	35954	34738	33084	31812	30885	29985	29112	28538	27976	27563	26250	33024	32859
Ringgold	25825	24363	23877	23294	22726	22064	21013	21013	20401	19711	18422	23176	24179
Sac	30817	29632	28631	27663	26113	25475	25475	24035	24035	23685	22785	28665	27917
Scott	58000	55167	53560	52000	50000	46300	44300	43000	41600	40000	38000	47806	50737
Shelby	34995	32706	30855	29956	27996	27181	26136	25750	25000	25000	23700	29816	29786
Sioux	44140	42890	41840	40920	39160	37950	36990	36000	35000	33800	32000	40258	41587
Story	50400	48000	45677	43920	42230	41000	39500	37925	37100	35500	32500	40887	44929
Tama	32317	31303	30293	29411	28554	27722	26972	26511	26511	24511	24511	30836	30379
Taylor	27646	27104	26314	25548	24804	23850	23155	22481	22481	21616	20785	26149	26136
Union	33280	31280	30530	30030	29155	28390	26591	25791	25791	23838	22409	28192	31111
Van Buren	36417	35192	33692	32692	30944	29526	28103	26420	25404	25404	22189	27915	32356
Wapello	37031	35952	34570	32613	30680	30680	29150	28438	27476	26168	23209	29198	33620
Warren	40700	40000	39503	38352	26526	34400	34400	29912	29043	28529	27300	34345	37697
Washington	38135	36668	35600	34500	31125	31125	30440	28854	26900	26900	24800	31200	34108
Wayne	28436	27236	26336	26336	25575	24825	23870	23016	21770	21165	19850	24973	27204
Webster	41507	40029	38226	36452	35050	34000	31538	30575	29705	29152	27719	34872	37259
Winnebago	37316	36316	34816	34200	33000	31800	30500	29000	27000	27000	25800	32458	34848
Winneshiak	35369	34009	32209	31046	28436	28436	27686	26836	25836	25436	24225	30477	31161
Woodbury	56543	56544	53851	50659	49182	47750	39950	39950	38750	37250	35125	44190	52326
Worth	32175	30643	29895	28464	27642	26742	26291	25526	24781	24781	23772	29907	29305
Wright	36285	35400	34400	32900	32400	31400	29900	28900	27400	27400	25850	32521	34409
Averages	36796	35287	33893	32613	31229	30304	29184	28244	27530	26853	25389	31942	33208

Table 3. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Recorders in Iowa's Counties, Fiscal Years 1991-2001.

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Adair	29892	28992	28092	26892	25611	24962	24282	23970	23272	22594	21437	26969	27354
Adams	28359	27400	26474	25579	24594	24254	23879	22742	22742	21973	20927	26328	26578
Allamakee	30722	29150	27500	26500	25675	24926	24200	23690	23690	23000	23000	28935	27315
Appanoose	32161	31073	30095	29105	27305	26518	25410	24764	23572	23572	22300	28055	29059
Audubon	30323	28823	27823	26623	25848	25208	24618	23669	22980	22311	21168	26631	27624
Benton	41000	37345	35909	33876	32573	31533	30320	28612	28612	27412	25500	32081	34555
Black Hawk	51125	49636	46389	44180	42076	40850	39854	38321	35807	35807	35807	45048	44765
Boone	38200	36400	35000	33654	32674	31722	30356	29400	29400	27300	26000	32710	34762
Bremer	36712	34964	33710	32104	31169	30262	29239	28387	27560	26500	25000	31452	33162
Buchanan	36451	35049	34120	32920	31920	30920	28970	28970	27970	27370	24370	30659	33883
Buena Vista	35614	34244	33086	31213	29727	28974	28129	27851	27040	27040	26000	32710	31751
Butler	33056	32093	30623	28355	27583	26780	26050	26050	25198	25198	23856	30012	29347
Calhoun	32321	31228	30466	29015	27633	26317	25200	24500	24000	23700	22500	28306	28839
Carroll	35118	33118	32107	30607	29430	28430	27602	26102	26102	25590	24606	30956	31155
Cass	36437	35204	34179	33184	29684	28889	28130	26568	25887	25887	24532	30863	31658
Cedar	35019	33999	32691	31620	30045	28889	27778	26969	25932	25177	24073	30285	31658
Cerro Gordo	43500	41850	40500	37500	35500	34000	31500	29749	28798	28787	26821	33743	37259
Cherokee	35000	33500	29750	29750	28740	27903	26903	26503	26007	25250	25000	31452	30577
Chickasaw	31368	30368	29543	28837	27486	26286	25273	24546	23796	23796	22885	28791	28805
Clarke	29929	28929	28929	25929	25051	24322	23613	23227	22550	21683	21052	26485	26653
Clay	39364	38217	36397	34663	33654	32674	31722	31039	30282	29400	27500	34597	35805
Clayton	33071	31799	29719	28576	27215	25919	25349	25349	24611	23894	22331	28094	28403
Clinton	40824	38659	36505	34478	33267	32173	31697	31076	29596	29596	27920	35125	35256
Crawford	32935	30935	30329	29445	29153	28304	27480	27074	26286	25520	22745	28615	31017
Dallas	43595	41919	40306	38756	37447	36356	35819	33638	33638	29897	29897	37612	39840
Davis	29454	28596	27096	26117	25307	24570	23900	23249	22793	22131	20878	26266	26925
Decatur	27368	25670	24635	23635	23171	22717	22055	21207	21207	20791	19614	24676	24894
Delaware	33134	32169	30932	29742	28326	27237	26443	26053	25294	24557	23500	29565	29847
Des Moines	40275	37679	36032	34834	32543	32048	29921	28541	27902	26770	24869	31287	35119
Dickinson	37674	36574	35509	33980	32517	30969	30067	29191	28341	27928	26588	33449	33937
Dubuque	44431	43644	41966	40744	39305	38160	36870	35452	34221	34221	30830	38786	41817
Emmet	32387	31908	30978	29374	27975	26899	25989	25479	24737	24134	22985	28917	29477
Fayette	35308	34280	33188	32250	31272	30337	29315	29315	28815	27976	26900	33842	33244
Floyd	35690	33355	32072	30864	29118	28547	27662	26598	26598	25848	24500	30823	31283
Franklin	31800	30000	28468	27518	26717	25992	25309	24668	23968	23383	22059	27752	28483
Fremont	31997	29997	29123	28275	27451	26651	25875	24880	24634	23634	22088	27788	29205
Greene	31299	30296	28296	27679	27044	25578	24657	23822	23822	22995	21900	27552	28029
Grundy	34155	31050	29700	28430	27130	26300	25400	24600	23850	23250	22050	27740	28821
Guthrie	30700	30100	28951	26319	26319	25777	24786	23436	23436	22600	21600	27174	28247
Hamilton	34540	33021	32121	30921	29821	28821	27989	27174	26620	25620	24420	30722	31583
Hancock	33900	32500	30960	30200	29157	28307	26207	26207	25207	24713	23536	29610	31020
Hardin	33422	32292	31200	30282	29200	28350	27250	26900	25800	25300	24200	30445	31067
Harrison	35360	34000	32060	31278	30220	29340	28080	26000	26000	25000	24000	30194	32152
Henry	34983	33313	32500	31540	30470	29655	28650	27553	26750	25750	23200	29187	32497
Howard	30292	29292	28292	27500	26500	24800	24110	23710	23410	22575	21500	27048	27177
Humboldt	32300	31000	29750	28550	27657	26736	25957	25183	24202	23868	22218	27952	29298
Ida	28867	28301	27294	26448	25431	24536	23180	23180	22860	22260	21000	26419	26888
Iowa	33132	32355	31261	28419	27458	26893	25859	24985	24985	23786	22553	28373	29470
Jackson	34335	32835	32510	31020	29549	28098	27197	27197	26404	25512	24030	30231	30791
Jasper	40950	39000	36040	34000	32141	31205	30474	29443	27602	27602	25440	32005	34196

Table 3. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Recorders in Iowa's Counties, Fiscal Years 1991-2001 (continued).

County	Unadjusted											Adjusted		
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991	
Jefferson	33200	31775	30900	30000	28950	28100	27150	26250	25500	24500	23200	29187	30793	
Johnson	52005	49765	48316	46909	45432	43896	42411	40780	39212	38443	36267	45626	48103	
Jones	36005	33004	31735	30515	28514	28093	27275	26226	26226	25462	24250	30508	30785	
Keokuk	28440	27086	26361	25593	24908	24300	23600	23000	23000	22100	20500	25790	26629	
Kossuth	34878	33617	32574	31811	30660	29292	29292	28439	27137	26868	25588	32191	32099	
Lee	39144	36928	35508	34473	33469	32185	30828	29756	29756	29756	25696	32327	35270	
Linn	64347	61872	58926	57210	55009	53407	51851	50098	48171	46542	44097	55477	58526	
Louisa	33200	32500	30878	30272	29107	27921	26591	26591	26134	25373	24280	30546	30597	
Lucas	30823	29923	29023	28173	27192	26400	25500	23919	23336	22675	21699	27299	28930	
Lyon	33863	32250	31000	29300	28100	28100	27000	25950	24883	24883	23255	29256	30793	
Madison	33281	31397	30189	29029	27489	26432	25411	24671	22950	22950	22950	28873	28965	
Mahaska	34370	33540	32250	31010	29820	28950	28110	27560	26760	25484	24270	30533	31725	
Marion	38756	37122	34333	34333	33175	31589	30832	29890	29601	28600	27000	33968	34616	
Marshall	38280	36808	35840	35000	35000	35000	33275	32306	31633	31633	30271	38083	38354	
Mills	33029	31159	29395	28264	27177	25883	24650	23702	23237	22781	21593	27165	28364	
Mitchell	33000	32000	31055	30155	29277	28048	26616	25927	25419	24607	23105	29068	30736	
Monona	30305	29422	28290	27493	26563	26563	25813	25159	23735	23250	21978	27650	29109	
Monroe	31723	29723	28523	26522	25750	25000	24000	22979	22202	22202	20588	25901	27396	
Montgomery	34083	31559	31016	29540	28679	27055	25524	24542	24542	23542	22421	28207	29648	
Muscatine	41440	39940	35940	34340	33116	31816	30301	29418	28675	28112	26772	33681	34865	
O'Brien	34500	33500	32400	31200	30000	28488	27720	26720	26000	25400	24400	30697	31218	
Osceola	31109	30059	29259	28259	26987	26200	23815	23140	23140	22600	22000	27677	28711	
Page	34674	33424	32450	31053	30125	29246	28450	27750	27200	26200	25000	31452	32049	
Palo Alto	39000	37000	32995	31575	30450	29000	28000	26910	26000	26000	24000	30194	31779	
Plymouth	37607	35816	34439	33139	31864	30788	29890	29133	28422	27329	26028	32745	33739	
Pocahontas	32200	31200	30000	28117	27184	26265	25500	23100	23100	23100	22600	28432	28782	
Polk	71729	68313	65060	61962	57372	55165	53043	51003	49041	47155	43863	55182	60452	
Pottawattamie	43500	41156	39196	37688	34896	31724	30387	29388	28959	28959	28334	35646	34764	
Poweshiek	35263	34236	32606	31656	30734	29985	29112	28538	27976	27563	26250	33024	32859	
Ringgold	25825	24363	23877	23294	22726	22064	21013	21013	20401	19711	18422	23176	24179	
Sac	30817	29632	28631	27663	26113	25475	25475	23979	23979	23629	22729	28595	27917	
Scott	58000	55167	53560	52000	50000	46300	44300	43000	41600	40000	38000	47806	50737	
Shelby	33592	31991	29622	28759	26886	26095	25091	24720	24000	24000	22600	28432	28596	
Sioux	40840	39590	38620	36620	35040	33950	33090	32200	31200	30200	29000	36484	37204	
Story	50400	48000	45677	43920	42230	41000	39500	36925	36100	34500	32500	40887	44929	
Tama	32228	31081	29628	28765	27927	27113	26363	25355	25355	23335	23335	29357	29712	
Taylor	27646	27104	26314	25548	24804	23850	23155	22481	22481	21616	20785	26149	26136	
Union	33280	31280	30530	30030	29155	28390	26591	25791	25791	23838	22409	28192	31111	
Van Buren	30881	29306	27806	26806	25704	24716	23865	23272	22377	22377	21058	26492	27085	
Wapello	36840	35767	34391	32444	30520	30520	29067	28272	27316	26015	23073	29027	33445	
Warren	40700	40000	38162	37050	35286	33415	33415	29056	28210	27712	26520	33364	36617	
Washington	34840	33500	32500	31000	29209	29209	27839	26768	24890	24890	23000	28935	32008	
Wayne	28436	27236	26336	26336	25575	24825	23870	23016	21770	21165	19850	24973	27204	
Webster	41355	39419	37388	35776	34400	33000	30517	29473	28329	27790	26320	33112	36163	
Winnebago	35789	34789	33289	32200	31000	29800	28500	27500	25700	25700	24500	30823	32656	
Winneshiek	34288	32928	31128	29190	26400	26400	26400	25550	24550	24150	23000	28935	28930	
Woodbury	*	*	*	*	*	*	*	*	35700	34650	33000	30500	38371	*
Worth	32786	31224	30463	28464	27642	26742	26291	25526	24781	24781	23772	29907	29305	
Wright	36285	33975	32975	30800	30300	29300	28550	27550	26050	26050	24225	30477	32108	
Averages	35902	34046	32652	31359	30109	29121	28095	27543	26831	26151	24763	31153	31912	

*Position eliminated.

Table 4. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Sheriffs in Iowa's Counties, Fiscal Years 1991-2001.

County	Unadjusted										Adjusted		
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Adair	38864	37064	35864	34114	31882	31074	30227	29693	28828	27988	26554	33407	34052
Adams	34540	33372	32244	31153	29954	29614	29239	27847	27847	26521	24443	30751	32452
Allamakee	39548	36987	33950	32750	31766	29870	29000	27810	27810	27000	27000	33968	32733
Appanoose	42823	41656	40217	38955	37692	36759	35240	34317	32300	32300	29468	37073	40282
Audubon	37305	35805	34805	33305	31644	30857	30267	29421	28565	27733	26065	32791	33814
Benton	52000	46190	44134	41636	40035	38755	37265	34825	34825	33325	31000	39000	42469
Black Hawk	68299	66309	61971	59020	55943	54314	52989	50466	46685	46685	46685	58733	59519
Boone	49156	46374	44166	42467	41230	40029	38306	37100	37100	35700	34000	42774	43865
Bremer	48693	46374	45023	42879	40451	38130	36840	35767	34725	33390	31500	39629	41784
Buchanan	46925	45120	41120	39920	38920	37920	34770	34770	31770	31170	28170	35440	41554
Buena Vista	47325	45072	43255	40807	38864	37879	35735	35380	33696	33696	32400	40761	41509
Butler	41868	40413	38126	34023	32984	32023	31150	31150	30100	30100	28000	35226	35092
Calhoun	41022	39635	38688	36827	34418	32470	31525	30325	29725	29000	28000	35226	35582
Carroll	46599	44598	43237	41737	40132	39132	37992	36193	36193	35483	34118	42923	42882
Cass	41898	40481	39302	37790	36512	35534	34601	33102	32354	32354	30660	38572	38940
Cedar	44987	44324	42619	40670	39095	36882	34150	33155	31880	30654	28923	36387	40417
Cerro Gordo	60500	57500	55000	53000	49438	47750	43800	38460	36082	36046	33104	41647	52326
Cherokee	42000	40000	36550	36500	35535	34500	33392	32992	32496	31550	31300	39377	37806
Chickasaw	39254	38254	37429	36534	34734	33477	30955	29909	29159	29159	28034	35269	36685
Clarke	41265	39265	37062	34062	32910	31342	29850	28700	28304	26956	25430	31993	34346
Clay	44773	43469	41399	39427	38280	37164	36083	35306	34445	33490	31850	40069	40726
Clayton	42021	40405	37762	35964	34251	32620	31902	31902	30973	30071	28104	35357	35746
Clinton	57306	54267	51321	47905	45606	42393	40684	39120	36390	36396	33802	42525	46456
Crawford	40199	38198	37500	36009	35608	34571	32925	32438	31494	29711	27010	33980	37884
Dallas	50752	48880	46924	43248	41988	40765	40162	38325	38325	33301	33301	41895	44672
Davis	36876	35802	33302	32098	31103	29907	29092	27549	27009	25812	23681	29792	32773
Decatur	34100	32299	28839	26839	26312	25796	25045	24082	24082	23610	22274	28022	28268
Delaware	41216	40016	38477	36997	35235	33241	31658	31190	30282	29400	28000	35226	36427
Des Moines	53394	49604	47067	44984	41391	40633	37345	35379	34498	32945	30559	38445	44527
Dickinson	46141	44903	43595	42325	41092	39135	36920	35738	35738	35259	33251	41832	42886
Dubuque	61418	59629	57336	54867	52929	51388	49650	46620	45000	45000	39057	49136	56313
Emmet	41648	39456	38305	36471	34734	32768	31660	31039	30135	29400	28000	35226	35908
Fayette	44159	41957	40621	38583	38583	37724	36124	36125	35374	34344	31800	40006	41339
Floyd	49991	48535	46035	42194	37965	37221	36067	34242	34242	33277	31542	39682	40788
Franklin	40119	38950	38000	36141	35121	34196	32324	31505	30558	29813	27604	34728	37473
Fremont	39020	36620	35553	34517	33512	30512	29623	28484	28202	26702	24955	31395	33436
Greene	39881	38762	36762	35953	35127	34225	31755	30607	30607	28875	27500	34597	37505
Grundy	42500	40750	39370	38100	36500	35400	34000	32925	31800	31200	28330	35641	38793
Guthrie	38400	37800	36003	32730	32730	31919	29971	28621	28621	27600	26100	32835	34978
Hamilton	45451	44342	43442	40642	39142	37642	36474	35412	34745	33095	31095	39120	41250
Hancock	42150	38200	39150	38200	36887	35987	32987	32987	30987	30380	28932	36398	39436
Hardin	43117	41659	40250	38325	36500	34500	33150	32000	30800	30100	29000	36484	37806
Harrison	44180	42500	39162	38207	36915	35840	34300	31200	31200	28700	27500	34597	39275
Henry	45635	43460	42400	41165	39775	38710	37400	36100	35200	34000	30000	37742	42420
Howard	39990	38490	35490	34500	32500	30500	29189	28522	28022	26892	25370	31917	33423
Humboldt	40000	38500	37325	36150	35097	34075	33083	32098	30845	30300	27630	34760	37341
Ida	35693	34654	33645	32856	31899	30672	29156	29156	28813	28080	27000	33968	33612
Iowa	41627	40651	39276	35705	34498	33331	31744	30524	30524	28414	27089	34080	36525
Jackson	43650	42000	39371	38242	36956	34911	33824	33823	32838	31728	29219	36759	38257
Jasper	63000	60000	51940	49000	45512	44186	42651	41209	39624	39624	36520	45945	48421

Table 4. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Sheriffs in Iowa's Counties, Fiscal Years 1991-2001 (continued).

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Jefferson	42050	40265	38900	37780	36530	35480	34310	33310	32260	30160	29000	36484	38880
Johnson	67209	64315	62445	59469	57596	55648	53766	51698	49708	48733	45975	57840	60981
Jones	46002	43001	41347	39758	37757	35757	34716	32445	32445	31500	28250	35540	39184
Keokuk	36915	35157	34133	33333	32679	31882	29250	28500	28500	27000	24500	30823	34938
Kossuth	43588	41711	39800	38697	37030	35358	35358	34329	32756	32432	30888	38859	38747
Lee	51502	48587	46718	44493	43197	41535	39784	38401	38401	38401	32875	41359	45516
Linn	80086	77006	73339	69188	64661	59322	57594	55647	53506	51697	48981	61621	65007
Louisa	40350	39500	38096	37349	35912	34448	32808	32808	31930	31000	29000	36484	37749
Lucas	39086	37986	37486	36636	35844	34800	33810	32826	32025	31397	26138	32883	38135
Lyon	47250	45000	40000	37200	35500	35500	34000	32000	30372	30372	28122	35379	38902
Madison	43682	41209	38876	37381	35874	34495	33162	32196	29950	29950	29950	37679	37801
Mahaska	44570	43490	41820	40410	39040	38090	37160	36080	34690	32424	30880	38849	41741
Marion	51115	48946	46952	44533	42659	41195	39611	37707	36742	34500	32500	40887	45143
Marshall	50475	49005	47578	46192	46192	46192	46192	44934	39649	39649	36986	46531	50619
Mills	41623	39267	37044	34620	33289	31704	30194	29033	28463	27905	26450	33276	34743
Mitchell	44550	43050	42209	41009	39815	38319	37023	36064	35357	34228	31319	39401	41991
Monona	41816	40131	38220	36400	35040	33182	33497	30888	29140	28550	26550	33402	36362
Monroe	37119	34618	34618	32618	31668	31200	30000	28909	27932	27932	25393	31946	34190
Montgomery	43595	39632	38950	36402	35341	32723	30299	28584	28584	27584	26023	32739	35859
Muscatine	55235	52735	46735	44235	42400	40000	38354	37238	35857	35154	33481	42121	43834
O'Brien	44800	43300	42100	39600	38077	36565	35500	34500	33300	32500	30900	38874	40069
Osceola	40569	39369	38223	37223	35625	34500	31360	30685	30865	30385	29500	37113	37806
Page	42252	41002	39808	38094	36575	35510	34550	33500	32500	31000	29000	36484	38913
Palo Alto	46781	44581	40581	37575	35700	34000	32000	29705	28700	28700	26500	33339	37259
Plymouth	51728	48800	46038	44301	41991	40571	39010	38022	36560	35154	33480	42120	44459
Pocahontas	39500	38500	36500	34994	33207	31930	31000	29100	29100	29100	27800	34974	34990
Polk	104279	99313	94584	90080	83407	80199	77114	73442	68002	65387	58041	73019	87885
Pottawattamie	64500	60574	55068	52445	48560	44963	42179	40951	39807	39807	39182	49293	49272
Poweshiek	45405	43870	41387	39605	37917	36111	34457	33340	32259	30870	29400	36987	39572
Ringgold	32819	30388	29781	28704	27667	26101	24858	24858	24134	23317	21792	27416	28603
Sac	39790	38260	37260	36000	32745	30995	30995	27995	27995	26995	25795	32452	33966
Scott	73700	70125	68083	66100	63500	56000	53500	51500	49400	47500	45000	56613	61367
Shelby	42375	39602	37361	36273	33900	32913	31256	30642	29750	29750	27500	34597	36067
Sioux	54092	51080	47880	46830	44390	43010	41920	40800	39800	38600	36550	45982	47132
Story	84000	80000	72415	69630	66950	65000	59000	54875	53600	52000	48000	60387	71230
Tama	40939	39289	38519	37397	33932	32943	32193	31114	31114	28914	28914	36376	36100
Taylor	33970	32821	31863	30935	30034	28878	28038	27221	27221	26174	25167	31662	31646
Union	39028	36276	35526	34776	33763	33430	31484	30684	30684	28542	25656	32277	36634
Van Buren	40740	38640	37140	36140	34101	32539	31156	29886	28737	28737	26366	33170	35658
Wapello	46837	45036	43304	40509	38108	38108	35615	34410	33246	31663	27178	34192	41760
Warren	53000	50788	50038	47655	45386	41600	41600	37839	36742	36928	33800	42523	45587
Washington	58917	56650	55000	53000	50894	50894	49857	47788	45150	45150	42000	52839	55772
Wayne	33964	32564	31664	31664	30750	29950	28800	27630	25260	24205	22700	28558	32820
Webster	54482	52854	49669	47337	45385	42900	39828	38143	36389	35711	34056	42845	47012
Winnebago	42609	41609	40109	39400	38200	37000	34700	32700	30700	30700	29500	37113	40546
Winneshiek	46143	44273	42473	39373	34873	34873	32245	31245	30245	29645	28233	35519	38215
Woodbury	65265	65265	62157	58473	56770	54325	53000	53000	49000	45500	41000	51581	59531
Worth	38970	36421	35533	33208	31329	30529	29879	28456	27627	27627	26500	33339	33455
Wright	42300	41250	40250	37750	37250	36250	35500	34500	33000	33000	30750	38685	39724
Averages	46716	44714	42687	40801	39060	37572	36038	34725	33646	32712	30651	38561	41173

Table 5. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Supervisors in Iowa's Counties, Fiscal Years 1991-2001.

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Adair	18221	17816	17540	17540	17540	17096	16859	16643	16158	15687	14884	18725	18734
Adams	13105	12662	12234	11936	11701	11361	11111	10582	10582	10582	10078	12679	12450
Allamakee	18425	18000	18000	18000	17500	17500	17500	17500	17500	17500	17500	22016	19177
Appanoose	18791	18423	18092	17618	17271	16916	16374	16196	15625	15625	14935	18789	18537
Audubon	19704	18704	17904	17304	16800	16378	15788	15388	14940	14940	14175	17833	17948
Benton	28000	24569	23536	22204	21350	20668	19873	18775	18775	18275	17000	21387	22649
Black Hawk	27558	26755	25006	23815	23815	23815	23815	22899	22899	22899	22899	28808	26097
Boone	24796	23615	22707	21834	21198	20581	19695	19075	19075	18375	17500	22016	22553
Bremer	23333	22222	21575	20946	20336	19744	19076	18521	17981	17290	16225	20412	21636
Buchanan	24544	23600	23025	21825	20825	19825	19150	19150	18550	18300	16800	21135	21725
Buena Vista	19475	19093	18829	18105	17409	16968	16474	16310	15683	15683	15080	18972	18594
Butler	19717	19274	18604	17485	17312	16808	16350	16350	15844	15844	15000	18871	18419
Calhoun	21281	20561	20060	19105	18195	17665	17150	16800	16800	16500	15400	19374	19358
Carroll	19960	19960	19350	18750	18029	17695	17180	16362	16362	16362	15733	19793	19391
Cass	19546	18885	18335	17801	17199	16739	16299	15994	15738	15738	14915	18764	18343
Cedar	21033	20722	19925	19475	18687	17968	17277	16774	16129	15509	14791	18608	19690
Cerro Gordo	32250	31500	30500	28500	27350	26000	25000	23625	22249	22232	20289	25525	28492
Cherokee	18000	17500	16000	16000	15244	14800	14300	14300	14300	14300	14300	17990	16218
Chickasaw	18720	18320	17870	17443	16542	15823	15145	14790	14290	14290	13690	17223	17339
Clarke	18430	17930	17480	16480	16000	15524	15219	15219	14892	14600	14600	18368	17012
Clay	18892	18342	17469	16637	16152	16652	15682	15306	15225	15225	14500	18242	18248
Clayton	20170	19583	18830	18282	17923	17486	17270	17270	16767	16279	15504	19505	19162
Clinton	26930	25502	24228	23676	23467	22939	22533	22145	21191	21192	20376	25634	25137
Crawford	18000	16695	16571	16088	15928	15464	15014	15014	14577	14153	13351	16796	16946
Dallas	34876	33535	29577	28440	27611	26807	26807	26114	26114	23423	23423	29468	29376
Davis	18600	18058	17308	16682	16165	15848	15416	14996	14702	14312	14100	17739	17367
Decatur	17413	16531	16531	15781	15471	15168	14726	14160	14160	13882	13096	16476	16622
Delaware	21467	20842	20041	19571	19001	18448	17910	17646	17300	16961	16309	20518	20216
Des Moines	27481	25688	25039	24385	22871	22531	21645	20769	20448	19844	18583	23379	24690
Dickinson	21531	21226	20608	20008	19425	18859	18309	17906	17384	17130	16546	20816	20666
Dubuque	31449	30535	29644	28781	28216	27394	26468	25450	25000	25000	23583	29669	30019
Emmet	18641	17873	17352	16806	15855	15245	14729	14440	14019	13677	13026	16388	16706
Fayette	24176	23472	22725	22200	21568	20970	20170	20170	21170	19583	18830	23689	22980
Floyd	23058	20588	19796	19219	18659	18293	17726	17044	17044	16564	15700	19752	20046
Franklin	22063	21525	21000	17546	17045	16595	16160	15750	15527	15148	14290	17978	18185
Fremont	20674	19794	19217	18657	18114	17586	17074	16417	16254	15254	14256	17935	19271
Greene	15074	14948	14448	14448	14448	14395	14039	13597	13597	13125	12500	15726	15775
Grundy	16000	15300	15000	13800	13400	13000	12100	11675	11300	11000	10350	13021	14246
Guthrie	18000	18000	17448	15862	15862	15446	14852	14177	14177	13671	13200	16606	16926
Hamilton	26020	25500	25000	24500	23052	22302	21780	21146	20764	20014	19014	23921	24439
Hancock	21850	21000	20350	19850	19158	18658	17458	17458	16958	16626	15834	19920	20446
Hardin	25710	24840	24000	23100	23000	21500	20663	20325	18800	18300	16800	21135	23561
Harrison	20400	20000	19486	18827	18190	17660	16900	16900	16900	16900	16400	20632	19353
Henry	21908	20863	20355	19760	19090	18580	17950	17375	17000	16500	14800	18619	20361
Howard	18462	17462	16762	16300	15700	14800	14287	13987	13812	13319	12685	15959	16218
Humboldt	18800	18100	17553	17000	16063	15595	15141	14670	14140	13932	12913	16245	17090
Ida	17346	17118	16782	16389	15912	15374	14236	14236	13973	13520	13000	16355	16847
Iowa	19642	19409	18753	18753	18430	18051	17611	17351	17351	16928	16281	20483	19781
Jackson	20953	20153	19953	18906	18015	17529	17059	17058	16562	16002	16002	20132	19209
Jasper	31500	30000	25823	23800	21836	21200	20583	19887	19122	19122	18040	22695	23232

Table 5. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Supervisors in Iowa's Counties, Fiscal Years 1991-2001 (continued).

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Jefferson	23300	22240	21750	21000	20900	20300	19600	19000	18450	17950	17250	21702	22246
Johnson	34356	32876	31919	30989	31013	28999	28184	27740	26673	26152	24672	31039	31778
Jones	20430	18930	17680	17000	15751	14751	14322	13905	13905	13500	13000	16355	16165
Keokuk	17518	16684	16519	16291	16050	15813	15060	15060	15060	14400	13000	16355	17329
Kossuth	21861	21070	20416	19938	19217	18229	18229	17698	16887	16720	15924	20033	19976
Lee	20054	19661	19661	19089	18532	17820	17576	17298	17298	17298	15725	19783	19528
Linn	64347	61872	58926	53603	50049	48592	44628	40943	38808	37496	35526	44694	53249
Louisa	19000	18600	18032	17679	16998	16998	16998	16998	16747	16500	16000	20129	18627
Lucas	18724	18224	17924	17374	16995	16500	15923	15460	15083	14787	14449	18178	18081
Lyon	19110	18200	17500	16000	15000	15000	14300	13760	12784	12784	12060	15172	16438
Madison	21948	20706	19909	19144	18622	17906	17439	16931	15750	15750	15750	19815	19622
Mahaska	22850	22540	21990	21450	20830	20320	19880	19490	19110	18460	17580	22117	22267
Marion	25364	24617	23583	22666	21955	21421	20952	20755	20224	19540	18500	23274	23474
Marshall	30000	30000	30000	33000	33000	33000	26577	25853	23503	23503	22427	28215	36163
Mills	18414	17372	16388	16225	15601	15001	14286	13736	13467	13203	13203	16610	16439
Mitchell	22100	20850	20444	19844	19266	18291	17672	17215	16878	16339	15342	19301	20044
Monona	19359	18795	18159	17647	17150	17150	16500	16083	15615	15350	14625	18399	18794
Monroe	21557	20557	19357	17357	17356	17100	16660	16049	15506	15506	14629	18404	18739
Montgomery	20213	18718	18623	17736	17219	16245	15325	14735	14735	13735	13207	16615	17802
Muscatine	20500	20250	19250	18854	18381	17861	17861	17511	17068	16733	15936	20049	19573
O'Brien	17970	17720	17140	16640	16000	15528	15120	14120	13400	13200	12200	15348	17016
Osceola	14690	13990	13290	12290	10373	10000	9450	9450	9450	9270	9000	11323	10958
Page	22390	22140	22140	21187	20554	19954	19772	19650	19300	18300	17500	22016	21866
Palo Alto	19204	18203	17673	16913	16537	15750	15000	14490	14000	14000	13000	16355	17259
Plymouth	21875	20833	20033	19277	18536	17909	17471	17029	16614	16129	15361	19325	19625
Pocahontas	17183	16650	16000	15551	15351	14832	14400	14000	14000	14000	13300	16732	16253
Polk	71729	68313	65060	61962	57372	55165	53043	51003	48315	46457	42073	52931	60452
Pottawattamie	26000	23863	22726	21852	20233	19455	18635	17580	17493	17493	16868	21221	21320
Poweshiek	24540	23825	22690	22029	21387	20764	20159	19762	19373	19373	18450	23211	22754
Ringgold	18022	18022	17662	17232	16811	16322	15544	15544	15091	14581	13627	17144	17886
Sac	20294	19513	19013	18370	17750	17750	17750	16750	16750	16500	16286	20489	19451
Scott	30000	28786	27948	27400	26700	24500	24000	23500	23000	22000	20500	25790	26848
Shelby	20671	19687	18573	18032	16852	16852	16204	15965	16000	15500	15000	18871	18467
Sioux	23320	22620	22070	21580	20650	20010	19500	18500	18500	18500	17500	22016	21928
Story	50400	48000	45677	43920	42230	41000	37000	34400	32600	31000	29000	36484	44929
Tama	19880	19301	18923	18372	18372	17836	17086	16666	16666	15166	15166	19080	19545
Taylor	18180	18180	17651	17137	16638	15997	15918	15760	15760	15154	14571	18331	17530
Union	18905	18005	15755	15505	15505	15505	14082	13282	13282	11810	10986	13821	16991
Van Buren	19084	18384	17384	16784	16100	15972	15887	15492	14968	14968	14343	18044	17503
Wapello	26203	25440	25023	24294	23472	23472	22569	22235	21483	20460	20460	25740	25722
Warren	24620	24200	23506	22387	21321	20600	20600	19198	18640	18175	17500	22016	22574
Washington	23245	22350	21700	21000	19617	19617	19217	18479	16900	16900	15500	19500	21497
Wayne	17868	12968	16293	16293	15825	15250	14800	14357	13832	13545	12700	15977	16712
Webster	26962	26080	24620	24040	23115	22100	20881	20348	19932	19567	18736	23571	24218
Winnebago	22500	22000	21153	20780	20050	19300	18500	18000	16800	16800	16800	21135	21150
Winneshiek	23104	21744	19944	19479	19029	19029	18279	17779	17529	17129	16313	20523	20853
Woodbury	25731	25731	24048	22902	23082	21587	21060	21060	20250	20250	19249	24216	23656
Worth	20289	19766	19284	18192	17682	17683	17033	16537	16055	16054	15400	19374	19378
Wright	22500	21950	20950	19950	19450	18450	18200	17500	17000	17000	15850	19940	20218
Averages	22933	22057	21275	20510	19721	19250	18556	18044	17598	17193	16375	20601	21095

Table 6. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Treasurers in Iowa's Counties, Fiscal Years 1991-2001.

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Adair	29892	28992	28092	26892	25611	24962	24282	23970	23272	22594	21437	26969	27354
Adams	28359	27400	26474	25578	24219	23879	23879	22742	22742	21973	20927	26328	26168
Allamakee	30722	29150	27500	26500	25675	24926	24200	23690	23690	23000	23000	28935	27315
Appanoose	32161	31073	30095	29105	27305	26518	25410	24764	23572	23572	22300	28055	29059
Audubon	30520	29019	28020	26970	26184	25528	24938	24306	23599	22912	21738	27348	27975
Benton	41000	37345	35909	33876	32573	31533	30320	28612	28612	27412	25500	32081	34555
Black Hawk	51125	49636	46389	44180	42076	40850	39854	38321	35807	35807	35807	45048	44765
Boone	38200	36400	35000	33654	32674	31722	30356	29400	29400	27300	26000	32710	34762
Bremer	36712	34964	33710	32105	31169	30262	29239	28387	27560	26500	25000	31452	33162
Buchanan	36451	35049	34195	32995	31995	30995	29270	29270	28370	27870	24870	31288	33966
Buena Vista	35614	34244	33086	31213	29727	28974	28129	27851	27040	27040	26000	32710	31751
Butler	33056	32093	30623	28355	27583	26780	26050	26050	25198	25198	23856	30012	29347
Calhoun	32321	31228	30466	29015	27633	26317	25550	24800	24300	23700	22500	28306	28839
Carroll	37312	35312	34234	32734	31475	30475	29582	28082	28082	27531	26473	33305	33396
Cass	36462	35229	34203	33207	29707	28912	28152	26658	26065	26065	24700	31074	31683
Cedar	34992	33973	32666	31575	30000	28846	27737	26929	25893	25139	24000	30194	31611
Cerro Gordo	44500	42500	41000	39000	37313	36000	33500	30295	29340	29324	27333	34387	39450
Cherokee	35000	33500	29750	29750	28740	27903	26903	26503	26007	25250	25000	31452	30577
Chickasaw	31368	30368	29543	28837	27486	26286	25273	24546	23796	23796	22885	28791	28805
Clarke	32496	31493	29971	26971	26059	24818	23863	23227	22550	21683	21052	26485	27197
Clay	39364	38217	36397	34663	33654	32674	31722	31039	30282	29400	27500	34597	35805
Clayton	33071	31799	29719	28576	27215	25919	25349	25349	24611	23894	22331	28094	28403
Clinton	42126	39892	38222	36646	35321	33748	32957	31920	29971	29972	28275	35572	36982
Crawford	32935	30935	30329	29445	29153	28304	27480	27074	26286	25520	23200	29187	31017
Dallas	43595	41919	40306	38756	37627	36531	35991	33983	33983	30482	30482	38348	40032
Davis	29454	28596	27096	26117	25307	24570	23900	23249	22793	22131	20878	26266	26925
Decatur	27368	25670	24635	23635	23171	22717	22055	21207	21207	20791	19614	24676	24894
Delaware	33134	32169	30932	29742	28326	27237	26443	26053	25294	24557	23500	29565	29847
Des Moines	40883	38395	36879	35725	33488	33012	30825	29438	28816	27701	25747	32391	36176
Dickinson	37674	36574	35509	33980	32517	30969	30067	29191	28341	27928	26588	33449	33937
Dubuque	45944	44867	43350	42087	40601	39418	38085	36621	35763	35763	30830	38786	43196
Emmet	33250	32758	31804	30803	29336	28206	27252	26718	25940	25308	24103	30323	30909
Fayette	35308	34280	33188	32250	31279	30392	29592	29592	29092	28245	26900	33842	33305
Floyd	35690	33355	32072	30864	29465	28887	27662	26598	26598	25848	24500	30823	31656
Franklin	31800	30000	29025	28025	27225	26500	25309	24668	23968	23383	22059	27752	29040
Fremont	31997	29997	29123	28275	27451	26651	25875	24880	24634	23634	22088	27788	29205
Greene	31664	31028	29028	28359	27708	26417	25332	24475	24475	23625	22500	28306	28949
Grundy	34155	31050	29700	28430	27430	26600	25700	24850	24100	23500	21754	27368	29149
Guthrie	31500	30600	29452	26775	26775	26101	25097	23747	23747	22900	21600	27174	28603
Hamilton	34830	33314	32414	31214	30114	29114	28125	27306	26666	25666	24466	30780	31904
Hancock	35000	33200	31780	31000	29905	29055	27255	27255	26255	25741	24515	30841	31840
Hardin	33422	32292	31200	30282	29200	28350	27250	26900	25900	25400	24300	30571	31067
Harrison	35360	34000	32060	31278	30220	29340	28080	26000	26000	25000	24000	30194	32152
Henry	34983	33313	32500	31540	30470	29655	28650	27553	26750	25750	23200	29187	32497
Howard	30292	29292	28292	27500	26500	25000	24277	23710	23410	22575	21500	27048	27396
Humboldt	32300	31000	30000	29050	28196	27375	26578	25786	24761	24396	22633	28474	29999
Ida	29068	28498	27780	27023	26109	25214	24210	24210	23920	23540	22000	27677	27631
Iowa	33132	32355	31261	28419	27458	26893	25859	24985	24985	23883	22646	28490	29470
Jackson	37000	35500	32672	31344	30361	29722	28444	28444	27615	26682	25365	31911	32571
Jasper	42000	40000	36863	35108	32811	31855	31108	30056	28177	28177	25970	32672	34908

Table 6. Salaries (unadjusted and adjusted for inflation to 2000 dollars) for County Treasurers in Iowa's Counties, Fiscal Years 1991-2001 (continued).

County	Unadjusted											Adjusted	
	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1996	1991
Jefferson	33200	31775	30900	30000	28950	27900	26950	26250	25500	24500	23200	29187	30574
Johnson	52005	49765	48316	46909	45432	43896	42411	40780	39212	38443	36267	45626	48103
Jones	38206	35206	33852	32550	29669	28363	27537	26226	26226	25462	24250	30508	31081
Keokuk	28440	27086	26361	25593	24908	24300	23600	23000	23000	22100	20500	25790	26629
Kossuth	34878	33617	32574	31811	30660	29292	29292	28439	27137	26868	25588	32191	32099
Lee	39835	37580	36135	35083	34061	32752	31370	30280	30280	30280	27247	34278	35891
Linn	64347	61872	58926	57210	55009	53407	51851	50098	48171	46542	44097	55477	58526
Louisa	33200	32500	31514	30896	29707	28496	27139	27139	26672	25895	24780	31175	31227
Lucas	30823	29923	29023	28173	27192	26400	25500	24194	23604	23121	21986	27660	28930
Lyon	33863	32250	31000	29300	28100	28100	27000	25950	24883	24883	23255	29256	30793
Madison	33281	31397	30189	29029	27489	26432	25411	24671	22950	22950	22950	28873	28965
Mahaska	34830	33990	32676	31420	30210	29330	28480	27920	27110	25820	24590	30936	32141
Marion	40129	37869	36820	35354	33993	32393	31517	30378	29601	28600	27000	33968	35498
Marshall	38280	36808	35840	35000	35000	35000	34396	33459	32762	32762	31351	39442	38354
Mills	33777	31865	29395	28264	27177	25883	24650	23702	23237	22781	21593	27165	28364
Mitchell	33000	32000	31055	30155	29277	28048	26616	25927	25419	24607	23105	29068	30736
Monona	30668	29775	28630	28630	27823	27118	26368	25700	24245	23760	21978	27650	29717
Monroe	31723	29723	28523	26523	25750	25000	24000	22979	22202	22202	20946	26351	27396
Montgomery	34083	31559	31016	29540	28679	27055	25524	24542	24542	23542	22421	28207	29648
Muscatine	42197	40697	36697	35197	33821	32521	31513	30595	29822	29237	27846	35032	35638
O'Brien	34500	33500	32400	31200	30000	28488	27720	26720	26000	25400	24400	30697	31218
Osceola	31333	30283	29259	28259	26987	26200	23815	23140	23140	22660	22000	27677	28711
Page	34674	33424	32450	31053	30125	29246	28450	27750	27200	26200	25000	31452	32049
Palo Alto	39000	37000	32995	31575	30450	29000	28000	26910	26000	26000	24000	30194	31779
Plymouth	37607	35816	34439	33139	31864	30788	29890	29133	28422	27329	26028	32745	33739
Pocahontas	32200	31200	30000	28117	27184	26265	25500	24500	24500	24500	23600	29690	28782
Polk	71729	68313	65050	61962	57372	55165	53043	51003	49041	47155	43863	55182	60452
Pottawattamie	45000	42167	40159	38614	35754	32503	31133	30227	29671	29671	29045	36540	35618
Poweshiek	35953	34906	33244	32120	31184	29985	29112	28538	27976	27563	26250	33024	32859
Ringgold	25825	24363	23877	23294	22726	22064	21013	21013	20401	19711	18422	23176	24179
Sac	30817	29632	28631	27663	26113	25475	25475	24035	24035	23685	22785	28665	27917
Scott	58000	55167	53560	52000	50000	46300	44300	43000	41600	40000	38000	47806	50737
Shelby	33592	31991	29622	28759	26886	26095	25091	24720	24000	24000	22600	28432	28596
Sioux	42435	41100	40100	39220	37530	36370	35450	34500	33500	32500	31000	39000	39856
Story	50400	48000	45677	43920	42230	41000	39500	36925	36100	34500	32500	40887	44929
Tama	32270	31185	29940	29068	28221	27399	26649	25896	25896	23896	23896	30063	30025
Taylor	27646	27104	26314	25548	24804	23850	23155	22481	22481	21616	20785	26149	26136
Union	33280	31280	30530	30030	29155	28390	26591	25791	25791	23838	22409	28192	31111
Van Buren	30888	29313	27813	26813	25755	24765	24061	23463	22561	22561	21166	26628	27138
Wapello	36917	35842	34463	32512	30585	30585	29094	28327	27369	26066	23118	29084	33516
Warren	40700	40000	38630	37505	35719	33825	33825	29413	28557	28053	26845	33773	37067
Washington	37000	35000	33500	32500	29866	29866	29209	28086	26160	26160	24200	30445	32728
Wayne	28436	27236	26336	26336	25575	24825	23870	23016	21770	21165	19850	24973	27204
Webster	41376	39503	37557	36114	34725	33500	31459	30662	29585	28985	27838	35022	36711
Winnebago	35789	34789	33289	32700	31500	30300	29000	27500	25700	25700	24500	30823	33204
Winneshiek	34981	33621	31821	30426	27906	27906	27156	26256	25256	24856	23672	29781	30581
Woodbury	52403	52403	49908	46950	44800	40000	36799	36800	35700	34000	31650	39818	43834
Worth	32785	31224	30463	28464	27642	26742	26291	25526	24781	24781	23772	29907	29305
Wright	36285	33975	32975	31475	30975	29975	29225	28225	26725	26725	25225	31735	32848
Averages	36375	34853	33424	32156	30870	29813	28768	27849	27129	26451	25038	31500	32670

County Recorders

Woodbury is the only county without the position of recorder; it was eliminated by referendum in the mid-1990s. In 2001, salaries for county recorders averaged \$35,900 across the remaining 98 counties (Table 3). This was lower than the averages for other elected positions considered to be full-time. Eighteen counties reported salaries for recorders of \$40,000 or more, with only Linn and Polk providing salaries greater than \$60,000. Recorders in 10 counties earned less than \$30,000.

The average county recorder earned \$11,100 more in 2001 than in 1991. Changes were less than \$10,000 in 40 counties, although they were \$15,000 or greater in 13 others. Polk's increase of \$27,900 was substantially greater than those in Linn (\$20,250) and Scott (\$20,000); these were the only three with increases of at least \$20,000. When adjusted for inflation, all counties had at least modest increases in salaries of recorders. In only Polk and Scott were adjusted salaries at least \$10,000 higher in 2001 than in 1991.

County Sheriffs

Sheriffs earned from \$32,800 (Ringgold) to more than \$70,000 in Linn, Polk, Scott, and Story (Table 4). Polk's \$104,300 was \$20,000 higher than the figure for Story, which was in second place. The average across the state was \$46,700 in 2001. Sheriffs had the highest average among the elected positions thought to require full-time activity in all counties. More than half (55) ranged from \$35,000 to \$44,999.

The average salary for sheriffs grew by \$16,100 between 1991 and 2001. In 17 counties, increases were greater than \$20,000; Polk's gain exceeded \$40,000; Linn and Story were the only others in which the change was greater than \$30,000. Ida and Taylor were the only counties in which salaries for the position of sheriff increased by less than \$10,000. When adjustments were made for inflation, no county reported lower salaries for sheriffs in 2001 than in 1991. Twenty-five counties had inflation-adjusted increases of at least \$10,000.

County Supervisors

Salaries for county supervisors varied from less than \$15,000 in Adams and Osceola to more than \$60,000 in Linn and Polk (Table 5). This range reflects at least in part the portion of time that duties related to these positions are thought to require across Iowa's 99 counties. The average salary was \$22,900 in 2001, which is much closer to the lower than the higher end of the range. Only in Polk (\$71,729), Linn (\$64,347), and Story (\$50,400) were salaries for supervisors greater than \$35,000. In more than two-thirds (68) of Iowa's 99 counties, salaries for supervisors ranged from \$18,000 to \$24,999 in 2001.

Increases in salaries for supervisors averaged \$6,600 from 1991 to 2001. That was the smallest average increase among any group of county elected officials. Gains of at least \$10,000 occurred in Benton, Cerro Gordo, Dallas, Jasper, Linn, Polk, and Story, with Polk's increase of nearly \$29,700 the highest of these counties. Salaries in 2001 were less than \$5,000 higher than those in 1991 for supervisors in 37 counties, although only the change in Allamakee was less than \$1,000.

When inflation is taken into account, supervisor salaries increased on average by about \$2,300 between 1991 and 2001. Linn, Polk, and Story were substantially above gains in other counties; each paid supervisors at least \$10,000 more at the end of the period than at the beginning even after inflation was added into the calculations. In 28 counties, increases in supervisor salaries were less than \$1,000; in another nine, salaries for supervisors were lower in 2001 than 1991 when the effects of inflation were factored into the equation.

County Treasurers

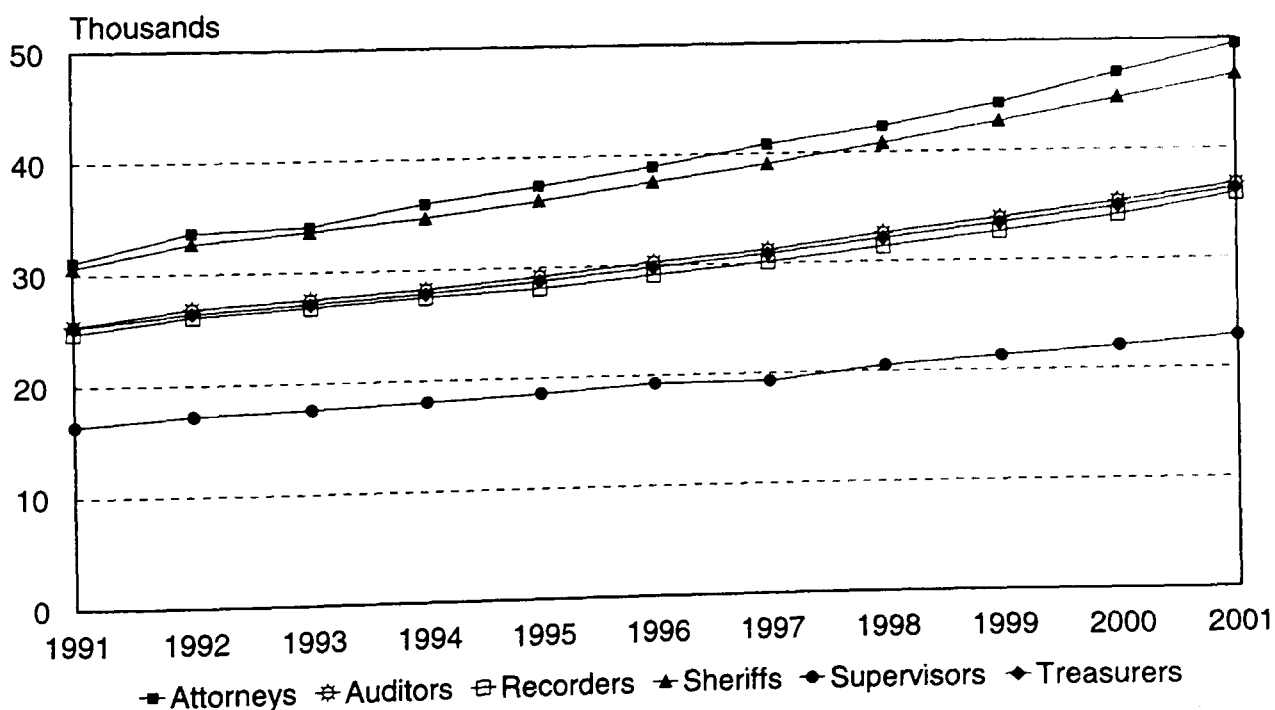
The final category of elected county officials includes treasurers. They averaged \$36,400 in 2001, a figure much the same as those for auditors (\$36,800) and recorders (\$35,900) (Table 6). Ringgold had the lowest figure (less than \$26,000) while Black Hawk, Johnson, Linn, Polk, Scott, Story, and Woodbury had the highest (more than \$50,000). Sixty-nine of the treasurers were in the \$30,000-\$39,999 range.

Increases in treasurer salaries from 1991 to 2001 ranged from less than \$10,000 in 41 counties to \$20,000 or more in four others. The average gain was about \$11,300 across the state. When these figures were controlled for inflation, the average increase was nearly \$4,900. Only the increases in Cerro Gordo, Polk, Scott, and Woodbury were greater than \$10,000 after considering inflation; Marshall had a higher treasurer salary in 1991 than in 2001 when inflation-adjusted figures were compared.

Concluding Comment

In general, salaries for elected officials are higher in counties with greater populations and lower in those with relatively few residents. The correlation is not perfect, of course, but trends are evident.

Figure 1. Average Salaries of Elected County Officials, 1991–2001.



Lottery Sales in Iowa's Counties: 1993-2001

Willis Goudy, Iowa State University
Jessica Rohrig, Iowa State University

When county figures were summed for fiscal year 2001 (July 2000 through June 2001), lottery sales in Iowa totaled \$175 million (Table 1). Included in the total are instant ticket, lotto, multistate, pulltabs, cash game, dream draw, daily millions, cash-4-life, and pick 3 sales. According to figures in annual reports, sales dropped by \$36 million from 1993 to 2001.

Sales varied considerably across Iowa's counties, although caution is urged in interpreting these figures because lottery purchases are made not only by residents living in a particular county. Less than a half million dollars in sales were noted in 20 counties in 2001; in Adams, Davis, Decatur, Guthrie, Lyon, Osceola, Ringgold, and Taylor, sales of less than \$250,000 occurred. In 47 of Iowa's 99 counties, however, lottery sales exceeded \$1 million. Black Hawk, Dubuque, Linn, Polk, Pottawattamie, Scott, and Woodbury had at least \$5 million in sales of lottery products in 2001.

More than three-quarters (79) of the counties followed the state's pattern of lower sales in 2001 than in 1993. Many of these drops were modest, however; for example, 20 counties declined in sales by less than \$100,000 when 1993 and 2001 were compared. Twelve counties dropped by at least a half million, with Pottawattamie's decline of \$12.6 million substantially greater than that occurring in any other county. Among the 20 counties with higher lottery sales in 2001 than in 1993, increases exceeded \$500,000 only in Scott. Seven others had 2001 sales at least \$100,000 greater than those in 1993.

When lottery sales are divided by the estimated population, sales figures per person living in the county result. Per capita sales in the state declined from \$75 in 1993 to \$60 in 1997. Increases of \$1 occurred between 1997 and 1998 and \$3 between 1998 and 1999; per capita sales dropped back to \$60 by 2001. Seventeen counties had lottery sales of at least \$75 for every resident in 2001; sales in Fremont, Monroe, and Wapello were at least \$100 per person that year. Some counties with high per capita purchases were urban while others were rural. Although most of the 37 counties with sales of less than \$50 per person were rural in nature, a few contained relatively large populations.

When 1993 and 2001 were compared, 52 counties decreased by at least \$10 per person in lottery sales. Twenty-two dropped by at least \$20 per resident; Pottawattamie's decline of \$155 was much greater than any other. Eighteen counties had higher per capita sales in 2001 than in 1993, with only Hancock increasing by at least \$20 per person.

Comparing population, total lottery sales, and per capita lottery sales yields additional differences across counties. For example, only nine counties have fewer residents than Fremont, yet this county had higher per capita lottery sales than all other counties. It is likely that Fremont's location, bordered by Missouri and Nebraska, inflated sales. Sioux, on the other hand, was lowest on per capita lottery sales but was 22nd highest on population. Understanding geographic location plus the situation in a specific county will assist in interpreting these numbers for any one year and changes across the years.

Note: For additional information on lottery sales, see annual reports published by the Iowa Lottery from 1986 through 2001. Data are for fiscal years. Before 1993, no county totals were reported. Rather, information on a county's share of the state's total sales from instant tickets was provided. No totals from other sources were noted; nor were data on instant tickets alone listed in the 1993-2001 reports. Thus, numbers consistently using the same base are not included in the annual reports for the entire period during which the lottery has been in place. In addition, the figures reported in this section do not include receipts from other forms of gambling that occur in some counties.

Table 1. Lottery Sales in Iowa's Counties, Fiscal Years 1993-2001.

County	Sales (\$)									Per Capita Sales (\$)								
	2001	2000	1999	1998	1997	1996	1995	1994	1993	2001	2000	1999	1998	1997	1996	1995	1994	1993
Adair	516191	553083	435791	355836	383848	458836	443671	529108	584414	63	67	54	44	47	56	54	64	70
Adams	165805	193912	217087	199910	187803	192765	222003	209180	231837	37	43	49	46	43	43	49	46	51
Allamakee	1225201	1402103	1419802	1305070	1263846	1276674	1297902	1430113	1646153	83	96	101	93	90	91	92	102	117
Appanoose	986378	1094010	1190138	1147611	1164960	1201498	1191318	1085579	1087248	72	80	89	85	86	88	88	80	79
Audubon	300760	283827	300127	345601	369377	312722	362119	382895	383872	44	42	44	51	54	46	53	55	55
Benton	1135230	1108435	1066765	956023	890335	961234	967101	947201	1045511	45	44	41	38	36	39	40	40	45
Black Hawk	11526192	11531097	11895933	11165358	10583045	11037354	10857063	10729014	11998134	90	90	99	92	87	90	89	87	97
Boone	1325526	1271996	1273778	1268726	1351186	1477474	1666721	1734372	1716073	51	49	48	49	52	57	65	69	68
Bremer	1359124	1284259	1303988	1289038	1321236	1506192	1495285	1535294	1696955	58	55	56	55	57	65	64	66	73
Buchanan	1621138	1559728	1673877	1649324	1506757	1467242	1599578	1484086	1514017	77	74	79	78	71	69	75	70	72
Buena Vista	1084705	1066177	1220598	1124620	1134046	1290844	1235247	1196386	1351144	53	52	63	58	58	65	62	60	67
Butler	817724	853637	910072	844759	841990	965646	993118	1045241	1169095	53	56	59	54	54	61	63	67	75
Calhoun	380279	410538	375481	379699	472597	568794	616299	611786	625003	34	37	33	33	41	50	53	52	54
Carroll	1259751	1301731	1353201	1240560	1160469	1254622	1193472	1123313	1145593	59	61	63	57	54	58	55	52	53
Cass	834288	880859	908732	907932	1021435	1174535	1188499	1005537	947455	57	60	63	62	69	79	80	67	63
Cedar	697243	663400	721450	696132	718046	817238	828366	936530	991758	38	36	40	39	40	46	47	54	57
Cerro Gordo	4363056	4811060	4832028	4673383	4611208	4880286	4941607	4875490	4898106	94	104	106	101	100	105	106	105	105
Cherokee	756037	810232	894349	803395	826979	944087	1066035	904497	831326	58	62	68	61	62	70	78	65	60
Chickasaw	755059	802608	849136	759374	705427	769977	794924	885618	886305	58	61	63	57	53	57	59	66	67
Clarke	470560	562333	579066	473695	508963	552469	492978	496584	569835	52	62	70	57	62	67	60	61	68
Clay	1473366	1439176	1394930	1334239	1204238	1384487	1299999	1222046	1292791	85	83	81	76	68	79	74	69	73
Clayton	1408464	1407134	1504696	1444587	1374965	1556058	1628775	1792161	1942265	75	75	81	77	73	83	87	95	103
Clinton	3689784	3533799	3956760	3399432	3338738	3905862	3929675	3275360	3241088	74	70	80	68	67	78	77	64	63
Crawford	1148153	1158811	1127159	1037601	1193372	1282747	1311032	1343462	1145254	68	68	69	63	72	78	80	82	69
Dallas	1514741	1620273	1474781	1458329	1597083	1857000	2035530	2126089	2080861	37	40	39	40	45	54	61	65	65
Davis	225765	243678	241939	215285	227749	331538	355622	376863	401182	26	29	28	25	27	39	42	45	48
Decatur	237481	211354	216999	188709	183767	185278	207378	221532	252249	27	24	26	23	23	23	25	27	31
Delaware	1075615	1076173	1067379	996967	938386	1145333	1107901	1145136	1170375	58	58	58	54	51	62	60	62	64
Des Moines	2263358	2566967	2797744	2421945	2416358	2894916	2912734	2888642	2517636	53	61	67	58	57	68	68	67	59
Dickinson	1278326	1346992	1454868	1374542	1384821	1605080	1469914	1417459	1475120	78	82	89	85	86	102	94	92	96
Dubuque	5646185	5643471	6013728	5464218	5219926	5947498	6278458	6132153	6186708	63	63	68	62	59	67	71	70	70
Emmet	811100	828638	880020	799246	756132	829007	822589	983765	975648	74	75	83	74	69	75	74	87	86
Fayette	1346221	1358724	1345366	1430934	1379269	1488929	1532349	1583820	1692264	61	62	62	66	63	68	70	72	77

Table 1. Lottery Sales in Iowa's Counties, Fiscal Years 1993-2001 (continued).

County	Sales (\$)									Per Capita Sales (\$)								
	2001	2000	1999	1998	1997	1996	1995	1994	1993	2001	2000	1999	1998	1997	1996	1995	1994	1993
Floyd	1336940	1405843	1455225	1383615	1293103	1389568	1251978	1335764	1307691	79	83	90	85	78	84	75	80	78
Franklin	836231	751675	797088	618435	633587	781588	733108	748742	764327	78	70	74	57	58	71	67	68	68
Fremont	997439	943074	1002628	843376	774674	1000564	1007534	1167242	898259	125	118	130	109	99	126	125	143	110
Greene	511969	565087	554810	575999	465191	513834	573212	533965	521366	49	55	55	57	46	51	57	53	51
Grundy	411057	408301	410653	395302	374270	421289	448762	534422	655087	33	33	33	32	30	34	37	44	54
Guthrie	234644	209646	370325	445305	493918	562193	553823	589109	631303	21	18	32	39	43	49	49	52	56
Hamilton	1434977	1431367	1526058	1504180	1447029	1639287	1767373	1681769	1655330	87	87	96	94	90	102	109	105	103
Hancock	1086679	1037468	986941	900061	909411	935609	887451	884917	757817	90	86	82	75	76	77	73	73	62
Hardin	1042030	1091896	1180820	1192696	1219015	1397843	1418216	1415437	1462363	55	58	65	65	66	75	76	76	79
Harrison	838310	861158	928552	882874	851917	1021874	1132615	1433061	1318845	54	55	61	58	56	67	75	96	89
Henry	1135825	1318458	1380202	1192221	1108554	1212098	1205163	1145801	1023440	56	65	69	59	56	61	61	58	52
Howard	665297	716580	755141	784033	728006	790849	751051	703908	771700	67	72	79	81	75	81	77	72	78
Humboldt	780304	772568	754657	713108	666436	802756	837603	857861	963766	75	74	74	69	64	77	81	82	92
Ida	287795	284485	272235	238819	215034	231272	272023	298732	280895	37	36	34	30	27	29	33	36	34
Iowa	762415	760723	734659	631139	684971	757049	764487	812330	935354	49	49	47	41	44	49	50	54	63
Jackson	1339371	1322506	1395564	1322267	1308177	1541739	1609364	1415969	1380415	66	65	69	66	65	77	80	70	69
Jasper	1724215	1680319	1780243	1698483	1771003	1898939	2090423	2226090	2264490	46	45	49	46	49	54	59	63	65
Jefferson	731006	835822	766614	712199	658630	702089	718826	680696	651488	45	52	46	42	39	42	43	41	39
Johnson	4054669	4137323	4253643	4010281	3806359	4215680	4115059	4018034	4094105	37	37	41	39	37	42	41	40	41
Jones	1099307	1128611	1043579	912998	940035	1056234	1061345	1048958	1057035	54	56	52	45	46	52	52	53	53
Keokuk	375758	430760	435233	426591	391323	394008	415095	467176	458647	33	38	38	37	34	34	36	41	39
Kossuth	840030	879517	907617	820803	852819	915142	929260	960567	912181	49	51	51	46	48	51	51	53	50
Lee	2097258	2186473	2410786	2177920	2178009	2332502	2238461	2131343	1870484	55	57	63	57	56	60	57	55	48
Linn	14015383	13987379	13937635	13314156	12867912	14262357	13810949	13626674	14416376	73	73	75	73	71	79	77	77	82
Louisa	804859	832427	848493	790156	759627	837594	950284	959870	913138	66	68	71	66	64	70	80	82	78
Lucas	366637	398039	419016	379916	415223	445841	507225	506234	594785	39	42	46	42	46	49	56	56	66
Lyon	245170	247683	290372	302578	354116	440053	473372	615225	750243	21	21	24	25	30	37	40	52	63
Madison	394946	394292	419190	371066	416890	422011	456813	473528	467397	28	28	30	27	30	31	34	36	36
Mahaska	1019532	1099711	1133043	1101204	1276259	1241834	1214631	1139176	1244841	46	49	52	50	59	57	56	52	57
Marion	1253747	1293184	1318852	1238557	1257455	1380868	1401483	1564925	1520520	39	40	42	40	40	44	45	51	50
Marshall	2491257	2495756	2661410	2716337	2571204	2918785	3071185	2918848	3301706	63	63	69	70	66	75	79	76	87
Mills	759157	753735	755010	713298	736453	884070	1051863	1203100	1152225	52	52	51	49	51	63	76	89	86
Mitchell	702178	721636	738430	691722	693977	657740	652343	736439	735445	65	66	66	63	63	59	59	67	67

Table 1. Lottery Sales in Iowa's Counties, Fiscal Years 1993-2001 (continued).

County	Sales (\$)									Per Capita Sales (\$)								
	2001	2000	1999	1998	1997	1996	1995	1994	1993	2001	2000	1999	1998	1997	1996	1995	1994	1993
Monona	545619	542114	558599	571565	581893	622542	594232	746970	735536	54	54	55	57	57	62	59	74	73
Monroe	799824	701972	638494	537743	618032	676747	691046	688357	733282	100	88	80	67	76	84	85	84	90
Montgomery	579195	598205	641517	661889	582580	663075	709405	754098	773974	49	51	55	56	49	56	60	63	64
Muscatine	2979148	2987824	3328172	3084641	3222271	3647274	3665970	3429841	3183759	71	72	81	75	79	89	89	84	78
O'Brien	678430	713167	701615	696904	754814	800102	766758	825320	858071	45	47	48	47	50	53	50	54	56
Osceola	151907	165390	179614	163775	187999	191521	180722	186533	236986	22	24	26	24	27	27	26	26	33
Page	286255	347950	373860	383886	437787	521176	582755	712986	1043292	17	20	22	22	25	30	35	43	63
Palo Alto	612222	569649	584926	620776	647808	722066	662560	710188	668340	60	56	59	62	64	71	65	68	64
Plymouth	1102520	1097666	1094684	1039742	925240	996888	1096582	1109921	1199623	44	44	44	42	37	40	45	46	50
Pocahontas	448224	452996	448886	463529	455281	516834	495808	558370	558081	52	52	51	53	52	58	54	61	61
Polk	23368999	23564276	23379090	21802450	21117820	22851465	27161824	26333810	28433397	62	63	64	61	59	65	77	76	83
Pottawattamie	6372604	6246105	6500860	6515395	6576421	8003251	10532872	19226994	18979956	73	71	75	76	77	95	126	231	227
Poweshiek	1054665	1084854	1100220	1063119	1173785	1407850	1420668	1416634	1458189	56	58	59	57	62	74	75	75	77
Ringgold	150591	172321	198058	187092	185379	195710	218977	235916	238460	28	32	37	35	35	37	41	44	44
Sac	667347	658663	704323	720521	778790	872810	858614	874433	807843	58	57	60	61	65	73	71	72	67
Scott	9883762	10146491	11530143	10444912	10342875	11737749	11775828	10300829	9373047	62	64	72	66	66	75	75	66	60
Shelby	597283	592204	653016	608536	554275	642935	681292	709521	680725	45	45	51	47	42	49	52	54	52
Sioux	510185	554589	527128	540849	486939	580727	661528	705020	678562	16	18	17	17	16	19	21	23	22
Story	2597163	2563940	2676285	2365686	2375012	2629799	2700748	2786573	2941777	32	32	36	32	32	35	36	38	39
Tama	756308	714618	740341	723053	768584	911584	960491	1119623	1193982	42	39	42	41	43	52	54	63	68
Taylor	190425	189356	253664	240906	229410	311443	291976	270397	339505	27	27	36	34	32	43	41	38	48
Union	1009284	1069056	1096487	960946	966430	1017629	1069682	1028938	1098413	82	87	87	77	77	81	86	83	88
Van Buren	295289	292794	245628	240896	234211	237173	221604	208870	198932	38	37	31	31	30	31	29	27	26
Wapello	3787701	4140249	4352285	4207965	4063105	4221392	4417248	4109736	4370392	105	115	123	119	115	118	124	114	121
Warren	1528337	1357191	1394007	1360197	1426956	1533223	1729540	1743345	1825979	38	33	34	34	36	39	45	45	48
Washington	1188807	1193726	1111969	1074049	1082842	1186382	1250429	1264563	1162247	58	58	53	51	52	57	61	62	57
Wayne	278662	301790	349162	298623	334304	382633	401118	427034	398234	41	45	53	45	49	56	59	62	57
Webster	3214035	3536457	3607487	3297679	3371254	3686859	3806130	3684834	3659847	80	88	93	85	87	95	97	93	92
Winnebago	781613	895629	1012738	1038683	989381	1076243	1148248	1116940	1058709	67	76	85	87	82	90	96	94	89
Winneshiek	1201492	1290906	1359611	1333118	1249867	1356528	1322307	1485243	1553256	56	61	65	64	60	65	63	71	74
Woodbury	5522063	5711378	5701686	5479829	5513028	6560470	6942966	7595600	7757503	53	55	56	54	54	64	68	75	77
Worth	556548	526255	503517	500261	442697	500650	446525	473069	507592	70	67	66	65	57	64	57	60	64
Wright	871612	961868	995017	968756	894145	1101660	1129362	1119332	1079270	61	67	72	69	63	77	79	79	76
State of Iowa	174943317	178205366	184065581	173351746	170930159	189893771	199313457	206452062	211213100	60	61	64	61	60	67	70	73	75

Food Stamps in Iowa's Counties: 1980, 1985, and 1990-2000

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The Iowa Department of Human Services maintains information on the number of persons and households receiving food stamps each month. For this report, averages of persons, households, and benefits were calculated for 1980, 1985, and each year from 1990 through 2000; numbers from monthly reports were summed and divided by 12. Through this period, the federal government has made changes in the eligibility requirements for food stamps, which have some effect on year-to-year comparisons.

Households Receiving Food Stamps

An average of 52,600 households received food stamps each month in 2000 (Table 1). This was a decrease of 1,000 from the 1999 figure, the seventh consecutive decline. From 76,000 to 79,000 households received food stamps monthly in 1985 and from 1992 through 1994.

Polk averaged nearly 6,900 households receiving food stamps each month in 2000, the highest of any county. Other counties with more than 2,000 food stamp households were Black Hawk, Linn, Scott, and Woodbury. These five highest counties accounted for more than a third (38.0%) of Iowa's average monthly food stamp households that year. Adams, Audubon, Grundy, Ida, Lyon, Mitchell, Osceola, and Worth averaged less than 100.

A comparison of 1990 with 2000 indicated that Iowa averaged 16,100 fewer households in the program at the end of the period than at the beginning. Likewise, 96 counties had fewer households receiving food stamps in 2000 than in 1990; 37 decreased by more than 100 households. Black Hawk, Polk, and Scott were the only counties with declines greater than 1,000 between those years. Of the three counties with higher averages in 2000 than in 1990, only Johnson gained more than 100. The comparison of 1980 and 2000 is less dramatic; the average of 57,449 in 1980 nearly matched the figure of 57,479 in 1998; both years had averages less than 5,000 above that for 2000.

Persons Receiving Food Stamps

In 2000, Iowa had an average of 122,900 persons receiving food stamps each month (Table 2, Figure 1). Polk averaged more monthly food stamp recipients (16,264) in 2000 than any other county. Scott was the only other with more than 10,000 persons receiving food stamps monthly that year.

The average number of persons receiving food stamps in the state was 4,200 lower in 2000 than in 1999. Comparing 1990 and 2000, Iowa had an average of 49,100 fewer persons in the food stamp program at the end of the period. All but two counties followed this trend, with Black Hawk, Dubuque, Linn, Polk, Pottawattamie, Scott, Webster, and Woodbury counting at least 1,000 fewer in 2000 than in 1990. Only Johnson had an increase of more than 100.

Percentage of the Population Receiving Food Stamps

An average of 4.2 percent of Iowa's population received food stamps each month during 2000 (Table 3). The percentage for the state had been 4.4 the previous year. Percentages were substantially

Table 1. Average Monthly Number of Households Receiving Food Stamps in Iowa's Counties, 1980, 1985, and 1990-2000,

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	133	128	142	170	196	188	188	195	183	185	178	215	117
Adams	86	89	111	119	137	141	150	150	153	146	140	157	91
Allamakee	159	177	205	236	235	243	254	265	255	234	222	316	261
Appanoose	568	590	613	684	764	735	738	734	731	684	664	793	527
Audubon	81	79	82	96	103	111	122	115	130	120	112	148	121
Benton	273	271	322	366	394	417	450	482	515	484	489	527	339
Black Hawk	3676	3898	4147	4605	4977	5052	5191	5206	5066	4961	5043	6108	4285
Boone	349	358	399	468	549	580	631	659	637	566	484	590	495
Bremer	240	221	222	245	294	296	357	351	303	322	313	458	249
Buchanan	281	292	325	355	418	424	466	486	506	553	536	719	405
Buena Vista	301	316	317	346	346	355	368	371	371	346	300	317	199
Butler	185	192	208	225	274	300	305	283	299	298	294	425	229
Calhoun	192	188	199	228	256	254	280	271	273	256	233	279	229
Carroll	288	286	282	303	349	354	364	369	350	340	347	390	271
Cass	259	239	253	302	333	366	398	391	365	331	312	362	301
Cedar	184	218	246	306	342	339	360	350	337	312	305	334	275
Cerro Gordo	931	954	1037	1152	1351	1328	1420	1427	1396	1305	1224	1173	1039
Cherokee	179	178	176	197	218	221	230	236	227	213	201	260	210
Chickasaw	180	150	146	165	196	196	214	210	221	213	218	343	189
Clarke	213	214	236	254	301	314	323	320	315	275	252	274	180
Clay	281	299	293	312	349	375	398	416	430	427	413	500	356
Clayton	167	183	190	205	240	233	256	278	298	302	315	504	381
Clinton	1355	1387	1446	1599	1863	1862	1921	1906	1836	1761	1682	1949	876
Crawford	295	313	338	371	452	455	459	418	398	398	394	362	265
Dallas	344	357	414	455	540	559	571	592	593	565	550	664	434
Davis	126	139	152	177	198	225	232	236	255	242	247	301	197
Decatur	310	338	369	386	442	458	486	455	423	392	365	344	262
Delaware	229	246	247	271	312	326	345	361	359	353	376	587	396
Des Moines	1232	1189	1307	1400	1502	1521	1552	1557	1462	1384	1310	1378	1156
Dickinson	194	208	224	234	256	277	276	268	265	256	240	254	245
Dubuque	1299	1340	1472	1555	1714	1652	1779	1868	1879	1840	1867	2652	1715
Emmet	158	169	182	204	240	277	306	320	339	342	324	321	227
Fayette	483	488	478	525	574	573	619	634	626	617	565	741	397
Floyd	338	332	361	381	434	472	516	497	491	457	459	518	408
Franklin	140	159	183	222	241	251	249	248	256	238	227	223	189
Fremont	191	195	223	234	264	266	278	255	244	219	209	208	170
Greene	199	198	195	209	245	245	244	231	222	225	200	272	213
Grundy	85	91	104	113	137	131	117	136	164	168	148	182	115
Guthrie	179	181	193	221	260	270	298	303	289	266	228	300	254
Hamilton	250	237	262	297	330	332	382	397	413	379	326	336	367
Hancock	115	123	133	154	186	190	217	234	229	223	222	207	190
Hardin	298	280	320	375	446	491	552	522	485	429	391	363	274
Harrison	283	305	333	378	426	435	451	471	480	444	416	446	363
Henry	351	355	387	430	464	472	504	471	458	430	385	356	296
Howard	125	127	131	151	170	191	213	218	214	206	220	304	221
Humboldt	147	153	159	179	200	223	228	251	244	228	228	238	190
Ida	84	98	103	109	112	120	112	113	109	110	92	109	95
Iowa	123	120	146	163	175	178	193	177	173	159	151	180	141
Jackson	347	379	383	436	506	537	574	563	536	535	519	650	380
Jasper	483	500	551	567	642	650	699	758	740	723	641	838	703

Table 1. Average Monthly Number of Households Receiving Food Stamps in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	389	398	420	461	539	549	576	574	551	526	484	451	331
Johnson	1262	1169	1183	1347	1444	1360	1344	1323	1269	1141	998	917	781
Jones	250	255	280	308	354	367	372	386	355	337	321	440	324
Keokuk	263	276	294	326	355	324	332	355	340	353	330	308	217
Kossuth	198	205	237	252	281	316	340	349	361	334	304	316	256
Lee	1050	1039	1091	1192	1310	1287	1397	1435	1418	1367	1268	1458	1026
Linn	3051	3148	3462	3890	4376	4462	4741	4628	4518	4343	4029	4842	3541
Louisa	222	212	252	295	337	345	347	343	341	318	275	318	268
Lucas	244	257	291	321	372	376	398	362	344	338	316	389	316
Lyon	95	105	104	116	143	152	156	158	150	132	135	187	113
Madison	157	141	151	176	215	233	243	253	242	231	210	261	182
Mahaska	500	513	575	649	671	646	669	689	697	688	662	726	547
Marion	411	412	440	514	600	631	666	664	622	575	519	625	452
Marshall	948	955	1017	1145	1261	1196	1250	1287	1261	1150	1038	1072	723
Mills	201	231	244	288	317	345	364	346	326	316	280	246	206
Mitchell	65	96	97	121	136	134	155	165	180	166	156	212	164
Monona	205	221	233	259	294	314	328	330	345	327	304	349	278
Monroe	221	243	244	269	303	312	313	315	306	301	306	336	206
Montgomery	300	326	312	327	353	373	367	341	346	300	266	304	217
Muscatine	951	955	1051	1210	1330	1303	1314	1287	1294	1227	1183	1277	988
O'Brien	139	151	162	182	208	210	209	210	222	189	180	256	188
Osceola	47	57	61	84	98	103	100	101	93	96	90	136	70
Page	446	457	471	489	507	502	552	543	538	539	494	532	382
Palo Alto	166	169	175	202	230	263	294	294	296	279	255	319	261
Plymouth	244	247	245	271	284	282	279	274	270	263	255	384	276
Pocahontas	164	164	155	171	192	205	212	216	220	208	178	178	140
Polk	6912	6965	7596	8649	10152	10429	11144	11342	10793	10006	9123	9996	8470
Pottawattamie	1965	2031	2208	2447	2718	2888	3144	3147	3038	2834	2520	2252	2373
Poweshiek	225	236	274	305	353	359	371	368	364	352	307	378	239
Ringgold	134	154	163	174	185	177	192	199	185	181	176	215	148
Sac	169	176	186	207	228	246	230	216	226	219	197	234	168
Scott	4345	4348	4501	5201	6181	6364	6623	6512	6131	5747	5403	5543	3319
Shelby	177	178	179	196	220	242	236	235	223	211	189	222	170
Sioux	175	176	195	215	254	262	235	218	248	248	254	312	261
Story	719	728	794	919	1031	1091	1109	1070	1057	958	874	875	659
Tama	236	226	227	260	274	286	332	357	391	364	335	382	341
Taylor	135	133	153	181	220	211	209	206	192	195	188	251	188
Union	286	300	318	370	467	485	488	466	451	448	436	478	301
Van Buren	162	141	148	161	174	178	182	209	204	208	198	234	174
Wapello	1428	1448	1610	1776	1886	1851	1856	1843	1846	1752	1668	1768	1164
Warren	318	339	394	465	518	602	698	729	706	666	603	614	456
Washington	286	284	299	328	371	358	376	369	365	359	343	299	222
Wayne	192	194	191	214	245	247	241	249	243	230	223	305	204
Webster	1016	1030	1152	1337	1524	1544	1614	1694	1651	1593	1478	1438	1048
Winnebago	139	143	148	181	197	198	216	226	216	208	187	179	170
Winneshiek	156	182	198	238	264	266	300	305	295	279	273	410	283
Woodbury	2004	2009	2049	2282	2501	2584	2819	3049	3182	3069	2847	3259	2698
Worth	72	73	93	108	117	130	154	176	189	178	180	184	154
Wright	197	194	211	252	294	312	341	328	330	306	296	353	304
State of Iowa	52600	53613	57479	64461	72831	74358	78261	78758	76974	73113	68705	77482	57449

Table 2. Average Monthly Number of Persons Receiving Food Stamps in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	286	277	326	406	485	455	458	487	452	464	447	667	344
Adams	221	224	282	309	362	362	402	407	436	395	379	460	241
Allamakee	350	392	476	581	574	611	661	676	634	609	560	888	724
Appanoose	1298	1333	1432	1629	1808	1783	1808	1853	1865	1742	1677	2211	1542
Audubon	211	219	228	272	283	290	332	323	370	334	323	457	302
Benton	649	656	803	969	1040	1125	1210	1311	1368	1268	1269	1405	901
Black Hawk	8481	9112	9828	10931	11598	11826	12430	12517	12190	12002	11989	15262	10016
Boone	740	829	952	1134	1322	1405	1514	1562	1544	1412	1196	1530	1256
Bremer	518	501	526	602	744	760	937	930	786	836	779	1365	630
Buchanan	647	723	845	948	1154	1195	1358	1395	1428	1515	1434	2200	1103
Buena Vista	731	761	771	832	882	902	935	947	962	929	795	874	547
Butler	428	437	503	557	712	776	805	713	798	809	789	1206	603
Calhoun	457	441	471	540	601	600	656	654	677	624	585	742	553
Carroll	638	663	700	742	842	884	923	932	863	862	869	1090	699
Cass	619	558	625	741	851	969	1090	1056	992	892	830	986	741
Cedar	434	540	592	725	829	811	910	899	857	814	783	903	696
Cerro Gordo	1992	2089	2315	2578	3027	3057	3269	3287	3211	2988	2821	2877	2558
Cherokee	379	369	375	440	509	508	569	598	585	556	523	683	483
Chickasaw	409	387	350	423	499	514	574	558	601	564	571	1017	497
Clarke	509	514	580	645	792	829	864	848	844	749	678	803	511
Clay	572	625	623	688	765	816	925	990	1041	1037	978	1309	861
Clayton	398	449	468	532	615	621	709	762	803	803	853	1465	983
Clinton	3175	3322	3414	3745	4270	4356	4603	4608	4378	4257	4089	5158	2413
Crawford	704	769	850	964	1168	1180	1203	1091	1018	1029	1021	985	618
Dallas	785	830	986	1105	1354	1445	1512	1525	1543	1474	1400	1882	1162
Davis	287	318	346	410	448	522	566	582	640	601	617	907	551
Decatur	619	666	753	840	985	1025	1105	1050	977	918	850	909	648
Delaware	530	592	626	692	812	882	937	992	952	914	984	1754	1112
Des Moines	2947	2877	3240	3425	3579	3654	3828	3860	3624	3483	3348	3658	3025
Dickinson	426	486	513	538	576	618	629	612	609	616	570	684	579
Dubuque	3028	3169	3500	3781	4207	3992	4389	4597	4608	4422	4528	7048	4383
Emmet	384	412	452	501	581	668	768	817	865	823	810	946	625
Fayette	1141	1170	1144	1304	1431	1450	1631	1694	1696	1628	1495	2137	977
Floyd	821	837	908	998	1125	1250	1417	1331	1329	1238	1216	1553	1158
Franklin	308	361	410	508	574	638	646	637	669	624	592	599	495
Fremont	473	479	550	592	678	668	734	662	638	567	544	587	449
Greene	497	482	487	521	625	637	658	644	599	599	511	740	552
Grundy	180	210	248	286	349	345	320	414	454	440	384	507	292
Guthrie	444	436	473	551	647	695	780	807	766	707	595	883	631
Hamilton	546	526	576	665	748	771	940	969	995	943	789	880	933
Hancock	276	314	340	389	489	488	590	652	673	637	631	620	569
Hardin	674	656	747	877	1053	1195	1389	1321	1246	1097	975	954	645
Harrison	715	767	865	981	1120	1134	1206	1250	1282	1212	1129	1258	906
Henry	773	800	875	982	1102	1114	1232	1209	1174	1120	990	1027	796
Howard	287	303	324	387	432	477	574	575	535	501	535	841	486
Humboldt	326	349	366	402	449	513	542	590	587	538	527	668	477
Ida	211	260	277	287	299	315	290	320	302	307	222	305	236
Iowa	293	294	364	423	464	472	511	469	457	432	403	519	355
Jackson	806	896	890	1039	1212	1333	1482	1476	1448	1451	1416	1970	1073
Jasper	1068	1114	1237	1310	1479	1514	1645	1812	1749	1693	1515	2229	1829

Table 2. Average Monthly Number of Persons Receiving Food Stamps in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	851	871	911	990	1153	1181	1301	1313	1279	1198	1096	1117	839
Johnson	2741	2606	2633	2975	3206	3026	3010	2977	2826	2544	2263	2071	1705
Jones	592	621	703	796	899	964	983	1019	940	908	830	1257	914
Keokuk	650	708	760	840	912	850	891	948	921	980	906	944	614
Kossuth	499	526	604	632	717	841	937	961	974	884	790	909	643
Lee	2525	2576	2705	2946	3223	3157	3562	3681	3583	3398	3118	3772	2648
Linn	6882	7198	8006	8875	9698	10139	10955	10787	10637	10247	9451	11746	8603
Louisa	576	541	673	794	858	878	899	886	896	855	745	918	741
Lucas	543	593	699	778	865	898	935	856	834	794	738	1038	803
Lyon	259	278	259	316	407	425	461	461	460	397	411	597	291
Madison	354	326	355	425	534	587	642	667	643	623	554	732	468
Mahaska	1140	1216	1352	1518	1579	1511	1609	1684	1724	1726	1632	1974	1428
Marion	956	977	1012	1217	1432	1561	1682	1676	1575	1459	1344	1791	1292
Marshall	2169	2248	2349	2672	2932	2810	3012	3023	2953	2716	2483	2695	1875
Mills	582	699	719	824	901	953	998	932	906	870	757	767	594
Mitchell	188	211	214	265	301	308	377	416	468	427	387	584	457
Monona	453	494	525	578	682	754	850	879	944	906	819	966	712
Monroe	482	548	557	644	731	789	831	823	784	769	787	908	524
Montgomery	723	801	779	844	900	948	932	869	872	750	652	791	539
Muscatine	2333	2357	2648	3116	3461	3419	3531	3561	3600	3413	3262	3502	2672
O'Brien	312	381	404	432	520	562	564	573	592	464	443	720	426
Osceola	105	136	139	212	274	275	265	266	249	263	230	444	200
Page	1028	1037	1092	1121	1217	1178	1295	1294	1326	1363	1233	1426	920
Palo Alto	279	293	316	401	449	523	617	641	674	661	626	873	701
Plymouth	521	549	546	609	642	665	661	650	680	688	706	1133	740
Pocahontas	358	363	351	395	444	501	526	535	544	528	423	525	390
Polk	16264	16527	18152	20688	23883	25001	27254	27498	26387	24392	22267	24702	21586
Pottawattamie	4876	5099	5604	6298	7013	7498	8264	8363	8150	7588	6682	6264	6432
Poweshiek	528	558	646	728	863	884	946	946	930	893	775	1073	637
Ringgold	312	355	391	435	486	464	511	531	494	480	467	623	372
Ringgold	312	355	391	435	486	464	511	531	494	480	467	623	372
Sac	409	412	458	526	596	634	603	590	611	603	559	677	400
Scott	10828	10956	11293	13024	15143	15832	16632	16474	15903	14971	14041	14735	9150
Shelby	409	428	466	523	593	669	631	658	657	597	532	636	433
Sioux	456	470	535	583	702	738	656	610	706	712	770	1001	742
Story	1528	1581	1729	2031	2288	2445	2504	2422	2318	2092	1907	2108	1597
Tama	556	543	543	659	756	783	914	987	1098	1009	876	1151	936
Taylor	368	356	423	491	598	568	554	560	519	565	548	776	547
Union	641	674	732	876	1100	1136	1188	1203	1153	1152	1100	1276	757
Van Buren	401	342	385	411	459	475	493	590	568	575	544	707	507
Van Buren	401	342	385	411	459	475	493	590	568	575	544	707	507
Wapello	3099	3228	3639	4082	4252	4228	4327	4361	4365	4197	3935	4472	2980
Warren	744	823	977	1170	1267	1488	1739	1828	1764	1638	1485	1741	1229
Washington	652	690	721	804	952	912	969	960	968	944	908	875	577
Wayne	450	474	459	520	607	643	648	694	680	630	631	847	545
Wayne	450	474	459	520	607	643	648	694	680	630	631	847	545
Webster	2342	2367	2617	3119	3457	3593	3818	4036	3884	3750	3492	3790	2805
Winnebago	314	331	349	456	487	491	525	534	528	519	476	460	430
Winneshiek	323	395	440	548	623	646	758	796	760	716	704	1147	746
Woodbury	5056	5014	5068	5687	6327	6529	7247	8044	8581	8319	7646	8785	7145
Worth	132	133	198	238	270	309	363	449	445	412	407	476	425
Wright	446	440	504	607	724	775	859	829	853	796	733	859	792
State of Iowa	122924	127139	137480	155436	174928	180890	194193	196603	193318	183856	171980	205985	148268

Table 3. Average Monthly Percentage of All Residents Receiving Food Stamps in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	3.5	3.4	4.0	5.0	5.9	5.5	5.5	5.8	5.4	5.5	5.3	7.5	3.6
Adams	4.9	5.1	6.4	7.0	8.1	8.0	8.8	8.9	9.4	8.4	7.8	8.7	4.2
Allamakee	2.4	2.8	3.4	4.1	4.1	4.3	4.7	4.8	4.5	4.4	4.0	6.1	4.8
Appanoose	9.5	9.9	10.6	12.1	13.3	13.1	13.3	13.4	13.5	12.7	12.2	15.4	9.9
Audubon	3.1	3.2	3.3	4.0	4.1	4.2	4.8	4.6	5.2	4.6	4.4	5.6	3.5
Benton	2.6	2.5	3.2	3.9	4.2	4.6	5.1	5.6	6.0	5.6	5.7	6.2	3.8
Black Hawk	6.6	7.6	8.1	9.0	9.5	9.6	10.1	10.1	9.8	9.6	9.7	11.7	7.3
Boone	2.8	3.2	3.6	4.3	5.1	5.5	6.0	6.2	6.1	5.6	4.7	6.0	4.8
Bremer	2.2	2.1	2.3	2.6	3.2	3.3	4.1	4.0	3.4	3.6	3.4	5.8	2.5
Buchanan	3.1	3.4	4.0	4.5	5.4	5.6	6.4	6.6	6.8	7.2	6.9	10.1	4.8
Buena Vista	3.6	3.9	4.0	4.2	4.4	4.5	4.7	4.7	4.8	4.7	4.0	4.2	2.6
Butler	2.8	2.8	3.2	3.5	4.5	4.9	5.1	4.5	5.1	5.1	5.0	7.2	3.4
Calhoun	4.1	3.9	4.1	4.7	5.2	5.2	5.6	5.7	5.9	5.4	5.1	6.0	4.1
Carroll	3.0	3.1	3.2	3.4	3.9	4.1	4.3	4.3	4.0	4.0	4.1	4.9	3.0
Cass	4.2	3.8	4.3	5.0	5.7	6.5	7.2	7.0	6.6	5.9	5.5	6.0	4.4
Cedar	2.4	3.0	3.3	4.0	4.7	4.6	5.2	5.1	4.9	4.7	4.5	5.0	3.7
Cerro Gordo	4.3	4.6	5.0	5.6	6.5	6.6	7.0	7.1	6.9	6.3	6.0	5.9	5.3
Cherokee	2.9	2.8	2.8	3.3	3.8	3.7	4.1	4.3	4.2	4.0	3.7	4.5	3.0
Chickasaw	3.1	2.9	2.6	3.2	3.7	3.8	4.3	4.2	4.5	4.3	4.3	7.0	3.2
Clarke	5.6	6.2	7.0	7.8	9.6	10.2	10.6	10.2	10.1	9.1	8.2	9.6	5.9
Clay	3.3	3.6	3.6	3.9	4.4	4.7	5.2	5.6	5.9	5.9	5.6	7.1	4.4
Clayton	2.1	2.4	2.5	2.8	3.3	3.3	3.8	4.0	4.3	4.3	4.5	7.3	4.7
Clinton	6.3	6.7	6.8	7.5	8.5	8.6	9.0	9.0	8.5	8.4	8.0	9.6	4.2
Crawford	4.2	4.7	5.2	5.9	7.1	7.2	7.3	6.6	6.1	6.2	6.1	5.4	3.3
Dallas	1.9	2.2	2.7	3.1	3.9	4.3	4.7	4.8	5.0	4.8	4.7	6.4	3.9
Davis	3.4	3.7	4.1	4.8	5.3	6.2	6.7	6.9	7.7	7.2	7.4	10.3	6.1
Decatur	7.1	8.0	9.1	10.3	12.0	12.4	13.6	13.0	12.0	11.3	10.2	10.2	6.6
Delaware	2.9	3.2	3.4	3.8	4.4	4.8	5.1	5.4	5.2	5.0	5.5	9.5	5.9
Des Moines	7.0	6.9	7.7	8.1	8.4	8.6	8.9	9.0	8.5	8.1	7.9	8.3	6.5
Dickinson	2.6	3.0	3.2	3.4	3.7	4.0	4.1	4.0	4.0	4.1	3.8	4.5	3.7
Dubuque	3.4	3.6	4.0	4.3	4.8	4.5	5.0	5.2	5.3	5.1	5.2	7.9	4.7
Emmet	3.5	3.9	4.2	4.6	5.3	6.0	6.8	7.2	7.5	7.1	7.0	7.6	4.7
Fayette	5.2	5.4	5.2	6.0	6.5	6.6	7.4	7.7	7.7	7.4	6.8	9.1	3.8
Floyd	4.9	5.1	5.5	6.1	6.8	7.5	8.5	7.9	7.8	7.3	7.1	8.4	5.9
Franklin	2.9	3.3	3.8	4.7	5.2	5.8	5.9	5.7	6.0	5.5	5.2	4.8	3.8
Fremont	5.9	6.2	7.1	7.6	8.6	8.3	9.0	8.1	7.8	6.9	6.6	6.6	4.8
Greene	4.8	4.8	4.8	5.2	6.2	6.4	6.5	6.4	5.9	6.0	5.1	6.6	4.6
Grundy	1.5	1.7	2.0	2.3	2.8	2.8	2.6	3.4	3.8	3.7	3.2	3.8	2.0
Guthrie	3.9	3.8	4.1	4.8	5.7	6.1	6.9	7.2	6.9	6.4	5.4	7.7	5.3
Hamilton	3.3	3.3	3.6	4.1	4.7	4.8	5.9	6.0	6.2	5.9	4.9	5.2	5.2
Hancock	2.3	2.6	2.8	3.2	4.0	4.0	4.9	5.4	5.4	5.1	5.0	4.6	4.1
Hardin	3.6	3.6	4.1	4.7	5.6	6.4	7.4	7.1	6.6	5.8	5.1	4.6	3.0
Harrison	4.6	5.0	5.6	6.4	7.4	7.5	8.1	8.4	8.7	8.3	7.7	8.1	5.5
Henry	3.8	4.0	4.4	5.0	5.6	5.6	6.2	6.2	6.0	5.8	5.1	5.5	4.2
Howard	2.9	3.2	3.3	4.0	4.4	4.9	5.9	5.8	5.4	5.1	5.5	8.0	4.4
Humboldt	3.1	3.4	3.5	3.9	4.3	4.9	5.2	5.6	5.6	5.0	4.9	5.7	3.9
Ida	2.7	3.3	3.5	3.6	3.7	3.8	3.5	3.8	3.6	3.7	2.7	3.5	2.6
Iowa	1.9	1.9	2.3	2.7	3.0	3.1	3.4	3.2	3.1	2.9	2.8	3.4	2.3
Jackson	4.0	4.4	4.4	5.2	6.0	6.6	7.3	7.3	7.2	7.3	7.1	9.1	4.8
Jasper	2.9	3.0	3.4	3.7	4.2	4.3	4.7	5.2	5.0	4.9	4.4	6.4	5.0

Table 3. Average Monthly Percentage of All Residents Receiving Food Stamps in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	5.3	5.2	5.3	5.8	6.8	7.0	7.7	7.8	7.8	7.3	6.7	6.8	5.1
Johnson	2.5	2.5	2.6	2.9	3.2	3.0	3.0	3.0	2.9	2.6	2.4	2.3	2.1
Jones	2.9	3.1	3.5	3.9	4.4	4.7	4.9	5.1	4.8	4.6	4.3	6.4	4.5
Keokuk	5.7	6.2	6.6	7.3	7.9	7.3	7.7	8.2	7.9	8.4	7.8	7.6	4.8
Kossuth	2.9	3.0	3.4	3.5	4.0	4.6	5.2	5.3	5.3	4.8	4.2	4.5	2.9
Lee	6.6	6.7	7.0	7.6	8.3	8.1	9.1	9.5	9.2	8.7	8.1	9.2	6.1
Linn	3.6	3.9	4.4	4.9	5.4	5.7	6.2	6.2	6.1	6.0	5.6	7.1	5.1
Louisa	4.7	4.5	5.6	6.7	7.2	7.4	7.6	7.5	7.8	7.4	6.4	7.8	6.1
Lucas	5.8	6.5	7.7	8.5	9.6	9.9	10.4	9.5	9.2	8.7	8.1	10.6	7.8
Lyon	2.2	2.3	2.2	2.6	3.4	3.6	3.9	3.9	3.8	3.3	3.4	4.8	2.3
Madison	2.5	2.3	2.6	3.1	3.9	4.4	4.9	5.2	5.0	5.0	4.4	6.0	3.7
Mahaska	5.1	5.5	6.2	7.0	7.3	6.9	7.4	7.8	8.0	8.0	7.6	9.0	6.2
Marion	3.0	3.1	3.2	3.9	4.6	5.0	5.5	5.5	5.2	4.8	4.5	6.1	4.4
Marshall	5.5	5.8	6.1	6.9	7.6	7.3	7.9	8.0	7.8	7.1	6.5	6.7	4.5
Mills	4.0	4.8	5.0	5.7	6.4	6.9	7.4	7.0	6.8	6.6	5.7	5.7	4.4
Mitchell	1.7	1.9	1.9	2.4	2.7	2.8	3.4	3.8	4.3	3.9	3.5	5.1	3.7
Monona	4.5	4.9	5.2	5.7	6.8	7.5	8.4	8.7	9.4	9.1	8.2	8.9	6.1
Monroe	6.0	6.8	6.9	8.0	9.0	9.7	10.2	10.1	9.6	9.4	9.7	10.6	5.7
Montgomery	6.1	6.8	6.6	7.1	7.6	8.0	7.8	7.2	7.3	6.3	5.4	6.2	4.0
Muscatine	5.6	5.7	6.5	7.6	8.5	8.3	8.6	8.7	8.8	8.4	8.2	8.7	6.6
O'Brien	2.1	2.6	2.7	2.9	3.5	3.7	3.7	3.7	3.8	3.0	2.9	4.4	2.5
Osceola	1.5	2.0	2.0	3.0	3.9	3.9	3.7	3.7	3.5	3.6	3.2	5.7	2.4
Page	6.1	6.1	6.3	6.5	7.0	7.1	7.7	7.8	8.0	8.1	7.3	8.0	4.8
Palo Alto	2.7	3.0	3.1	4.0	4.4	5.2	5.9	6.1	6.4	6.2	5.9	7.3	5.5
Plymouth	2.1	2.2	2.2	2.5	2.6	2.7	2.7	2.7	2.9	2.9	3.0	4.8	3.0
Pocahontas	4.1	4.1	4.0	4.5	5.0	5.5	5.8	5.8	5.8	5.6	4.4	4.9	3.4
Polk	4.3	4.5	5.0	5.8	6.7	7.1	7.9	8.0	7.8	7.3	6.8	8.0	7.1
Pottawattamie	5.6	5.9	6.5	7.4	8.3	9.0	9.9	10.0	9.8	9.2	8.1	7.4	7.4
Poweshiek	2.8	3.0	3.4	3.8	4.6	4.7	5.0	5.0	4.9	4.7	4.1	5.7	3.3
Ringgold	5.7	6.6	7.3	8.1	9.1	8.7	9.6	9.9	9.2	8.9	8.6	10.8	6.1
Sac	3.5	3.5	3.9	4.4	5.0	5.3	5.0	4.9	5.0	5.0	4.5	5.2	2.8
Scott	6.8	6.9	7.1	8.3	9.6	10.1	10.7	10.6	10.3	9.8	9.3	9.5	5.7
Shelby	3.1	3.3	3.6	4.0	4.5	5.1	4.8	5.0	5.0	4.5	4.0	4.5	2.9
Sioux	1.4	1.5	1.7	1.9	2.3	2.4	2.1	2.0	2.3	2.4	2.6	3.3	2.4
Story	1.9	2.1	2.3	2.7	3.1	3.3	3.4	3.2	3.1	2.8	2.6	2.8	2.2
Tama	3.1	3.1	3.1	3.7	4.3	4.4	5.1	5.6	6.3	5.8	5.0	6.2	4.8
Taylor	5.3	5.1	5.9	6.9	8.4	7.9	7.8	7.9	7.4	8.0	7.7	9.9	6.5
Union	5.2	5.3	5.8	7.0	8.7	9.1	9.6	9.6	9.2	9.1	8.6	9.7	5.5
Van Buren	5.1	4.3	4.9	5.3	5.9	6.1	6.4	7.6	7.4	7.4	7.1	8.7	5.9
Wapello	8.6	9.1	10.3	11.5	11.9	11.9	12.0	12.1	12.2	11.7	11.0	11.7	7.4
Warren	1.8	2.0	2.4	2.9	3.2	3.8	4.5	4.8	4.7	4.5	4.1	5.0	3.5
Washington	3.2	3.3	3.4	3.8	4.6	4.4	4.8	4.7	4.8	4.7	4.6	4.4	2.9
Wayne	6.7	7.2	6.9	7.7	8.9	9.4	9.4	9.9	9.8	9.0	8.9	11.3	6.6
Webster	5.8	6.1	6.7	8.1	8.9	9.1	9.7	10.1	9.7	9.3	8.7	8.9	6.1
Winnebago	2.7	2.8	2.9	3.8	4.1	4.1	4.4	4.5	4.4	4.3	3.9	3.7	3.3
Winneshiek	1.5	1.9	2.1	2.6	3.0	3.1	3.6	3.8	3.6	3.4	3.4	5.4	3.4
Woodbury	4.9	4.9	5.0	5.6	6.2	6.4	7.2	8.0	8.6	8.4	7.8	8.9	7.1
Worth	1.7	1.7	2.6	3.1	3.4	3.9	4.6	5.6	5.6	5.2	5.1	5.5	4.7
Wright	3.1	3.2	3.6	4.3	5.1	5.4	6.0	5.9	6.0	5.6	5.1	5.6	4.9
State of Iowa	4.2	4.4	4.8	5.4	6.1	6.4	6.9	7.0	6.9	6.6	6.2	7.3	5.1

Table 4. Total Annual (in \$1,000s) and Adjusted Total Annual (in 2000 \$1,000s) Food Stamp Benefits in Iowa's Counties, 1980, 1985, 1990, 1995, and 1999-2000.

County	Total (in \$1,000s) Benefits Received						Adjusted Total (in 2000 \$1,000s) Benefits Received				
	2000	1999	1995	1990	1985	1980	1999	1995	1990	1985	1980
Adair	242	225	328	261	341	126	233	370	342	539	257
Adams	167	168	255	220	242	80	174	288	288	382	163
Allamakee	247	268	435	323	444	257	277	491	423	701	523
Appanoose	1016	1025	1336	1078	1130	541	1061	1507	1411	1785	1102
Audubon	168	162	202	190	225	108	168	228	249	355	220
Benton	488	475	826	807	730	327	492	932	1056	1153	666
Black Hawk	6762	7202	9164	7808	8394	4153	7452	10335	10219	13259	8459
Boone	605	663	1116	761	802	467	686	1259	996	1267	951
Bremer	397	368	555	489	689	236	381	626	640	1088	481
Buchanan	486	533	859	908	1169	401	552	969	1188	1847	817
Buena Vista	571	609	671	491	436	191	630	757	643	689	389
Butler	313	304	539	473	599	210	315	608	619	946	428
Calhoun	344	312	417	338	368	191	323	470	442	581	389
Carroll	494	493	599	512	508	242	510	676	670	802	493
Cass	464	388	699	516	505	255	401	788	675	798	519
Cedar	341	437	621	503	482	280	452	700	658	761	570
Cerro Gordo	1531	1577	2276	1808	1446	932	1632	2567	2366	2284	1898
Cherokee	286	278	383	318	322	148	288	432	416	509	301
Chickasaw	303	295	345	339	507	161	305	389	444	801	328
Clarke	413	400	647	433	426	200	414	730	567	673	407
Clay	431	477	580	581	650	307	494	654	760	1027	625
Clayton	300	355	440	502	740	388	367	496	657	1169	790
Clinton	2552	2662	3459	2807	2884	950	2755	3901	3674	4556	1935
Crawford	553	576	876	627	490	219	596	988	821	774	446
Dallas	680	708	1196	925	960	412	733	1349	1211	1516	839
Davis	199	221	391	394	452	193	229	441	516	714	393
Decatur	485	518	710	496	436	216	536	801	649	689	440
Delaware	393	427	610	585	880	402	442	688	766	1390	819
Des Moines	2505	2412	2924	2230	1941	1172	2496	3298	2919	3066	2387
Dickinson	341	376	469	337	329	197	389	529	441	520	401
Dubuque	2344	2444	2939	2869	3677	1702	2529	3315	3755	5808	3467
Emmet	278	286	481	515	464	207	296	542	674	733	422
Fayette	864	860	1004	857	1069	350	890	1132	1122	1689	713
Floyd	639	648	892	707	737	386	671	1006	925	1164	786
Franklin	213	249	445	381	278	168	258	502	499	439	342
Fremont	343	344	485	316	285	151	356	547	414	450	308
Greene	365	345	458	303	352	183	357	517	397	556	373
Grundy	136	163	264	244	255	106	169	298	319	403	216
Guthrie	351	335	487	345	444	215	347	549	452	701	438
Hamilton	447	441	584	477	445	330	456	659	624	703	672
Hancock	211	235	345	354	301	199	243	389	463	475	405
Hardin	542	488	871	587	482	215	505	982	768	761	438
Harrison	510	556	783	668	605	312	575	883	874	956	635
Henry	594	617	848	624	513	289	638	956	817	810	589
Howard	205	213	315	299	414	164	220	355	391	654	334
Humboldt	255	254	356	297	330	174	263	401	389	521	354
Ida	144	179	212	119	143	80	185	239	156	226	163
Iowa	250	232	329	253	262	136	240	371	331	414	277
Jackson	591	654	964	879	1014	374	677	1087	1150	1602	762
Jasper	889	894	1166	969	1126	699	925	1315	1268	1779	1424

Table 4. Total Annual (in \$1,000s) and Adjusted Total Annual (in 2000 \$1,000s) Food Stamp Benefits in Iowa's Counties, 1980, 1985, 1990, 1995, and 1999-2000 (continued).

County	Total (in \$1,000s) Benefits Received						Adjusted Total (in 2000 \$1,000s) Benefits Received				
	2000	1999	1995	1990	1985	1980	1999	1995	1990	1985	1980
Jefferson	712	722	980	731	606	309	747	1105	957	957	629
Johnson	2468	2277	2582	1500	1140	680	2356	2912	1963	1801	1385
Jones	460	475	747	512	668	346	492	842	670	1055	705
Keokuk	493	518	618	567	481	209	536	697	742	760	426
Kossuth	357	367	575	465	439	219	380	648	609	693	446
Lee	2048	2120	2390	2071	2074	1028	2194	2695	2711	3276	2094
Linn	5812	5997	8207	6418	6582	3556	6205	9256	8400	10397	7243
Louisa	499	458	691	491	488	272	474	779	643	771	554
Lucas	418	420	670	469	522	280	435	756	614	825	570
Lyon	167	185	278	218	272	106	191	314	285	430	216
Madison	279	242	447	355	375	160	250	504	465	592	326
Mahaska	939	948	1123	1020	989	551	981	1266	1335	1562	1122
Marion	756	780	1186	855	955	480	807	1338	1119	1509	978
Marshall	1798	1854	2196	1646	1448	725	1918	2477	2154	2287	1477
Mills	502	583	753	480	391	213	603	849	628	618	434
Mitchell	154	157	206	220	281	149	162	232	288	444	303
Monona	336	356	525	480	470	244	368	592	628	742	497
Monroe	349	384	559	497	484	189	397	630	650	765	385
Montgomery	551	647	694	401	400	195	669	783	525	632	397
Muscatine	2022	2021	2761	2158	1947	1077	2091	3114	2824	3075	2194
O'Brien	220	258	374	247	332	154	267	422	323	524	314
Osceola	70	91	188	134	238	69	94	212	175	376	141
Page	815	767	820	713	685	317	794	925	933	1082	646
Palo Alto	182	195	349	344	425	238	202	394	450	671	485
Plymouth	404	413	443	391	539	281	427	500	512	851	572
Pocahontas	232	241	333	248	246	137	249	376	325	389	279
Polk	14385	14258	21484	15570	13553	8884	14754	24229	20378	21408	18095
Pottawattamie	4176	4276	6100	4557	3322	2423	4425	6879	5964	5247	4935
Poweshiek	399	442	684	480	541	241	457	771	628	855	491
Ringgold	204	227	316	267	307	122	235	356	349	485	248
Ringgold	204	227	316	267	307	122	235	356	349	485	248
Sac	315	303	432	316	314	127	314	487	414	496	259
Scott	9662	9648	13318	9912	8410	3920	9983	15020	12973	13284	7984
Shelby	296	329	476	315	309	157	340	537	412	488	320
Sioux	340	334	479	393	437	254	346	540	514	690	517
Story	1399	1409	2168	1278	1121	632	1458	2445	1673	1771	1287
Tama	415	409	572	556	572	331	423	645	728	904	674
Taylor	279	262	373	298	385	173	271	421	390	608	352
Union	473	491	858	673	649	268	508	968	881	1025	546
Van Buren	293	245	341	333	366	185	254	385	436	578	377
Wapello	2492	2500	3136	2542	2344	1039	2587	3537	3327	3703	2116
Warren	621	654	1178	986	916	453	677	1329	1290	1447	923
Washington	506	528	669	565	455	211	546	754	739	719	430
Wayne	323	343	437	363	436	188	355	493	475	689	383
Webster	1868	1849	2732	2226	1922	984	1913	3081	2913	3036	2004
Winnebago	235	239	340	281	215	152	247	383	368	340	310
Winneshiek	222	284	428	414	559	271	294	483	542	883	552
Woodbury	4130	4102	5040	4810	4515	2669	4245	5684	6295	7132	5436
Worth	98	93	223	250	240	152	96	251	327	379	310
Wright	353	327	558	474	474	298	338	629	620	749	607
State of Iowa	100776	102381	141193	111612	108561	56720	105940	159234	146077	171482	115530

Table 5. Average (in \$s) and Adjusted Average (in 2000 \$s) Food Stamp Benefits Received Per Person Per Month in Iowa's Counties, 1980, 1985, 1990, 1995, and 1999-2000.

County	Average Benefits Received (in \$s) Per Person Per Month						Adjusted Average Benefits Received (in 2000 \$s) Per Person Per Month				
	2000	1999	1995	1990	1985	1980	1999	1995	1990	1985	1980
Adair	70.47	67.60	60.14	48.64	42.57	30.42	69.95	67.82	63.67	67.24	61.96
Adams	62.88	62.61	58.71	48.48	43.85	27.67	64.79	66.21	63.45	69.26	56.36
Allamakee	58.84	56.99	59.34	48.08	41.62	29.58	58.97	66.92	62.92	65.75	60.26
Appanoose	65.25	64.08	62.46	53.57	42.59	29.25	66.31	70.44	70.12	67.28	59.57
Audubon	66.50	61.60	57.92	48.98	41.11	29.85	63.74	65.33	64.11	64.93	60.80
Benton	62.60	60.40	61.15	53.02	43.30	30.24	62.50	68.96	69.39	68.39	61.60
Black Hawk	66.44	65.86	64.57	54.27	45.83	34.55	68.15	72.83	71.03	72.40	70.38
Boone	68.15	66.68	66.17	53.04	43.67	30.97	69.00	74.63	69.42	68.98	63.09
Bremer	63.83	61.28	60.86	52.33	42.04	31.26	63.41	68.64	68.49	66.41	63.67
Buchanan	62.60	61.47	59.92	52.75	44.28	30.28	63.60	67.58	69.04	69.94	61.68
Buena Vista	65.09	66.74	61.97	51.42	41.61	29.10	69.06	69.88	67.30	65.72	59.28
Butler	60.87	57.97	57.85	49.98	41.37	29.02	59.98	65.25	65.41	65.35	59.10
Calhoun	62.64	59.04	57.94	48.18	41.37	28.74	61.09	65.34	63.06	65.34	58.54
Carroll	64.56	61.92	56.48	49.12	38.83	28.83	64.07	63.70	64.29	61.34	58.73
Cass	62.43	57.99	60.11	51.82	42.72	28.70	60.01	67.79	67.82	67.48	58.46
Cedar	65.39	67.47	63.83	53.51	44.45	33.50	69.82	71.98	70.04	70.21	68.24
Cerro Gordo	64.04	62.91	62.04	53.41	41.88	30.37	65.10	69.97	69.91	66.15	61.85
Cherokee	62.83	62.67	62.80	50.71	39.25	25.58	64.85	70.83	66.37	62.00	52.11
Chickasaw	61.66	63.58	56.01	49.41	41.56	27.01	65.79	63.17	64.67	65.65	55.01
Clarke	67.62	64.88	64.99	53.20	44.24	32.56	67.13	73.29	69.63	69.89	66.33
Clay	62.81	63.54	59.28	49.48	41.37	29.67	65.75	66.85	64.76	65.34	60.43
Clayton	62.89	65.85	59.11	49.02	42.07	32.86	68.13	66.66	64.16	66.45	66.93
Clinton	66.97	66.78	66.17	57.21	46.59	32.82	69.10	74.63	74.88	73.59	66.84
Crawford	65.50	62.46	61.83	51.17	41.47	29.57	64.63	69.73	66.98	65.50	60.22
Dallas	72.22	71.09	68.97	55.06	42.53	29.55	73.57	77.78	72.06	67.17	60.18
Davis	57.83	57.92	62.40	53.25	41.57	29.17	59.93	70.37	69.69	65.67	59.42
Decatur	65.25	64.86	57.70	48.66	39.96	27.82	67.12	65.07	63.68	63.12	56.66
Delaware	61.83	60.15	57.65	49.53	41.80	30.14	62.24	65.02	64.83	66.03	61.39
Des Moines	70.83	69.85	66.69	55.50	44.23	32.28	72.28	75.21	72.64	69.86	65.76
Dickinson	66.79	64.42	63.27	49.29	40.03	28.38	66.66	71.35	64.51	63.24	57.81
Dubuque	64.52	64.27	61.36	52.80	43.47	32.37	66.51	69.20	69.10	68.67	65.93
Emmet	60.37	57.83	60.05	53.00	40.85	27.65	59.84	67.72	69.36	64.52	56.31
Fayette	63.12	61.27	57.73	47.78	41.67	29.83	63.40	65.10	62.53	65.82	60.76
Floyd	64.82	64.55	59.46	48.44	39.57	27.75	66.79	67.06	63.39	62.51	56.52
Franklin	57.64	57.41	58.14	53.59	38.73	28.29	59.41	65.57	70.13	61.18	57.62
Fremont	60.42	59.77	60.47	48.41	40.45	28.07	61.85	68.20	63.36	63.90	57.18
Greene	61.18	59.67	59.87	49.43	39.67	27.64	61.75	67.52	64.70	62.66	56.30
Grundy	62.86	64.77	63.77	53.01	41.92	30.21	67.02	71.91	69.38	66.21	61.53
Guthrie	65.92	63.97	58.41	48.34	41.94	28.40	66.19	65.87	63.27	66.25	57.86
Hamilton	68.27	69.85	63.10	50.35	42.18	29.48	72.28	71.16	65.90	66.63	60.04
Hancock	63.62	62.26	58.89	46.80	40.50	29.11	64.43	66.41	61.25	63.97	59.28
Hardin	67.03	61.96	60.72	50.13	42.13	27.75	64.12	68.48	65.61	66.54	56.51
Harrison	59.39	60.39	57.51	49.28	40.07	28.66	62.49	64.86	64.50	63.29	58.37
Henry	64.05	64.28	63.43	52.53	41.62	30.30	66.52	71.54	68.75	65.74	61.72
Howard	59.40	58.60	54.97	46.63	41.00	28.18	60.63	62.00	61.03	64.76	57.39
Humboldt	65.16	60.54	57.81	47.01	41.12	30.32	62.64	65.20	61.52	64.95	61.76
Ida	56.70	57.29	56.15	44.78	38.99	28.28	59.28	63.32	58.60	61.59	57.59
Iowa	71.13	65.80	58.12	52.38	42.03	31.90	68.08	65.55	68.56	66.39	64.98
Jackson	61.13	60.85	60.24	51.74	42.89	29.02	62.97	67.94	67.71	67.74	59.11
Jasper	69.35	66.84	64.18	53.29	42.09	31.87	69.17	72.38	69.75	66.49	64.91

Table 5. Average (in \$) and Adjusted Average (in 2000 \$) Food Stamp Benefits Received Per Person Per Month in Iowa's Counties, 1980, 1985, 1990, 1995, and 1999-2000 (continued).

County	Average Benefits Received (in \$) Per Person Per Month						Adjusted Average Benefits Received (in 2000 \$) Per Person Per Month				
	2000	1999	1995	1990	1985	1980	1999	1995	1990	1985	1980
Jefferson	69.70	69.12	69.12	55.57	45.24	30.66	71.52	77.95	72.73	71.46	62.45
Johnson	75.03	72.81	71.12	55.22	45.86	33.25	75.34	80.20	72.27	72.44	67.72
Jones	64.72	63.80	64.57	51.44	44.29	31.50	66.02	72.82	67.32	69.96	64.16
Keokuk	63.18	61.02	60.62	52.14	42.47	28.42	63.14	68.36	68.24	67.08	57.90
Kossuth	59.69	58.08	56.98	49.00	40.27	28.45	60.10	64.27	64.13	63.62	57.94
Lee	67.58	68.57	63.08	55.36	45.83	32.35	70.95	71.14	72.46	72.39	65.89
Linn	70.37	69.43	67.45	56.59	46.69	34.44	71.84	76.07	74.06	73.76	70.15
Louisa	72.20	70.59	65.57	54.90	44.31	30.56	73.04	73.95	71.86	70.00	62.25
Lucas	64.21	58.96	62.22	52.98	41.87	29.10	61.01	70.16	69.34	66.14	59.27
Lyon	53.87	55.32	54.60	44.11	37.92	30.37	57.25	61.58	57.74	59.90	61.86
Madison	65.62	61.98	63.41	53.40	42.75	28.50	64.13	71.52	69.88	67.52	58.06
Mahaska	68.65	65.00	61.92	52.09	41.74	32.13	67.26	69.83	68.17	65.92	65.44
Marion	65.94	66.56	63.33	53.00	44.42	30.96	68.88	71.42	69.36	70.17	63.06
Marshall	69.09	68.72	65.13	55.26	44.79	32.21	71.11	73.45	72.32	70.75	65.61
Mills	71.81	69.52	65.82	52.85	42.47	29.88	71.93	74.22	69.18	67.08	60.86
Mitchell	68.40	61.85	55.83	47.36	40.09	27.10	64.00	62.96	61.98	63.32	55.19
Monona	61.81	60.13	58.00	48.83	40.51	28.56	62.22	65.41	63.91	63.99	58.17
Monroe	60.34	58.42	59.03	52.58	44.40	30.07	60.45	66.57	68.82	70.13	61.26
Montgomery	63.51	67.35	60.99	51.22	42.17	30.09	69.69	68.78	67.04	66.61	61.29
Muscatine	72.21	71.46	67.30	55.13	46.33	33.59	73.94	75.90	72.15	73.18	68.42
O'Brien	58.79	56.38	55.39	46.54	38.48	30.14	58.34	62.47	60.91	60.79	61.39
Osceola	55.70	55.58	56.98	48.57	44.59	28.90	57.51	64.26	63.57	70.44	58.87
Page	66.06	61.67	58.04	48.18	40.03	28.74	63.81	65.45	63.06	63.24	58.54
Palo Alto	54.37	55.55	55.68	45.79	40.52	28.24	57.48	62.79	59.93	64.01	57.52
Plymouth	64.69	62.67	55.47	46.10	39.68	31.62	64.85	62.55	60.34	62.68	64.41
Pocahontas	54.00	55.42	55.44	48.87	39.10	29.23	57.34	62.53	63.96	61.77	59.53
Polk	73.71	71.89	71.61	58.27	45.72	34.30	74.39	80.76	76.27	72.22	69.86
Pottawattamie	71.38	69.88	67.80	56.83	44.20	31.40	72.31	76.46	74.37	69.81	63.95
Poweshiek	63.04	65.98	64.48	51.57	42.01	31.49	68.28	72.72	67.50	66.36	64.13
Ringgold	54.54	53.18	56.76	47.56	41.02	27.35	55.03	64.02	62.25	64.79	55.71
Sac	64.23	61.33	56.82	47.08	38.67	26.39	63.46	64.08	61.62	61.08	53.75
Scott	74.36	73.39	70.10	58.83	47.56	35.70	75.94	79.06	76.99	75.13	72.72
Shelby	60.32	64.02	59.33	49.37	40.50	30.12	66.25	66.91	64.62	63.97	61.35
Sioux	62.21	59.29	54.10	42.55	36.34	28.52	61.35	61.01	55.68	57.41	58.09
Story	76.28	74.27	73.90	55.85	44.33	32.97	76.85	83.34	73.09	70.03	67.16
Tama	62.21	62.73	60.87	52.87	41.40	29.48	64.91	68.65	69.20	65.39	60.05
Taylor	63.15	61.37	54.68	45.25	41.30	26.32	63.51	61.67	59.22	65.24	53.61
Union	61.47	60.68	62.93	51.00	42.36	29.50	62.79	70.97	66.75	66.91	60.09
Van Buren	60.90	59.68	59.83	51.07	43.13	30.37	61.76	67.48	66.83	68.14	61.85
Wapello	67.01	64.55	61.80	53.84	43.69	29.06	66.79	69.70	70.47	69.01	59.20
Warren	69.55	66.20	66.00	55.31	43.86	30.75	68.50	74.43	72.39	69.28	62.63
Washington	64.73	63.73	61.09	51.85	43.32	30.53	65.94	68.89	67.86	68.42	62.19
Wayne	59.88	60.37	56.61	47.90	42.90	28.79	62.47	63.85	62.70	67.76	58.65
Webster	66.48	65.09	63.38	53.12	42.26	29.23	67.35	71.47	69.52	66.75	59.54
Winnebago	62.48	60.16	57.67	49.28	38.97	29.42	62.26	65.04	64.50	61.55	59.92
Winneshiek	57.27	59.81	55.16	48.97	40.60	30.30	61.89	62.21	64.09	64.12	61.73
Woodbury	68.07	68.18	64.33	52.43	42.83	31.13	70.55	72.55	68.62	67.65	63.42
Worth	61.58	58.57	60.18	51.09	41.99	29.90	60.60	67.87	66.87	66.33	60.89
Wright	65.93	61.86	59.95	53.84	45.98	31.34	64.01	67.61	70.47	72.64	63.83
State of Iowa	68.32	67.11	65.05	54.08	43.92	31.88	69.44	73.36	70.78	69.37	64.93

Table 6. Percentage Changes in Population, Persons Receiving Food Stamps, Adjusted Total Annual Food Stamp Benefits, and Adjusted Average Food Stamp Benefits Received Per Person Per Month in Iowa's Counties, 1980-2000.

County	Estimated Population				Persons Receiving Food Stamps				Adj. (2000 \$) Total Annual Food Stamp Benefits				Adj. (2000 \$) Avg. Food Stamp Benefits Received Per Person Per Month			
	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000
Adair	0.0	-2.0	-7.8	-13.3	-37.1	-36.0	-57.1	-16.9	-34.6	-29.2	-55.1	-5.8	3.9	10.7	4.8	13.7
Adams	-0.6	-7.9	-15.6	-21.8	-39.0	-41.7	-52.0	-8.3	-42.0	-42.0	-56.3	2.5	-5.0	-0.9	-9.2	11.6
Allamakee	3.8	5.9	0.2	-2.9	-42.7	-37.5	-60.6	-51.7	-49.7	-41.6	-64.8	-52.8	-12.1	-6.5	-10.5	-2.3
Appanoose	0.9	-0.2	-4.6	-11.5	-27.2	-22.6	-41.3	-15.8	-32.6	-28.0	-43.1	-7.8	-7.4	-6.9	-3.0	9.5
Audubon	-0.9	-6.9	-15.6	-20.2	-27.2	-34.7	-53.8	-30.1	-26.3	-32.5	-52.7	-23.6	1.8	3.7	2.4	9.4
Benton	4.0	12.8	12.4	7.0	-42.3	-48.9	-53.8	-28.0	-47.6	-53.8	-57.7	-26.7	-9.2	-9.8	-8.5	1.6
Black Hawk	4.4	3.4	-1.6	-7.2	-28.3	-29.3	-44.4	-15.3	-34.6	-33.8	-49.0	-20.1	-8.8	-6.5	-8.2	-5.6
Boone	2.6	4.1	2.8	0.2	-47.3	-38.1	-51.6	-41.1	-51.9	-39.3	-52.2	-36.4	-8.7	-1.8	-1.2	8.0
Bremer	-0.6	2.2	-1.6	-6.0	-31.8	-33.5	-62.1	-17.8	-36.6	-38.0	-63.5	-17.5	-7.0	-6.8	-3.9	0.2
Buchanan	-0.5	1.2	-3.3	-7.9	-45.9	-54.9	-70.6	-41.3	-49.8	-59.1	-73.7	-40.5	-7.4	-9.3	-10.5	1.5
Buena Vista	2.4	2.2	-0.8	-1.7	-19.0	-8.1	-16.4	33.6	-24.6	-11.2	-17.1	46.8	-6.9	-3.3	-1.0	9.8
Butler	-2.7	-2.7	-8.8	-13.4	-44.8	-45.8	-64.5	-29.0	-48.5	-49.4	-66.9	-26.9	-6.7	-6.9	-6.9	3.0
Calhoun	-3.5	-3.4	-9.9	-17.9	-23.8	-21.9	-38.4	-17.4	-26.8	-22.2	-40.8	-11.6	-4.1	-0.7	-4.1	7.0
Carroll	-0.8	0.0	-4.5	-6.7	-27.8	-26.6	-41.5	-8.7	-26.9	-26.3	-38.4	0.2	1.3	0.4	5.2	9.9
Cass	-1.7	-2.9	-10.3	-13.3	-36.1	-25.4	-37.2	-16.5	-41.1	-31.3	-41.9	-10.6	-7.9	-7.9	-7.5	6.8
Cedar	3.0	4.3	-0.1	-2.4	-46.5	-44.6	-51.9	-37.6	-51.3	-48.2	-55.2	-40.2	-9.2	-6.6	-6.9	-4.2
Cerro Gordo	-0.4	-0.6	-4.2	-4.1	-34.8	-29.4	-30.8	-22.1	-40.4	-35.3	-33.0	-19.3	-8.5	-8.4	-3.2	3.5
Cherokee	-4.3	-7.5	-14.6	-19.7	-25.4	-27.5	-44.5	-21.5	-33.8	-31.3	-43.8	-5.0	-11.3	-5.3	1.3	20.6
Chickasaw	-2.3	-1.5	-9.6	-15.2	-20.4	-28.4	-59.8	-17.7	-22.1	-31.8	-62.2	-7.6	-2.4	-4.7	-6.1	12.1
Clarke	12.1	10.2	8.9	6.0	-38.6	-24.9	-36.6	-0.4	-43.4	-27.2	-38.6	1.5	-7.7	-2.9	-3.2	1.9
Clay	-0.9	-1.2	-5.5	-11.3	-29.9	-41.5	-56.3	-33.6	-34.1	-43.3	-58.0	-31.0	-6.0	-3.0	-3.9	3.9
Clayton	-0.4	-2.0	-7.4	-11.5	-35.9	-53.3	-72.8	-59.5	-39.5	-54.3	-74.3	-62.0	-5.7	-2.0	-5.4	-6.0
Clinton	-1.4	-1.7	-6.4	-12.2	-27.1	-22.4	-38.4	31.6	-34.6	-30.5	-44.0	31.9	-10.3	-10.6	-9.0	0.2
Crawford	2.9	1.0	-7.6	-10.5	-40.3	-31.0	-28.5	13.9	-44.0	-32.6	-28.6	24.0	-6.1	-2.2	0.0	8.8
Dallas	22.3	37.0	39.3	38.1	-45.7	-43.9	-58.3	-32.4	-49.6	-43.8	-55.1	-19.0	-7.1	0.2	7.5	20.0
Davis	0.7	2.8	-2.8	-6.2	-45.0	-53.5	-68.4	-47.9	-54.9	-61.4	-72.1	-49.4	-17.8	-17.0	-11.9	-2.7
Decatur	5.1	4.2	-2.5	-11.3	-39.6	-27.2	-31.9	-4.5	-39.5	-25.3	-29.6	10.2	0.3	2.5	3.4	15.2
Delaware	0.1	2.0	-0.6	-2.8	-39.9	-46.1	-69.8	-52.3	-42.9	-48.7	-71.7	-52.0	-4.9	-4.6	-6.4	0.7
Des Moines	-0.5	-0.6	-3.4	-8.3	-19.3	-12.0	-19.4	-2.6	-24.0	-14.2	-18.3	4.9	-5.8	-2.5	1.4	7.7
Dickinson	5.4	10.2	9.1	5.1	-31.1	-25.3	-37.7	-26.4	-35.5	-22.7	-34.4	-15.0	-6.4	3.5	5.6	15.5
Dubuque	0.9	3.2	0.0	-4.9	-24.1	-33.1	-57.0	-30.9	-29.3	-37.6	-59.6	-32.4	-6.8	-6.6	-6.0	-2.1
Emmet	-1.1	-4.7	-11.1	-17.3	-42.5	-52.6	-59.4	-38.6	-48.7	-58.8	-62.1	-34.1	-10.9	-13.0	-6.4	7.2
Fayette	0.2	0.8	-5.9	-13.7	-21.3	-23.7	-46.6	16.8	-23.7	-23.0	-48.8	21.2	-3.0	0.9	-4.1	3.9
Floyd	1.9	-0.9	-8.8	-13.8	-34.3	-32.5	-47.1	-29.1	-36.5	-30.9	-45.1	-18.7	-3.3	2.3	3.7	14.7
Franklin	-2.7	-5.8	-13.7	-17.9	-51.7	-48.0	-48.6	-37.8	-57.6	-57.3	-51.5	-37.7	-12.1	-17.8	-5.8	0.0
Fremont	-0.4	-2.6	-9.3	-14.8	-29.2	-13.1	-19.4	5.3	-37.3	-17.1	-23.8	11.4	-11.4	-4.6	-5.4	5.7
Greene	3.7	3.2	-7.5	-14.5	-22.0	-2.7	-32.8	-10.0	-29.4	-8.1	-34.4	-2.1	-9.4	-5.4	-2.4	8.7
Grundy	1.2	2.8	-6.7	-13.9	-47.8	-53.1	-64.5	-38.4	-54.4	-57.4	-66.3	-37.0	-12.6	-9.4	-5.1	2.2
Guthrie	0.0	3.8	-0.6	-5.3	-36.1	-25.4	-49.7	-29.6	-36.1	-22.3	-49.9	-19.9	0.1	4.2	-0.5	13.9
Hamilton	1.3	2.3	-3.2	-8.0	-29.2	-30.8	-38.0	-41.5	-32.2	-28.4	-36.4	-33.5	-4.1	3.6	2.5	13.7
Hancock	-0.2	-4.3	-9.6	-12.5	-43.4	-56.3	-55.5	-51.5	-45.8	-54.4	-55.6	-47.9	-4.2	3.9	-0.6	7.3
Hardin	0.4	-1.5	-9.9	-13.6	-43.6	-30.9	-29.4	4.5	-44.8	-29.4	-28.8	23.7	-2.1	2.2	0.7	18.6
Harrison	3.9	6.4	1.4	-4.2	-36.9	-36.7	-43.2	-21.1	-42.2	-41.6	-46.7	-19.7	-8.4	-7.9	-6.2	1.7
Henry	2.4	5.8	7.9	7.7	-30.6	-21.9	-24.7	-2.9	-37.9	-27.3	-26.7	0.8	-10.5	-6.8	-2.6	3.8
Howard	1.9	1.3	-6.0	-10.6	-39.8	-46.4	-65.9	-40.9	-42.3	-47.6	-68.7	-38.6	-4.2	-2.7	-8.3	3.5
Humboldt	0.0	-3.5	-10.7	-15.2	-36.5	-38.1	-51.2	-31.7	-36.4	-34.4	-51.1	-28.0	-0.1	5.9	0.3	5.5
Ida	-4.4	-6.3	-10.4	-12.0	-33.0	-5.0	-30.8	-10.6	-39.7	-7.7	-36.3	-11.7	-10.5	-3.2	-7.9	-1.6
Iowa	3.4	7.1	3.9	1.6	-37.9	-27.3	-43.5	-17.5	-32.6	-24.5	-39.6	-9.7	8.5	3.8	7.1	9.5
Jackson	0.8	1.7	-5.9	-9.8	-39.5	-43.1	-59.1	-24.9	-45.6	-48.6	-63.1	-22.4	-10.0	-9.7	-9.8	3.4
Jasper	5.8	6.9	7.2	2.2	-29.5	-29.5	-52.1	-41.6	-32.4	-29.9	-50.0	-37.6	-4.2	-0.6	4.3	6.8

Table 6. Percentage Changes in Population, Persons Receiving Food Stamps, Adjusted Total Annual Food Stamp Benefits, and Adjusted Average Food Stamp Benefits Received Per Person Per Month in Iowa's Counties, 1980-2000 (cont.).

County	Estimated Population				Persons Receiving Food Stamps				Adj. (2000 \$s) Total Annual Food Stamp Benefits				Adj. (2000 \$s) Avg. Food Stamp Benefits Received Per Person Per Month			
	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000
Jefferson	-3.5	-0.8	-0.9	-0.8	-27.9	-22.4	-23.8	1.4	-35.6	-25.6	-25.6	13.2	-10.6	-4.2	-2.5	11.6
Johnson	9.7	15.5	25.4	35.8	-9.4	21.1	32.4	60.8	-15.2	25.7	37.0	78.2	-6.5	3.8	3.6	10.8
Jones	-0.6	4.0	2.9	-0.9	-38.6	-28.7	-52.9	-35.2	-45.4	-31.3	-56.4	-34.8	-11.1	-3.9	-7.5	0.9
Keokuk	-2.0	-1.9	-8.0	-11.8	-23.5	-28.3	-31.1	5.9	-29.3	-33.6	-35.1	15.7	-7.6	-7.4	-5.8	9.1
Kossuth	-5.1	-7.7	-15.9	-21.6	-40.7	-36.8	-45.1	-22.4	-44.9	-41.4	-48.5	-20.0	-7.1	-6.9	-6.2	3.0
Lee	-2.6	-1.6	-6.7	-11.7	-20.0	-19.0	-33.1	-4.6	-24.0	-24.5	-37.5	-2.2	-5.0	-6.7	-6.6	2.6
Linn	7.0	13.6	16.3	12.9	-32.1	-27.2	-41.4	-20.0	-37.2	-30.8	-44.1	-19.8	-7.5	-5.0	-4.6	0.3
Louisa	3.1	5.1	3.3	1.1	-34.4	-22.7	-37.3	-22.3	-35.9	-22.4	-35.3	-9.9	-2.4	0.5	3.1	16.0
Lucas	4.4	3.9	-3.6	-8.6	-39.5	-26.4	-47.7	-32.4	-44.7	-31.9	-49.3	-26.7	-8.5	-7.4	-2.9	8.3
Lyon	-0.6	-1.6	-5.0	-8.8	-39.1	-37.0	-56.6	-11.0	-46.8	-41.4	-61.2	-22.7	-12.5	-6.7	-10.1	-12.9
Madison	4.2	12.3	14.9	11.3	-39.7	-36.1	-51.6	-24.4	-44.6	-40.0	-52.9	-14.4	-8.3	-6.1	-2.8	13.0
Mahaska	2.3	3.7	2.2	-2.3	-24.6	-30.1	-42.2	-20.2	-25.8	-29.7	-39.9	-16.3	-1.7	0.7	4.1	4.9
Marion	3.4	6.8	8.6	8.0	-38.8	-28.9	-46.6	-26.0	-43.5	-32.4	-49.9	-22.7	-7.7	-4.9	-6.0	4.6
Marshall	1.5	2.7	-2.4	-5.6	-22.8	-12.6	-19.5	15.7	-27.4	-16.5	-21.4	21.7	-5.9	-4.5	-2.3	5.3
Mills	5.4	10.2	9.1	8.5	-38.9	-23.1	-24.1	-2.0	-40.9	-20.1	-18.8	15.7	-3.2	3.8	7.1	18.0
Mitchell	-1.8	-0.5	-4.8	-11.8	-39.0	-51.4	-67.8	-58.9	-33.6	-46.5	-65.3	-49.2	8.6	10.4	8.0	23.9
Monona	-0.5	-0.1	-7.6	-14.3	-39.9	-44.7	-53.1	-36.4	-43.2	-46.5	-54.7	-32.4	-5.5	-3.3	-3.4	6.3
Monroe	-1.9	-1.2	-6.6	-13.0	-38.9	-38.8	-46.9	-8.0	-44.6	-46.3	-54.4	-9.4	-9.4	-12.3	-14.0	-1.5
Montgomery	-1.3	-2.5	-8.3	-12.2	-23.7	10.9	-8.6	34.1	-29.6	5.0	-12.8	38.8	-7.7	-5.3	-4.7	3.6
Muscatine	1.3	4.5	3.2	3.2	-31.8	-28.5	-33.4	-12.7	-35.1	-28.4	-34.2	-7.8	-4.9	0.1	-1.3	5.5
O'Brien	-1.0	-2.2	-7.5	-11.0	-44.5	-29.6	-56.7	-26.8	-47.9	-31.9	-58.0	-29.9	-5.9	-3.5	-3.3	-4.2
Osceola	-0.7	-3.6	-9.7	-16.3	-61.8	-54.3	-76.4	-47.5	-67.0	-60.0	-81.4	-50.4	-13.3	-12.4	-20.9	-5.4
Page	1.7	0.6	-4.6	-10.9	-12.7	-16.6	-27.9	11.7	-11.9	-12.6	-24.7	26.2	0.9	4.8	4.5	12.9
Palo Alto	0.1	-4.9	-14.7	-20.2	-46.7	-55.4	-68.0	-60.2	-53.8	-59.6	-72.9	-62.5	-13.4	-9.3	-15.1	-5.5
Plymouth	2.1	6.2	4.9	0.4	-21.7	-26.2	-54.0	-29.6	-19.2	-21.1	-52.5	-29.4	3.4	7.2	3.2	0.4
Pocahontas	-4.9	-9.1	-19.4	-23.8	-28.5	-15.4	-31.8	-8.2	-38.3	-28.6	-40.4	-16.8	-13.6	-15.6	-12.6	-9.3
Polk	6.8	14.5	21.5	23.6	-34.9	-27.0	-34.2	-24.7	-40.6	-29.4	-32.8	-20.5	-8.7	-3.4	2.1	5.5
Pottawattamie	4.8	6.1	3.4	1.3	-35.0	-27.0	-22.2	-24.2	-39.3	-30.0	-20.4	-15.4	-6.7	-4.0	2.2	11.6
Poweshiek	-0.4	-1.1	-0.4	-2.5	-40.3	-31.9	-50.8	-17.1	-48.2	-36.5	-53.3	-18.7	-13.3	-6.6	-5.0	-1.7
Ringgold	2.7	0.9	-5.5	-10.5	-32.8	-33.2	-49.9	-16.1	-42.7	-41.5	-57.9	-17.7	-14.8	-12.4	-15.8	-2.1
Sac	-4.1	-6.5	-11.8	-18.3	-35.5	-26.8	-39.6	2.3	-35.3	-23.9	-36.5	21.6	0.2	4.2	5.2	19.5
Scott	1.3	5.1	2.7	-0.8	-31.6	-22.9	-26.5	18.3	-35.7	-25.5	-27.3	21.0	-5.9	-3.4	-1.0	2.2
Shelby	1.1	-0.4	-7.3	-12.4	-38.9	-23.1	-35.7	-5.5	-44.9	-28.2	-39.3	-7.5	-9.8	-6.6	-5.7	-1.7
Sioux	1.2	5.6	3.8	2.5	-38.2	-40.8	-54.4	-38.5	-37.0	-33.9	-50.7	-34.2	2.0	11.7	8.4	7.1
Story	7.8	7.7	8.0	10.6	-37.5	-19.9	-27.5	-4.3	-42.8	-16.4	-21.0	8.7	-8.5	4.4	8.9	13.6
Tama	2.0	3.9	-3.0	-7.3	-29.0	-36.5	-51.7	-40.6	-35.7	-43.0	-54.1	-38.4	-9.4	-10.1	-4.9	3.6
Taylor	-2.6	-2.2	-11.3	-16.7	-35.2	-32.8	-52.6	-32.7	-33.7	-28.5	-54.1	-20.7	2.4	6.6	-3.2	17.8
Union	-1.0	-3.5	-6.4	-11.2	-43.6	-41.7	-49.8	-15.3	-51.1	-46.3	-53.9	-13.4	-13.4	-7.9	-8.1	2.3
Van Buren	0.6	1.7	-3.8	-9.5	-15.6	-26.3	-43.3	-20.9	-23.9	-32.8	-49.3	-22.3	-9.7	-8.9	-10.6	-1.5
Wapello	1.2	1.0	-5.5	-10.4	-26.7	-21.2	-30.7	4.0	-29.5	-25.1	-32.7	17.8	-3.9	-4.9	-2.9	13.2
Warren	4.7	12.9	16.9	16.6	-50.0	-49.9	-57.3	-39.5	-53.3	-51.9	-57.1	-32.7	-6.6	-3.9	0.4	11.0
Washington	0.8	5.4	4.6	2.6	-28.5	-28.2	-25.5	13.0	-32.9	-31.5	-29.6	17.7	-6.0	-4.6	-5.4	4.1
Wayne	-1.6	-4.8	-10.5	-17.9	-30.0	-28.7	-46.9	-17.4	-34.5	-32.0	-53.1	-15.7	-6.2	-4.5	-11.6	2.1
Webster	2.5	-0.3	-5.8	-12.4	-34.8	-32.9	-38.2	-16.5	-39.4	-35.9	-38.5	-6.8	-7.0	-4.4	-0.4	11.6
Winnebago	-1.8	-3.3	-6.5	-9.9	-36.0	-34.0	-31.7	-27.0	-38.6	-36.1	-30.9	-24.2	-3.9	-3.1	1.5	4.3
Winneshiek	1.8	2.2	-0.6	-2.6	-50.0	-54.1	-71.8	-56.7	-54.0	-59.0	-74.9	-59.8	-7.9	-10.7	-10.7	-7.2
Woodbury	1.8	5.7	5.0	3.0	-22.6	-33.9	-42.4	-29.2	-27.3	-34.4	-42.1	-24.0	-6.2	-0.8	0.6	7.3
Worth	0.9	-1.0	-9.1	-12.8	-57.3	-67.6	-72.3	-68.9	-61.0	-70.0	-74.1	-68.4	-9.3	-7.9	-7.2	1.1
Wright	-0.2	0.5	-6.9	-12.2	-42.5	-39.2	-48.1	-43.7	-43.9	-43.1	-52.9	-41.8	-2.5	-6.4	-9.2	3.3
State of Iowa	3.0	5.4	3.4	0.4	-32.0	-28.5	-40.3	-17.1	-36.7	-31.0	-41.2	-12.8	-6.9	-3.5	-1.5	5.2

higher in 1985 and from 1990 through 1996. In 2000, 61 counties averaged a lower percentage of residents receiving food stamps than did the state. Thirty-five counties had less than 3 percent of their populations in the food stamp program; 10 of these were below 2 percent. Thirty-six counties in 2000 had a higher percentage of residents receiving food stamps than the state total. Only Appanoose and Wapello had more than twice the state's level. Johnson and Montgomery were the only counties that had higher percentages of their populations in the food stamp program in 2000 than in 1990.

In 1994, Decatur had 13.6 percent of its residents receiving food stamp assistance; that was the highest monthly average for any county during the 1990-2000 period. In 1985, 15.4 percent of the residents of Appanoose received food stamps; in 1980, no county had more than 10 percent obtaining this benefit.

Total Annual Benefits Received

In 2000, Iowa distributed nearly \$101 million in food stamp benefits (Table 4, Figure 2). This was \$1.6 million less than the total in 1999; greater drops occurred from 1985, 1990, and 1995 to 2000. In 2000, benefits were greater in Polk (\$14.4 million) than any other county, followed by Scott (\$9.7 million), Black Hawk (\$6.8 million), and Linn (\$5.8 million). In contrast, Osceola and Worth each reported less than \$100,000 in food stamp benefits that year.

When inflation is taken into account, total food stamp benefits decreased by \$45.3 million from 1990 to 2000 in Iowa (Table 4). Ninety-seven counties followed the statewide trend. Before the adjustment for inflation, 17 had higher benefits in 2000 than in 1990, although the state figure declined by \$10.8 million.

Average Monthly Benefits Per Person

The average amount provided in monthly benefits can be calculated by dividing the total benefits received by the number of recipients and dividing the result by 12. In 2000, each person in the food stamp program averaged a monthly benefit of \$68.32, which was \$1.21 higher than the average benefit in 1999 and significantly above those for 1980, 1985, and 1990 (Table 5, Figure 3). Iowa's counties varied significantly in the average monthly benefit received. The average of \$53.87 in Lyon was the lowest in 2000; it was one of four counties with averages of less than \$55.00. Benefits greater than \$75.00 occurred in Johnson and Story, with Story's average of \$76.28 the highest.

All counties reported higher average monthly benefits in 2000 than in 1990. The monthly benefit increased 26.3 percent in Iowa over this period. This figure can be compared against the rate of inflation, which was 30.9 percent as measured by the change in the consumer price index from 1990 to 2000. From 1990 to 2000, the inflation-adjusted figure was \$2.46 lower at the end of the period than at the beginning; this differed greatly from the gain of \$14.24 reported before inflation was taken into account (Table 5). While the actual average monthly benefits received per person increased by more than \$36 from 1980 to 2000, taking inflation into account reduced that change to less than \$4.

Changes Between Selected Years

Changes in total benefits are affected by population trends, participation in the program, and benefits provided per person. Iowa's population grew by 3.0 percent between 1995 and 2000, by 5.4 percent from 1990 to 2000, but by only 0.4 percent from 1980 to 2000 (Table 6). Population change, however, did not necessarily relate to either the direction or the magnitude of participation in the food stamp program. Adjusted average monthly food stamp benefits received per person increased over the 20-year period but not for the 5-, 10-, or 15-year periods noted in Table 6. And total adjusted benefits did not decline over the full 20 years as much as they did during shorter periods.

Variations also were evident across Iowa's counties. For example, Monona's population decreased by 0.1 percent between 1990 and 2000, but food stamp participants dropped by 44.7 percent. On the other hand, Ida had 6.3 percent fewer people and a 5.0 decline in food stamp recipients when 1990 and 2000 were compared, while Dallas had a population gain of 37.0 percent and a drop of

recipients of 43.9 percent. Change in the number of recipients had a significant impact on change in adjusted total benefits. Changes in recipients and in benefits between 1990 and 2000 were in the same direction (both up or both down) in all 99 counties, however.

Figure 1. Average number of persons receiving food stamps in Iowa, 1980–2000.

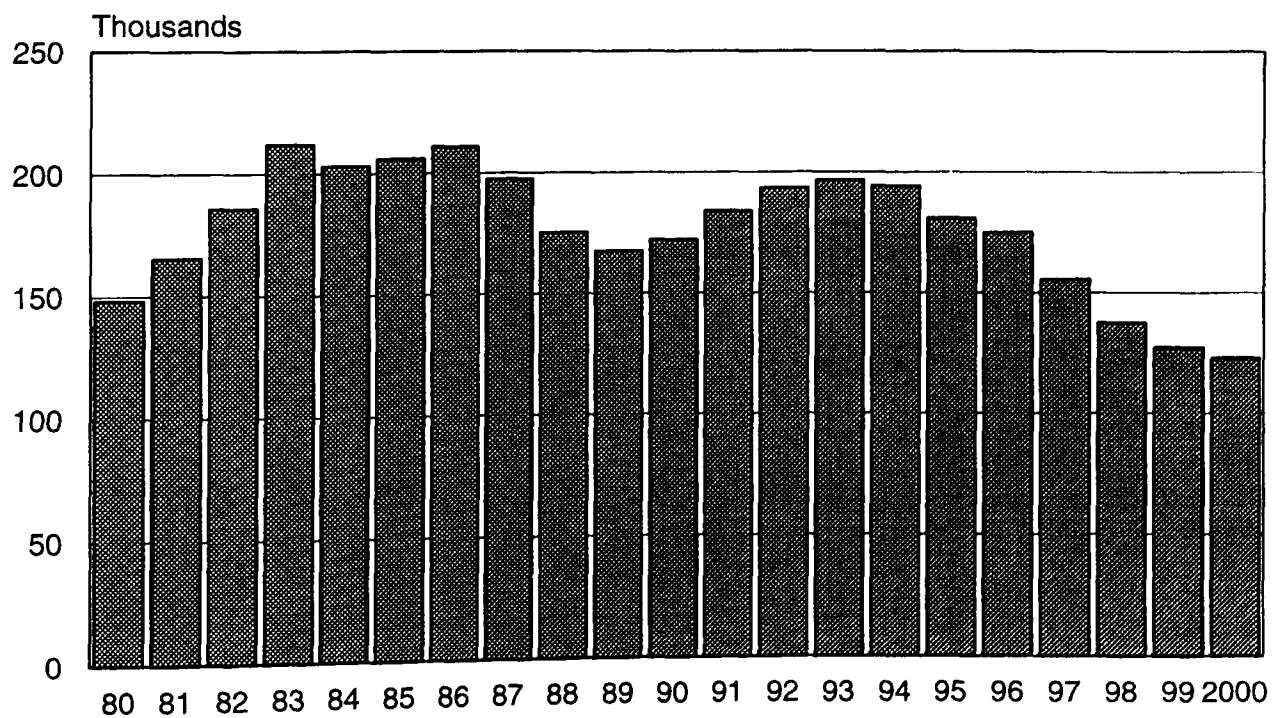


Figure 2. Total annual food stamp benefits in Iowa, 1980–2000.

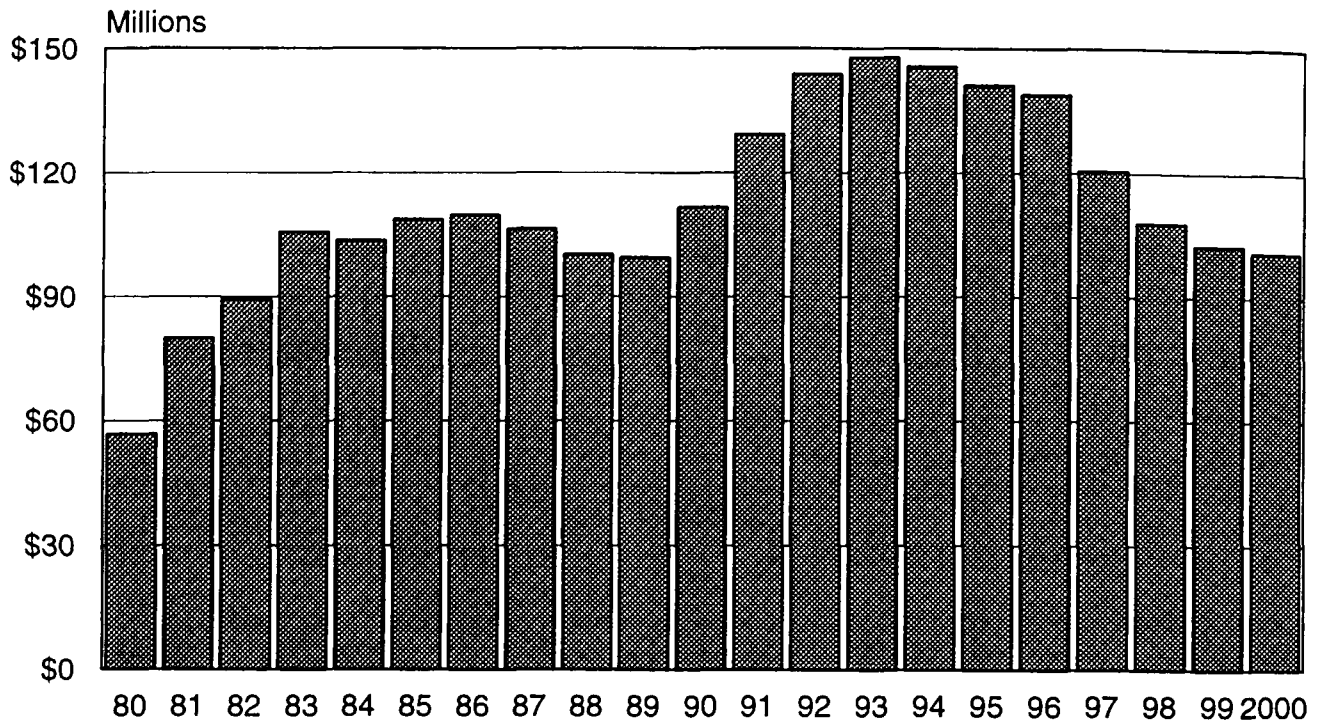
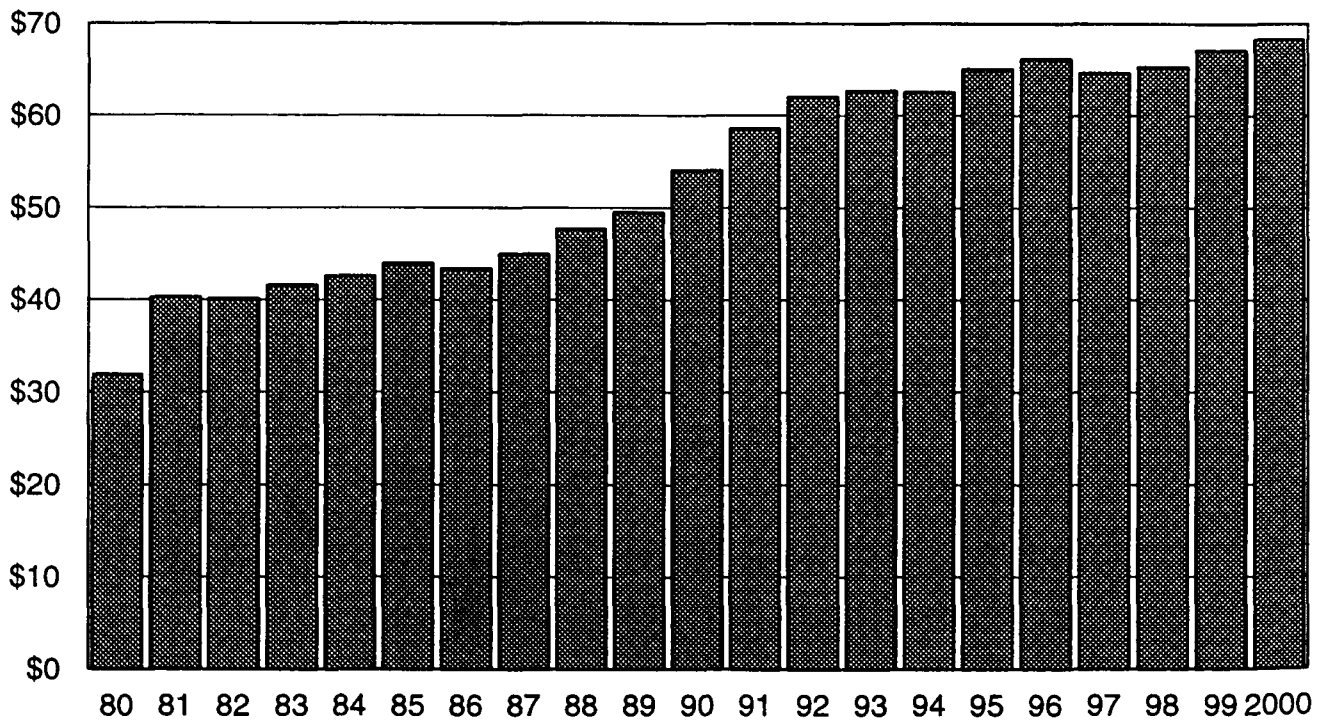


Figure 3. Average monthly food stamp benefits (in \$) per recipient in Iowa, 1980–2000.



Medical Assistance Provided Under Title XIX of the Social Security Act in Iowa's Counties: 1980, 1985, 1990, 1995, and 2000

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Medical assistance is provided to Iowans under Title XIX of the Social Security Act. Assistance is provided in a variety of areas, including in- and outpatient hospital services, skilled and intermediate care nursing facilities, and physician, clinic, laboratory, ambulance, and home health services, among others. For the most part, this program is known as Medicaid, although it also serves some others with medical needs. The Iowa Department of Human Services administers the program and maintains information on the number of persons eligible for benefits and the amount received each month. Eligibility is determined primarily on the basis of income, although other factors enter as well. For this report, averages of those eligible for benefits and actual benefits paid were calculated for selected years from 1980 through 2000; numbers from monthly reports were summed and divided by 12.

Persons Eligible for Title XIX Assistance

In 2000, Iowa averaged 210,900 persons eligible for Title XIX medical benefits each month (Table 1). There was an upward trend from 1980 to 1995 followed by a decline to 2000. Polk averaged 26,600 persons eligible for medical assistance each month in 2000, the highest of any county. Black Hawk, Linn, and Scott were the only other counties with more than 10,000. Adams, Audubon, Grundy, Ida, Osceola, and Worth were the only counties with fewer than 500 persons eligible for Title XIX assistance.

The state averaged 18,500 more persons eligible for the Title XIX program in 2000 than in 1990. Three-quarters (74) of the counties followed that pattern with more persons eligible for the program at the end of that period than at the beginning. Three (Johnson, Linn, Polk) reported at least 1,000 more persons eligible in 2000 than in 1990. Twenty-three counties had fewer than 100 more eligible in 2000 than 10 years earlier. Of the 25 counties with fewer individuals eligible in 2000 than in 1990, declines exceeded 100 in Benton, Buchanan, Butler, Davis, Union, and Worth. When the period from 1980 to 2000 was examined, increases tended to be more common than decreases.

Total Annual Title XIX Payments

More than \$1.5 billion was paid in Title XIX medical benefits in Iowa in 2000 (Table 1). This was \$400 million more than in 1995 and the highest amount of the years reported; the increase from 1980 to 2000 was \$1.3 billion. Total 2000 payments were less than \$5 million in 19 counties. In contrast, Polk's figure was nearly \$180 million. Payments in 34 others exceeded \$10 million that year.

Increases took place in all counties except Audubon when the 1990-2000 period was examined. Statewide, payments rose \$867 million across the most recent decade, an increase of 127.5 percent. Dollar increases ranged from less than \$1 million in Hamilton, Osceola, and Worth to nearly \$99 million in Polk.

When total payments were adjusted for inflation (Table 1), however, the gains, while still substantial, were not as great as when the actual figures were examined. The adjusted amount increased from \$890 million in 1990 to more than \$1.5 billion in 2000, a gain of 73.8 percent. Adjusted increases

Table 1. Statistics on Title XIX Benefits in Iowa's Counties, 1980, 1985, 1990, 1995, and 2000.

County	Average Monthly Number Eligible for Title XIX Benefits					Total Annual Title XIX Payments (in \$1,000s)					Total Adj. Annual Title XIX Payments (in 2000 \$1,000s)			
	2000	1995	1990	1985	1980	2000	1995	1990	1985	1980	1995	1990	1985	1980
Adair	523	595	445	437	396	3968	3355	1679	986	801	3784	2197	1557	1632
Adams	400	473	362	301	216	3828	1746	1028	724	359	1969	1345	1144	731
Allamakee	881	979	716	738	850	8368	5187	3012	1976	1484	5850	3942	3121	3023
Appanoose	1810	2057	1782	1790	1537	9064	6826	4425	2500	1838	7698	5791	3949	3744
Audubon	313	454	372	342	358	1205	3391	1797	927	582	3824	2352	1464	1185
Benton	1160	1440	1315	1118	911	8085	6239	3582	1674	1080	7036	4688	2644	2200
Black Hawk	13139	13931	12748	12666	9894	77016	61125	32376	16570	10469	68935	42373	26174	21324
Boone	1813	2113	1850	1895	1881	44127	38796	36179	25835	19870	43753	47351	40809	40472
Bremer	1131	1210	925	975	713	9281	6552	2741	1542	915	7389	3587	2436	1864
Buchanan	1370	1622	1547	1684	1126	8742	8412	4648	3627	1693	9487	6083	5729	3448
Buena Vista	1347	1291	979	874	840	10041	6997	3163	1724	1197	7891	4140	2723	2438
Butler	865	1145	971	936	779	6957	7307	3473	1895	1501	8241	4545	2993	3057
Calhoun	825	836	703	621	638	8595	5015	3556	1936	1286	5656	4654	3058	2619
Carroll	1366	1352	1119	820	814	16481	9281	5095	2170	1792	10467	6668	3428	3650
Cass	1184	1388	964	889	849	9618	6682	3660	2258	1483	7536	4790	3567	3021
Cedar	849	1006	897	707	766	5783	4665	2944	1306	1189	5261	3853	2063	2422
Cerro Gordo	3798	4088	3438	2697	2884	28277	19795	11917	4817	3997	22324	15597	7609	8141
Cherokee	773	917	746	676	724	6087	6159	4209	2305	1777	6946	5509	3641	3619
Chickasaw	849	892	649	637	505	5731	3840	2063	1048	760	4331	2700	1655	1548
Clarke	818	965	685	630	479	5300	4151	1783	1300	671	4681	2334	2053	1367
Clay	1121	1197	1091	1042	898	7619	6943	3924	1912	1266	7830	5136	3020	2579
Clayton	1050	1168	1060	953	952	9776	6762	3814	1956	1515	7626	4992	3090	3086
Clinton	4919	5197	4284	4035	2465	32532	22825	13223	5203	2921	25741	17306	8219	5950
Crawford	1284	1713	1356	841	827	8740	9769	4364	1772	1306	11017	5712	2799	2660
Dallas	1637	1848	1529	1564	1223	12862	8808	5109	3025	1755	9933	6687	4778	3575
Davis	578	692	717	673	555	5251	3936	2147	1086	770	4439	2810	1715	1568
Decatur	893	1189	859	726	751	5603	4846	2909	1716	1434	5465	3807	2711	2921
Delaware	996	1109	1006	1136	915	7686	4973	2847	1496	885	5608	3726	2363	1803
Des Moines	4265	4318	3692	3305	2896	24707	16152	9639	5593	3445	18216	12615	8835	7017
Dickinson	782	873	664	605	643	5044	3840	2163	1139	810	4331	2831	1799	1650
Dubuque	5716	5736	5049	5517	4292	41324	28153	15841	8847	6322	31750	20733	13975	12877
Emmet	825	930	859	840	691	7357	6563	3026	1599	1157	7402	3960	2526	2357
Fayette	1976	2019	1636	1386	1168	12838	9399	4559	2519	1647	10600	5967	3979	3355
Floyd	1510	1704	1372	1222	1084	12178	9421	4897	2264	1611	10625	6409	3576	3281
Franklin	763	872	675	540	616	6893	4161	2402	1233	1171	4693	3144	1948	2385
Fremont	786	894	627	582	538	5598	4788	2339	1278	946	5400	3061	2019	1927
Greene	853	825	629	589	575	5864	3444	1889	1060	720	3884	2472	1674	1467
Grundy	374	442	437	436	386	3247	1939	1626	997	685	2187	2128	1575	1395
Guthrie	793	970	750	749	673	5696	5042	2625	1900	1272	5686	3436	3001	2591
Hamilton	904	1093	919	768	829	3267	5137	3257	1602	1222	5793	4263	2531	2489
Hancock	657	789	578	446	521	4996	3882	2241	1070	839	4378	2933	1690	1709
Hardin	1317	1625	1127	930	976	10904	8354	4519	1994	1538	9421	5914	3150	3133
Harrison	1294	1556	1223	1023	1035	11158	9270	4562	2599	2203	10454	5971	4105	4487
Henry	1345	1566	1172	1011	948	8210	6426	4112	1844	1746	7247	5382	2913	3556
Howard	679	753	600	602	577	5247	3909	2156	1197	1118	4408	2822	1891	2277
Humboldt	629	748	607	553	503	4713	4620	2731	1233	858	5210	3574	1948	1748
Ida	418	454	340	296	310	2999	2002	1698	1018	889	2258	2222	1608	1811
Iowa	695	731	572	440	440	4593	4405	2421	1112	883	4968	3169	1757	1799
Jackson	1423	1684	1501	1561	1062	10049	7309	4047	2278	1425	8243	5297	3598	2903
Jasper	1905	2241	1891	2007	1834	17352	12927	6823	4260	2352	14579	8930	6729	4791

Table 1. Statistics on Title XIX Benefits in Iowa's Counties, 1980, 1985, 1990, 1995, and 2000 (continued).

County	Average Monthly Number Eligible for Title XIX Benefits					Total Annual Title XIX Payments (in \$1,000s)					Total Adj. Annual Title XIX Payments (in 2000 \$1,000s)			
	2000	1995	1990	1985	1980	2000	1995	1990	1985	1980	1995	1990	1985	1980
Jefferson	1276	1335	1141	842	907	7828	5850	3661	1392	1169	6597	4791	2199	2381
Johnson	4489	3846	2790	1958	1850	29971	16992	9080	3830	2521	19163	11884	6050	5135
Jones	1119	1199	1006	981	949	8395	5296	2501	1422	1142	5973	3273	2246	2326
Keokuk	1040	1086	954	754	598	6641	4809	3020	1407	953	5423	3953	2222	1941
Kossuth	973	1127	886	654	745	6937	5879	3196	1494	1206	6630	4183	2360	2456
Lee	3887	4016	3532	3388	2621	25052	17203	9397	5916	3503	19401	12299	9345	7135
Linn	11759	12444	10404	10159	8296	83413	59703	31005	15141	9176	67331	40579	23917	18690
Louisa	994	1053	832	869	792	5245	4014	2697	1392	859	4527	3530	2199	1750
Lucas	985	1106	834	886	848	5498	4382	2596	1765	1285	4942	3398	2788	2617
Lyon	601	647	445	364	309	4278	4258	2247	957	588	4802	2941	1512	1198
Madison	818	879	741	705	623	6780	5282	3099	2010	1346	5957	4056	3175	2742
Mahaska	1834	1908	1819	1541	1415	10970	8626	5383	2895	1943	9728	7045	4573	3958
Marion	1763	1950	1546	1483	1367	13346	8896	5008	2681	1720	10033	6554	4235	3503
Marshall	3475	3508	2659	2246	2284	26203	20585	6981	3552	2795	23215	9137	5611	5693
Mills	1401	1649	1428	1597	1527	51876	42865	43949	29374	20104	48342	57520	46399	40949
Mitchell	542	548	440	404	447	4307	3229	1859	1185	1056	3642	2433	1872	2151
Monona	907	1033	947	797	712	7590	5690	3651	1633	1260	6417	4778	2579	2566
Monroe	796	953	858	747	546	5914	4742	2650	1372	705	5348	3468	2167	1436
Montgomery	1168	1179	814	776	684	9106	6398	2938	1719	1093	7215	3845	2715	2226
Muscatine	3614	3869	3383	3013	2419	18734	13244	7742	3751	2761	14936	10133	5925	5624
O'Brien	892	957	697	618	653	10696	6016	3024	1592	1396	6785	3958	2515	2843
Osceola	223	311	276	273	242	1222	998	1117	721	314	1126	1462	1139	640
Page	1706	1707	1437	1275	1133	14685	8553	4505	3286	2290	9646	5896	5191	4664
Palo Alto	676	776	698	713	770	6582	4316	2689	1491	1030	4867	3519	2355	2098
Plymouth	1141	1021	904	760	768	9198	4142	3526	1585	1211	4671	4615	2504	2467
Pocahontas	607	659	487	441	475	4884	3721	2157	1095	974	4196	2823	1730	1984
Polk	26644	29154	23690	21336	21026	178979	135873	80301	42286	25270	153234	105097	66795	51471
Pottawattamie	7599	8821	7080	6219	6828	43373	36121	23002	12581	8932	40736	30105	19873	18193
Poweshiek	1079	1199	871	864	701	8432	5484	3071	1659	869	6185	4019	2621	1770
Ringgold	558	579	482	488	408	4139	2961	1863	1223	981	3339	2438	1932	1998
Sac	789	884	685	591	541	6466	4470	2806	1406	957	5041	3672	2221	1949
Scott	15336	17618	14654	12880	9843	77615	65733	34696	17012	9989	74132	45410	26872	20346
Shelby	774	883	724	538	470	6872	4597	2549	1665	951	5184	3336	2630	1937
Sioux	1301	1304	916	772	801	9752	7451	3867	2351	1516	8403	5061	3714	3088
Story	2728	3112	2228	1666	1552	21978	15008	7459	3626	2536	16926	9762	5728	5165
Tama	1027	1242	1083	956	1040	7317	6950	3771	2107	1516	7838	4935	3328	3088
Taylor	643	712	613	581	496	4018	2454	1847	1233	873	2768	2417	1948	1778
Union	1075	1409	1261	1163	966	6809	6152	3781	1931	1410	6938	4949	3050	2872
Van Buren	672	626	537	525	502	3955	2604	1613	858	481	2937	2111	1355	980
Wapello	4542	4962	4177	3824	3159	25954	18408	9811	6014	3825	20760	12841	9500	7791
Warren	1694	2072	1745	1705	1489	15170	11648	6901	4015	2699	13136	9032	6342	5497
Washington	1353	1304	1132	916	830	10982	8104	4870	2005	1318	9139	6374	3167	2685
Wayne	749	805	670	637	604	4792	3341	1974	1421	970	3768	2584	2245	1976
Webster	3813	4318	3844	3282	3292	25906	20235	11506	5794	3865	22821	15059	9152	7872
Winnebago	648	695	564	458	505	4380	4243	2415	1213	924	4785	3161	1916	1882
Winneshiek	940	1051	801	726	697	8064	5334	2833	1238	881	6016	3708	1956	1794
Woodbury	9275	9389	9357	7898	7967	61760	48999	33716	16949	10932	55260	44127	26773	22267
Worth	288	434	472	403	394	2509	2385	1571	815	571	2690	2056	1287	1163
Wright	1100	1111	832	787	892	12400	6409	2734	1657	1372	7228	3578	2617	2795
State of Iowa	210912	230139	192410	175267	157324	1547015	1146177	679920	369621	249321	1292629	889874	583850	507828

Table 2. Percentage Changes in Estimated Population, Persons Eligible, and Adjusted Total Annual Title XIX Payments in Iowa's Counties, 1980-2000.

County	Estimated Population				Persons Eligible to Receive Title XIX Payments				Adjusted (2000 \$s) Total Annual Title XIX Payments			
	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000
Adair	0.0	-2.0	-7.8	-13.3	-12.1	17.5	19.7	32.1	4.9	80.6	154.8	143.1
Adams	-0.6	-7.9	-15.6	-21.8	-15.4	10.5	32.9	85.2	94.4	184.6	234.6	423.7
Allamakee	3.8	5.9	0.2	-2.9	-10.0	23.0	19.4	3.6	43.0	112.3	168.1	176.8
Appanoose	0.9	-0.2	-4.6	-11.5	-12.0	1.6	1.1	17.8	17.7	56.5	129.5	142.1
Audubon	-0.9	-6.9	-15.6	-20.2	-31.1	-15.9	-8.5	-12.6	-68.5	-48.8	-17.7	1.7
Benton	4.0	12.8	12.4	7.0	-19.4	-11.8	3.8	27.3	14.9	72.5	205.8	267.5
Black Hawk	4.4	3.4	-1.6	-7.2	-5.7	3.1	3.7	32.8	11.7	81.8	194.2	261.2
Boone	2.6	4.1	2.8	0.2	-14.2	-2.0	-4.3	-3.6	0.9	-6.8	8.1	9.0
Bremer	0.6	2.2	-1.6	-6.0	-6.5	22.3	16.0	58.6	25.6	158.7	281.0	397.9
Buchanan	-0.5	1.2	-3.3	-7.9	-15.5	-11.4	-18.6	21.7	-7.9	43.7	52.6	153.5
Buena Vista	2.4	2.2	-0.8	-1.7	4.3	37.6	54.1	60.4	27.2	142.5	268.7	311.9
Butler	-2.7	-2.7	-8.8	-13.4	-24.5	-10.9	-7.6	11.0	-15.6	53.1	132.4	127.6
Calhoun	-3.5	-3.4	-9.9	-17.9	-1.3	17.4	32.9	29.3	52.0	84.7	181.1	228.2
Carroll	-0.8	0.0	-4.5	-6.7	1.0	22.1	66.6	67.8	57.5	147.2	380.8	351.5
Cass	-1.7	-2.9	-10.3	-13.3	-14.7	22.8	33.2	39.5	27.6	100.8	169.6	218.4
Cedar	3.0	4.3	-0.1	-2.4	-15.6	-5.4	20.1	10.8	9.9	50.1	180.3	138.8
Cerro Gordo	-0.4	-0.6	-4.2	-4.1	-7.1	10.5	40.8	31.7	26.7	81.3	271.6	247.3
Cherokee	-4.3	-7.5	-14.6	-19.7	-15.7	3.6	14.3	6.8	-12.4	10.5	67.2	68.2
Chickasaw	-2.3	-1.5	-9.6	-15.2	-4.8	30.8	33.3	68.1	32.3	112.3	246.3	270.2
Clarke	12.1	10.2	8.9	6.0	-15.2	19.4	29.8	70.8	13.2	127.1	158.2	287.7
Clay	-0.9	-1.2	-5.5	-11.3	-6.3	2.7	7.6	24.8	-2.7	48.3	152.3	195.4
Clayton	-0.4	-2.0	-7.4	-11.5	-10.1	-0.9	10.2	10.3	28.2	95.8	216.4	216.8
Clinton	-1.4	-1.7	-6.4	-12.2	-5.3	14.8	21.9	99.6	26.4	88.0	295.8	446.8
Crawford	2.9	1.0	-7.6	-10.5	-25.0	-5.3	52.7	55.3	-20.7	53.0	212.3	228.6
Dallas	22.3	37.0	39.3	38.1	-11.4	7.1	4.7	33.9	29.5	92.3	169.2	259.8
Davis	0.7	2.8	-2.8	-6.2	-16.5	-19.4	-14.1	4.1	18.3	86.9	206.2	234.9
Decatur	5.1	4.2	-2.5	-11.3	-24.9	4.0	23.0	18.9	2.5	47.2	106.7	91.8
Delaware	0.1	2.0	-0.6	-2.8	-10.2	-1.0	-12.3	8.9	37.1	106.3	225.3	326.3
Des Moines	-0.5	-0.6	-3.4	-8.3	-1.2	15.5	29.0	47.3	35.6	95.9	179.6	252.1
Dickinson	5.4	10.2	9.1	5.1	-10.4	17.8	29.3	21.6	16.5	78.2	180.4	205.7
Dubuque	0.9	3.2	0.0	-4.9	-3	13.2	3.6	33.2	30.2	99.3	195.7	220.9
Emmet	-1.1	-4.7	-11.1	-17.3	-11.3	-4.0	-1.8	19.4	-0.6	85.8	191.3	212.1
Fayette	0.2	0.8	-5.9	-13.7	-2.1	20.8	42.6	69.2	21.1	115.1	222.6	282.7
Floyd	1.9	-0.9	-8.8	-13.8	-11.4	10.1	23.6	39.3	14.6	90.0	240.5	271.2
Franklin	-2.7	-5.8	-13.7	-17.9	-12.5	13.0	41.3	23.9	46.9	119.2	253.9	189.0
Fremont	-0.4	-2.6	-9.3	-14.8	-12.1	25.4	35.1	46.1	3.7	82.9	177.3	190.5
Greene	3.7	3.2	-7.5	-14.5	3.4	35.6	44.8	48.3	51.0	137.2	250.3	299.7
Grundy	1.2	2.8	-6.7	-13.9	-15.4	-14.4	-14.2	-3.1	48.5	52.6	106.2	132.8
Guthrie	0.0	3.8	-0.6	-5.3	-18.2	5.7	5.9	17.8	0.2	65.8	89.8	119.8
Hamilton	1.3	2.3	-3.2	-8.0	-17.3	-1.6	17.7	9.0	-43.6	-23.4	29.1	31.3
Hancock	-0.2	-4.3	-9.6	-12.5	-16.7	13.7	47.3	26.1	14.1	70.3	195.6	192.3
Hardin	0.4	-1.5	-9.9	-13.6	-19.0	16.9	41.6	34.9	15.7	84.4	246.2	248.0
Harrison	3.9	6.4	1.4	-4.2	-16.8	5.8	26.5	25.0	6.7	86.9	171.8	148.7
Henry	2.4	5.8	7.9	7.7	-14.1	14.8	33.0	41.9	13.3	52.5	181.8	130.9
Howard	1.9	1.3	-6.0	-10.6	-9.8	13.2	12.8	17.7	19.0	85.9	177.5	130.4
Humboldt	0.0	-3.5	-10.7	-15.2	-15.9	3.6	13.7	25.0	-9.5	31.9	141.9	169.6
Ida	-4.4	-6.3	-10.4	-12.0	-7.9	22.9	41.2	34.8	32.8	35.0	86.5	65.6
Iowa	3.4	7.1	3.9	1.6	-4.9	21.5	58.0	58.0	-7.5	44.9	161.4	155.3
Jackson	0.8	1.7	-5.9	-9.8	-15.5	-5.2	-8.8	34.0	21.9	89.7	179.3	246.2
Jasper	5.8	6.9	7.2	2.2	-15.0	0.7	-5.1	3.9	19.0	94.3	157.9	262.2

Table 2. Percentage Changes in Estimated Population, Persons Eligible, and Adjusted Total Annual Title XIX Payments in Iowa's Counties, 1980-2000 (continued).

County	Estimated Population				Persons Eligible to Receive Title XIX Payments				Adjusted (2000 \$s) Total Annual Title XIX Payments			
	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000	1995-2000	1990-2000	1985-2000	1980-2000
Jefferson	-3.5	-0.8	-0.9	-.8	-4.4	11.8	51.5	40.7	18.7	63.4	256.0	228.8
Johnson	9.7	15.5	25.4	35.8	16.7	60.9	129.3	142.6	56.4	152.2	395.4	483.7
Jones	-0.6	4.0	2.9	-0.9	-6.7	11.2	14.1	17.9	40.5	156.5	273.8	260.9
Keokuk	-2.0	-1.9	-8.0	-11.8	-4.2	9.0	37.9	73.9	22.5	68.0	198.9	242.1
Kossuth	-5.1	-7.7	-15.9	-21.6	-13.7	9.8	48.8	30.6	4.6	65.8	193.9	182.5
Lee	-2.6	-1.6	-6.7	-11.7	-3.2	10.1	14.7	48.3	29.1	103.7	168.1	251.1
Linn	7.0	13.6	16.3	12.9	-5.5	13.0	15.7	41.7	23.9	105.6	248.8	346.3
Louisa	3.1	5.1	3.3	1.1	-5.6	19.5	14.4	25.5	15.9	48.6	138.5	199.7
Lucas	4.4	3.9	-3.6	-8.6	-10.9	18.1	11.2	16.2	11.3	61.8	97.2	110.1
Lyon	-0.6	-1.6	-5.0	-8.8	-7.1	35.1	65.1	94.5	-10.9	45.5	182.9	257.1
Madison	4.2	12.3	14.9	11.3	-6.9	10.4	16.0	31.3	13.8	67.2	113.5	147.3
Mahaska	2.3	3.7	2.2	-2.3	-3.9	0.8	19.0	29.6	12.8	55.7	139.9	177.2
Marion	3.4	6.8	8.6	8.0	-9.6	14.0	18.9	29.0	33.0	103.6	215.1	281.0
Marshall	1.5	2.7	-2.4	-5.6	-0.9	30.7	54.7	52.1	12.9	186.8	367.0	360.3
Mills	5.4	10.2	9.1	8.5	-15.0	-1.9	-12.3	-8.3	7.3	-9.8	11.8	26.7
Mitchell	-1.8	-0.5	-4.8	-11.8	-1.1	23.2	34.2	21.3	18.3	77.0	130.1	100.2
Monona	-0.5	-0.1	-7.6	-14.3	-12.2	-4.2	13.8	27.4	18.3	58.9	194.3	195.8
Monroe	-1.9	-1.2	-6.6	-13.0	-16.5	-7.2	6.6	45.8	10.6	70.5	172.9	311.8
Montgomery	-1.3	-2.5	-8.3	-12.2	-.9	43.5	50.5	70.8	26.2	136.8	235.4	309.1
Muscatine	1.3	4.5	3.2	3.2	-6.6	6.8	19.9	49.4	25.4	84.9	216.2	233.1
O'Brien	-1.0	-2.2	-7.5	-11.0	-6.8	28.0	44.3	36.6	57.6	170.2	325.3	276.2
Osceola	-0.7	-3.6	-9.7	-16.3	-28.3	-19.2	-18.3	-7.9	8.5	-16.4	7.3	90.9
Page	1.7	0.6	-4.6	-10.9	-0.1	18.7	33.8	50.6	52.2	149.1	182.9	214.9
Palo Alto	0.1	-4.9	-14.7	-20.2	-12.9	-3.2	-5.2	-12.2	35.2	87.0	179.5	213.7
Plymouth	2.1	6.2	4.9	0.4	11.8	26.2	50.1	48.6	96.9	99.3	267.3	272.8
Pocahontas	-4.9	-9.1	-19.4	-23.8	-7.9	24.6	37.6	27.8	16.4	73.0	182.3	146.2
Polk	6.8	14.5	21.5	23.6	-8.6	12.5	24.9	26.7	16.8	70.3	168.0	247.7
Pottawattamie	4.8	6.1	3.4	1.3	-13.9	7.3	22.2	11.3	6.5	44.1	118.3	138.4
Poweshiek	-0.4	-1.1	-0.4	-2.5	-10.0	23.9	24.9	53.9	36.3	109.8	221.7	376.4
Ringgold	2.7	0.9	-5.5	-10.5	-3.6	15.8	14.3	36.8	24.0	69.8	114.2	107.2
Ringgold	2.7	0.9	-5.5	-10.5	-3.6	15.8	14.3	36.8	24.0	69.8	114.2	107.2
Sac	-4.1	-6.5	-11.8	-18.3	-10.7	15.2	33.5	45.8	28.3	76.1	191.1	231.8
Scott	1.3	5.1	2.7	-0.8	-13.0	4.7	19.1	55.8	4.7	70.9	188.8	281.5
Shelby	1.1	-0.4	-7.3	-12.4	-12.3	6.9	43.9	64.7	32.6	106.0	161.3	254.8
Sioux	1.2	5.6	3.8	2.5	-0.2	42.0	68.5	62.4	16.1	92.7	162.6	215.8
Sioux	1.2	5.6	3.8	2.5	-0.2	42.0	68.5	62.4	16.1	92.7	162.6	215.8
Story	7.8	7.7	8.0	10.6	-12.3	22.4	63.7	75.8	29.8	125.1	283.7	325.5
Story	7.8	7.7	8.0	10.6	-12.3	22.4	63.7	75.8	29.8	125.1	283.7	325.5
Tama	2.0	3.9	-3.0	-7.3	-17.3	-5.2	7.4	-1.3	-6.6	48.3	119.9	136.9
Tama	2.0	3.9	-3.0	-7.3	-17.3	-5.2	7.4	-1.3	-6.6	48.3	119.9	136.9
Taylor	-2.6	-2.2	-11.3	-16.7	-9.7	4.9	10.7	29.6	45.2	66.2	106.3	126.0
Taylor	-2.6	-2.2	-11.3	-16.7	-9.7	4.9	10.7	29.6	45.2	66.2	106.3	126.0
Union	-1.0	-3.5	-6.4	-11.2	-23.7	-14.8	-7.6	11.3	-1.9	37.6	123.2	137.1
Union	-1.0	-3.5	-6.4	-11.2	-23.7	-14.8	-7.6	11.3	-1.9	37.6	123.2	137.1
Van Buren	0.6	1.7	-3.8	-9.5	7.3	25.1	28.0	33.9	34.7	87.4	191.9	303.6
Van Buren	0.6	1.7	-3.8	-9.5	7.3	25.1	28.0	33.9	34.7	87.4	191.9	303.6
Wapello	1.2	1.0	-5.5	-10.4	-8.5	8.7	18.8	43.8	25.0	102.1	173.2	233.1
Wapello	1.2	1.0	-5.5	-10.4	-8.5	8.7	18.8	43.8	25.0	102.1	173.2	233.1
Warren	4.7	12.9	16.9	16.6	-18.2	-2.9	-0.6	13.8	15.5	68.0	139.2	176.0
Warren	4.7	12.9	16.9	16.6	-18.2	-2.9	-0.6	13.8	15.5	68.0	139.2	176.0
Washington	0.8	5.4	4.6	2.6	3.8	19.5	47.7	63.0	20.2	72.3	246.8	309.0
Washington	0.8	5.4	4.6	2.6	3.8	19.5	47.7	63.0	20.2	72.3	246.8	309.0
Wayne	-1.6	-4.8	-10.5	-17.9	-7.0	11.8	17.6	24.0	27.2	85.4	113.5	142.5
Wayne	-1.6	-4.8	-10.5	-17.9	-7.0	11.8	17.6	24.0	27.2	85.4	113.5	142.5
Wayne	-1.6	-4.8	-10.5	-17.9	-7.0	11.8	17.6	24.0	27.2	85.4	113.5	142.5
Webster	2.5	-0.3	-5.8	-12.4	-11.7	-0.8	16.2	15.8	13.5	72.0	183.1	229.1
Webster	2.5	-0.3	-5.8	-12.4	-11.7	-0.8	16.2	15.8	13.5	72.0	183.1	229.1
Webster	2.5	-0.3	-5.8	-12.4	-11.7	-0.8	16.2	15.8	13.5	72.0	183.1	229.1
Winnebago	-1.8	-3.3	-6.5	-9.9	-6.8	14.9	41.5	28.3	-8.5	38.6	128.6	132.7
Winnebago	-1.8	-3.3	-6.5	-9.9	-6.8	14.9	41.5	28.3	-8.5	38.6	128.6	132.7
Winnebago	-1.8	-3.3	-6.5	-9.9	-6.8	14.9	41.5	28.3	-8.5	38.6	128.6	132.7
Winneshiek	1.8	2.2	-0.6	-2.6	-10.6	17.4	29.5	34.9	34.0	117.5	312.3	349.5
Winneshiek	1.8	2.2	-0.6	-2.6	-10.6	17.4	29.5	34.9	34.0	117.5	312.3	349.5
Winneshiek	1.8	2.2	-0.6	-2.6	-10.6	17.4	29.5	34.9	34.0	117.5	312.3	349.5
Woodbury	1.8	5.7	5.0	3.0	-1.2	-0.9	17.4	16.4	11.8	40.0	130.7	177.4
Woodbury	1.8	5.7	5.0	3.0	-1.2	-0.9	17.4	16.4	11.8	40.0	130.7	177.4
Woodbury	1.8	5.7	5.0	3.0	-1.2	-0.9	17.4	16.4	11.8	40.0	130.7	177.4
Worth	0.9	-1.0	-9.1	-12.8	-33.6	-39.0	-28.5	-26.9	-6.7	22.0	94.9	115.7
Worth	0.9	-1.0	-9.1	-12.8	-33.6	-39.0	-28.5	-26.9	-6.7	22.0	94.9	115.7
Worth	0.9	-1.0	-9.1	-12.8	-33.6	-39.0	-28.5	-26.9	-6.7	22.0	94.9	115.7
Wright	-0.2	0.5	-6.9	-12.2	-1.0	32.2	39.8	23.3	71.6	246.6	373.8	343.6
Wright	-0.2	0.5	-6.9	-12.2	-1.0	32.2	39.8	23.3	71.6	246.6	373.8	343.6
Wright	-0.2	0.5	-6.9	-12.2	-1.0	32.2	39.8	23.3	71.6	246.6	373.8	343.6
State of Iowa	3.0	5.4	3.4	0.4	-8.4	9.6	20.3	34.1	19.7	73.8	165.0	204.6

ranged from less than \$1 million in Cherokee, Ida, and Worth to \$74 million in Polk. Five (Audubon, Boone, Hamilton, Mills, Osceola) noted declines in total payments after adjusting for inflation.

Change in Selected Title XIX Figures

The number eligible for Title XIX benefits decreased by 8.4 percent between 1995 and 2000, compared with an increase of 19.7 percent in adjusted total benefits (Table 2). When 10-, 15-, and 20-year periods were examined, gains occurred in the number eligible for benefits; however, adjusted payments increased far more rapidly. Changes differed across the counties, of course. For example, Buena Vista, Greene, Johnson, Montgomery, and Wright experienced relatively great percentage gains in both those eligible and total payments from 1990 to 2000. On the other hand, while payments in Benton, Butler, Davis, and Grundy increased by at least 50.0 percent, their numbers eligible declined by more than 10.0 percent in the 1990s. Other combinations are evident when the data are examined in detail.

Note: Eligibility requirements for the medical assistance program may vary by year because of revisions in federal codes. Thus, caution is urged in examining changes.

The Family Investment Program in Iowa's Counties: 1980, 1985, and 1990-2000

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The Iowa Department of Human Services maintains information on the number of families and persons receiving assistance each month in the Family Investment Program (FIP), which formerly was called the Aid to Families With Dependent Children (AFDC) program. To be eligible for the program, a family must have very low assets and income and have at least one dependent child. In Iowa, both one- and two-parent families can qualify for the FIP if they meet the guidelines for assets, income, incapacitation, or unemployment. Families qualify for assistance in either the regular program or the unemployed-parent program. Most families are in the regular program, but there are provisions in the FIP regulations that allow aid to families in which the main worker becomes unemployed. Each family served constitutes a case in the data system maintained by the Department of Human Services; because numbers of people assisted varies across cases, information on the total number receiving benefits also is provided.

For this report, calendar-year monthly averages were computed for cases and recipients in both the regular and unemployed-parent program. Two cautions are noted for using these data. Federal and state changes in the eligibility for these programs affect year-to-year comparisons and decade trends; particularly important are legislative mandates limiting eligibility that occurred in recent years.

Regular Family Investment Cases and Recipients

Iowa averaged nearly 35,700 regular FIP cases monthly in 1994, which was the highest number in the period examined (Table 1). These cases decreased dramatically with new legislation that limited eligibility; 18,217 cases were reported per month in 2000. Thirty-four counties averaged fewer than 50 cases each month. Four others (Black Hawk, Linn, Polk, Scott) recorded averages above 1,000, with Polk's 2,849 the highest. The decrease in regular FIP cases occurring from 1999 to 2000 was the sixth consecutive decline since 1994. A comparison of 1990 with 2000 reveals that Iowa had 14,000 fewer regular cases at the end of the period than at the beginning. All 99 counties also had fewer cases in 2000 than in 1990.

Most FIP cases serve more than one individual, of course. The average number of Iowans receiving benefits in the regular FIP each month in 2000 was 46,307 (Table 1). This figure was substantially lower than the other years examined and represented a decrease of 4,824 from 1999. More than 100,000 persons were in the program each month, on average, in both 1985 and 1986 (Figure 1).

Polk County averaged nearly 7,300 FIP recipients monthly in the regular program in 2000, the highest number for any county. The only other county above 5,000 that year was Scott. These two counties alone accounted for more than a quarter (26.6%) of Iowa's average monthly regular FIP recipients. Eighty-three counties had fewer than 500 recipients in 2000, although only 25 were below 100.

Iowa had 42,300 fewer persons receiving regular FIP payments each month, on average, in 2000 than in 1990. All counties followed this trend. Black Hawk, Clinton, Linn, Polk, Pottawattamie, Scott, and Woodbury dropped by more than 1,000; most counties (70) declined by 100 to 1,000 recipients.

Table 1. Average Monthly Number of Regular Family Investment Program Cases and Recipients in Iowa's Counties, 1980, 1985, and 1990-2000.

County	Average Monthly Number of Regular Family Investment Program Cases													Average Monthly Number of Regular Family Investment Program Recipients												
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	27	28	39	49	50	50	50	56	57	49	46	66	66	64	74	99	129	142	138	136	151	158	146	133	201	183
Adams	17	21	29	33	47	47	53	47	48	43	36	40	35	40	50	75	95	138	137	160	128	143	122	115	126	99
Allamakee	32	37	53	68	78	86	84	84	81	67	72	108	144	79	94	136	183	203	237	237	231	223	178	204	310	405
Appanoose	153	191	204	240	259	266	273	274	290	297	300	307	306	397	499	541	618	667	692	686	710	784	814	801	929	878
Audubon	20	23	30	30	34	37	42	37	41	42	36	47	59	52	59	81	72	84	92	113	103	115	125	108	135	162
Benton	103	104	139	151	158	183	219	216	225	216	225	207	182	248	240	334	386	393	468	573	571	601	599	642	591	506
Black Hawk	1498	1616	1814	2026	2265	2447	2629	2539	2549	2526	2550	2888	2728	3839	4210	4660	5194	5811	6371	6980	6788	6799	6859	7047	8343	6971
Boone	83	101	126	156	188	219	245	252	248	228	209	260	285	201	264	324	415	499	591	656	677	655	590	536	732	749
Bremer	70	80	86	97	121	142	166	148	126	131	122	174	168	169	178	194	223	306	369	427	380	316	336	316	497	416
Buchanan	88	110	140	150	181	202	223	235	242	248	236	282	260	210	281	372	389	461	525	606	623	647	676	634	826	725
Buena Vista	96	118	117	125	133	147	157	154	157	137	127	153	162	245	306	306	317	331	377	393	400	404	352	328	444	433
Butler	59	59	72	85	98	106	110	102	123	131	122	131	124	149	149	190	229	253	284	297	272	337	377	335	378	338
Calhoun	47	48	47	52	73	79	98	90	92	86	79	93	114	111	108	113	133	174	200	246	227	240	238	232	263	305
Carroll	66	72	77	92	110	124	128	128	122	122	114	109	131	161	186	201	237	281	323	340	339	324	327	317	302	353
Cass	77	82	90	112	134	160	178	170	148	138	137	141	173	180	193	219	284	347	417	489	485	407	370	373	393	463
Cedar	55	77	82	98	108	121	142	124	125	121	122	118	160	138	197	200	236	258	297	346	308	315	320	336	333	419
Cerro Gordo	219	259	310	359	442	489	570	561	558	539	539	527	627	527	634	768	883	1086	1215	1429	1411	1449	1418	1449	1500	1647
Cherokee	59	54	53	67	87	104	113	92	91	97	86	108	138	146	131	124	164	211	249	286	240	250	274	231	315	373
Chickasaw	53	49	42	62	66	77	92	84	75	73	80	98	101	130	120	105	154	169	205	239	208	193	194	214	280	264
Clarke	51	64	77	92	111	126	135	111	105	90	97	94	97	126	162	196	242	303	343	358	303	293	250	282	278	273
Clay	83	88	95	96	110	128	146	152	162	159	154	198	189	201	228	232	242	273	315	364	380	424	419	406	556	472
Clayton	39	44	48	53	58	71	85	89	105	109	102	134	159	91	108	113	130	142	191	234	243	286	307	304	399	450
Clinton	483	552	576	648	729	829	901	925	887	866	834	808	643	1194	1395	1459	1604	1817	2097	2295	2367	2263	2268	2226	2266	1673
Crawford	94	114	119	130	157	185	191	168	164	166	162	154	166	220	280	316	344	415	492	516	467	456	459	441	418	447
Dallas	97	115	151	172	214	264	283	292	298	276	275	319	290	236	305	385	429	533	701	766	765	779	741	741	934	773
Davis	31	35	51	61	64	85	94	90	87	85	100	99	84	80	92	121	157	161	218	253	243	237	223	270	301	237
Decatur	59	60	84	95	114	113	124	121	124	114	104	105	118	137	132	202	247	297	289	327	322	319	295	264	294	344
Delaware	63	82	80	93	113	111	113	120	122	119	131	167	171	156	200	208	237	288	304	324	347	338	344	386	531	484
Des Moines	454	492	582	605	620	665	730	732	705	685	674	724	657	1158	1287	1525	1572	1612	1755	1931	1970	1900	1887	1893	2092	1814
Dickinson	50	61	69	71	78	92	96	76	82	91	91	114	147	117	148	166	172	187	224	239	197	200	233	237	331	395
Dubuque	455	520	567	565	592	614	749	751	761	749	769	971	890	1161	1356	1475	1477	1541	1613	1992	1997	2024	2020	2090	2875	2470
Emmet	42	45	49	56	66	77	96	101	101	106	115	142	146	108	116	134	148	177	209	258	272	274	300	319	426	407
Fayette	140	153	169	189	223	219	253	265	248	236	203	213	227	373	406	439	506	586	574	691	719	680	651	573	615	602

Table 1. Average Monthly Number of Regular Family Investment Program Cases and Recipients in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	Average Monthly Number of Regular Family Investment Program Cases													Average Monthly Number of Regular Family Investment Program Recipients												
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Floyd	104	122	138	142	163	183	215	191	190	191	200	202	210	270	317	357	364	412	474	581	518	504	516	531	575	552
Franklin	37	39	51	64	67	82	94	81	86	79	84	82	126	87	102	132	161	182	222	248	215	222	212	217	228	348
Fremont	58	57	71	75	95	109	124	108	92	87	84	95	102	149	151	181	206	247	298	340	297	255	235	233	280	289
Greene	55	65	67	73	85	99	107	92	81	83	82	93	112	123	145	166	183	210	257	283	248	218	215	220	265	305
Grundy	25	32	36	45	55	55	57	65	68	67	63	65	73	55	82	91	113	136	136	145	180	185	181	174	195	194
Guthrie	45	42	48	54	76	91	114	115	116	108	93	105	127	116	108	126	139	195	234	307	306	308	282	260	317	371
Hamilton	69	66	73	85	98	110	143	144	134	132	117	131	175	167	167	187	215	233	274	369	375	344	340	298	354	460
Hancock	35	34	47	51	64	69	87	83	84	73	80	78	101	80	83	119	132	173	187	244	235	235	199	201	222	287
Hardin	88	92	103	135	153	183	218	209	197	174	165	160	194	209	224	256	328	374	445	563	526	479	427	407	443	516
Harrison	66	82	111	131	140	153	167	165	172	156	150	176	224	165	202	283	339	353	398	445	452	467	445	409	518	595
Henry	87	100	128	149	168	194	225	203	188	169	165	170	177	196	228	299	369	406	482	563	530	479	444	432	484	478
Howard	35	32	33	40	43	48	59	60	63	50	54	78	72	89	85	82	112	103	122	157	154	178	143	154	230	205
Humboldt	43	41	43	49	59	63	74	74	69	64	65	86	102	108	109	118	125	159	176	211	214	198	175	170	241	259
Ida	26	32	34	41	42	48	43	41	45	42	29	46	46	60	76	91	102	102	110	101	103	119	113	75	131	121
Iowa	39	47	50	55	70	72	89	74	69	69	73	71	82	99	115	127	134	182	181	227	188	164	165	180	191	210
Jackson	92	114	124	151	161	188	219	205	204	222	220	241	203	223	284	298	368	408	475	573	534	520	576	574	705	564
Jasper	157	162	187	205	251	283	306	325	315	300	291	415	408	372	386	451	508	625	714	765	826	803	783	739	1152	1110
Jefferson	102	119	133	147	157	173	195	172	168	175	169	149	195	249	300	329	364	381	432	494	457	435	466	448	433	499
Johnson	373	406	414	494	545	571	599	550	492	465	455	452	469	960	1058	1061	1235	1364	1431	1556	1432	1267	1108	1187	1246	1142
Jones	77	82	92	112	132	153	157	152	139	136	145	197	193	193	212	259	297	337	397	421	412	376	367	390	541	503
Keokuk	66	75	93	111	116	115	138	143	133	145	137	102	106	180	208	256	299	310	302	359	385	346	390	380	316	273
Kossuth	49	54	74	79	87	104	124	117	120	119	116	99	152	123	135	192	201	231	278	330	316	316	303	298	296	423
Lee	404	448	493	543	577	601	695	684	699	704	663	685	633	1005	1139	1251	1394	1504	1564	1871	1857	1888	1932	1830	1944	1729
Linn	1127	1235	1414	1541	1701	1824	2090	2050	2044	1996	1924	2272	2100	2879	3159	3545	3903	4321	4718	5403	5288	5265	5248	5128	6538	5553
Louisia	94	99	109	126	138	164	177	170	169	151	135	150	182	244	246	274	328	372	431	469	462	464	424	385	449	512
Lucas	82	89	106	122	135	147	144	124	129	130	122	143	159	202	220	270	310	353	390	372	327	339	344	320	421	465
Lyon	33	35	37	40	53	54	55	53	45	38	42	49	49	83	87	88	95	138	137	145	143	129	112	131	142	133
Madison	39	45	42	50	62	79	95	96	95	103	95	98	105	89	102	105	113	148	205	261	244	238	268	262	262	273
Mahaska	152	169	198	215	231	255	278	264	269	278	274	279	309	405	452	519	556	589	635	708	682	694	732	718	801	819
Marion	119	132	138	150	196	243	281	271	256	237	230	262	297	289	340	363	399	507	631	730	724	690	630	620	766	810
Marshall	314	337	380	413	446	480	558	548	533	481	455	418	485	800	896	999	1093	1169	1256	1516	1485	1440	1311	1238	1272	1324
Mills	84	103	122	151	170	192	201	163	150	136	137	142	171	222	270	306	391	443	486	539	433	391	360	370	441	478
Mitchell	20	23	27	35	41	43	60	58	60	59	48	57	63	50	57	67	90	99	103	146	144	153	152	118	143	160

Table 1. Average Monthly Number of Regular Family Investment Program Cases and Recipients in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	Average Monthly Number of Regular Family Investment Program Cases													Average Monthly Number of Regular Family Investment Program Recipients												
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Monona	38	34	50	60	69	86	107	111	124	134	125	119	136	93	89	117	133	164	210	270	293	333	358	332	348	367
Monroe	56	56	62	73	85	105	126	112	116	123	123	123	104	128	135	148	179	211	274	342	305	312	345	347	342	286
Montgomery	81	100	110	128	129	142	147	158	153	139	124	144	147	202	261	290	348	332	377	374	392	396	371	337	387	396
Muscatine	372	390	432	501	545	608	645	620	625	623	615	666	604	970	1016	1105	1281	1383	1600	1739	1715	1756	1753	1734	1896	1611
O'Brien	43	48	59	61	69	82	86	82	80	71	65	78	95	98	116	148	147	171	206	218	212	211	186	175	224	249
Osceola	15	19	19	27	33	34	37	31	29	30	28	37	46	41	54	50	74	92	102	111	95	87	92	87	113	122
Page	132	137	145	167	179	183	208	198	202	209	208	222	222	354	357	366	408	455	483	554	517	543	568	573	602	582
Palo Alto	25	26	30	45	44	54	71	66	70	66	68	101	122	59	70	77	108	109	143	190	192	211	194	200	294	338
Plymouth	66	78	81	90	98	103	110	95	96	108	98	124	144	167	195	199	209	233	247	268	237	237	271	257	330	379
Pocahontas	45	53	48	49	48	48	62	61	73	67	60	71	73	117	141	126	130	125	132	174	167	193	190	148	192	207
Polk	2849	3027	3490	3938	4458	5114	5801	5654	5681	5348	4919	5159	5293	7287	7801	8944	10255	11616	13471	15616	15220	15308	14605	13706	14672	14704
Pottawattamie	780	821	921	1079	1252	1443	1640	1603	1549	1505	1393	1431	1885	2016	2164	2419	2826	3332	3872	4453	4385	4229	4123	3860	4099	5213
Poweshiek	65	88	99	113	123	143	174	155	156	146	131	150	141	165	230	254	277	314	376	458	401	398	394	366	425	377
Ringgold	27	35	38	45	51	52	52	51	51	51	56	63	63	60	80	96	113	127	135	135	126	126	138	145	188	169
Sac	34	41	47	57	71	80	91	82	88	83	78	87	95	90	106	119	146	186	201	231	214	230	219	217	244	248
Scott	1883	2044	2212	2578	2997	3347	3605	3475	3426	3274	3123	3008	2647	5047	5443	5828	6837	8006	8967	9693	9445	9440	9173	8899	8962	7330
Shelby	42	53	60	71	84	82	76	73	69	76	75	84	82	106	124	147	172	212	212	196	189	185	201	200	241	211
Sioux	57	56	60	72	88	91	96	80	81	79	78	88	122	138	149	152	186	232	236	245	205	220	221	223	273	335
Story	206	215	253	287	354	401	401	379	377	354	335	322	303	498	527	632	718	888	1015	1022	956	964	915	882	883	812
Tama	81	78	86	107	119	130	152	169	193	178	170	181	227	197	195	203	282	320	346	399	441	514	487	461	499	600
Taylor	29	32	47	57	80	85	105	99	90	94	93	103	93	76	90	140	160	221	233	268	251	240	268	265	306	251
Union	62	86	95	126	168	185	179	189	188	188	191	199	199	139	200	225	324	435	488	480	499	501	509	529	585	522
Van Buren	41	46	46	50	47	59	72	76	72	70	71	81	95	109	128	136	142	129	161	195	220	199	203	213	234	279
Wapello	429	457	526	557	621	651	698	693	703	679	664	691	665	1063	1135	1334	1431	1597	1663	1837	1792	1830	1778	1772	1987	1713
Warren	143	161	193	228	253	329	377	350	332	306	287	321	333	339	374	477	561	613	808	942	869	830	784	734	919	852
Washington	90	91	106	109	126	125	153	145	146	145	149	147	161	221	248	271	281	328	326	394	379	394	386	410	428	402
Wayne	57	65	62	70	81	80	85	91	92	76	81	95	103	145	172	159	171	200	211	239	259	261	216	239	275	280
Webster	367	393	444	518	562	625	674	682	684	681	650	656	728	926	996	1127	1337	1445	1630	1808	1814	1825	1830	1752	1857	2019
Winnebago	31	31	32	47	53	62	84	70	68	67	71	67	91	79	81	73	120	141	163	227	191	180	183	195	206	232
Winneshiek	40	46	54	64	70	78	91	79	81	86	85	102	85	94	121	144	156	166	192	218	198	212	235	230	323	223
Woodbury	815	869	925	1016	1140	1305	1538	1652	1757	1726	1665	1786	2012	2158	2258	2368	2609	2918	3441	4155	4498	4828	4859	4739	5353	5536
Worth	11	11	21	29	33	47	58	63	60	54	55	69	79	24	27	53	69	85	132	154	168	153	146	148	202	211
Wright	46	50	64	80	94	118	124	121	133	123	118	137	172	116	122	162	199	244	306	336	315	357	337	322	389	472
State of Iowa	18217	19898	22393	25350	28683	31967	35679	34793	34666	33515	32259	34650	35518	46307	51131	57348	65197	73937	83448	94568	92685	92638	90931	88573	100033	96020

Table 2. Average Monthly Number of Unemployed-Parent Family Investment Program Cases and Recipients in Iowa's Counties, 1985 and 1990-2000.

County	Av. Monthly No. of Unemployed-Parent Family Investment Program Cases												Av. Mo. No. of Unemployed-Parent Family Investment Program Recipients											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Adair	2	2	4	7	12	8	7	6	4	2	1	8	10	10	17	27	49	36	38	28	18	8	5	36
Adams	1	2	7	8	9	10	13	12	10	8	5	8	3	7	30	34	35	38	52	50	44	39	25	33
Allamakee	5	7	9	10	7	7	9	4	2	6	3	18	18	27	35	41	27	24	36	14	12	30	12	82
Appanoose	23	21	34	46	47	54	60	46	46	39	33	92	94	78	129	183	191	217	254	196	190	159	137	396
Audubon	3	3	1	1	2	6	7	3	4	6	3	7	12	11	5	2	9	24	32	13	18	23	12	34
Benton	4	9	12	19	25	32	35	24	17	18	10	38	19	38	50	80	112	142	144	97	75	77	44	200
Black Hawk	95	108	126	145	154	162	179	135	124	135	140	464	396	441	506	580	620	663	737	563	516	553	601	2127
Boone	3	2	5	17	25	38	51	33	23	16	13	43	11	9	28	65	102	155	207	141	105	70	54	192
Bremer	8	8	10	12	16	16	20	12	14	18	16	44	32	32	39	51	63	63	78	46	51	74	70	218
Buchanan	12	14	12	25	34	35	45	22	19	24	25	103	51	57	48	101	144	158	192	88	81	99	111	472
Buena Vista	4	6	9	6	11	11	13	10	8	8	9	20	14	22	34	24	42	42	49	39	29	33	33	101
Butler	3	4	5	7	10	15	18	13	16	14	19	43	11	14	22	26	42	68	75	46	61	56	70	177
Calhoun	5	5	5	5	9	11	13	6	9	7	7	20	15	22	24	20	37	46	55	28	36	29	32	90
Carroll	2	1	2	5	8	7	8	5	5	6	6	13	9	3	7	19	31	27	39	25	19	23	24	54
Cass	10	6	8	5	17	25	28	11	12	11	9	29	40	25	29	19	67	102	119	45	56	46	37	119
Cedar	6	5	9	12	19	16	27	20	20	19	18	29	28	21	41	50	68	58	102	76	80	82	80	119
Cerro Gordo	23	18	30	33	49	55	66	40	37	36	28	59	92	72	115	133	196	221	265	172	162	150	117	259
Cherokee	2	4	3	3	6	6	9	4	3	2	2	8	11	19	12	14	22	21	32	14	11	8	9	37
Chickasaw	8	10	12	12	12	11	14	7	7	7	7	30	30	35	46	43	41	43	55	29	27	26	27	141
Clarke	9	8	10	13	20	23	19	10	15	15	10	25	37	33	51	59	82	97	83	43	61	60	45	109
Clay	3	5	7	8	8	10	13	7	6	7	8	32	11	21	28	29	33	39	57	34	24	24	30	134
Clayton	2	5	5	8	9	9	11	5	7	7	6	24	9	20	18	30	35	38	51	22	29	28	23	114
Clinton	42	49	62	75	97	104	123	70	67	76	67	229	177	200	246	298	372	386	472	269	273	306	277	997
Crawford	5	3	7	9	18	15	19	8	9	11	11	12	18	14	30	39	81	71	85	29	37	48	45	53
Dallas	4	2	5	9	18	28	36	19	19	15	14	44	17	7	19	39	71	111	144	71	72	63	57	178
Davis	3	3	5	7	7	10	7	6	6	9	9	36	12	13	19	24	27	37	26	17	20	36	38	156
Decatur	6	9	9	13	20	21	24	10	13	11	7	16	23	37	38	48	77	83	97	36	51	43	27	66
Delaware	12	16	18	13	14	18	21	12	13	11	15	59	51	66	76	60	64	78	81	49	60	51	69	264
Des Moines	33	31	56	56	66	66	75	54	42	43	45	83	133	133	221	224	268	262	298	213	157	185	191	393
Dickinson	4	4	6	10	16	16	12	7	5	6	5	11	13	17	29	41	72	69	45	27	19	25	22	50
Dubuque	31	37	42	65	80	78	99	64	62	74	75	249	132	162	184	267	322	328	414	255	252	314	331	1139
Emmet	1	2	3	5	7	11	16	14	13	12	10	22	2	8	10	21	28	51	69	55	51	52	48	126
Fayette	20	23	25	34	39	36	38	31	28	25	25	58	84	93	101	142	159	152	164	131	117	103	104	292

Table 2. Average Monthly Number of Unemployed-Parent Family Investment Program Cases and Recipients in Iowa's Counties, 1985 and 1990-2000 (continued).

County	Av. Monthly No. of Unemployed-Parent Family Investment Program Cases												Av. Mo. No. of Unemployed-Parent Family Investment Program Recipients											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Floyd	8	13	13	23	26	44	44	26	24	21	20	49	31	49	52	93	107	183	177	104	99	85	79	243
Franklin	2	2	4	5	10	14	15	5	10	11	10	13	7	6	17	21	34	51	60	24	40	42	41	56
Fremont	7	9	13	15	18	17	14	7	7	7	3	17	32	39	53	63	77	70	58	30	29	28	12	70
Greene	5	8	4	6	12	17	16	14	11	11	7	22	24	32	19	24	49	74	64	53	44	41	28	98
Grundy	3	2	6	7	6	9	7	6	7	8	7	11	12	8	20	25	22	40	31	24	26	39	28	43
Guthrie	4	3	5	7	14	12	15	10	7	5	6	19	18	13	24	29	52	52	62	45	27	19	25	93
Hamilton	4	6	8	9	12	15	23	15	16	18	12	22	16	23	32	34	47	61	94	67	78	79	51	93
Hancock	2	2	3	2	2	3	7	3	5	8	5	15	8	8	10	8	7	12	30	12	20	32	22	66
Hardin	7	7	8	12	21	23	30	11	11	12	8	23	30	27	32	46	73	84	125	48	46	51	35	97
Harrison	4	5	4	10	18	18	28	17	13	16	14	17	16	20	15	38	74	73	123	73	54	69	60	81
Henry	6	6	11	13	21	24	33	20	18	19	18	38	23	27	41	48	79	95	134	80	72	79	71	176
Howard	3	3	2	1	2	3	7	6	6	8	7	17	12	11	7	4	10	13	32	26	25	33	27	84
Humboldt	4	5	4	8	6	8	7	6	7	7	11	17	15	19	17	32	18	30	30	22	29	30	50	71
Ida	1	1	2	2	3	3	3	0	0	1	0	1	5	5	10	10	11	11	12	2	0	2	1	4
Iowa	2	3	3	1	6	6	9	6	5	5	4	14	9	13	11	3	27	25	36	19	21	22	17	65
Jackson	13	10	10	20	23	28	41	32	27	32	28	100	51	42	40	81	93	114	164	135	113	136	122	451
Jasper	23	20	23	23	28	37	44	23	17	15	22	49	87	76	89	91	105	145	170	91	66	57	92	205
Jefferson	9	11	17	24	28	42	48	33	28	23	22	35	39	47	72	99	105	159	192	136	112	92	91	156
Johnson	23	29	38	45	56	50	46	25	19	17	17	24	97	122	153	177	210	197	173	96	73	73	72	139
Jones	8	11	14	15	18	23	24	16	16	14	12	33	33	46	55	64	73	98	98	60	62	57	52	164
Keokuk	4	8	10	14	18	21	19	15	17	19	19	32	18	37	43	60	74	82	81	65	77	83	81	143
Kossuth	6	6	10	9	15	16	18	13	12	10	12	16	22	25	41	35	58	67	84	53	50	49	54	70
Lee	39	51	48	55	61	75	101	61	51	53	45	116	158	198	182	212	242	295	398	249	212	209	180	517
Linn	66	72	120	136	142	173	200	126	130	140	114	326	283	314	518	577	587	704	832	523	550	586	497	1507
Louisa	8	6	14	19	23	22	27	16	17	20	17	41	34	29	59	79	97	88	111	68	67	81	69	178
Lucas	5	8	14	21	24	23	30	12	12	12	13	30	17	31	57	85	92	92	119	51	51	51	50	135
Lyon	2	1	2	3	4	4	1	1	1	0	0	10	7	2	5	9	13	17	5	4	2	0	0	46
Madison	3	3	2	5	8	12	11	6	9	5	4	20	9	14	10	18	31	50	47	25	35	23	17	84
Mahaska	9	11	26	35	33	24	30	26	36	33	31	45	31	50	106	133	129	85	115	101	142	133	128	203
Marion	11	12	11	17	29	41	43	30	25	26	22	48	42	45	42	71	110	168	171	120	95	98	80	211
Marshall	24	23	27	35	42	54	58	45	42	35	32	67	99	102	107	141	159	205	229	175	162	141	135	362
Mills	12	13	7	15	27	25	22	10	13	10	12	24	48	54	29	58	103	98	89	41	56	42	47	106
Mitchell	1	2	2	3	4	4	4	4	2	3	2	8	2	5	10	13	17	16	11	15	8	10	9	36

Table 2. Average Monthly Number of Unemployed-Parent Family Investment Program Cases and Recipients in Iowa's Counties, 1985 and 1990-2000 (continued).

County	Av. Monthly No. of Unemployed-Parent Family Investment Program Cases												Av. Mo. No. of Unemployed-Parent Family Investment Program Recipients											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Monona	1	1	4	7	9	6	12	9	12	16	11	28	3	7	16	26	34	26	52	40	49	64	46	115
Monroe	4	6	6	10	15	20	18	15	12	11	10	33	13	21	22	41	61	81	76	60	49	43	38	146
Montgomery	9	11	15	20	21	21	27	15	11	8	7	24	36	47	58	82	84	82	106	62	39	28	28	103
Muscatine	32	33	51	86	95	103	109	75	66	73	79	112	134	131	210	348	377	422	472	320	280	318	344	513
O'Brien	3	5	5	7	10	14	10	7	10	3	1	11	12	20	19	33	40	60	42	29	40	13	5	52
Osceola	1	1	1	2	4	3	3	2	1	2	2	9	6	6	4	8	18	13	13	10	6	8	9	41
Page	19	23	31	30	36	32	42	31	26	24	16	38	78	91	131	120	140	124	167	120	100	89	64	163
Palo Alto	2	2	2	5	7	10	10	7	4	4	5	24	9	7	8	24	28	45	39	25	17	20	24	123
Plymouth	5	4	7	8	9	9	9	4	4	3	3	16	19	16	26	30	34	36	35	15	16	13	14	72
Pocahontas	2	2	3	7	9	11	7	8	5	4	8	12	11	9	14	30	32	43	29	31	18	17	34	51
Polk	135	167	206	279	316	332	332	150	162	158	137	287	586	745	869	1169	1292	1379	1419	657	696	678	619	1271
Pottawattamie	50	51	72	89	103	115	137	84	81	68	45	69	209	211	286	367	397	461	540	341	330	285	206	297
Poweshiek	7	9	12	14	21	20	15	10	16	12	8	34	28	35	43	53	79	79	62	44	69	51	34	172
Ringgold	3	6	6	6	12	15	16	8	7	6	4	18	11	21	21	23	47	59	67	35	29	27	19	89
Sac	3	2	8	10	12	12	16	8	7	5	4	12	11	8	30	43	48	52	63	35	31	23	15	53
Scott	141	143	141	183	229	274	283	187	156	165	181	410	585	607	579	755	950	1122	1204	795	666	717	813	1841
Shelby	4	7	5	4	7	13	15	7	8	6	8	12	17	26	20	15	24	49	56	23	32	27	34	51
Sioux	9	8	7	6	10	11	5	2	5	4	4	10	39	35	31	21	38	42	20	8	22	15	17	50
Story	25	31	31	55	66	70	76	31	28	29	15	35	99	109	118	222	256	273	302	124	107	113	60	142
Tama	4	4	4	9	12	13	17	12	12	15	9	29	15	13	15	34	50	50	69	45	49	62	38	131
Taylor	4	7	11	13	14	10	11	5	4	7	9	20	12	27	45	53	63	46	49	21	18	29	40	98
Union	8	11	15	19	24	22	26	15	16	17	11	38	36	45	62	81	100	91	108	62	63	68	45	178
Van Buren	5	4	6	10	11	7	9	8	6	7	8	28	22	20	27	45	50	36	35	32	24	29	38	133
Wapello	43	57	74	99	95	103	112	82	88	94	78	133	174	242	292	396	387	410	433	326	358	377	315	589
Warren	4	5	12	11	16	21	22	12	17	17	19	52	17	22	51	45	68	92	90	51	74	74	82	230
Washington	9	13	17	15	17	19	20	11	6	10	10	26	38	54	70	54	66	77	80	44	27	49	39	110
Wayne	5	7	8	13	17	13	14	9	8	6	8	22	19	30	33	57	71	62	59	35	33	26	32	97
Webster	30	26	26	43	58	73	86	63	52	52	47	99	127	105	101	173	238	311	363	267	219	226	216	426
Winnebago	2	2	3	7	7	7	7	5	5	4	5	11	10	6	9	25	28	27	28	18	17	16	18	51
Winneshiek	6	7	7	10	11	13	16	14	13	7	10	28	22	31	26	39	44	53	61	55	51	27	42	117
Woodbury	40	45	47	66	64	64	79	50	55	60	47	106	159	199	204	294	265	268	346	211	238	266	213	531
Worth	2	0	2	3	6	8	7	8	5	6	7	14	5	1	11	11	23	27	26	29	19	23	30	58
Wright	7	3	7	11	14	11	16	9	10	13	7	17	28	11	33	48	56	44	73	38	40	58	30	70
State of Iowa	1338	1502	1898	2469	3000	3336	3741	2334	2222	2244	2033	5108	5535	6260	7747	10073	12055	13539	15382	9595	9181	9371	8724	23172

Table 3. Total Annual Regular and Unemployed-Parent Family Investment Program Payments (in \$1,000s) in Iowa's Counties, 1980, 1985, and 1990-2000.

County	Total Annual Regular FIP Payments (in \$1,000s)													Total Annual Unemployed-Parent FIP Payments (in \$1,000s)											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Adair	105	112	149	191	205	213	205	242	249	230	206	251	244	14	11	16	34	57	40	37	33	20	9	6	38
Adams	59	77	113	134	190	190	234	201	215	193	169	165	130	4	6	31	39	40	47	61	59	53	45	33	34
Allamakee	125	142	192	267	321	374	369	367	357	268	313	430	506	19	34	36	41	31	30	43	16	13	37	16	89
Appanoose	596	771	827	978	1039	1110	1145	1191	1289	1352	1333	1235	1120	104	83	130	205	211	236	283	239	241	206	169	414
Audubon	78	90	120	107	124	143	164	155	171	188	158	179	218	13	14	6	2	10	24	31	16	20	24	15	36
Benton	381	378	520	591	606	721	909	935	983	974	1016	817	683	18	35	50	77	103	136	157	117	85	90	53	184
Black Hawk	5672	6235	7047	7998	9085	9997	11098	11040	11091	11232	11210	11363	9980	428	463	539	642	667	731	840	692	627	702	732	2153
Boone	331	421	494	631	767	911	1074	1137	1106	1011	900	1016	998	12	9	25	62	117	178	239	178	136	86	67	201
Bremer	248	278	301	348	450	552	662	615	521	555	523	674	577	30	34	42	48	65	65	83	54	68	90	89	209
Buchanan	314	424	556	590	705	796	915	991	1048	1097	1035	1110	959	60	61	39	97	153	171	196	107	101	120	140	479
Buena Vista	364	460	440	492	499	577	627	652	664	575	540	606	570	15	22	34	23	46	48	57	50	37	44	42	100
Butler	224	226	267	320	371	431	466	439	532	600	540	495	449	15	20	26	25	38	73	85	61	81	69	95	191
Calhoun	167	172	168	188	254	290	376	372	391	389	358	358	411	20	21	18	14	33	39	51	32	47	37	39	93
Carroll	255	287	293	335	411	498	528	541	516	522	505	413	439	11	4	8	21	34	32	39	27	23	31	26	55
Cass	274	298	321	414	509	631	738	747	646	619	600	553	625	37	27	30	14	66	98	106	44	64	57	45	132
Cedar	208	306	306	356	398	469	545	508	524	525	528	466	572	26	20	37	51	73	58	89	93	104	107	100	127
Cerro Gordo	798	959	1166	1350	1692	1944	2311	2376	2415	2371	2361	2089	2276	96	68	114	141	193	215	300	209	196	191	142	272
Cherokee	220	190	193	247	321	382	454	385	382	420	360	398	483	10	17	14	14	26	26	39	19	15	11	11	35
Chickasaw	205	194	162	236	250	311	376	341	313	317	336	387	359	38	44	56	47	46	43	61	34	32	31	33	144
Clarke	189	242	293	364	456	536	565	483	459	410	446	375	368	44	38	51	63	93	118	102	54	74	74	49	119
Clay	315	330	350	366	415	507	584	640	684	704	653	762	654	12	18	22	24	36	45	62	40	31	32	41	144
Clayton	144	163	155	192	223	287	367	402	471	493	463	537	571	7	23	21	35	37	36	56	26	39	39	30	123
Clinton	1762	2035	2154	2488	2846	3325	3765	4001	3858	3820	3704	3183	2273	184	197	242	315	406	416	522	339	350	396	333	1045
Crawford	359	423	458	531	647	778	811	754	723	741	702	586	591	21	11	31	37	100	72	87	42	51	66	54	59
Dallas	388	454	595	683	856	1121	1265	1319	1331	1232	1212	1259	1045	19	8	22	43	70	122	166	98	98	86	77	191
Davis	123	144	191	241	242	342	391	404	385	375	429	393	306	15	14	24	31	33	41	29	23	28	48	49	175
Decatur	220	224	307	359	417	416	502	525	536	499	438	405	464	27	43	44	50	85	91	105	44	66	57	36	74
Delaware	243	314	299	355	433	444	472	524	529	533	586	705	627	45	74	72	64	70	77	85	58	71	56	80	277
Des Moines	1762	1899	2269	2390	2496	2738	3110	3244	3155	3091	3017	2795	2416	138	137	228	244	271	295	342	262	195	222	233	384
Dickinson	185	221	258	276	300	362	386	314	339	390	397	429	528	13	16	23	41	74	67	57	35	25	31	24	42
Dubuque	1714	1995	2168	2167	2272	2457	3123	3270	3304	3286	3403	3930	3343	134	146	163	254	308	314	427	296	296	376	396	1162
Emmet	172	184	207	221	252	306	420	441	440	461	499	562	534	3	10	15	19	25	45	73	65	62	60	55	109
Fayette	559	599	659	773	908	901	1077	1154	1092	1051	897	831	803	96	108	116	152	166	158	177	163	150	136	123	290

Table 3. Total Annual Regular and Unemployed-Parent Family Investment Program Payments (in \$1,000s) in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	Total Annual Regular FIP Payments (in \$1,000s)													Total Annual Unemployed-Parent FIP Payments (in \$1,000s)											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Floyd	421	485	529	542	623	739	900	842	820	848	861	784	739	37	48	56	90	116	201	195	127	125	106	105	231
Franklin	132	142	187	245	265	319	378	344	370	353	347	325	447	8	7	18	22	34	52	57	25	47	53	48	57
Fremont	225	218	252	294	357	442	506	470	399	373	359	376	382	34	39	48	62	70	60	50	35	34	34	14	78
Greene	194	225	251	269	327	404	442	391	351	350	352	347	404	24	29	15	25	57	81	69	68	51	54	32	103
Grundy	93	120	139	167	211	223	234	292	309	306	289	254	259	14	10	22	31	26	45	35	29	29	44	38	50
Guthrie	172	151	185	202	284	359	463	490	495	452	403	417	459	20	17	25	28	56	61	66	52	34	25	31	91
Hamilton	259	254	284	320	367	447	603	622	577	572	484	484	603	22	29	33	40	46	58	100	80	90	94	61	96
Hancock	130	131	178	204	245	269	371	377	377	323	334	297	356	6	11	12	9	8	12	32	14	23	38	29	65
Hardin	329	332	378	505	562	695	878	864	799	717	691	631	678	34	32	34	54	87	105	135	63	58	60	40	107
Harrison	251	306	412	495	532	601	667	700	734	684	649	680	767	17	22	19	42	73	69	112	79	66	77	75	75
Henry	305	357	449	546	615	728	858	852	781	714	684	647	638	24	32	43	43	78	97	141	94	82	91	89	172
Howard	132	117	114	143	144	176	228	244	279	230	241	301	258	12	13	9	3	10	15	34	30	29	39	38	76
Humboldt	173	164	168	201	232	245	285	325	310	286	281	328	352	14	20	17	30	19	31	30	28	39	40	60	77
Ida	80	97	116	134	144	169	154	167	186	171	115	177	149	6	5	6	9	11	9	9	1	0	3	1	4
Iowa	143	170	176	207	260	260	328	298	279	280	298	267	286	10	16	12	3	25	27	36	25	26	26	21	68
Jackson	329	418	438	552	623	734	923	885	871	958	953	967	764	51	37	33	87	105	120	181	167	132	168	155	469
Jasper	583	610	697	773	950	1119	1238	1396	1328	1297	1211	1569	1544	95	77	106	94	113	161	197	112	85	77	109	214
Jefferson	373	457	505	577	599	673	788	754	748	789	733	570	698	42	51	81	100	114	162	214	169	141	119	113	157
Johnson	1446	1582	1612	1919	2122	2264	2463	2353	2126	1996	1956	1778	1696	107	133	164	182	235	221	195	118	94	90	85	116
Jones	293	313	369	448	524	620	654	658	616	604	617	768	691	38	52	58	67	77	103	94	74	76	68	66	162
Keokuk	259	299	376	442	464	468	561	623	589	654	600	419	375	21	35	38	57	77	96	87	73	86	95	104	151
Kossuth	185	204	276	302	333	412	507	503	497	499	481	374	559	28	25	42	38	53	60	74	52	60	52	58	63
Lee	1538	1765	1942	2192	2276	2362	2918	2984	3066	3137	2943	2664	2322	169	227	195	224	248	277	420	314	267	271	227	532
Linn	4442	4809	5347	5967	6690	7253	8577	8724	8803	8763	8391	9033	7749	300	335	526	580	613	717	870	622	649	712	597	1585
Louisa	363	366	420	502	545	674	750	744	750	684	621	602	675	37	24	56	88	100	109	134	86	82	107	91	186
Lucas	302	335	422	494	559	614	600	538	568	571	538	554	590	20	38	66	99	112	110	135	59	63	57	60	137
Lyon	127	134	132	144	200	210	221	218	184	162	181	185	172	8	2	7	13	14	16	6	5	3	0	0	41
Madison	144	162	145	178	234	312	396	404	403	451	428	359	375	9	10	11	21	32	51	45	32	46	26	19	91
Mahaska	601	673	789	867	914	1021	1168	1154	1199	1209	1176	1088	1109	40	51	117	154	137	92	124	130	191	178	163	204
Marion	428	506	528	555	721	931	1155	1184	1128	1040	1016	1051	1095	54	52	39	68	116	192	192	156	125	130	106	219
Marshall	1216	1357	1501	1673	1786	1950	2370	2421	2400	2159	2034	1681	1840	102	98	107	166	173	222	237	221	211	173	174	350
Mills	339	405	463	576	651	736	804	689	628	576	580	572	630	57	62	32	56	98	98	91	45	69	49	61	109
Mitchell	79	90	104	136	149	169	236	241	259	247	196	206	217	3	7	11	11	17	18	16	20	10	15	10	41

Table 3. Total Annual Regular and Unemployed-Parent Family Investment Program Payments (in \$1,000s) in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	Total Annual Regular FIP Payments (in \$1,000s)													Total Annual Unemployed-Parent FIP Payments (in \$1,000s)												
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	
Monona	139	125	171	197	232	306	420	467	537	582	537	462	493	2	9	16	29	44	32	55	53	60	79	58	133	
Monroe	201	210	223	268	320	413	523	491	502	559	542	470	378	17	26	23	38	59	86	83	76	62	53	47	158	
Montgomery	303	384	447	542	510	559	591	661	665	628	552	541	510	34	43	62	82	84	81	103	70	55	40	35	104	
Muscatine	1483	1539	1735	2049	2253	2548	2798	2795	2841	2840	2791	2640	2234	138	138	197	373	435	451	506	379	349	393	432	544	
O'Brien	141	175	218	228	248	306	327	335	334	301	276	297	326	11	19	20	29	41	58	38	30	44	16	7	55	
Osceola	61	73	64	106	132	139	163	146	140	141	125	144	159	6	4	4	9	18	12	16	12	8	11	12	43	
Page	505	534	548	618	670	716	837	825	868	913	890	823	770	89	102	133	114	141	133	167	147	116	118	73	162	
Palo Alto	92	98	116	162	159	211	292	297	317	299	314	387	437	8	4	5	21	25	40	38	34	22	24	26	118	
Plymouth	247	291	296	312	342	377	414	401	395	451	408	463	489	18	20	24	27	38	32	35	17	21	18	14	66	
Pocahontas	177	199	180	198	189	189	258	267	317	303	241	264	254	11	9	16	35	36	53	30	38	22	22	39	50	
Polk	11246	11934	13833	15827	17992	21317	25235	25424	25712	24517	22482	20222	19808	613	735	874	1249	1405	1513	1578	818	877	883	778	1310	
Pottawattamie	3186	3312	3700	4343	5066	5939	6924	7026	6840	6686	6181	5532	7064	229	216	312	393	431	475	576	413	412	359	249	297	
Poweshiek	256	336	396	434	482	564	725	670	661	642	586	578	496	28	36	50	66	93	94	69	56	87	63	39	169	
Ringgold	90	131	149	166	195	198	211	209	220	232	240	259	216	10	20	24	21	48	58	80	48	40	37	25	94	
Sac	128	161	165	202	272	301	364	349	371	354	339	334	337	13	10	29	45	39	47	62	41	37	28	20	54	
Scott	7370	8012	8509	10205	12130	13947	15617	15634	15564	15068	14370	12154	9977	631	644	616	760	961	1219	1330	982	823	915	1009	1915	
Shelby	150	192	209	258	318	329	314	300	299	324	310	306	282	18	32	24	18	28	54	67	28	39	34	43	50	
Sioux	224	218	228	270	346	341	363	342	355	350	333	348	434	35	37	37	22	42	52	25	10	27	22	21	46	
Story	821	868	1005	1121	1413	1654	1706	1639	1652	1575	1496	1284	1123	111	127	113	218	265	290	309	150	140	144	74	160	
Tama	296	288	325	420	480	515	621	716	838	783	740	700	825	16	12	13	34	54	53	70	54	61	75	49	134	
Taylor	121	137	194	228	300	315	418	417	385	425	411	413	322	13	27	46	49	57	44	53	22	23	37	43	101	
Union	218	309	357	497	680	763	762	831	831	833	824	797	711	37	41	61	81	99	80	101	71	81	91	57	184	
Van Buren	171	193	193	203	184	245	312	354	326	327	334	323	370	19	19	30	49	52	38	34	41	33	38	48	134	
Wapello	1668	1770	2071	2257	2496	2613	2940	3001	3082	3005	2880	2679	2363	192	257	334	446	435	440	493	405	437	475	402	612	
Warren	522	582	701	822	895	1266	1511	1499	1425	1320	1229	1240	1175	21	20	47	46	67	88	87	60	95	89	100	231	
Washington	334	345	389	410	484	465	614	610	639	622	627	575	559	43	48	67	62	67	78	72	52	34	58	52	127	
Wayne	220	262	249	265	327	320	350	402	400	337	377	365	378	19	28	38	60	74	61	65	40	40	30	37	103	
Webster	1404	1512	1670	2047	2182	2513	2827	2967	2992	2989	2823	2484	2620	132	108	95	170	218	323	400	318	266	262	259	425	
Winnebago	122	128	110	180	207	237	346	307	295	288	309	255	315	12	8	12	32	28	30	33	27	25	18	21	44	
Winneshiek	153	183	216	240	279	303	359	313	333	370	371	398	310	21	35	28	36	46	45	57	63	62	35	50	114	
Woodbury	3207	3397	3558	3997	4505	5273	6452	7243	7785	7796	7452	7153	7624	184	201	219	307	299	283	350	259	293	324	253	522	
Worth	40	40	82	102	120	187	247	282	264	231	239	270	276	6	1	9	10	23	27	27	39	26	25	36	60	
Wright	179	196	236	292	358	468	514	469	562	551	519	537	628	33	14	31	45	55	46	69	48	47	70	41	79	
State of Iowa	70322		86428		113236		150015		152698		143031		130266	5959		7988		12742		16580		11388		10763		
		77134		99416		129496		152185		149622		136206			6528		10543		14349		16580		11733		11721	23757

Table 4. Average and Adjusted (in 2000 \$s) Monthly Regular Family Investment Program Payments Per Person in Iowa's Counties, 1980, 1985, and 1990-2000.

County	Average Regular FIP Payments Per Person													Adjusted (in 2000 \$s) Average Regular FIP Payments Per Person											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	137	127	125	123	121	129	126	134	131	132	129	104	111	131	132	132	133	145	146	159	160	166	169	164	226
Adams	123	129	125	118	115	115	122	131	125	132	123	109	110	133	132	126	126	130	141	156	153	166	161	172	224
Allamakee	132	126	118	122	132	132	130	133	133	125	128	116	104	130	125	131	145	149	151	158	163	157	168	183	212
Appanoose	125	129	127	132	130	134	139	140	137	138	139	111	106	133	134	142	142	151	161	166	167	174	182	175	216
Audubon	125	127	123	124	123	130	121	126	124	126	122	111	112	131	130	133	135	147	140	150	152	159	160	175	228
Benton	128	131	130	128	129	128	132	136	136	136	132	115	112	136	138	137	141	144	153	162	166	171	173	182	228
Black Hawk	123	123	126	128	130	131	132	136	136	136	133	114	119	127	133	137	142	148	153	162	166	171	174	180	242
Boone	137	133	127	127	128	128	136	140	141	143	140	116	111	138	134	136	140	144	158	166	172	180	183	183	226
Bremer	122	130	129	130	122	125	129	135	138	138	138	113	116	135	136	139	134	141	150	161	169	174	181	178	236
Buchanan	125	126	125	126	127	126	126	133	135	135	136	112	110	130	132	135	139	142	146	158	165	170	178	177	224
Buena Vista	124	125	120	129	126	128	133	136	137	136	137	114	110	129	127	138	138	144	154	162	167	171	179	180	224
Butler	125	126	117	116	122	126	131	134	132	133	134	109	111	130	124	124	134	142	152	159	161	167	175	172	226
Calhoun	126	133	124	118	122	121	127	137	136	136	128	114	112	138	131	126	134	136	147	163	166	171	168	180	228
Carroll	132	128	122	118	122	129	129	133	133	133	133	114	104	132	129	126	134	145	150	158	163	167	174	180	212
Cass	127	129	122	121	122	126	126	128	132	139	134	117	112	133	129	130	134	142	146	152	161	175	175	185	228
Cedar	125	129	127	126	129	132	131	137	139	137	131	117	114	133	134	135	141	149	152	163	170	172	171	185	232
Cerro Gordo	126	126	127	127	130	133	135	140	139	139	136	116	115	130	134	136	142	150	157	166	170	175	178	183	234
Cherokee	125	121	130	125	127	128	132	134	127	128	130	105	108	125	138	134	139	144	153	159	155	161	170	166	220
Chickasaw	132	134	128	128	123	126	131	137	135	136	131	115	113	139	135	137	135	142	152	163	165	171	171	182	230
Clarke	125	124	125	125	126	130	132	133	130	137	132	113	112	128	132	134	138	147	153	158	159	172	173	178	228
Clay	131	121	126	126	127	134	134	140	135	140	134	114	115	125	133	135	139	151	155	166	165	176	175	180	234
Clayton	132	126	114	123	131	125	131	138	137	134	127	112	106	130	121	132	144	141	152	164	167	169	166	177	216
Clinton	123	122	123	129	131	132	137	141	142	140	139	117	113	126	130	138	144	149	159	168	174	176	182	185	230
Crawford	136	126	121	129	130	132	131	135	132	134	133	117	110	130	128	138	142	149	152	161	161	169	174	185	224
Dallas	137	124	129	133	134	133	138	144	142	139	136	112	113	128	136	143	147	150	160	171	174	175	178	177	230
Davis	128	130	132	128	125	131	129	138	135	140	132	109	107	135	140	137	137	148	150	164	165	176	173	172	218
Decatur	134	141	126	121	117	120	128	136	140	141	138	115	112	146	133	130	128	135	148	162	171	177	181	182	228
Delaware	130	131	120	125	125	122	121	126	130	129	127	111	108	136	127	134	137	138	140	150	159	162	166	175	220
Des Moines	127	123	124	127	129	130	134	137	138	137	133	111	111	127	131	136	141	147	155	163	169	172	174	175	226
Dickinson	132	125	129	134	134	135	135	133	141	140	140	108	111	129	136	144	147	152	157	158	172	176	183	171	226
Dubuque	123	123	122	122	123	127	131	136	136	136	136	114	113	127	129	131	135	143	152	162	166	171	178	180	230
Emmet	133	132	129	125	118	122	136	135	134	128	130	110	109	137	136	134	129	138	158	161	164	161	170	174	222
Fayette	125	123	125	127	129	131	130	134	134	134	130	113	111	127	132	136	141	148	151	159	164	169	170	178	226

Table 4. Average and Adjusted (in 2000 \$s) Monthly Regular Family Investment Program Payments Per Person in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	Average Regular FIP Payments Per Person													Adjusted (in 2000 \$s) Average Regular FIP Payments Per Person											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Floyd	130	127	124	124	126	130	129	135	136	137	135	114	112	131	131	133	138	147	150	161	166	172	177	180	228
Franklin	126	116	118	127	121	120	127	133	139	139	133	119	107	120	125	136	133	135	147	158	170	175	174	188	218
Fremont	126	120	116	119	120	124	124	132	130	132	129	112	110	124	123	128	132	140	144	157	159	166	169	177	224
Greene	132	129	126	122	130	131	130	131	134	136	133	109	110	133	133	131	142	148	151	156	164	171	174	172	224
Grundy	140	122	127	123	129	137	134	135	139	141	138	109	111	126	134	132	141	155	155	161	170	177	181	172	226
Guthrie	123	116	123	121	121	128	126	133	134	134	129	110	103	120	130	130	133	144	146	158	164	169	169	174	210
Hamilton	129	127	127	124	131	136	136	138	140	140	135	114	109	131	134	133	144	153	158	164	171	176	177	180	222
Hancock	136	131	124	129	118	120	127	134	134	135	138	111	103	136	131	138	129	135	147	159	164	170	181	175	210
Hardin	131	123	123	128	125	130	130	137	139	140	142	119	109	127	130	137	137	147	151	163	170	176	186	188	222
Harrison	127	126	121	122	126	126	125	129	131	128	132	109	107	130	128	131	138	142	145	153	160	161	173	172	218
Henry	130	131	125	123	126	126	127	134	136	134	132	111	111	136	132	132	138	142	147	159	166	169	173	175	226
Howard	124	115	115	106	117	120	121	132	131	134	130	109	105	119	122	114	128	135	140	157	160	169	170	172	214
Humboldt	133	125	119	134	121	116	113	126	130	136	138	113	113	129	126	144	133	131	131	150	159	171	181	178	230
Ida	112	107	106	110	118	128	127	135	130	126	128	112	103	111	112	118	129	144	147	161	159	159	168	177	210
Iowa	120	123	115	128	119	120	120	132	142	141	138	116	114	127	122	137	130	135	139	157	174	177	181	183	232
Jackson	123	123	123	125	127	129	134	138	140	139	138	114	113	127	130	134	139	145	155	164	171	175	181	180	230
Jasper	130	132	129	127	127	131	135	141	138	138	137	114	116	137	136	136	139	148	157	168	169	174	179	180	236
Jefferson	125	127	128	132	131	130	133	137	143	141	136	110	117	131	135	142	144	147	154	163	175	177	178	174	238
Johnson	126	125	127	130	130	132	132	137	140	150	137	119	124	129	134	139	142	149	153	163	171	189	179	188	253
Jones	127	123	119	126	129	130	129	133	136	137	132	118	114	127	126	135	141	147	150	158	166	172	173	186	232
Keokuk	120	120	122	123	125	129	130	135	142	140	132	110	114	124	129	132	137	145	151	161	174	176	173	174	232
Kossuth	125	126	120	125	120	123	128	133	131	137	134	105	110	130	127	134	132	139	148	158	160	172	175	166	224
Lee	128	129	129	131	126	126	130	134	135	135	134	114	112	133	136	140	138	142	151	159	165	170	175	180	228
Linn	129	127	126	127	129	128	132	137	139	139	136	115	116	131	133	136	141	144	153	163	170	175	178	182	236
Louisa	124	124	128	128	122	130	133	134	135	134	134	112	110	128	135	137	134	147	154	159	165	169	175	177	224
Lucas	125	127	130	133	132	131	134	137	140	138	140	110	106	131	138	143	145	148	155	163	171	174	183	174	216
Lyon	127	128	125	127	121	128	127	127	119	121	115	109	108	132	132	136	133	144	147	151	145	152	151	172	220
Madison	135	133	115	131	131	127	126	138	141	140	136	114	115	138	122	140	144	143	146	164	172	176	178	180	234
Mahaska	124	124	127	130	129	134	137	141	144	138	136	113	113	128	134	139	141	151	159	168	176	174	178	178	230
Marion	123	124	121	116	119	123	132	136	136	138	137	114	113	128	128	124	130	139	153	162	166	174	179	180	230
Marshall	127	126	125	128	127	129	130	136	139	137	137	110	116	130	132	137	139	145	151	162	170	172	179	174	236
Mills	127	125	126	123	123	126	124	133	134	133	131	108	110	129	133	132	135	142	144	158	164	167	171	171	224
Mitchell	132	132	129	126	126	137	135	139	141	135	138	120	113	137	136	135	138	155	157	165	172	170	181	190	230

Table 4. Average and Adjusted (in 2000 \$s) Monthly Regular Family Investment Program Payments Per Person in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	Average Regular FIP Payments Per Person													Adjusted (in 2000 \$s) Average Regular FIP Payments Per Person											
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Monona	125	117	122	123	118	122	130	133	134	136	135	111	112	121	129	132	129	138	151	158	164	171	177	175	228
Monroe	131	129	126	125	126	125	127	134	134	135	130	114	110	133	133	134	138	141	147	159	164	170	170	180	224
Montgomery	125	122	129	130	128	124	132	141	140	141	137	116	107	126	136	139	140	140	153	168	171	177	179	183	218
Muscatine	127	126	131	133	136	133	134	136	135	135	134	116	116	130	139	143	149	150	155	162	165	170	175	183	236
O'Brien	120	125	123	129	121	124	125	132	132	135	132	110	109	129	130	138	133	140	145	157	161	170	173	174	222
Osceola	124	113	106	119	120	114	122	128	134	127	120	106	108	117	112	128	132	129	141	152	164	160	157	167	220
Page	119	125	125	126	123	123	126	133	133	134	129	114	110	129	132	135	135	139	146	158	163	169	169	180	224
Palo Alto	130	117	126	125	122	123	128	129	125	128	131	110	108	121	133	134	134	139	148	153	153	161	171	174	220
Plymouth	123	124	124	125	122	127	129	141	139	139	132	117	108	128	131	134	134	143	150	168	170	175	173	185	220
Pocahontas	126	117	119	127	126	119	124	133	137	133	136	115	102	121	126	136	138	134	144	158	167	167	178	182	208
Polk	129	127	129	129	129	132	135	139	140	140	137	115	112	131	136	138	141	149	157	165	171	176	179	182	228
Pottawattamie	132	128	127	128	127	128	130	134	135	135	133	112	113	132	134	137	139	144	151	159	165	170	174	177	230
Poweshiek	129	122	130	131	128	125	132	139	138	136	134	113	110	126	138	140	140	141	153	165	169	171	175	178	224
Ringgold	125	136	130	122	128	122	130	139	146	140	138	115	107	141	138	131	140	138	151	165	178	176	181	182	218
Sac	119	127	116	115	122	125	131	136	134	135	130	114	113	131	123	123	134	141	152	162	164	170	170	180	230
Scott	122	123	122	124	126	130	134	138	137	137	135	113	113	127	129	133	138	147	155	164	167	172	177	178	230
Shelby	118	129	118	125	125	129	134	132	135	134	129	106	112	133	125	134	137	145	155	157	165	169	169	167	228
Sioux	135	122	125	121	124	120	123	139	135	132	124	106	108	126	132	130	136	135	143	165	165	166	162	167	220
Story	137	137	133	130	133	136	139	143	143	143	141	121	115	142	141	139	146	153	161	170	175	180	185	191	234
Tama	125	123	133	124	125	124	130	135	136	134	134	117	115	127	141	133	137	140	151	161	166	169	175	185	234
Taylor	133	127	116	119	113	113	130	139	134	132	129	112	107	131	123	128	124	127	151	165	164	166	169	177	218
Union	131	129	132	128	130	130	132	139	138	136	130	113	114	133	140	137	142	147	153	165	169	171	170	178	232
Van Buren	131	126	118	119	119	127	133	134	137	134	131	115	111	130	125	128	130	143	154	159	167	169	171	182	226
Wapello	131	130	129	131	130	131	133	140	140	141	135	112	115	135	136	140	142	148	154	166	171	177	177	177	234
Warren	128	130	122	122	122	131	134	144	143	140	139	112	115	135	129	131	134	148	155	171	175	176	182	177	234
Washington	126	116	120	121	123	119	130	134	135	134	127	112	116	120	127	130	135	134	151	159	165	169	166	177	236
Wayne	127	127	130	129	136	126	122	129	128	130	132	111	113	131	138	138	149	142	141	153	156	164	173	175	230
Webster	126	127	124	128	126	128	130	136	137	136	134	111	108	131	131	137	138	144	151	162	167	171	175	175	220
Winnebago	128	132	126	125	122	121	127	134	137	131	132	103	113	137	133	134	134	136	147	159	167	165	173	163	230
Winneshiek	136	126	125	128	140	132	137	132	131	131	134	103	116	130	132	137	153	149	159	157	160	165	175	163	236
Woodbury	124	125	125	128	129	128	129	134	134	134	131	111	115	129	132	137	141	144	150	159	164	169	171	175	234
Worth	138	123	129	123	118	118	134	140	144	132	134	111	109	127	136	132	129	133	155	166	176	166	175	175	222
Wright	129	134	122	122	122	127	127	124	131	136	134	115	111	139	129	131	134	143	147	147	160	171	175	182	226
State of Iowa	127	126	126	127	128	129	132	137	137	137	135	113	113	130	133	136	140	145	153	163	167	172	177	178	230

Table 5. Average and Adjusted (in 2000 \$s) Monthly Unemployed-Parent Family Investment Program Payments Per Person in Iowa's Counties, 1985 and 1990-2000.

County	Average Unemployed-Parent FIP Payments Per Person												Adj. (in 2000 \$s) Avg. Unemployed-Parent FIP Payments Per Person										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Adair	113	94	79	104	96	92	82	99	91	92	103	87	97	84	111	105	104	95	118	111	116	135	137
Adams	102	69	85	96	96	104	98	99	100	97	111	86	71	90	103	105	117	114	118	122	122	145	136
Allamakee	88	105	85	83	95	105	99	97	88	102	111	91	109	90	89	104	118	115	115	108	128	145	144
Appanoose	92	89	84	93	92	91	93	102	106	108	103	87	92	89	100	101	103	108	121	130	136	135	137
Audubon	93	103	101	92	96	84	80	105	93	88	103	87	107	107	99	105	95	93	125	114	111	135	137
Benton	79	77	83	80	77	80	91	101	94	97	101	77	80	88	86	84	90	106	120	115	122	132	122
Black Hawk	90	87	89	92	90	92	95	102	101	106	102	84	90	94	99	99	104	110	121	123	133	133	133
Boone	94	81	73	80	96	96	96	105	108	102	104	87	84	77	86	105	108	111	125	132	128	136	137
Bremer	77	89	90	79	86	86	88	97	111	101	106	80	92	95	85	94	97	102	115	136	127	139	126
Buchanan	97	89	69	80	88	90	85	101	104	101	105	85	92	73	86	96	101	99	120	127	127	137	134
Buena Vista	91	83	84	79	92	95	97	107	107	112	107	83	86	89	85	101	107	112	127	131	141	140	131
Butler	112	117	98	81	76	90	95	110	111	102	113	90	121	104	87	83	101	110	131	136	128	148	142
Calhoun	111	79	61	59	74	71	77	94	109	107	101	86	82	65	63	81	80	89	112	133	135	132	136
Carroll	99	116	98	94	92	98	84	89	99	114	92	86	120	104	101	101	111	97	106	121	143	120	136
Cass	78	89	86	63	82	80	74	82	96	103	101	92	92	91	68	90	90	86	98	117	130	132	145
Cedar	76	77	75	85	89	83	73	102	109	109	104	89	80	79	91	98	94	85	121	133	137	136	141
Cerro Gordo	87	79	82	88	82	81	94	101	101	106	101	88	82	87	94	90	91	109	120	123	133	132	139
Cherokee	78	75	94	85	98	103	102	110	110	116	104	79	78	99	91	107	116	118	131	134	146	136	125
Chickasaw	104	105	101	92	93	84	93	98	99	101	102	85	109	107	99	102	95	108	117	121	127	133	134
Clarke	99	97	84	89	94	101	103	105	101	103	91	91	100	89	95	103	114	119	125	123	130	119	144
Clay	94	70	67	70	90	96	91	99	107	113	115	90	72	71	75	99	108	106	118	131	142	151	142
Clayton	69	95	99	96	89	79	92	100	111	115	108	90	98	105	103	98	89	107	119	136	145	141	142
Clinton	87	82	82	88	91	90	92	105	107	108	100	87	85	87	94	100	101	107	125	131	136	131	137
Crawford	97	66	87	79	102	85	85	120	114	114	101	92	68	92	85	112	96	99	143	139	143	132	145
Dallas	93	95	95	91	82	91	96	115	114	114	112	90	98	100	98	90	103	111	137	139	143	147	142
Davis	105	90	105	108	103	93	93	112	116	112	108	94	93	111	116	113	105	108	133	142	141	141	148
Decatur	99	96	97	87	92	91	90	101	109	110	110	93	99	103	93	101	103	104	120	133	138	144	147
Delaware	74	93	79	89	91	82	87	98	98	91	96	88	96	84	95	100	92	101	117	120	114	126	139
Des Moines	87	86	86	91	84	94	96	103	104	100	102	81	89	91	98	92	106	111	122	127	126	133	128
Dickinson	81	76	67	83	85	81	106	110	109	102	92	70	79	71	89	93	91	123	131	133	128	120	111
Dubuque	84	75	74	79	80	80	86	97	98	100	100	85	78	78	85	88	90	100	115	120	126	131	134
Emmet	111	106	124	75	74	73	89	99	102	96	95	72	110	131	80	81	82	103	118	125	121	124	114
Fayette	95	97	96	89	87	87	90	104	107	110	99	83	100	102	95	95	98	104	124	131	138	130	131

Table 5. Average and Adjusted (in 2000 \$s) Monthly Unemployed-Parent Family Investment Program Payments Per Person in Iowa's Counties, 1985 and 1990-2000 (continued).

County	Average Unemployed-Parent FIP Payments Per Person												Adj. (in 2000 \$s) Avg. Unemployed-Parent FIP Payments Per Person										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Floyd	98	82	90	81	90	92	92	102	105	104	111	79	85	95	87	99	104	107	121	128	131	145	125
Franklin	93	91	86	89	84	84	80	86	98	105	97	85	94	91	95	92	95	93	102	120	132	127	134
Fremont	88	82	76	82	76	71	72	98	96	101	97	92	85	80	88	83	80	84	117	117	127	127	145
Greene	82	77	67	86	98	91	89	106	96	109	97	88	80	71	92	107	103	103	126	117	137	127	139
Grundy	99	102	92	103	98	93	94	101	94	94	114	96	106	97	110	107	105	109	120	115	118	149	152
Guthrie	92	108	87	80	90	98	89	96	106	109	102	82	112	92	86	99	111	103	114	130	137	133	130
Hamilton	112	105	85	98	82	79	89	100	97	99	99	86	109	90	105	90	89	103	119	119	125	130	136
Hancock	65	114	99	90	95	82	89	101	97	99	108	82	118	105	96	104	92	103	120	119	125	141	130
Hardin	95	98	88	97	99	104	90	109	105	98	96	92	101	93	104	108	117	104	130	128	123	126	145
Harrison	88	92	107	91	82	78	76	90	101	93	104	77	95	113	98	90	88	88	107	123	117	136	122
Henry	88	98	88	74	82	85	88	98	95	96	105	82	101	93	79	90	96	102	117	116	121	137	130
Howard	85	101	109	64	84	97	89	96	96	98	117	75	105	115	69	92	109	103	114	117	123	153	118
Humboldt	77	86	81	79	90	87	83	104	111	110	101	91	89	86	85	99	98	96	124	136	138	132	144
Ida	108	87	51	78	83	70	62	62	a	117	108	84	90	54	84	91	79	72	74	.	147	141	133
Iowa	97	101	90	91	79	90	83	110	102	100	102	87	105	95	98	87	101	96	131	125	126	133	137
Jackson	83	73	69	89	94	88	92	103	97	103	106	87	76	73	95	103	99	107	122	119	130	139	137
Jasper	91	85	99	86	90	93	96	102	107	112	98	87	88	105	92	99	105	111	121	131	141	128	137
Jefferson	89	90	93	84	91	85	93	103	105	108	103	84	93	98	90	100	96	108	122	128	136	135	133
Johnson	92	91	89	86	93	94	94	103	108	103	98	70	94	94	92	102	106	109	122	132	130	128	111
Jones	95	93	88	87	88	87	80	103	102	100	105	82	96	93	93	96	98	93	122	125	126	137	130
Keokuk	95	79	73	78	87	98	90	94	93	95	107	88	82	77	84	95	111	104	112	114	120	140	139
Kossuth	104	84	85	91	77	75	73	82	99	89	89	75	87	90	98	84	85	85	98	121	112	116	118
Lee	89	96	89	88	85	78	88	105	105	108	105	86	99	94	94	93	88	102	125	128	136	137	136
Linn	88	89	85	84	87	85	87	99	98	101	100	88	92	90	90	95	96	101	118	120	127	131	139
Louisa	91	69	80	93	86	103	100	106	103	110	110	87	71	85	100	94	116	116	126	126	138	144	137
Lucas	100	102	96	97	101	100	94	97	103	92	100	85	106	102	104	111	113	109	115	126	116	131	134
Lyon	91	101	113	116	93	76	101	104	124	a	a	75	105	120	124	102	86	117	124	152	.	.	118
Madison	87	58	95	99	85	85	79	107	109	93	92	90	60	100	106	93	96	92	127	133	117	120	142
Mahaska	107	84	92	97	89	90	90	108	112	112	106	84	87	97	104	98	101	104	128	137	141	139	133
Marion	107	96	78	80	88	95	94	108	109	110	111	87	99	83	86	96	107	109	128	133	138	145	137
Marshall	86	80	83	98	91	90	86	105	109	102	107	81	83	88	105	100	101	100	125	133	128	140	128
Mills	98	95	91	80	79	83	85	92	103	97	108	86	98	96	86	87	94	99	109	126	122	141	136
Mitchell	128	114	92	71	83	92	119	110	103	123	96	95	118	97	76	91	104	138	131	126	155	126	150

^aNo payments of this kind were made this year.

Table 5. Average and Adjusted (in 2000 \$s) Monthly Unemployed-Parent Family Investment Program Payments Per Person in Iowa's Counties, 1985 and 1990-2000 (continued).

County	Average Unemployed-Parent FIP Payments Per Person												Adj. (in 2000 \$s) Avg. Unemployed-Parent FIP Payments Per Person										
	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985
Monona	66	102	83	92	108	103	88	110	102	103	104	96	106	88	99	118	116	102	131	125	130	136	152
Monroe	108	105	86	78	81	88	91	105	105	104	102	90	109	91	84	89	99	106	125	128	131	133	142
Montgomery	78	76	89	83	83	82	81	94	118	120	103	84	79	94	89	91	92	94	112	144	151	135	133
Muscatine	86	88	78	89	96	89	89	99	104	103	105	88	91	83	95	105	100	103	118	127	130	137	139
O'Brien	79	79	87	72	86	80	76	85	92	104	116	88	82	92	77	94	90	88	101	112	131	152	139
Osceola	81	55	77	96	82	75	105	99	113	115	113	87	57	81	103	90	85	122	118	138	145	148	137
Page	95	93	85	79	84	90	83	102	97	110	95	83	96	90	85	92	101	96	121	119	138	124	131
Palo Alto	77	49	50	72	75	74	81	113	109	99	91	80	51	53	77	82	83	94	134	133	125	119	126
Plymouth	80	105	78	74	92	75	84	95	111	117	85	77	109	83	79	101	85	97	113	136	147	111	122
Pocahontas	86	88	98	98	93	103	87	102	104	106	94	81	91	104	105	102	116	101	121	127	133	123	128
Polk	87	82	84	89	91	91	93	104	105	109	105	86	85	89	95	100	103	108	124	128	137	137	136
Pottawattamie	91	85	91	89	90	86	89	101	104	105	101	83	88	96	95	99	97	103	120	127	132	132	131
Poweshiek	83	86	96	103	98	99	92	106	105	102	95	82	89	102	110	107	112	107	126	128	128	124	130
Ringgold	73	79	95	75	85	82	99	114	115	114	109	88	82	100	80	93	92	115	136	141	143	143	139
Sac	99	107	80	88	67	75	83	97	100	100	113	85	111	85	94	73	85	96	115	122	126	148	134
Scott	90	88	89	84	84	91	92	103	103	106	103	87	91	94	90	92	103	107	122	126	133	135	137
Shelby	87	101	99	100	99	92	100	103	102	106	104	82	105	105	107	108	104	116	122	125	133	136	130
Sioux	74	88	99	85	93	103	105	100	103	120	105	76	91	105	91	102	116	122	119	126	151	137	120
Story	93	97	80	82	86	88	85	101	109	106	103	94	100	85	88	94	99	99	120	133	133	135	148
Tama	88	79	74	83	90	89	84	99	103	101	107	85	82	78	89	99	100	97	118	126	127	140	134
Taylor	92	84	85	77	75	79	90	89	105	105	89	86	87	90	83	82	89	104	106	128	132	116	136
Union	85	76	82	83	82	74	78	96	107	111	105	86	79	87	89	90	83	90	114	131	140	137	136
Van Buren	73	79	93	91	86	89	82	108	115	109	106	84	82	98	98	94	100	95	128	141	137	139	133
Wapello	92	88	95	94	94	89	95	104	102	105	106	87	91	100	101	103	100	110	124	125	132	139	137
Warren	102	75	77	85	82	80	81	98	107	100	101	84	78	81	91	90	90	94	117	131	126	132	133
Washington	95	75	80	95	85	85	75	99	104	99	110	96	78	85	102	93	96	87	118	127	125	144	152
Wayne	83	77	96	88	87	82	92	96	100	96	97	88	80	102	94	95	92	107	114	122	121	127	139
Webster	87	86	78	82	76	87	92	99	101	97	100	83	89	83	88	83	98	107	118	123	122	131	131
Winnebago	102	111	108	106	85	91	97	123	121	91	98	72	115	114	114	93	103	112	146	148	114	128	114
Winneshiek	79	94	90	76	87	71	78	96	102	109	100	81	97	95	81	95	80	90	114	125	137	131	128
Woodbury	96	84	90	87	94	88	84	102	103	101	99	82	87	95	93	103	99	97	121	126	127	130	130
Worth	106	87	71	79	84	82	87	113	113	92	100	86	90	75	85	92	92	101	134	138	116	131	136
Wright	99	107	79	78	82	87	79	105	99	101	114	94	111	84	84	90	98	92	125	121	127	149	148
State of Iowa	90	87	86	87	88	88	90	102	103	104	103	85	90	91	93	96	99	104	121	126	131	135	134

Unemployed-Parent Family Investment Cases and Recipients

Iowa averaged 1,338 unemployed-parent FIP cases each month in 2000, which was the lowest in the years examined (Table 2). Seventy-two of the counties averaged fewer than 10 unemployed-parent cases each month in 2000. The highest monthly averages were in Polk and Scott, each of which had more than 100 cases.

Iowa's unemployed-parent case average was lower by 695 in 2000 than it was in 1990. Seventy-nine counties also had declines when comparing these years. Black Hawk, Dubuque, Linn, Muscatine, and Scott had decreases of 40 or more cases. Four counties remained the same; the remaining 16 had increases of 1 to 10 over the period.

The average monthly number of FIP recipients in the unemployed-parent program was 5,535 in 2000, a figure 725 lower than in 1999 (Table 2, Figure 2). Polk (586) and Scott (585) had the highest monthly averages of unemployed-parent recipients in 2000. Eleven other counties averaged at least 100 recipients.

Iowa averaged nearly 3,200 fewer persons per month receiving unemployed-parent FIP benefits in 2000 than in 1990. Most (81) of the counties followed the downward state trend. Decreases greater than 200 occurred in Black Hawk, Linn, Muscatine, and Scott. Of the 17 counties with more unemployed-parent recipients in 2000 than in 1990, only Story increased by more than 25.

Cases and recipients in the unemployed-parent portion of the FIP have varied much more in the 1980s and 1990s than those in the regular Family Investment Program. The unemployed-parent program corresponds much more closely to variations in Iowa's economy than does the regular program.

Total Annual Family Investment Payments

Total benefits paid in Iowa in 2000 for the regular FIP exceeded \$70 million, which was about \$7 million less than the 1999 total (Table 3, Figure 3). Payments decreased in 8 of the 10 year-to-year comparisons. Totals paid in 2000 ranged from less than \$100,000 in nine counties to more than \$11 million in Polk. Polk's figure, at \$11.2 million, was nearly \$4 million above the second highest total (Scott, \$7.4 million).

Iowa's total payments to regular recipients decreased by \$73 million between 1990 and 2000; all of the counties had lower benefits paid at the end of the period. Declines in Black Hawk, Polk, and Scott each topped \$5 million; benefits in 11 others decreased by at least \$1 million.

Unemployed-parent program benefits totaled \$6.0 million in 2000 (Table 3, Figure 4). Benefits paid by this program have been significantly lower than those for the regular program because the caseload is much smaller. Payments increased from 1992 to 1994 but declined from then to 2000.

Thirteen counties provided less than \$10,000 in unemployed-parent benefits in 2000. Black Hawk, Linn, Polk, and Scott each released at least \$300,000. Total costs for the unemployed-parent program in Iowa were \$4.8 million lower in 2000 than in 1990. Most (87) counties also reported lower benefits at the end of the period. For counties with higher payments in 2000 than in 1990, the increases tended to be small, with only Fremont, Johnson, and Story paying at least \$20,000 more of these benefits at the end of the period than at the beginning.

Average Monthly Payments Per Person

The average per person benefit per month for the regular program was \$127 in 2000 (Table 4). This was slightly lower than the figures from 1990 through 1996 but \$1 more than in 1998 and 1999 (Figure 5). Among the counties, there was a \$28 difference between the lowest (\$112 in Ida) and the highest (\$140 in Grundy) monthly per person benefits in 2000. For all the years from 1990 through 2000, \$35 or less separated the lowest and highest county in per person monthly payments for the regular program.

The small negative percentage change (-5.9%) in per person benefits for the regular FIP from 1990 to 2000 contrasts sharply with percentage increases for average monthly benefits per person in the food stamp program (+37.1%). Clearly, the change in average regular FIP payments per month did not keep pace with inflationary trends. After adjusting for inflation, regular program payments per person declined from \$177 in 1990 to \$127 in 2000, a 28.2 percent decrease in purchasing power (Table 4, Figure 5). All 99 counties experienced a similar trend.

For persons in the unemployed-parent program, monthly payments statewide averaged \$90 in 2000 (Table 5). This was about the same as 1994-1999 (Figure 5). For the state and the counties, per person payments for the unemployed-parent program have been lower than those for the regular program, frequently by \$40 or more per month. For any given year, there was more variation among the counties in the unemployed-parent payments than in those for the regular program.

The 2000 average benefits for persons in the unemployed-parent program were \$13 less than that in 1990 for the state, and 80 counties had lower average payments in 2000 than 10 years earlier. When adjusted for inflation, average benefits for persons in the unemployed-parent program decreased 33.3 percent from 1990 to 2000 (Table 5, Figure 5). All counties except Mitchell experienced this trend.

Figure 1. Average number of FIP regular recipients per month in Iowa, 1980–2000.

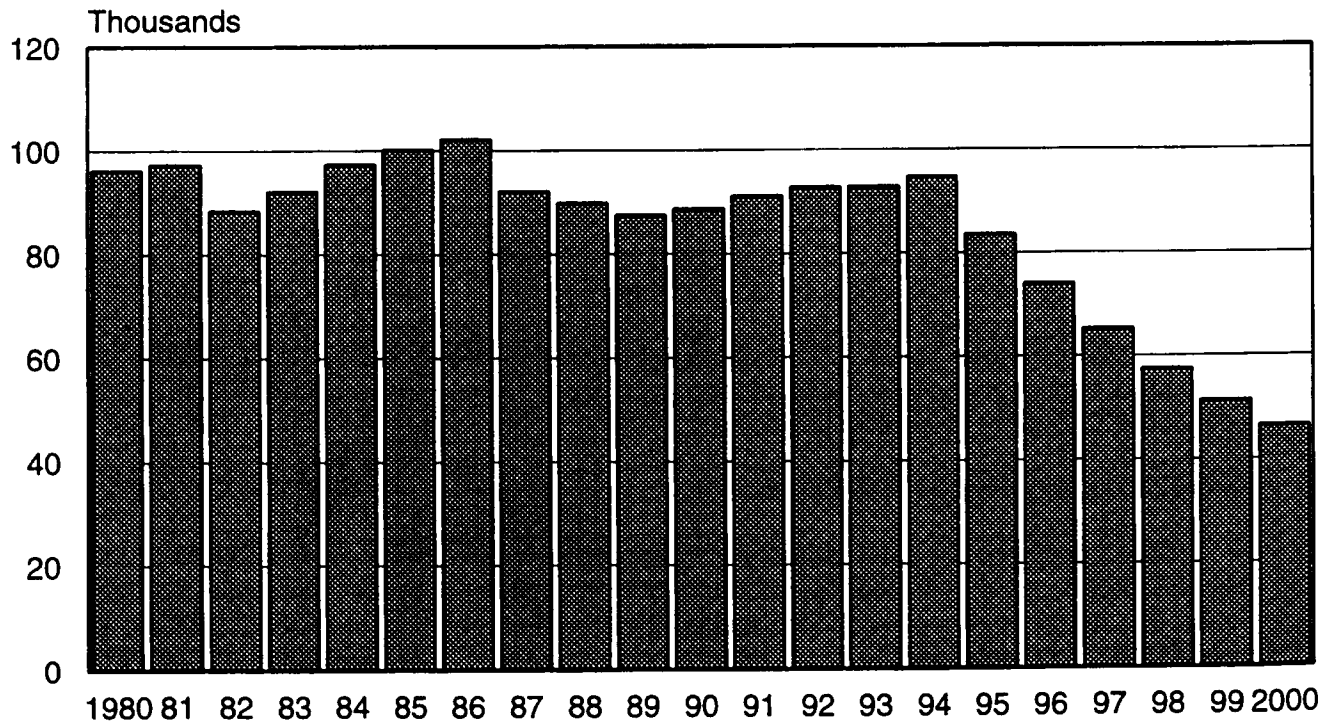


Figure 2. Average number of FIP unemployed-parent recipients per month in Iowa, 1983–2000.

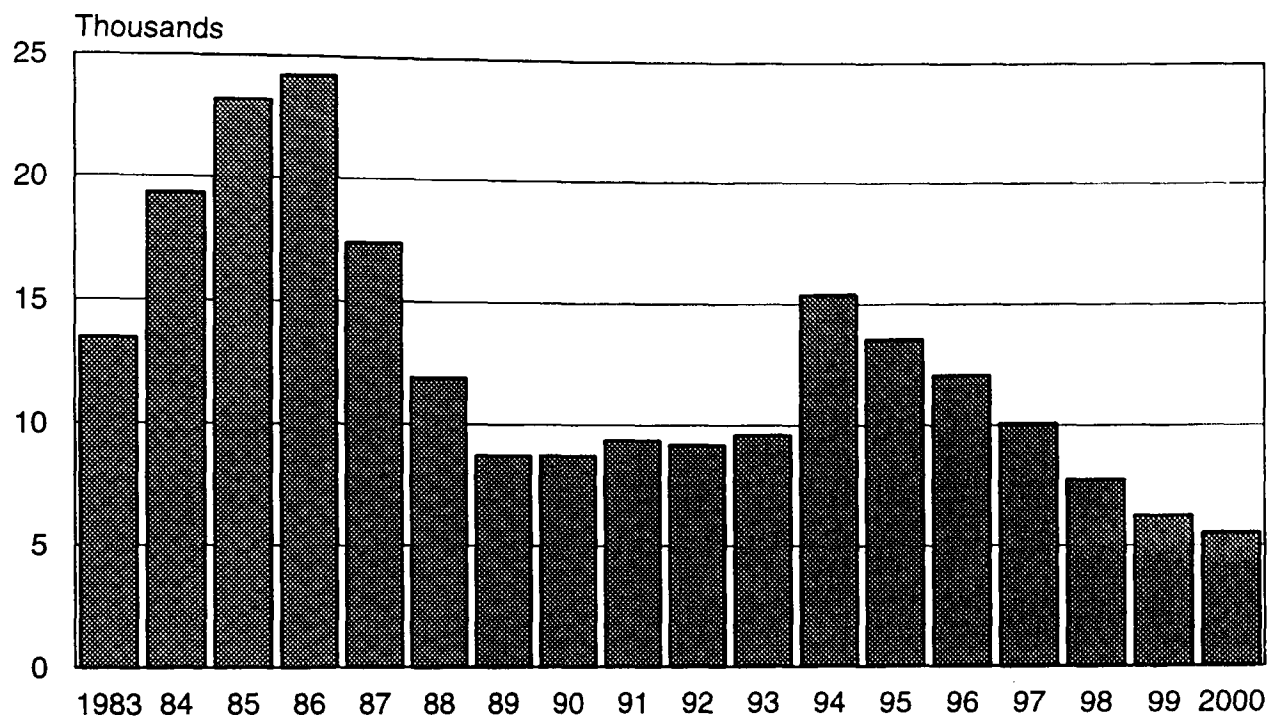


Figure 3. Total annual payments to persons receiving regular FIP benefits in Iowa, 1980–2000.

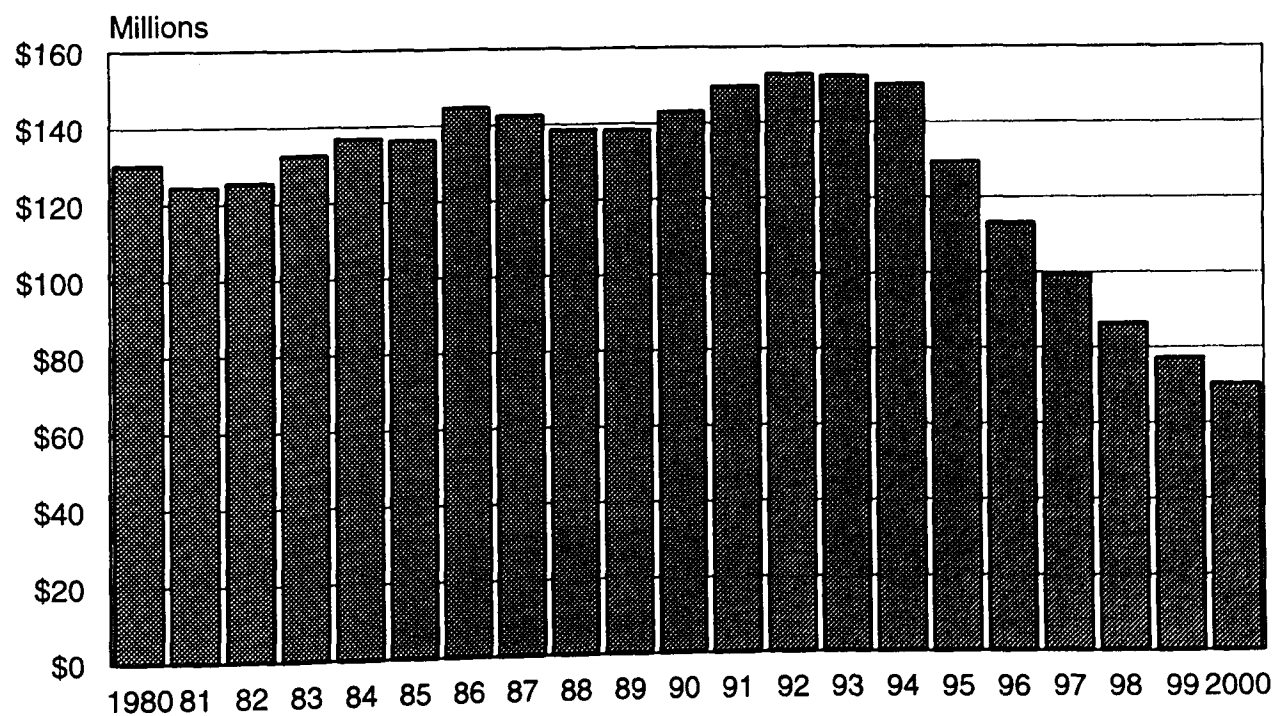


Figure 4. Total annual payments to persons receiving unemployed-parent FIP benefits in Iowa, 1983–2000.

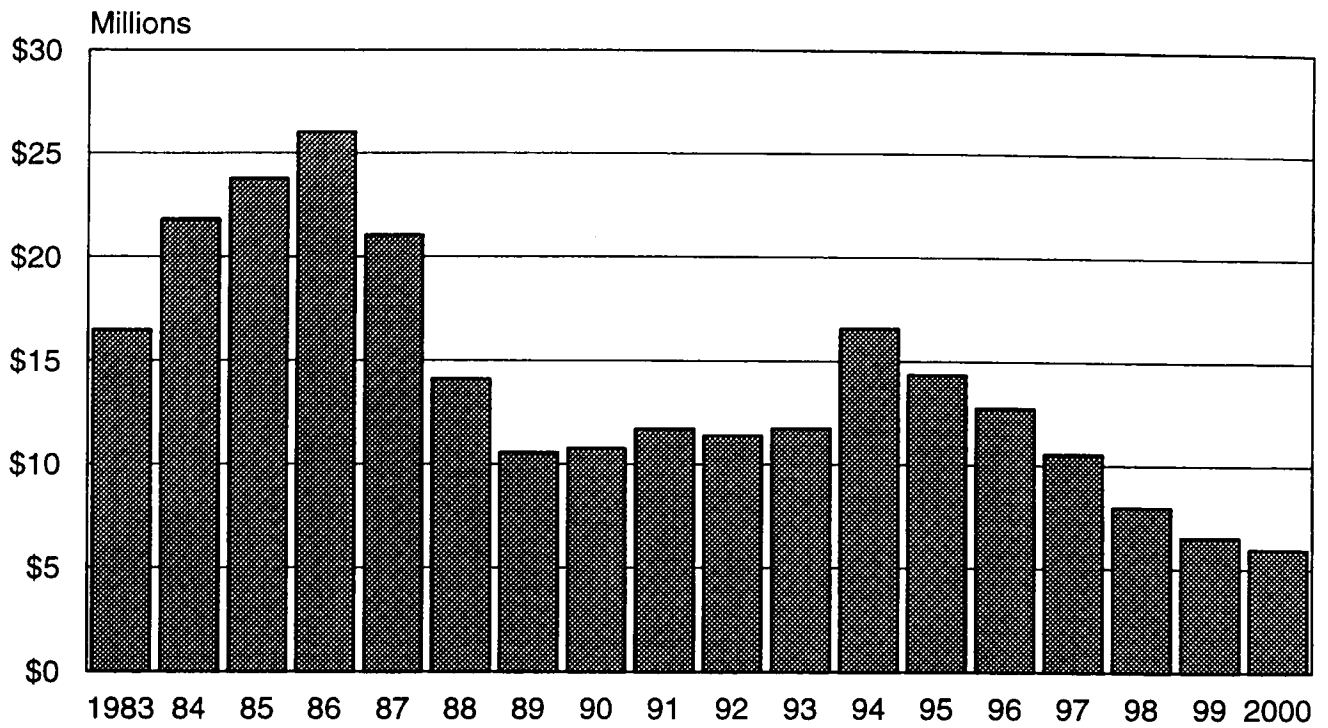
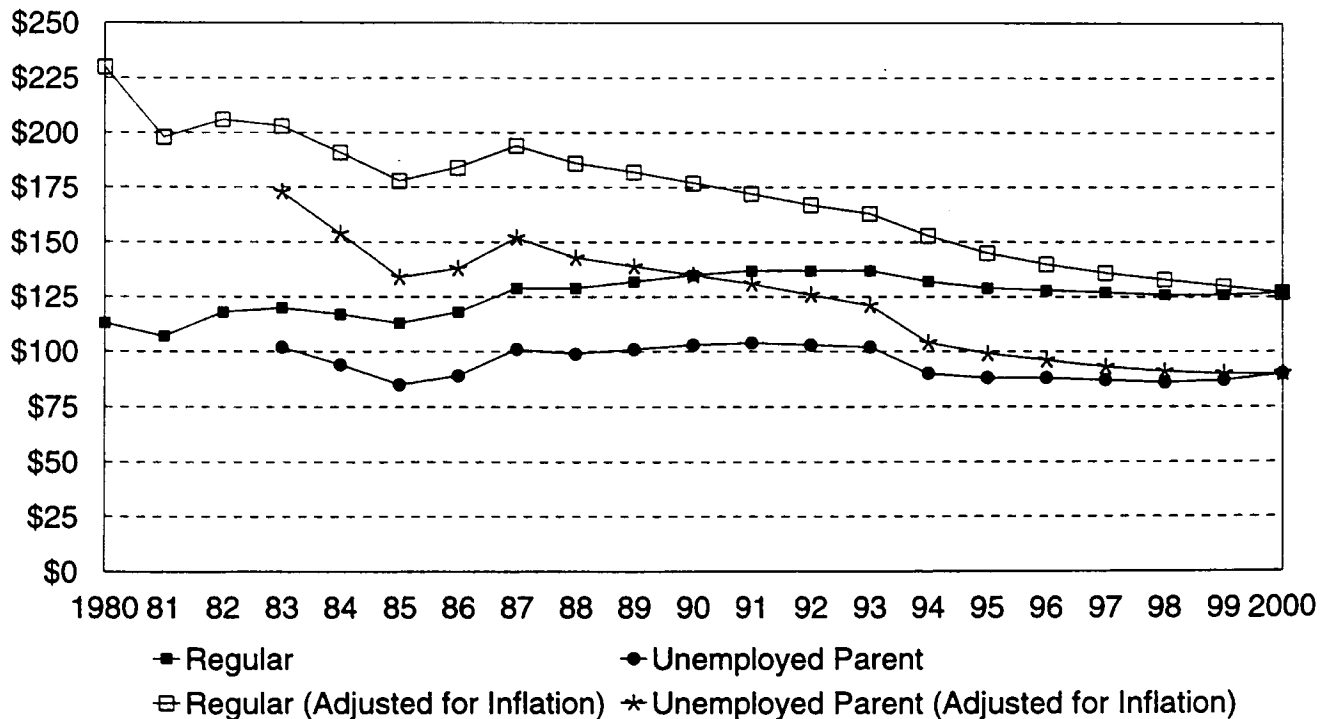


Figure 5. Average monthly FIP payments (in \$s and 2000 \$s adjusted for inflation) per recipient, 1980–2000.



Children in Foster Care in Iowa's Counties: 1997-2000

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Information on the number of children in foster care is reported each month by the Iowa Department of Human Services. These data were summed over the months in each calendar year and divided by 12 to yield average monthly numbers.

In 2000, nearly 4,700 children were in foster care in an average month (Table 1). That figure was little changed from the one reported in 1999, although it was a decrease of 100 from the 1998 average of 4,800 and 400 from the 1997 average of 5,100. Nine counties (Black Hawk, Dubuque, Johnson, Linn, Polk, Pottawattamie, Scott, Webster, Woodbury) averaged at least 100 children in foster care in 2000; these nine accounted for more than half (53.7%) the total that year. Polk's 730 children in foster care, which was substantially higher than any other county, was 15.6 percent of the state's total. Twenty-one counties reported fewer than 10 children under such care in 2000, with the lowest average (3) occurring in Adams.

Changes among the averages between 1997 and 2000 were minimal in many counties. For example, the number of children in foster care remained the same or changed by less than 5 in 43 counties. Eleven noted gains of at least 10 foster children, although only Pottawattamie had an increase greater than 25. Nineteen counties had declines of at least 10 when 1997 and 2000 were compared, with the decreases exceeding 25 in Black Hawk, Cerro Gordo, Polk, Scott, and Woodbury.

Note: Because of changes in the manner in which the numbers are reported, figures on children in foster care included in editions of this volume before 1996 should not be compared with those in Table 1.

Table 1. Average Monthly Number of Children in Foster Care in Iowa's Counties, 1997-2000.

County	2000	1999	1998	1997	County	2000	1999	1998	1997
Adair	13	10	7	6	Jefferson	21	19	26	28
Adams	3	3	5	8	Johnson	131	139	122	119
Allamakee	16	27	25	7	Jones	23	15	22	26
Appanoose	48	47	49	62	Keokuk	16	17	19	18
Audubon	9	13	17	11	Kossuth	11	5	4	10
Benton	43	44	42	52	Lee	69	58	47	46
Black Hawk	218	226	246	305	Linn	364	359	352	351
Boone	48	36	32	36	Louisa	9	14	17	17
Bremer	20	14	12	21	Lucas	13	14	9	10
Buchanan	38	37	36	50	Lyon	19	14	9	11
Buena Vista	32	35	32	19	Madison	20	14	16	0
Butler	12	10	11	17	Mahaska	26	31	35	40
Calhoun	9	11	8	6	Marion	26	40	34	33
Carroll	22	17	20	26	Marshall	53	56	62	68
Cass	17	12	18	20	Mills	14	14	21	22
Cedar	8	9	8	12	Mitchell	7	10	12	11
Cerro Gordo	83	80	96	155	Monona	14	21	18	19
Cherokee	22	22	12	9	Monroe	9	6	9	10
Chickasaw	9	12	12	8	Montgomery	15	20	22	25
Clarke	11	8	13	13	Muscatine	85	92	89	99
Clay	32	27	23	30	O'Brien	11	14	16	20
Clayton	12	12	9	13	Osceola	4	4	4	3
Clinton	89	80	90	86	Page	25	28	18	26
Crawford	22	20	14	13	Palo Alto	10	8	9	12
Dallas	61	60	68	56	Plymouth	24	17	20	18
Davis	9	6	8	8	Pocahontas	7	6	4	7
Decatur	5	8	8	7	Polk	730	716	743	817
Delaware	22	24	26	20	Pottawattamie	184	167	158	153
Des Moines	80	77	74	62	Poweshiek	31	27	32	41
Dickinson	30	30	30	29	Ringgold	4	7	8	4
Dubuque	119	115	111	124	Sac	11	7	4	5
Emmet	23	28	41	39	Scott	280	314	324	358
Fayette	37	33	32	32	Shelby	11	14	20	10
Floyd	25	26	23	26	Sioux	18	19	22	17
Franklin	12	13	12	11	Story	66	77	80	79
Fremont	14	12	16	14	Tama	41	49	54	36
Greene	24	27	20	13	Taylor	4	5	4	12
Grundy	11	11	6	1	Union	12	14	20	23
Guthrie	10	10	11	12	Van Buren	7	8	8	4
Hamilton	20	19	17	18	Wapello	86	84	96	89
Hancock	8	7	5	2	Warren	54	54	52	75
Hardin	23	27	20	29	Washington	45	42	47	40
Harrison	21	29	17	32	Wayne	9	8	10	9
Henry	23	21	21	32	Webster	103	90	89	114
Howard	7	8	10	6	Winnebago	8	8	5	1
Humboldt	17	15	12	13	Winneshiek	14	15	15	35
Ida	6	7	5	6	Woodbury	386	376	412	440
Iowa	18	20	19	10	Worth	6	9	6	1
Jackson	20	17	20	21	Wright	23	21	25	26
Jasper	47	45	48	43					
					State of Iowa	4684	4664	4762	5085

Founded Child Abuse in Iowa's Counties: 1984-2000

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Information on child abuse is compiled by the Iowa Department of Human Services. The department, among many other duties, investigates reported or suspected cases of child abuse. A case is classified as founded child abuse if the investigation results in a determination that child abuse, as legally defined in Chapter 232.68 of the Iowa Code, occurred. Physical abuse, sexual abuse, denial of critical care, or any combination of these categories is included.

For this report, the number of children involved in founded abuse cases was summed for each year. The same child may be counted more than once if he or she was involved in more than one founded incident during the year. In 1987, the Department of Human Services made some changes in the method of reporting child abuse information. These changes may affect comparisons of data before and after those dates. In addition, the 1996 and 1997 cases were reported for the state and regions but not for counties.

In 2000, 9,930 children were determined to be abused in Iowa, a number only 37 below the highest figure reported (9,967 in 1995) (Table 1, Figure 1). Gains were relatively great between 1987 and 1988, 1992 and 1993, 1994 and 1995, and 1999 and 2000.

Polk had 1,548 children with founded abuse in 2000, the highest number reported among the state's 99 counties. Four other counties (Black Hawk, Linn, Pottawattamie, Scott) had at least 300 children abused; these four plus Polk accounted for more than one-third (36.6%) of the cases of child abuse in 2000. Fewer than 20 abused children were reported in eight counties.

The number of children with founded abuse decreased by 37 between 1995 and 2000. Thirty-five counties followed the state trend of decrease during this period. Declines greater than 100 occurred in Black Hawk, Polk, Scott, and Woodbury, while gains of that magnitude took place in Johnson and Lee. A third (33) of Iowa's counties changed by fewer than 10 cases in either direction between 1995 and 2000.

When the years of 1990 and 2000 were compared, the number of cases in which abuse was found increased by 1,715. Three-quarters (74) of the counties also had gains. Again, changes were modest for the most part, with 33 counties increasing or decreasing by fewer than 10 cases. Two counties (Story, Woodbury) had at least 100 fewer cases in 2000 than in 1990, while Cerro Gordo, Des Moines, Johnson, Lee, Pottawattamie, and Scott increased by a similar magnitude.

In 2000, 733,638 residents of Iowa were under the age of 18. Founded cases of abuse totaled 9,930; thus, about 1.4 percent of all youth in Iowa were in situations in which abuse was found to have occurred. In 1990, the percentage was slightly lower at 1.1 (8,215 founded cases of abuse/718,880 residents 17 or younger). Of course, caution is suggested when examining these percentages because some children are part of more than one founded case in a year.

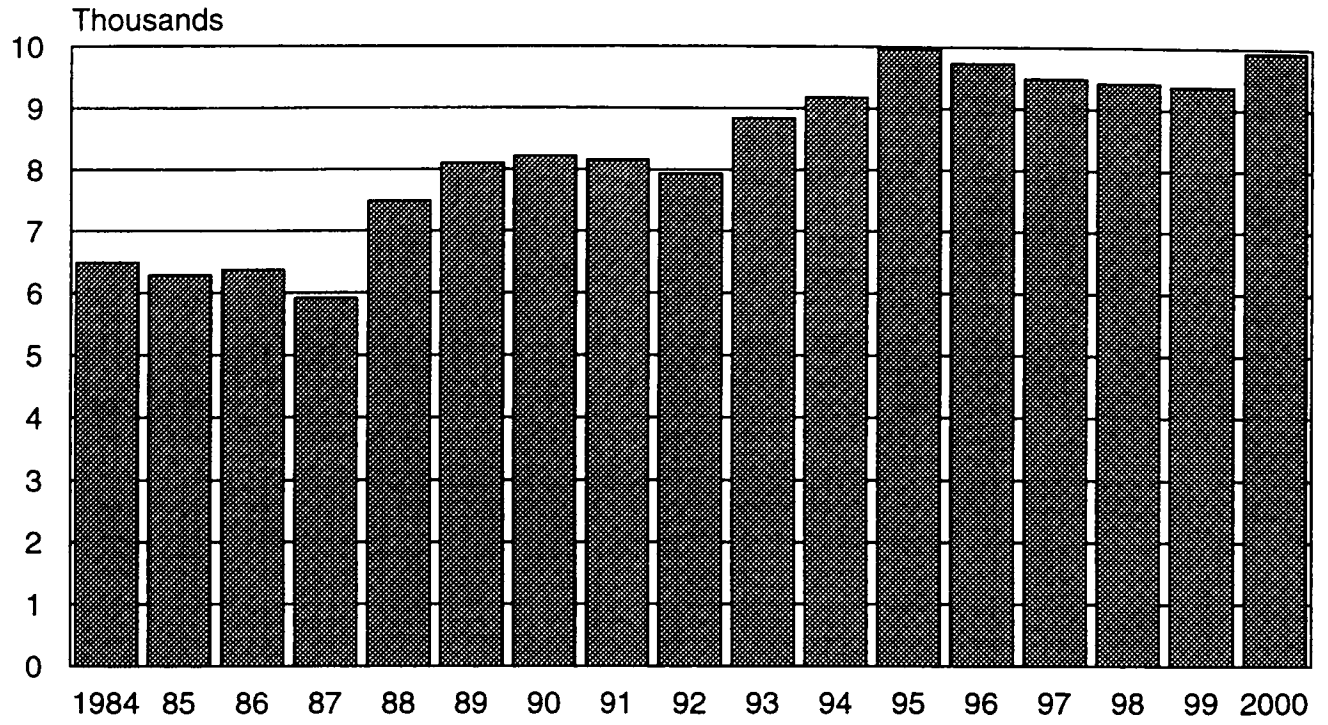
Table 1. Number of Children in Founded Cases of Child Abuse in Iowa's Counties, 1984-1995 and 1998-2000.*

County	2000	1999	1998	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984
Adair	24	21	24	17	30	13	16	14	22	12	3	10	13	20	14
Adams	12	18	11	4	6	13	13	13	8	3	11	4	6	6	5
Allamakee	29	44	33	43	16	25	31	35	46	37	20	17	26	16	13
Appanoose	62	51	48	40	20	44	38	24	16	24	18	15	25	8	35
Audubon	26	11	4	24	22	13	8	8	18	17	17	24	7	5	23
Benton	92	111	131	119	67	69	28	56	47	62	46	39	40	30	27
Black Hawk	538	505	500	657	661	608	497	472	459	471	482	368	437	324	307
Boone	53	82	74	65	90	59	79	113	109	168	113	46	39	65	107
Bremer	40	39	37	24	33	29	38	20	20	31	29	19	30	23	26
Buchanan	117	94	84	64	42	60	43	40	29	37	54	40	59	49	21
Buena Vista	55	59	87	56	48	55	58	45	45	58	34	20	29	27	82
Butler	34	42	33	38	21	26	27	31	15	32	32	10	11	16	11
Calhoun	23	32	20	33	16	21	14	36	36	11	20	13	5	18	20
Carroll	30	22	33	53	32	36	15	50	37	38	41	41	9	27	21
Cass	40	32	42	44	14	43	29	27	31	26	37	29	18	23	27
Cedar	44	43	26	30	55	51	37	22	32	36	24	16	24	29	32
Cerro Gordo	258	283	234	251	205	225	161	173	121	149	130	87	102	69	83
Cherokee	38	49	33	19	33	19	15	26	27	36	18	9	16	25	26
Chickasaw	18	29	29	41	25	47	19	18	26	30	16	17	19	25	14
Clarke	44	33	32	36	40	23	31	25	22	37	29	13	10	22	7
Clay	76	43	28	56	54	54	65	57	69	56	65	41	50	38	38
Clayton	46	46	31	44	33	27	26	44	51	65	33	38	18	42	28
Clinton	151	105	133	163	162	188	147	119	150	144	128	127	119	140	154
Crawford	82	50	70	76	47	36	24	44	44	49	41	19	23	18	33
Dallas	94	96	107	97	84	62	52	95	69	78	74	85	64	42	58
Davis	40	19	12	8	8	21	24	14	19	13	17	14	7	20	18
Decatur	37	35	35	17	42	42	36	40	28	23	24	13	23	16	17
Delaware	54	54	47	36	33	20	39	55	65	91	68	55	47	37	85
Des Moines	249	246	217	167	170	129	135	109	121	132	91	98	127	108	119
Dickinson	42	26	24	54	52	28	39	25	33	45	22	31	24	16	12
Dubuque	255	298	276	200	170	235	199	185	198	187	178	106	106	176	162
Emmet	49	56	32	45	41	41	39	39	26	28	32	18	31	16	17
Fayette	99	103	71	45	48	63	46	52	73	46	38	62	46	53	48
Floyd	95	67	67	72	79	68	74	56	46	42	36	42	29	30	13
Franklin	24	18	11	13	18	12	11	25	16	24	22	10	10	19	14
Fremont	12	18	10	20	18	19	22	11	19	20	26	10	6	8	3
Greene	37	36	39	48	47	46	18	39	24	34	15	21	25	18	29
Grundy	23	18	17	18	15	22	13	16	10	17	11	9	6	6	2
Guthrie	26	37	32	48	38	22	36	18	24	22	17	24	14	18	23
Hamilton	65	52	73	62	77	57	63	83	74	56	34	27	26	24	31
Hancock	44	29	33	33	16	39	24	15	12	27	13	16	24	13	17
Hardin	57	41	21	42	36	11	18	21	31	39	41	27	34	32	22
Harrison	41	50	41	31	53	29	58	35	49	54	61	44	42	28	36
Henry	72	65	97	38	34	27	42	56	43	35	42	33	36	39	39
Howard	29	30	41	23	18	14	14	17	18	14	14	12	16	19	17
Humboldt	36	14	20	23	26	24	10	16	19	29	7	10	13	13	32
Ida	15	19	17	18	14	10	8	15	7	21	10	2	3	3	3
Iowa	36	37	43	39	13	42	24	9	22	24	23	17	18	11	14
Jackson	62	48	45	43	71	58	47	45	58	40	34	58	41	43	41
Jasper	110	72	76	138	126	104	109	129	135	90	131	80	159	209	171

*Data for 1996 and 1997 were not reported for counties. The state totals were 9,728 in 1996 and 9,489 in 1997.

Table 1. Number of Children in Founded Cases of Child Abuse in Iowa's Counties, 1984-1995 and 1998-2000 (continued).*

County	2000	1999	1998	1995	1994	1993	1992	1991	1990	1989	1988	1987	1986	1985	1984
Jefferson	55	71	31	20	39	44	29	35	19	23	21	17	29	20	23
Johnson	252	238	239	113	151	155	137	114	135	130	110	89	98	80	68
Jones	39	37	52	13	34	30	54	38	35	32	39	32	49	45	65
Keokuk	51	67	34	39	20	31	25	32	26	20	17	8	9	22	29
Kossuth	34	38	49	38	26	35	52	22	12	13	5	15	14	10	24
Lee	217	283	253	111	125	113	106	114	110	102	111	121	146	190	182
Linn	502	463	524	444	422	455	394	460	469	586	476	371	434	405	492
Louisa	56	30	46	35	44	35	10	34	38	34	28	12	21	24	20
Lucas	28	22	34	16	14	21	28	11	10	6	5	8	7	16	12
Lyon	12	13	28	21	13	15	10	15	15	7	12	13	4	13	9
Madison	28	29	43	28	30	26	16	25	31	32	26	30	23	21	13
Mahaska	80	32	47	58	43	32	51	49	37	23	31	29	28	37	41
Marion	60	90	99	69	92	91	107	119	98	105	120	79	119	92	60
Marshall	145	110	133	121	139	116	81	85	117	155	135	112	116	88	86
Mills	56	38	34	91	59	72	42	40	30	44	55	28	22	21	16
Mitchell	27	13	8	18	18	32	26	14	12	7	13	12	14	1	4
Monona	22	10	21	40	19	6	13	28	27	9	13	16	7	16	17
Monroe	24	24	12	10	19	19	24	25	15	7	6	7	12	9	5
Montgomery	50	31	42	20	31	21	24	31	16	31	20	37	21	11	20
Muscatine	253	249	195	223	342	277	205	276	222	182	138	91	85	129	141
O'Brien	21	15	27	28	44	16	32	14	21	15	17	7	13	12	3
Osceola	16	13	6	11	8	10	10	12	15	9	12	1	10	14	3
Page	37	34	46	49	29	38	61	30	64	57	50	22	19	13	39
Palo Alto	65	25	36	19	18	31	19	20	31	12	23	17	25	21	34
Plymouth	39	38	28	23	35	14	20	35	54	34	27	29	15	23	28
Pocahontas	30	27	23	19	19	18	8	12	28	23	19	21	16	7	27
Polk	1548	1351	1518	2121	1777	1803	1474	1528	1478	1348	1518	1189	1271	1093	1122
Pottawattamie	350	323	293	324	332	377	302	273	245	249	265	290	339	372	316
Poweshiek	84	79	93	82	56	51	22	28	27	39	28	31	37	16	27
Ringgold	18	18	18	22	16	18	23	15	9	6	4	8	13	13	7
Sac	42	41	36	40	39	42	41	20	37	28	21	17	9	27	12
Scott	697	653	753	846	643	642	584	539	522	428	423	342	397	425	543
Shelby	47	35	28	5	19	15	28	19	9	14	18	11	10	4	11
Sioux	50	47	33	23	22	14	24	30	16	32	19	31	10	16	16
Story	76	82	97	94	119	118	85	120	178	154	134	63	86	70	29
Tama	106	75	104	96	88	40	46	34	52	52	66	51	52	27	24
Taylor	12	21	11	12	7	6	18	22	16	14	21	7	10	9	11
Union	57	78	70	46	81	60	65	47	65	51	45	31	44	60	51
Van Buren	54	56	39	24	12	29	6	16	17	8	13	4	8	11	19
Wapello	139	173	171	169	128	113	140	130	124	161	106	94	93	115	124
Warren	75	53	69	95	77	117	112	148	126	94	142	94	99	111	99
Washington	74	94	40	72	45	45	38	49	54	42	34	24	16	21	16
Wayne	27	9	28	22	32	24	33	9	6	18	1	3	8	7	7
Webster	187	206	162	168	103	108	148	154	195	154	131	102	109	130	161
Winnebago	43	38	30	54	50	46	27	14	17	27	21	25	9	15	15
Winneshiek	27	46	25	24	28	26	20	48	32	50	23	47	9	16	17
Woodbury	297	369	372	473	441	267	390	430	507	497	357	208	222	259	169
Worth	26	18	21	24	19	46	21	12	13	18	11	7	7	8	7
Wright	60	36	38	74	73	40	40	39	51	50	14	21	30	20	23
County Not Reported	0	4	2	5	13	5	4	8	13	3	17	8	16	14	5
State of Iowa	9930	9373	9422	9967	9172	8834	7934	8154	8215	8095	7483	5918	6372	6281	6489

Figure 1. Abused children in Iowa, 1984–2000.

Licensed Hospitals/Beds and Nursing Facilities/Beds in Iowa's Counties: 1994-2000

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Willis Goudy, Iowa State University
Bev Brown, Iowa Department of Inspections and Appeals

Information on health care facilities throughout the state is obtained by the Division of Health Facilities in the Iowa Department of Inspections and Appeals. Numbers of licensed hospitals and nursing facilities as well as the beds counted in each type are taken from the last report for a calendar year, which usually means the end of December.

Licensed Hospital Facilities

There were 123 licensed hospitals in Iowa in December of 2000 (Table 1). Butler, Cedar, Louisa, Tama, Taylor, Warren, Winnebago, and Worth were the only counties that had no licensed hospital. Black Hawk, Johnson, Page, Polk, and Sioux each had at least three hospitals. Of the remaining 86 counties, 67 had one and 19 had two hospitals.

No county gained a licensed hospital facility during the period examined; Story and Hardin each declined by one. As a result, the state had two fewer licensed hospitals in 2000 than it did six years earlier.

Licensed Hospital Beds

In 2000, one of every five (21.9%) of the 14,634 licensed hospital beds were located in just two counties—Johnson and Polk (Table 1). Black Hawk, Boone, Dubuque, Linn, Mills, and Scott were the only others with more than 500 hospital beds. Among counties with hospital facilities, fewer than 25 beds were reported in Adams, Chickasaw, Lucas, Madison, and Ringgold.

The state had 537 fewer hospital beds in 2000 than in 1996, the year during the period examined with the highest count. Thirty-seven counties reported decreases; in Pottawattamie and Woodbury, declines exceeded 100 beds. Among the eight counties with gains, at least 100 more beds were counted in 2000 than in 1996 only in Polk. In 54 counties, the number of hospital beds in 2000 equaled that reported in 1996. In 21 counties, gains or declines amounted to 10 or fewer beds. Thus, no or minimal change in licensed hospital beds occurred in three-quarters (75) of the counties.

Licensed Nursing Facilities

As of December of 2000, there were 426 licensed nursing facilities in Iowa (Table 2). Every county reported at least one such facility that year; five counties (Black Hawk, Linn, Polk, Scott, Woodbury) had more than 10.

The number of licensed nursing facilities decreased by one statewide over the years studied. Linn had a gain of two such facilities, while Hardin, Howard, and Mills had one more at the end of the period than at the beginning. Decatur, Jasper, Mahaska, Marshall, Scott, and Wapello each declined by one licensed nursing facility.

Table 1. Number of Licensed Hospitals and Hospital Beds in Iowa's Counties, 1994-2000.

County	Licensed Hospitals							Licensed Hospital Beds						
	2000	1999	1998	1997	1996	1995	1994	2000	1999	1998	1997	1996	1995	1994
Adair	1	1	1	1	1	1	1	25	31	31	31	31	31	31
Adams	1	1	1	1	1	1	1	22	22	22	22	22	22	29
Allamakee	1	1	1	1	1	1	1	25	40	40	40	40	40	40
Appanoose	1	1	1	1	1	1	1	54	54	54	54	49	49	49
Audubon	1	1	1	1	1	1	1	29	29	29	29	29	29	29
Benton	1	1	1	1	1	1	1	97	97	31	31	31	31	31
Black Hawk	3	3	3	3	3	3	3	610	610	616	616	687	687	687
Boone	2	2	2	2	2	2	2	696	696	696	696	696	696	696
Bremer	2	2	2	2	2	2	2	74	74	74	70	74	67	74
Buchanan	2	2	2	2	2	2	2	260	260	270	290	290	263	263
Buena Vista	1	1	1	1	1	1	1	54	54	54	54	54	54	54
Butler	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calhoun	1	1	1	1	1	1	1	49	49	49	53	53	53	53
Carroll	2	2	2	2	2	2	2	229	229	229	229	229	166	229
Cass	1	1	1	1	1	1	1	69	69	69	71	71	75	75
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerro Gordo	1	1	1	1	1	1	1	350	350	350	350	350	350	350
Cherokee	2	2	2	2	2	2	2	135	135	135	135	177	199	199
Chickasaw	1	1	1	1	1	1	1	22	22	22	12	49	49	49
Clarke	1	1	1	1	1	1	1	48	48	48	48	48	48	48
Clay	1	1	1	1	1	1	1	99	99	99	99	99	99	99
Clayton	2	2	2	2	2	2	2	58	58	58	58	58	58	58
Clinton	2	2	2	2	2	2	2	253	253	253	272	195	195	195
Crawford	1	1	1	1	1	1	1	72	72	72	72	72	48	72
Dallas	1	1	1	1	1	1	1	49	49	49	49	53	53	53
Davis	1	1	1	1	1	1	1	80	80	80	80	80	48	48
Decatur	1	1	1	1	1	1	1	49	49	49	49	49	49	49
Delaware	1	1	1	1	1	1	1	37	37	37	37	49	58	58
Des Moines	1	1	1	1	1	1	1	313	380	380	380	380	221	221
Dickinson	1	1	1	1	1	1	1	49	49	49	49	49	49	49
Dubuque	2	2	2	2	2	2	2	649	649	649	649	649	649	649
Emmet	1	1	1	1	1	1	1	58	58	58	58	58	58	58
Fayette	2	2	2	2	2	2	2	89	94	94	94	94	55	59
Floyd	1	1	1	1	1	1	1	35	35	35	35	35	35	35
Franklin	1	1	1	1	1	1	1	77	92	92	92	92	40	40
Fremont	1	1	1	1	1	1	1	25	28	26	49	49	49	49
Greene	1	1	1	1	1	1	1	127	127	117	127	127	127	53
Grundy	1	1	1	1	1	1	1	80	80	75	88	88	88	88
Guthrie	1	1	1	1	1	1	1	25	26	26	26	26	26	27
Hamilton	1	1	1	1	1	1	1	40	40	40	40	42	49	49
Hancock	1	1	1	1	1	1	1	25	26	26	26	26	26	30
Hardin	1	2	2	2	2	2	2	42	51	58	60	60	60	60
Harrison	1	1	1	1	1	1	1	25	35	35	35	35	35	35
Henry	2	2	2	2	2	2	2	139	139	139	139	139	139	121
Howard	1	1	1	1	1	1	1	32	32	32	32	32	42	42
Humboldt	1	1	1	1	1	1	1	49	49	49	49	49	49	49
Ida	1	1	1	1	1	1	1	36	36	36	36	36	36	36
Iowa	1	1	1	1	1	1	1	25	44	44	44	44	44	44
Jackson	1	1	1	1	1	1	1	61	61	61	61	61	61	61
Jasper	1	1	1	1	1	1	1	68	68	68	50	64	50	50

Table 1. Number of Licensed Hospitals and Hospital Beds in Iowa's Counties, 1994-2000 (continued).

County	Licensed Hospitals							Licensed Hospital Beds						
	2000	1999	1998	1997	1996	1995	1994	2000	1999	1998	1997	1996	1995	1994
Jefferson	1	1	1	1	1	1	1	67	67	67	83	83	83	83
Johnson	3	3	3	3	3	3	3	1070	1092	1125	1102	1102	1102	1161
Jones	1	1	1	1	1	1	1	25	38	38	38	38	38	38
Keokuk	1	1	1	1	1	1	1	25	25	25	25	26	26	26
Kossuth	1	1	1	1	1	1	1	40	40	40	40	40	40	40
Lee	2	2	2	2	2	2	2	175	175	175	175	175	242	167
Linn	2	2	2	2	2	2	2	803	803	809	853	766	749	803
Louisa	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lucas	1	1	1	1	1	1	1	22	22	22	22	22	44	44
Lyon	1	1	1	1	1	1	1	30	30	30	30	30	30	30
Madison	1	1	1	1	1	1	1	21	31	31	31	31	24	31
Mahaska	1	1	1	1	1	1	1	57	77	77	77	77	77	53
Marion	2	2	2	2	2	2	2	215	215	215	215	215	106	106
Marshall	1	1	1	1	1	1	1	124	124	132	132	132	132	132
Mills	1	1	1	1	1	1	1	851	851	851	851	851	851	851
Mitchell	1	1	1	1	1	1	1	25	40	40	40	40	40	40
Monona	1	1	1	1	1	1	1	48	48	48	48	48	48	48
Monroe	1	1	1	1	1	1	1	38	38	46	46	46	46	46
Montgomery	1	1	1	1	1	1	1	40	40	40	40	40	40	40
Muscatine	1	1	1	1	1	1	1	80	80	80	80	80	80	80
O'Brien	2	2	2	2	2	2	2	42	44	44	47	47	53	53
Osceola	1	1	1	1	1	1	1	32	32	32	32	32	32	32
Page	3	3	3	3	3	3	3	155	155	155	155	155	155	155
Palo Alto	1	1	1	1	1	1	1	54	54	54	54	54	32	32
Plymouth	1	1	1	1	1	1	1	44	44	44	44	44	44	44
Pocahontas	1	1	1	1	1	1	1	25	32	32	32	20	20	20
Polk	5	5	5	5	5	5	5	2134	2033	2033	1833	1833	2019	2041
Pottawattamie	2	2	2	2	2	2	2	297	297	322	449	449	449	495
Poweshiek	1	1	1	1	1	1	1	46	46	46	46	46	46	46
Ringgold	1	1	1	1	1	1	1	22	46	46	46	46	46	46
Ringgould	1	1	1	1	1	1	1	54	54	54	54	54	54	33
Sac	1	1	1	1	1	1	1	54	54	54	54	54	54	33
Scott	2	2	2	2	2	2	2	652	651	651	651	652	652	652
Shelby	1	1	1	1	1	1	1	49	49	49	45	45	45	45
Sioux	4	4	4	4	4	4	4	216	303	304	226	226	200	141
Story	2	2	2	2	2	3	3	342	342	342	342	342	378	378
Tama	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Taylor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union	1	1	1	1	1	1	1	53	53	53	53	53	53	53
Van Buren	1	1	1	1	1	1	1	40	40	40	40	40	40	40
Wapello	1	1	1	1	1	1	1	235	235	235	235	235	235	235
Warren	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	1	1	1	1	1	1	1	40	40	40	40	40	40	40
Wayne	1	1	1	1	1	1	1	28	28	28	28	28	28	28
Webster	1	1	1	1	1	1	1	151	174	174	174	174	194	194
Winnebago	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Winneshiek	1	1	1	1	1	1	1	57	57	57	57	57	57	83
Woodbury	2	2	2	2	2	2	2	449	434	651	656	731	812	812
Worth	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wright	2	2	2	2	2	2	2	47	47	56	54	56	54	55
State of Iowa	123	124	124	124	124	125	125	14634	14891	15138	15087	15171	15041	15095

Table 2. Number of Licensed Nursing Facilities and Nursing Facility Beds in Iowa's Counties, 1994-2000.

County	Licensed Nursing Facilities							Licensed Nursing Facility Beds						
	2000	1999	1998	1997	1996	1995	1994	2000	1999	1998	1997	1996	1995	1994
Adair	3	3	3	3	3	3	3	185	185	185	180	180	180	180
Adams	1	1	1	1	1	1	1	64	64	64	64	64	64	64
Allamakee	4	4	4	4	4	4	4	279	279	279	279	279	279	279
Appanoose	2	2	2	2	2	2	2	197	197	197	197	197	197	197
Audubon	2	2	2	2	2	2	2	156	156	156	156	163	163	163
Benton	3	3	3	3	3	3	3	176	176	176	176	176	176	176
Black Hawk	11	11	11	11	11	11	11	1189	1216	1231	1231	1231	1231	1231
Boone	5	5	5	5	5	5	5	468	468	484	484	484	484	484
Bremer	4	4	4	4	4	4	4	310	312	315	315	320	320	310
Buchanan	2	2	2	2	2	2	2	156	156	156	156	156	156	156
Buena Vista	5	5	5	5	5	5	5	323	323	328	328	328	328	328
Butler	6	6	6	6	6	6	6	315	315	301	301	296	296	296
Calhoun	4	4	4	4	4	4	4	256	256	266	266	271	280	280
Carroll	3	3	3	3	3	3	3	246	246	246	257	257	257	257
Cass	4	4	4	4	4	4	4	294	294	296	296	296	296	296
Cedar	4	4	4	4	4	4	4	240	240	240	240	240	240	240
Cerro Gordo	6	6	6	6	6	6	6	716	738	738	738	738	738	674
Cherokee	5	5	5	5	5	5	5	242	244	302	302	302	302	302
Chickasaw	3	3	3	3	3	3	3	215	216	220	220	220	200	200
Clarke	1	1	1	1	1	1	1	101	101	101	101	101	101	101
Clay	2	2	2	2	2	2	2	254	254	254	254	254	254	254
Clayton	4	4	4	4	4	4	4	292	292	292	292	292	287	287
Clinton	4	4	4	4	4	4	4	434	434	434	434	434	434	434
Crawford	3	3	3	3	3	3	3	225	225	225	225	225	225	225
Dallas	7	7	7	7	7	7	7	423	428	434	434	434	434	420
Davis	1	1	1	1	1	1	1	104	104	104	104	104	104	104
Decatur	2	2	2	3	3	3	3	142	142	142	203	203	203	203
Delaware	2	2	2	2	2	2	2	180	180	177	169	169	169	169
Des Moines	5	5	5	5	5	5	5	373	383	393	393	393	393	393
Dickinson	3	3	3	3	3	3	3	238	238	238	238	238	238	238
Dubuque	9	9	9	9	9	9	9	872	888	883	867	867	860	860
Emmet	3	3	3	3	3	3	3	243	243	251	251	251	251	251
Fayette	4	4	4	4	4	4	4	285	285	285	285	285	285	285
Floyd	5	5	5	5	5	5	5	325	325	335	335	335	335	335
Franklin	2	2	2	2	2	2	2	161	161	161	161	161	161	161
Fremont	2	2	2	2	2	2	2	163	183	183	183	183	183	183
Greene	1	1	1	1	1	1	1	93	93	93	93	93	93	93
Grundy	3	3	3	3	3	3	3	141	141	141	141	141	141	141
Guthrie	4	4	4	4	4	4	4	267	267	267	267	267	267	267
Hamilton	3	3	3	3	3	3	3	242	242	242	242	242	242	242
Hancock	3	3	3	3	3	3	3	189	189	189	189	189	189	177
Hardin	6	6	6	6	5	5	5	434	434	434	434	374	374	369
Harrison	4	4	4	4	4	4	4	370	370	358	358	336	336	336
Henry	5	5	5	5	5	5	5	261	265	283	283	283	279	279
Howard	4	4	4	4	4	4	3	224	224	224	224	224	224	200
Humboldt	2	2	2	2	2	2	2	150	150	150	150	150	150	150
Ida	3	3	3	3	3	3	3	193	193	193	193	193	193	193
Iowa	4	4	4	4	4	4	4	229	229	229	229	225	225	225
Jackson	3	3	3	3	3	3	3	235	235	235	235	235	235	235
Jasper	7	8	8	8	8	8	8	427	472	472	472	472	472	472

Table 2. Number of Licensed Nursing Facilities and Nursing Facility Beds in Iowa's Counties, 1994-2000
(continued).

County	Licensed Nursing Facilities							Licensed Nursing Facility Beds						
	2000	1999	1998	1997	1996	1995	1994	2000	1999	1998	1997	1996	1995	1994
Jefferson	2	2	2	2	2	2	2	175	175	175	175	175	175	175
Johnson	7	7	7	7	7	7	7	458	458	458	458	458	458	458
Jones	2	2	2	2	2	2	2	209	209	209	209	209	209	209
Keokuk	3	3	3	3	3	3	3	193	193	194	194	194	194	194
Kossuth	4	4	4	4	4	4	4	267	271	271	271	271	271	271
Lee	6	6	6	6	6	6	6	509	489	501	501	501	501	501
Linn	14	14	14	14	14	13	12	1205	1205	1205	1205	1205	1189	1129
Louisa	3	3	3	3	3	3	3	174	174	174	174	174	174	174
Lucas	1	1	1	1	1	1	1	130	130	130	130	130	130	130
Lyon	4	4	4	4	4	4	4	216	216	216	216	216	216	216
Madison	4	4	4	4	4	4	4	248	248	248	248	248	248	248
Mahaska	3	3	3	3	3	3	4	192	192	192	192	192	192	295
Marion	3	3	3	3	3	3	3	230	230	230	230	230	230	230
Marshall	5	5	5	5	6	6	6	1096	1096	1096	1096	1176	1176	1176
Mills	3	3	3	3	4	2	2	173	163	163	163	185	141	141
Mitchell	5	5	5	5	5	5	5	285	285	295	298	298	309	309
Monona	3	3	3	3	3	3	3	297	297	297	297	297	289	289
Monroe	2	2	2	2	2	2	2	154	154	154	154	154	154	154
Montgomery	4	4	4	4	4	4	4	296	296	296	296	296	304	288
Muscatine	5	5	5	5	5	5	5	490	491	491	491	491	474	474
O'Brien	5	5	5	5	5	5	5	254	254	263	263	261	261	261
Osceola	2	2	2	2	2	2	2	119	119	119	119	119	119	119
Page	4	4	4	4	4	4	4	319	319	319	331	331	331	331
Palo Alto	4	4	4	4	4	4	4	252	258	258	258	258	254	254
Plymouth	6	6	6	6	6	6	6	381	381	381	381	367	350	350
Pocahontas	4	4	4	4	4	4	4	189	189	189	189	204	204	204
Polk	27	27	28	28	28	28	27	2264	2326	2540	2535	2550	2508	2448
Pottawattamie	7	7	7	7	7	7	7	674	674	674	674	674	663	651
Poweshiek	5	5	5	5	5	5	5	326	326	326	326	326	326	322
Ringgold	2	2	2	2	2	2	2	150	150	150	150	150	150	150
Ringgold	2	2	2	2	2	2	2	150	150	150	150	150	150	150
Sac	4	4	4	4	4	4	4	267	271	271	271	271	271	271
Sac	4	4	4	4	4	4	4	267	271	271	271	271	271	271
Scott	11	11	11	11	12	12	12	1114	1114	1114	1119	1168	1168	1168
Scott	11	11	11	11	12	12	12	1114	1114	1114	1119	1168	1168	1168
Shelby	3	3	3	3	3	3	3	229	229	232	232	232	232	232
Shelby	3	3	3	3	3	3	3	229	229	232	232	232	232	232
Sioux	3	3	3	3	3	3	3	164	164	164	164	164	164	164
Sioux	3	3	3	3	3	3	3	164	164	164	164	164	164	164
Story	7	7	7	7	7	7	7	509	497	518	518	518	518	518
Story	7	7	7	7	7	7	7	509	497	518	518	518	518	518
Tama	5	5	5	5	5	5	5	350	369	369	369	369	369	369
Tama	5	5	5	5	5	5	5	350	369	369	369	369	369	369
Taylor	3	3	3	3	3	3	3	149	149	149	149	149	149	149
Taylor	3	3	3	3	3	3	3	149	149	149	149	149	149	149
Taylor	3	3	3	3	3	3	3	186	186	192	203	203	205	205
Union	3	3	3	3	3	3	3	186	186	192	203	203	205	205
Van Buren	1	1	1	1	1	1	1	75	75	75	75	75	75	75
Van Buren	1	1	1	1	1	1	1	75	75	75	75	75	75	75
Wapello	4	5	5	5	5	5	5	377	438	438	418	418	418	418
Wapello	4	5	5	5	5	5	5	377	438	438	418	418	418	418
Warren	7	7	7	7	7	7	7	523	523	523	523	503	503	503
Warren	7	7	7	7	7	7	7	523	523	523	523	503	503	503
Washington	5	5	5	5	5	5	5	368	388	388	388	388	388	380
Washington	5	5	5	5	5	5	5	368	388	388	388	388	388	380
Wayne	2	2	2	2	2	2	2	130	130	130	130	130	130	130
Wayne	2	2	2	2	2	2	2	130	130	130	130	130	130	130
Webster	7	7	7	7	7	7	7	726	726	726	726	726	726	712
Webster	7	7	7	7	7	7	7	726	726	726	726	726	726	712
Winnebago	3	3	3	3	3	3	3	223	223	223	223	223	223	223
Winnebago	3	3	3	3	3	3	3	223	223	223	223	223	223	223
Winneshiek	4	4	4	4	4	4	4	281	281	281	281	281	281	281
Winneshiek	4	4	4	4	4	4	4	281	281	281	281	281	281	281
Woodbury	11	11	11	11	11	11	11	1093	1093	1095	1095	1095	1077	1077
Woodbury	11	11	11	11	11	11	11	1093	1093	1095	1095	1095	1077	1077
Worth	2	2	2	2	2	2	2	149	149	149	149	149	149	149
Worth	2	2	2	2	2	2	2	149	149	149	149	149	149	149
Wright	4	4	4	4	4	4	4	279	278	278	278	278	278	278
Wright	4	4	4	4	4	4	4	279	278	278	278	278	278	278
State of Iowa	426	428	429	430	432	429	427	33414	33702	34111	34160	34231	34048	33848

Licensed Nursing Beds

At the end of 2000, there were more than 33,400 licensed nursing facility beds in Iowa (Table 2). Nearly a fourth (23.8%) of these beds were in Black Hawk, Linn, Marshall, Polk, Scott, or Woodbury, each of which counted more than 1,000 beds. Adams, Greene, and Van Buren were the only counties with fewer than 100 nursing facility beds.

As a result of the change in the number of facilities and changes within existing facilities, the state had 817 fewer beds in licensed nursing facilities in 2000 than in 1996, the year with the highest count. Bed numbers declined in 39 counties over this period and 11 had gains. A gain of at least 50 nursing beds occurred only in Hardin, while declines of that magnitude took place in Cherokee, Decatur, Marshall, Polk, and Scott. Two-thirds (68) of the counties remained the same or noted changes in the number of licensed nursing beds of less than 10 in either direction from 1996 to 2000.

Note: Due to payment issues, beds located in hospitals that are maintained for nursing care are counted as hospital beds rather than as beds in nursing facilities.

Public and Non-Public School Enrollment in Iowa's Counties: 1980, 1985, and 1990-2000

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Margaret Hanson, Iowa State University
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The Iowa Department of Education gathers information on Iowa's primary and secondary public and non-public educational institutions. Each year, the department obtains the number of students enrolled in the month of September. Information on enrollment is gathered at the school district level, not by residence of the students. Because school district boundaries do not necessarily correspond with county lines and because some districts have cooperative sharing agreements with other districts, students may have been counted in the enrollment of a county different from that in which they lived. For most students in the state, however, the county in which they live and the county in which they are counted as being enrolled are the same. Additional caution is merited because some districts have merged between 1980 and 2000, the years for which data are reported. That means the administrative headquarters, the location of which determines where students are counted, may have changed. Such changes will affect year-to-year comparisons.

Enrollment in Public Schools

In 2000, 489,300 students were enrolled in public schools in Iowa (Table 1). This was 7,100 more than the 482,200 reported in 1990 but 44,500 fewer than those enrolled in 1980. Declines occurred annually from 1980 through 1988; slight gains took place each year from 1988 to 1996, although small decreases then returned through 2000 (Figure 1).

Thirty-six counties had more students in public schools in 2000 than 10 years earlier; five (Dallas, Johnson, Linn, Polk, Pottawattamie) had at least 1,000 more. Black Hawk was the only county with a comparable decline (Figure 2).

Enrollment in Non-Public Schools

Nearly 41,100 non-public school students were enrolled in Iowa in 2000 (Table 2). This was down about 5,800 from the 46,900 reported in 1990 and 11,400 below the 1980 figure. In only two year-to-year comparisons during this period were there slight increases; there were 180 more non-public school students in 1988 than in 1987 and 99 more in 1993 than in 1992 (Figure 1).

Some counties had no students enrolled in non-public schools according to reports from the Iowa Department of Education. That does not necessarily mean that some students of non-public schools did not live in these counties; they could, but the location of the administrative headquarters could be in another county. It also could be that a school did not file an enrollment report.

Of the 64 counties with non-public school students in both 1990 and in 2000, 13 had increases among these students and 51 had decreases. Gains were less than 50 in 10 counties; Buchanan, Dallas, and Johnson increased by more than 50 in the last decade, topped by the gain of 120 in Dallas. Declines had a much greater range; 18 counties had decreases among non-public school students that were less than 50, but 15 dropped by more than 100. The greatest decrease occurred in Black Hawk (-970); Dubuque also reported a decline greater than 500.

Table 1. Public School Enrollment in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	1174	1098	1214	1253	1259	1281	1273	1226	1252	1184	1188	1248	1364
Adams	710	748	727	733	736	754	768	755	728	770	773	804	900
Allamakee	2591	2650	2750	2773	2767	2767	2832	2776	2774	2762	2744	2882	3383
Appanoose	2321	2336	2343	2427	2478	2492	2460	2461	2524	2518	2502	2473	2798
Audubon	1110	1105	1137	1146	1162	1191	1178	1204	1237	1211	1211	1310	1499
Benton	4265	4244	4302	4273	4305	4172	4117	4121	4362	4322	4325	4306	4923
Black Hawk	17631	17656	17948	18317	18283	18445	18518	18449	18143	18625	18791	19539	21869
Boone	4208	4178	4153	4142	4218	4212	4123	4136	4099	4043	3992	3948	4258
Bremer	5054	5153	5308	5309	5677	5812	5815	5812	5774	5699	5594	6021	6697
Buchanan	3066	3189	3273	3302	3383	3422	3431	3410	3446	3382	3424	3273	3704
Buena Vista	3823	3905	3842	3892	3843	3897	3912	3898	3432	3445	3312	3076	3230
Butler	2063	2057	2097	2124	2170	2465	2670	2643	2656	2667	2769	2846	3291
Calhoun	2435	2472	2532	2571	2612	2639	2755	2698	2609	2602	2460	2536	2913
Carroll	3329	3340	3447	3371	3406	3239	3255	3313	3295	3179	3069	2653	2952
Cass	2915	2981	3048	3110	3180	3233	3230	3188	3194	3261	3236	3228	3566
Cedar	3632	3634	3647	3670	3672	3659	3629	3588	3674	3640	3671	3564	3981
Cerro Gordo	6914	7024	7183	7287	7413	7437	7408	7357	7321	7349	7320	7272	7721
Cherokee	2159	2235	2311	2318	2369	2737	2809	3082	2810	2794	2791	2873	3216
Chickasaw	2444	2511	2567	2626	2389	2392	2355	2352	2346	2339	2367	2566	3061
Clarke	1844	1857	1834	1782	1793	1789	1755	1713	1753	1745	1722	1656	1694
Clay	2768	2818	2886	2970	2986	3046	3057	3071	3458	3450	3419	3349	3513
Clayton	3396	3518	3579	3711	3724	3743	3760	3740	3737	3769	3780	3876	4135
Clinton	8580	8721	8822	8901	8951	9062	9186	9276	9365	9418	9325	9816	11262
Crawford	2660	2619	2611	2678	2621	2660	2751	2928	2956	3210	3243	3640	3788
Dallas	8668	8331	8074	8021	7757	7589	7250	7060	6887	6776	6627	6249	6456
Davis	1274	1221	1221	1251	1310	1319	1360	1388	1410	1423	1398	1492	1608
Decatur	1422	1545	1436	1420	1385	1385	1444	1342	1442	1460	1480	1533	1687
Delaware	3543	3584	3679	3793	3812	3811	3737	3754	3679	3608	3581	3394	3790
Des Moines	6951	7191	7091	7304	7482	7503	7615	7643	7645	7715	7762	7762	8607
Dickinson	2795	2838	2850	2844	2895	2856	2852	2747	2790	2771	2807	2789	2938
Dubuque	12530	12445	12254	12391	12520	12481	12367	12380	12063	11893	11869	12408	14644
Emmet	1908	1922	2027	2036	2083	2224	2248	2260	2247	2271	2278	2369	2677
Fayette	4258	4390	4376	4385	4421	4453	4514	4470	4481	4440	4449	4724	5665
Floyd	2898	2968	3011	3094	3136	3112	3185	3171	3224	3207	3174	3350	4004
Franklin	1819	1875	1911	1999	2165	2046	1905	1862	1968	1941	1985	1806	1945
Fremont	1560	1600	1621	1612	1650	1673	1679	1696	1692	1704	1688	1743	1769
Greene	2058	2067	2078	2024	2026	2004	1992	1975	1949	1996	1905	2019	2329
Grundy	2506	2543	2488	2974	3019	2752	2747	2727	2740	2261	2223	2488	2855
Guthrie	2362	2234	2331	2325	2326	2330	2347	2425	2411	2453	2477	2626	2885
Hamilton	2891	2974	2999	2990	3029	3072	3095	3050	3074	3088	3099	3107	3539
Hancock	2006	2049	2055	2103	2129	2070	2086	2320	2332	2397	2393	2404	2583
Hardin	3252	3410	3489	3541	3656	3672	3707	3714	3707	4022	3956	4086	4786
Harrison	3300	3408	3390	3381	3345	3349	3327	3010	3063	3032	3016	3105	3476
Henry	3807	3823	3863	3844	3773	3822	3950	3904	3960	3861	4161	3607	3764
Howard	1984	2028	2083	2158	2162	2246	2286	2191	2168	2143	2119	2103	2479
Humboldt	1898	1904	1920	1925	1923	1934	1936	1940	1916	1948	1912	1967	2339
Ida	1397	1434	1484	1546	1553	1578	1628	1750	1644	1585	1580	1446	1513
Iowa	2813	2835	2876	2785	2748	2716	3085	2991	2973	2913	2828	2698	3116
Jackson	3505	3547	3557	3590	3659	3655	3680	3732	3725	3675	3621	3809	4455
Jasper	6375	6375	6438	6329	6418	6365	6318	6492	6411	6439	6344	6463	7034

Table 1. Public School Enrollment in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	2037	2137	2197	2145	2134	2137	2030	2011	2014	2102	1977	2120	2596
Johnson	13161	13413	12994	12992	12787	12695	11985	11911	11654	11388	11070	10298	10596
Jones	3406	3391	3411	3482	3513	3523	3562	3523	3337	3211	3214	3470	3950
Keokuk	2290	2355	2384	2446	2471	2488	2445	2440	2399	2437	2447	2451	2618
Kossuth	2380	2528	2623	2694	2748	2712	2707	2727	2685	2679	2702	2718	3183
Lee	5930	6114	6189	6224	6341	6462	6536	6565	6540	6533	6380	6532	7035
Linn	32764	32448	32091	31895	31612	30981	30622	29881	29409	28745	28410	29454	33286
Louisa	2922	2965	2837	2925	2987	2992	2882	2848	2824	2720	2803	2824	3115
Lucas	1559	1546	1550	1620	1632	1581	1594	1620	1580	1583	1574	1647	1832
Lyon	1970	2088	2086	2190	2233	2279	2318	2293	2262	2256	2264	2239	2415
Madison	2946	2935	3011	2919	2893	2867	2842	2795	2845	2847	2813	2824	2972
Mahaska	3372	3335	3331	3326	3400	3305	3370	3321	3367	3286	3294	3262	3314
Marion	5911	5867	5833	5809	5773	5682	5608	5442	5462	5468	5424	5320	5634
Marshall	6618	6636	6560	6519	6529	6575	6482	6373	6414	6721	6816	6959	8043
Mills	2739	2729	2721	2749	2703	2641	2548	2619	2656	2586	2577	2612	2587
Mitchell	1852	1839	1858	1889	1917	1883	1894	1881	1839	1819	1810	1780	2142
Monona	1603	1603	1683	1712	1782	1818	1795	1826	1826	1858	1832	1879	2182
Monroe	1279	1293	1363	1369	1328	1366	1386	1364	1404	1376	1358	1410	1567
Montgomery	2065	2097	2089	2155	2153	2125	2127	2141	2137	2219	2165	2274	2309
Muscatine	7488	7459	7418	7499	7661	7600	7834	7740	7865	7842	7689	7536	7937
O'Brien	2762	2770	2865	2943	3023	3060	3013	2971	2969	2930	2926	2804	2994
Osceola	964	1022	1069	1067	1053	1046	1038	995	1019	984	955	949	1153
Page	2906	2903	3019	3120	3215	3014	3076	3090	3098	3161	3201	3169	3313
Palo Alto	1833	1885	1943	1999	2012	2044	2064	2100	2079	2076	2048	2038	2465
Plymouth	4472	4490	4565	4521	4549	4582	4454	4431	4364	4322	4182	3894	4265
Pocahontas	1289	1323	1372	1383	1390	1402	1381	1350	1670	1665	1798	1722	2045
Polk	61589	60511	60070	59685	58705	58132	57034	55975	55288	53999	53727	51299	54885
Pottawattamie	17152	16890	16835	16797	16950	16456	16100	16095	16065	16113	15931	15981	17599
Poweshiek	3049	3072	3078	3192	3247	3265	3188	3151	3090	3102	3011	3102	3517
Ringgold	934	899	943	968	1002	1016	1047	1018	1006	1037	1020	1009	1141
Sac	2100	2230	2270	2294	2336	2341	2394	2378	2402	2401	2478	2368	2654
Scott	27225	27650	27873	27800	28225	28126	28117	29535	28508	28422	27841	29035	32336
Shelby	2470	2606	2516	2578	2577	2770	2719	2704	2598	2486	2425	2451	2964
Sioux	4201	4293	4343	4362	4426	4398	4374	4358	4281	3888	4018	3737	3965
Story	10858	11099	11024	11048	11005	11084	11023	10910	11097	10506	10166	9543	10252
Tama	3383	3399	3419	2994	2991	3004	3060	3074	3507	3305	3279	3460	3988
Taylor	1214	1300	1325	1325	1335	1346	1326	1314	1291	1338	1368	1493	1597
Union	2113	2098	2226	2217	2231	2216	2258	2350	2321	2392	2375	2494	2674
Van Buren	1376	1364	1429	1475	1453	1456	1495	1478	1449	1431	1419	1503	1686
Wapello	6336	6329	6383	6486	6519	6510	6575	6614	6683	6667	6544	7121	7856
Warren	7687	7656	7607	7664	7639	7663	7666	7568	7312	7261	7127	6955	7467
Washington	3500	3530	3523	3575	3533	3465	3580	3501	3455	3495	3455	3398	3702
Wayne	1194	1144	1148	1198	1256	1265	1217	1202	1249	1280	1247	1259	1414
Webster	5591	5855	5830	6034	6209	6042	6057	6099	6052	6069	6130	6278	7358
Winnebago	2748	2812	2848	2829	2900	2990	2966	2920	2892	2860	2901	2759	2975
Winneshiek	2734	2722	2774	2861	2877	2863	2868	2870	2780	2725	2663	2573	2882
Woodbury	18405	18481	18388	18692	18562	18226	18081	17880	18030	18203	17661	16984	17994
Worth	1139	1165	1194	1180	1175	1192	1230	1201	1237	1217	1137	1279	1429
Wright	2895	2938	2968	3100	3128	3137	3184	2876	2813	2818	2759	2876	3212
State of Iowa	489283	491804	493239	496297	497899	496386	494539	492520	489670	486235	482171	483444	533756

Table 2. Non-Public School Enrollment in Iowa's Counties, 1980, 1985 and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	0	0	0	0	0	0	0	0	0	0	0	0	0
Adams	0	0	0	0	0	0	0	0	0	0	0	0	0
Allamakee	194	185	162	171	177	188	191	175	194	197	187	219	185
Appanoose	68	88	70	65	64	65	68	66	57	54	89	95	108
Audubon	0	0	0	0	0	0	0	0	0	0	0	0	0
Benton	101	110	114	115	123	130	128	128	132	123	161	131	164
Black Hawk	2862	3048	3115	3160	3252	3363	3272	3674	3727	3731	3832	3725	3781
Boone	216	230	224	249	273	270	251	245	242	252	277	329	242
Bremer	211	212	208	224	226	240	244	252	247	263	375	301	397
Buchanan	315	283	260	259	258	273	292	267	245	267	252	375	430
Buena Vista	384	403	430	458	462	448	444	440	346	327	335	348	372
Butler	0	0	0	0	0	0	0	0	0	0	0	0	0
Calhoun	0	0	0	0	0	0	0	0	0	0	0	0	0
Carroll	1397	1446	1499	1549	1629	1743	1778	1814	1807	1848	1862	2013	2441
Cass	0	0	0	0	0	0	0	0	0	0	0	0	0
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	11
Cerro Gordo	718	854	725	725	741	730	769	779	823	793	773	732	674
Cherokee	0	0	0	0	0	0	0	0	0	0	0	0	0
Chickasaw	197	202	183	171	170	155	159	139	156	165	166	195	240
Clarke	0	0	0	0	0	0	0	0	0	0	0	0	0
Clay	198	170	158	165	152	132	130	127	144	153	152	178	214
Clayton	139	145	151	156	154	157	147	154	155	162	160	158	207
Clinton	514	515	516	515	509	501	519	521	534	545	570	900	965
Crawford	239	250	269	282	286	316	354	335	326	310	354	361	433
Dallas	397	235	237	224	232	209	190	171	169	177	277	200	218
Davis	0	0	0	0	0	0	0	0	0	0	0	0	0
Decatur	0	0	0	0	0	0	0	0	0	0	0	0	0
Delaware	287	303	293	317	305	311	323	338	337	341	322	285	279
Des Moines	430	459	477	475	473	462	459	463	415	396	403	446	482
Dickinson	0	0	0	0	0	0	0	0	0	0	0	0	0
Dubuque	5368	5503	5555	5632	5737	5882	5969	6024	6172	6357	6148	7244	8762
Emmet	19	23	28	48	26	28	33	36	37	45	48	23	0
Fayette	252	252	254	301	297	304	304	289	297	292	306	325	342
Floyd	189	189	182	188	198	186	180	185	200	210	244	252	265
Franklin	48	58	52	50	50	50	42	47	47	44	59	34	28
Fremont	0	0	0	0	0	0	0	0	0	0	0	0	0
Greene	0	0	0	0	0	0	0	0	0	0	0	0	0
Grundy	61	58	54	44	49	59	59	42	55	61	74	72	49
Guthrie	0	0	0	0	0	0	0	0	0	0	0	0	0
Hamilton	120	118	117	124	127	120	104	102	113	83	84	105	105
Hancock	25	31	55	56	52	57	55	57	62	70	75	62	67
Hardin	0	0	0	0	0	0	0	0	0	0	0	0	15
Harrison	54	54	59	57	61	52	49	49	54	45	56	78	59
Henry	0	0	0	0	0	0	0	0	0	0	0	0	0
Howard	175	181	179	164	160	142	142	143	174	214	263	295	313
Humboldt	125	143	183	207	208	215	214	204	184	181	170	147	127
Ida	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	192	182	202	207	215	215	216	197	199	196	222	224	240
Jackson	526	511	523	534	557	564	567	533	540	549	559	631	676
Jasper	209	200	200	201	200	203	193	181	179	200	212	230	210

Table 2. Non-Public School Enrollment in Iowa's Counties, 1980, 1985 and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	185	209	234	265	310	314	366	651	415	418	0	218	0
Johnson	874	879	845	819	802	806	808	764	756	720	766	584	610
Jones	180	214	208	221	211	192	216	223	214	218	242	264	286
Keokuk	0	0	0	0	0	0	0	0	0	0	0	0	111
Kossuth	749	785	791	814	824	840	857	846	904	956	934	1180	1425
Lee	861	884	935	970	985	978	989	986	966	966	1053	1234	1390
Linn	3088	3075	3050	2986	2942	2903	2896	3013	2977	2953	3089	3162	3389
Louisa	0	0	0	0	0	0	0	0	0	0	0	0	0
Lucas	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyon	118	122	125	132	144	130	129	132	145	126	125	189	175
Madison	0	0	0	0	0	0	0	0	0	0	0	0	0
Mahaska	159	150	146	158	158	164	179	195	202	208	220	197	183
Marion	704	722	726	755	793	814	845	847	847	831	838	785	729
Marshall	312	317	333	354	362	349	366	343	359	377	375	361	301
Mills	0	0	0	0	0	0	0	0	0	0	0	0	0
Mitchell	116	122	141	157	161	172	176	171	177	190	195	243	255
Monona	41	52	53	58	69	70	61	75	76	72	79	88	91
Monroe	0	0	0	0	0	0	0	0	0	0	0	0	0
Montgomery	0	0	0	0	0	0	0	0	0	0	0	0	0
Muscatine	163	184	186	180	213	219	198	216	197	230	223	256	268
O'Brien	389	394	405	396	418	437	460	485	487	508	548	547	565
Osceola	39	39	40	37	40	37	45	49	53	55	57	112	122
Page	96	105	93	95	99	94	97	81	89	87	87	93	76
Palo Alto	188	196	190	198	222	236	235	255	259	261	279	262	268
Plymouth	914	948	990	999	1030	1019	1013	994	992	982	1001	1046	1139
Pocahontas	84	93	93	102	110	124	115	103	194	189	181	150	186
Polk	4731	4896	4959	4912	5012	4922	4731	4614	4588	4946	5197	5646	5529
Pottawattamie	1016	1024	1018	1004	1045	995	976	949	939	913	991	903	926
Poweshiek	27	14	17	17	14	11	10	11	13	22	35	8	0
Ringgold	0	0	0	0	0	0	0	0	0	0	0	0	0
Sac	0	0	0	0	0	0	0	0	0	0	0	55	67
Scott	2636	2846	2926	2987	2982	2913	2869	2786	2736	2691	2880	2805	2908
Shelby	265	269	303	310	317	308	308	327	339	339	319	335	404
Sioux	2509	2585	2676	2717	2867	2871	2905	2946	2853	2892	2809	2634	2459
Story	174	181	184	182	173	163	173	183	168	167	182	184	191
Tama	0	0	0	0	0	0	0	0	0	0	0	0	0
Taylor	0	0	0	0	0	0	0	0	0	0	0	0	0
Union	137	124	113	112	104	108	116	118	114	123	128	94	122
Van Buren	0	0	0	0	0	0	0	0	0	0	0	0	0
Wapello	131	131	138	148	137	138	136	142	129	120	136	102	106
Warren	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	233	269	271	274	289	292	292	264	279	272	299	312	286
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0
Webster	990	1043	1051	1104	1087	1145	1200	1225	1184	1166	1238	1375	1508
Winnebago	18	17	15	19	17	20	19	22	19	17	16	12	11
Winneshiek	430	434	424	424	433	441	465	486	517	529	605	561	525
Woodbury	2277	2327	2398	2437	2519	2568	2656	2662	2686	2678	2730	2848	2792
Worth	0	0	0	0	0	0	0	0	0	0	0	0	0
Wright	0	0	0	0	0	0	0	0	0	0	0	0	0
State of Iowa	41064	42291	42811	43436	44312	44563	44752	45341	45242	45873	46924	49558	52504

Table 3. Total (Public and Non-Public) School Enrollment in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	1174	1098	1214	1253	1259	1281	1273	1226	1252	1184	1188	1248	1364
Adams	710	748	727	733	736	754	768	755	728	770	773	804	900
Allamakee	2785	2835	2912	2944	2944	2955	3023	2951	2968	2959	2931	3101	3568
Appanoose	2389	2424	2413	2492	2542	2557	2528	2527	2581	2572	2591	2568	2906
Audubon	1110	1105	1137	1146	1162	1191	1178	1204	1237	1211	1211	1310	1499
Benton	4366	4354	4416	4388	4428	4302	4245	4249	4494	4445	4486	4437	5087
Black Hawk	20493	20704	21063	21477	21535	21808	21790	22123	21870	22356	22623	23264	25650
Boone	4424	4408	4377	4391	4491	4482	4374	4381	4341	4295	4269	4277	4500
Bremer	5265	5365	5516	5533	5903	6052	6059	6064	6021	5962	5969	6322	7094
Buchanan	3381	3472	3533	3561	3641	3695	3723	3677	3691	3649	3676	3648	4134
Buena Vista	4207	4308	4272	4350	4305	4345	4356	4338	3778	3772	3647	3424	3602
Butler	2063	2057	2097	2124	2170	2465	2670	2643	2656	2667	2769	2846	3291
Calhoun	2435	2472	2532	2571	2612	2639	2755	2698	2609	2602	2460	2536	2913
Carroll	4726	4786	4946	4920	5035	4982	5033	5127	5102	5027	4931	4666	5393
Cass	2915	2981	3048	3110	3180	3233	3230	3188	3194	3261	3236	3228	3566
Cedar	3632	3634	3647	3670	3672	3659	3629	3588	3674	3640	3671	3564	3992
Cerro Gordo	7632	7878	7908	8012	8154	8167	8177	8136	8144	8142	8093	8004	8395
Cherokee	2159	2235	2311	2318	2369	2737	2809	3082	2810	2794	2791	2873	3216
Chickasaw	2641	2713	2750	2797	2559	2547	2514	2491	2502	2504	2533	2761	3301
Clarke	1844	1857	1834	1782	1793	1789	1755	1713	1753	1745	1722	1656	1694
Clay	2966	2988	3044	3135	3138	3178	3187	3198	3602	3603	3571	3527	3727
Clayton	3535	3663	3730	3867	3878	3900	3907	3894	3892	3931	3940	4034	4342
Clinton	9094	9236	9338	9416	9460	9563	9705	9797	9899	9963	9895	10716	12227
Crawford	2899	2869	2880	2960	2907	2976	3105	3263	3282	3520	3597	4001	4221
Dallas	9065	8566	8311	8245	7989	7798	7440	7231	7056	6953	6904	6449	6674
Davis	1274	1221	1221	1251	1310	1319	1360	1388	1410	1423	1398	1492	1608
Decatur	1422	1545	1436	1420	1385	1385	1444	1342	1442	1460	1480	1533	1687
Delaware	3830	3887	3972	4110	4117	4122	4060	4092	4016	3949	3903	3679	4069
Des Moines	7381	7650	7568	7779	7955	7965	8074	8106	8060	8111	8165	8208	9089
Dickinson	2795	2838	2850	2844	2895	2856	2852	2747	2790	2771	2807	2789	2938
Dubuque	17898	17948	17809	18023	18257	18363	18336	18404	18235	18250	18017	19652	23406
Emmet	1927	1945	2055	2084	2109	2252	2281	2296	2284	2316	2326	2392	2677
Fayette	4510	4642	4630	4686	4718	4757	4818	4759	4778	4732	4755	5049	6007
Floyd	3087	3157	3193	3282	3334	3298	3365	3356	3424	3417	3418	3602	4269
Franklin	1867	1933	1963	2049	2215	2096	1947	1909	2015	1985	2044	1840	1973
Fremont	1560	1600	1621	1612	1650	1673	1679	1696	1692	1704	1688	1743	1769
Greene	2058	2067	2078	2024	2026	2004	1992	1975	1949	1996	1905	2019	2329
Grundy	2567	2601	2542	3018	3068	2811	2806	2769	2795	2322	2297	2560	2904
Guthrie	2362	2234	2331	2325	2326	2330	2347	2425	2411	2453	2477	2626	2885
Hamilton	3011	3092	3116	3114	3156	3192	3199	3152	3187	3171	3183	3212	3644
Hancock	2031	2080	2110	2159	2181	2127	2141	2377	2394	2467	2468	2466	2650
Hardin	3252	3410	3489	3541	3656	3672	3707	3714	3707	4022	3956	4086	4801
Harrison	3354	3462	3449	3438	3406	3401	3376	3059	3117	3077	3072	3183	3535
Henry	3807	3823	3863	3844	3773	3822	3950	3904	3960	3861	4161	3607	3764
Howard	2159	2209	2262	2322	2322	2388	2428	2334	2342	2357	2382	2398	2792
Humboldt	2023	2047	2103	2132	2131	2149	2150	2144	2100	2129	2082	2114	2466
Ida	1397	1434	1484	1546	1553	1578	1628	1750	1644	1585	1580	1446	1513
Iowa	3005	3017	3078	2992	2963	2931	3301	3188	3172	3109	3050	2922	3356
Jackson	4031	4058	4080	4124	4216	4219	4247	4265	4265	4224	4180	4440	5131
Jasper	6584	6575	6638	6530	6618	6568	6511	6673	6590	6639	6556	6693	7244

Table 3. Total (Public and Non-Public) School Enrollment in Iowa's Counties, 1980, 1985, and 1990-2000
(continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	2222	2346	2431	2410	2444	2451	2396	2662	2429	2520	1977	2338	2596
Johnson	14035	14292	13839	13811	13589	13501	12793	12675	12410	12108	11836	10882	11206
Jones	3586	3605	3619	3703	3724	3715	3778	3746	3551	3429	3456	3734	4236
Keokuk	2290	2355	2384	2446	2471	2488	2445	2440	2399	2437	2447	2451	2729
Kossuth	3129	3313	3414	3508	3572	3552	3564	3573	3589	3635	3636	3898	4608
Lee	6791	6998	7124	7194	7326	7440	7525	7551	7506	7499	7433	7766	8425
Linn	35852	35523	35141	34881	34554	33884	33518	32894	32386	31698	31499	32616	36675
Louisa	2922	2965	2837	2925	2987	2992	2882	2848	2824	2720	2803	2824	3115
Lucas	1559	1546	1550	1620	1632	1581	1594	1620	1580	1583	1574	1647	1832
Lyon	2088	2210	2211	2322	2377	2409	2447	2425	2407	2382	2389	2428	2590
Madison	2946	2935	3011	2919	2893	2867	2842	2795	2845	2847	2813	2824	2972
Mahaska	3531	3485	3477	3484	3558	3469	3549	3516	3569	3494	3514	3459	3497
Marion	6615	6589	6559	6564	6566	6496	6453	6289	6309	6299	6262	6105	6363
Marshall	6930	6953	6893	6873	6891	6924	6848	6716	6773	7098	7191	7320	8344
Mills	2739	2729	2721	2749	2703	2641	2548	2619	2656	2586	2577	2612	2587
Mitchell	1968	1961	1999	2046	2078	2055	2070	2052	2016	2009	2005	2023	2397
Monona	1644	1655	1736	1770	1851	1888	1856	1901	1902	1930	1911	1967	2273
Monroe	1279	1293	1363	1369	1328	1366	1386	1364	1404	1376	1358	1410	1567
Montgomery	2065	2097	2089	2155	2153	2125	2127	2141	2137	2219	2165	2274	2309
Muscatine	7651	7643	7604	7679	7874	7819	8032	7956	8062	8072	7912	7792	8205
O'Brien	3151	3164	3270	3339	3441	3497	3473	3456	3456	3438	3474	3351	3559
Osceola	1003	1061	1109	1104	1093	1083	1083	1044	1072	1039	1012	1061	1275
Page	3002	3008	3112	3215	3314	3108	3173	3171	3187	3248	3288	3262	3389
Palo Alto	2021	2081	2133	2197	2234	2280	2299	2355	2338	2337	2327	2300	2733
Plymouth	5386	5438	5555	5520	5579	5601	5467	5425	5356	5304	5183	4940	5404
Pocahontas	1373	1416	1465	1485	1500	1526	1496	1453	1864	1854	1979	1872	2231
Polk	66320	65407	65029	64597	63717	63054	61765	60589	59876	58945	58924	56945	60414
Pottawattamie	18168	17914	17853	17801	17995	17451	17076	17044	17004	17026	16922	16884	18525
Poweshiek	3076	3086	3095	3209	3261	3276	3198	3162	3103	3124	3046	3110	3517
Ringgold	934	899	943	968	1002	1016	1047	1018	1006	1037	1020	1009	1141
Sac	2100	2230	2270	2294	2336	2341	2394	2378	2402	2401	2478	2423	2721
Scott	29861	30496	30799	30787	31207	31039	30986	32321	31244	31113	30721	31840	35244
Shelby	2735	2875	2819	2888	2894	3078	3027	3031	2937	2825	2744	2786	3368
Sioux	6710	6878	7019	7079	7293	7269	7279	7304	7134	6780	6827	6371	6424
Story	11032	11280	11208	11230	11178	11247	11196	11093	11265	10673	10348	9727	10443
Tama	3383	3399	3419	2994	2991	3004	3060	3074	3507	3305	3279	3460	3988
Taylor	1214	1300	1325	1325	1335	1346	1326	1314	1291	1338	1368	1493	1597
Union	2250	2222	2339	2329	2335	2324	2374	2468	2435	2515	2503	2588	2796
Van Buren	1376	1364	1429	1475	1453	1456	1495	1478	1449	1431	1419	1503	1686
Wapello	6467	6460	6521	6634	6656	6648	6711	6756	6812	6787	6680	7223	7962
Warren	7687	7656	7607	7664	7639	7663	7666	7568	7312	7261	7127	6955	7467
Washington	3733	3799	3794	3849	3822	3757	3872	3765	3734	3767	3754	3710	3988
Wayne	1194	1144	1148	1198	1256	1265	1217	1202	1249	1280	1247	1259	1414
Webster	6581	6898	6881	7138	7296	7187	7257	7324	7236	7235	7368	7653	8866
Winnebago	2766	2829	2863	2848	2917	3010	2985	2942	2911	2877	2917	2771	2986
Winneshiek	3164	3156	3198	3285	3310	3304	3333	3356	3297	3254	3268	3134	3407
Woodbury	20682	20808	20786	21129	21081	20794	20737	20542	20716	20881	20391	19832	20786
Worth	1139	1165	1194	1180	1175	1192	1230	1201	1237	1217	1137	1279	1429
Wright	2895	2938	2968	3100	3128	3137	3184	2876	2813	2818	2759	2876	3212
State of Iowa	530347	534095	536050	539733	542211	540949	539291	537861	534912	532108	529095	533002	586260

Total School Enrollment

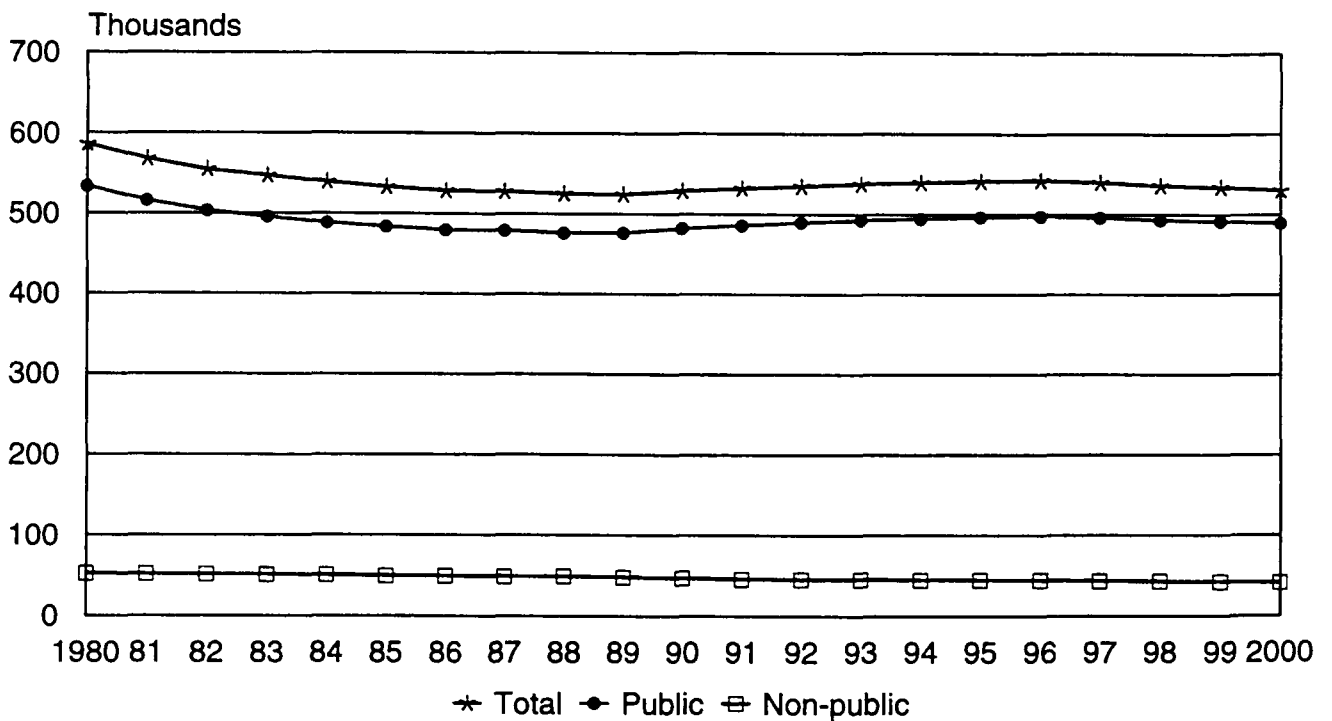
When the public and non-public figures are added, total enrollment was nearly 1,300 students higher in 2000 than in 1990; the drop of 57,200 between 1980 and 1990 was much greater than the 1990-2000 gain, however (Table 3). Increases in total student numbers occurred from 1989 to 1996 but decreases took place earlier in the 1980s and again from 1996 to 2000.

In 2000, nine counties (Black Hawk, Dubuque, Johnson, Linn, Polk, Pottawattamie, Scott, Story, Woodbury) each had more than 10,000 students; together, they had 44.2 percent of the state's total enrollees. Twenty-one counties had fewer than 2,000 students, although only Adams and Ringgold were below 1,000.

The total number of students increased in 28 counties when 1990 and 2000 were compared. Five of these (Dallas, Johnson, Linn, Polk, Pottawattamie) reported at least 1,000 more students at the end of the period than at the beginning. Declines among total students were more common; 53 of the 71 counties with fewer students in 2000 than in 1990 dropped by at least 100. Black Hawk was the only county with a decline of at least 1,000.

Note: These data are from the Basic Educational Data Survey (BEDS) for September of each year. Additional information is available from the Bureau of Planning, Research, and Evaluation in the Iowa Department of Education (Grimes State Office Building, Des Moines, IA 50319).

Figure 1. Public and non-public school enrollment, 1980–2000.



Projections of Public School Enrollment in Iowa's Counties: 2001-2002 – 2005-2006

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Xiaoping Wang, Iowa Department of Education

The Iowa Department of Education projects K-12 enrollment in Iowa's public schools five years into the future. This projection is based on the certified enrollment of previous years plus information on births. Enrollment is gathered at the school district level, not by residence of the students. Because school district boundaries do not necessarily correspond with county lines and because some districts have cooperative sharing agreements with other districts, students may have been counted in the enrollment of a county different from that in which they lived. For most students in the state, however, the county in which they live and the county in which they are counted as being enrolled are the same. Some school districts may merge in the future. That means the administrative headquarters, the location of which determines where students are counted, may change. Such changes will affect projections, thus suggesting that caution be taken in interpreting these numbers.

It is projected that the number of students in Iowa will decrease slightly from the 2000-2001 school year to that for 2001-2002 (Table 1, Figure 1). Then the numbers may continue to decline to 2005-2006. The change from 2000-2001 to 2005-2006 would be a decrease of about 12,300 or 2.5 percent.

Seventeen counties are projected to have more students in the 2005-2006 school year than in 2000-2001, with Dallas, Linn, and Polk each gaining more than 1,000. Other gains are predicted to be rather small, with 10 under 100 and the remaining 4 varying from about 120 to 220. These increases would be less than 2 percent in 11 counties, although they could be more than 5 percent in Dallas and Louisa (Figure 2).

Among the 82 counties that may have fewer students in 2005-2006 than in 2000-2001, declines greater than 500 could occur in Black Hawk, Cerro Gordo, Clinton, Pottawattamie, and Scott. In 21 others, decreases are predicted to be less than 100. Percentage declines (-0.1% to -19.0%) are projected to have a range comparable to that for percentage gains (+0.1% to +15.4%). Forty-nine of the 82 counties predicted to have declines in the numbers of students could have drops of at least 5 percent. Seventeen of these 49 could decrease by at least 10 percent.

Caution is urged in examining and interpreting these figures. Changes of various types could occur that would alter these figures. Such changes would be less likely to affect projections for the state as a whole than for individual counties, where specific factors related to projections are more difficult to predict.

Note: Certified enrollment figures are collected at a different point in the school year than the Basic Educational Data Survey (BEDS), which is conducted in September of each year. Thus, the certified numbers reported for 1995-1996 through 2000-2001 differ slightly from the BEDS counts for that year reported in the previous section of this volume. Additional information is available from the Bureau of Planning, Research, and Evaluation in the Iowa Department of Education (Grimes State Office Building, Des Moines, IA 50319).

Table 1. Certified Enrollment (1996-2001) and Projected Enrollment (2001-2006) of K-12 Public School Students in Iowa's Counties.

County	Certified Enrollment					Projected Enrollment				
	1996-1997	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006
Adair	1292	1264	1257	1213	1196	1165	1140	1105	1084	1042
Adams	779	770	747	761	753	737	723	717	711	702
Allamakee	2875	2889	2865	2774	2707	2680	2650	2621	2584	2553
Appanoose	2522	2444	2414	2327	2346	2325	2293	2266	2263	2263
Audubon	1201	1205	1185	1137	1135	1123	1093	1072	1030	1019
Benton	4542	4553	4589	4498	4574	4534	4468	4430	4370	4349
Black Hawk	18439	18425	18208	17921	17692	17491	17323	17170	16972	16907
Boone	4408	4388	4351	4416	4398	4354	4327	4312	4316	4318
Bremer	5383	5354	5327	5134	5048	4964	4878	4845	4812	4805
Buchanan	3374	3331	3308	3244	3094	2975	2880	2792	2753	2700
Buena Vista	3896	3961	3956	3909	3817	3775	3775	3751	3700	3702
Butler	2203	2175	2147	2098	2061	2012	1970	1923	1890	1876
Calhoun	2657	2588	2543	2501	2452	2373	2342	2315	2288	2254
Carroll	3472	3482	3505	3470	3416	3371	3296	3244	3225	3178
Cass	3238	3155	3098	3013	2932	2828	2774	2713	2662	2641
Cedar	3710	3746	3699	3687	3615	3590	3600	3575	3554	3552
Cerro Gordo	7445	7330	7258	7069	6935	6804	6684	6572	6393	6286
Cherokee	2412	2431	2373	2290	2188	2101	2033	1965	1911	1861
Chickasaw	2722	2669	2595	2525	2461	2378	2326	2258	2187	2152
Clarke	1805	1800	1827	1826	1815	1822	1827	1831	1850	1847
Clay	3079	3057	2954	2904	2839	2747	2670	2592	2530	2469
Clayton	3742	3735	3631	3530	3407	3302	3206	3145	3076	3027
Clinton	9193	9114	9061	8970	8816	8657	8504	8423	8276	8147
Crawford	2730	2806	2704	2714	2723	2749	2782	2774	2779	2776
Dallas	7923	8194	8281	8493	8803	9049	9279	9542	9797	10158
Davis	1385	1323	1290	1277	1283	1272	1265	1263	1241	1230
Decatur	1484	1513	1504	1439	1399	1409	1413	1403	1397	1394
Delaware	3816	3788	3683	3595	3529	3413	3334	3253	3146	3091
Des Moines	7576	7508	7379	7201	7031	6962	6960	6861	6799	6778
Dickinson	2966	2948	2941	2887	2847	2842	2851	2885	2904	2929
Dubuque	12835	12744	12606	12414	12346	12360	12437	12479	12563	12467
Emmet	2159	2158	2138	2016	1983	1947	1939	1931	1915	1914
Fayette	4506	4527	4452	4454	4408	4348	4322	4279	4239	4205
Floyd	3149	3119	3042	2991	2925	2873	2858	2810	2752	2726
Franklin	2104	2067	2033	1977	1897	1869	1835	1809	1774	1738
Fremont	1689	1684	1666	1648	1555	1527	1524	1511	1525	1522
Greene	2033	2078	2092	2093	2014	1988	1946	1926	1918	1902
Grundy	2649	2581	2559	2564	2557	2510	2494	2477	2461	2441
Guthrie	2391	2389	2367	2249	2252	2223	2194	2166	2163	2183
Hamilton	3136	3111	3078	3055	3027	2985	2971	2971	2958	2941
Hancock	2153	2126	2047	2021	1961	1908	1870	1837	1802	1801
Hardin	3675	3583	3504	3422	3332	3295	3259	3172	3138	3119
Harrison	3431	3418	3406	3386	3309	3275	3255	3214	3190	3128
Henry	3834	3799	3793	3802	3762	3687	3638	3582	3564	3529
Howard	2208	2173	2123	2050	2021	1970	1962	1939	1899	1891
Humboldt	1958	1960	1969	1923	1884	1840	1804	1772	1758	1716
Ida	1572	1574	1509	1453	1411	1379	1349	1318	1266	1236
Iowa	2909	2928	2976	2989	2975	2981	2969	2941	2927	2933
Jackson	3607	3531	3516	3495	3437	3388	3326	3257	3213	3175
Jasper	6455	6422	6499	6423	6421	6382	6332	6359	6386	6420

Table 1. Certified Enrollment (1996-2001) and Projected Enrollment (2001-2006) of K-12 Public School Students in Iowa's Counties (continued).

County	Certified Enrollment					Projected Enrollment				
	1996-1997	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006
Jefferson	2199	2165	2180	2151	2078	2067	2057	2046	2023	2009
Johnson	12994	13190	13214	13307	13403	13345	13325	13299	13296	13328
Jones	3720	3677	3610	3617	3574	3557	3541	3511	3475	3428
Keokuk	2485	2497	2436	2381	2311	2293	2279	2261	2256	2274
Kossuth	2825	2791	2758	2590	2500	2395	2331	2245	2170	2134
Lee	6511	6457	6387	6266	6053	5943	5805	5700	5623	5570
Linn	31813	32041	32531	32827	33205	33384	33571	33809	34076	34339
Louisa	3073	3073	2988	3051	3057	3085	3148	3206	3236	3281
Lucas	1670	1646	1624	1560	1561	1569	1558	1566	1559	1549
Lyon	2296	2236	2174	2155	2053	2013	1974	1927	1908	1882
Madison	2940	2969	3038	2987	2895	2883	2884	2873	2901	2920
Mahaska	3567	3544	3470	3458	3438	3377	3331	3271	3257	3223
Marion	5855	5930	5929	5877	5904	5834	5837	5826	5874	5913
Marshall	6724	6749	6701	6810	6808	6819	6833	6803	6851	6924
Mills	2727	2788	2792	2784	2769	2798	2805	2835	2863	2889
Mitchell	1923	1892	1871	1872	1877	1842	1839	1825	1805	1773
Monona	1860	1856	1820	1789	1738	1697	1679	1667	1649	1631
Monroe	1369	1394	1410	1389	1323	1302	1279	1256	1241	1229
Montgomery	2215	2237	2183	2177	2151	2147	2108	2097	2082	2060
Muscatine	7848	7749	7728	7689	7699	7689	7618	7543	7518	7523
O'Brien	3146	3039	2930	2806	2775	2725	2694	2628	2589	2531
Osceola	1023	1020	994	961	939	917	904	877	848	819
Page	3046	2963	2892	2818	2793	2726	2741	2713	2637	2631
Palo Alto	1999	1985	1931	1864	1817	1750	1713	1679	1620	1603
Plymouth	4546	4509	4607	4484	4483	4486	4486	4485	4500	4494
Pocahontas	1402	1409	1398	1361	1286	1245	1181	1134	1079	1042
Polk	59566	60225	60857	61388	61856	62149	62592	62933	63215	63630
Pottawattamie	16887	16958	16873	16817	16264	16125	15998	15765	15582	15495
Poweshiek	3226	3222	3112	3119	3085	3047	3041	3018	2955	2905
Ringgold	1090	1065	1047	989	956	933	939	923	937	964
Sac	2405	2373	2308	2263	2124	2093	2046	1973	1941	1895
Scott	28383	28482	28175	28163	27662	27353	27061	26886	26599	26454
Shelby	2637	2583	2602	2577	2552	2484	2436	2386	2359	2318
Sioux	4353	4270	4293	4248	4172	4106	4109	4073	4079	4053
Story	10998	11005	11045	10967	10845	10791	10750	10746	10728	10728
Tama	3557	3565	3531	3500	3485	3475	3455	3447	3471	3490
Taylor	1445	1458	1424	1369	1305	1278	1257	1237	1205	1192
Union	2240	2257	2205	2103	2093	2074	2054	2035	2012	2007
Van Buren	1506	1542	1505	1462	1445	1403	1381	1358	1334	1314
Wapello	6592	6551	6488	6437	6453	6387	6319	6233	6171	6138
Warren	7732	7753	7751	7733	7758	7732	7734	7774	7775	7817
Washington	3678	3691	3662	3640	3634	3630	3622	3589	3585	3575
Wayne	1271	1254	1228	1166	1172	1141	1103	1051	1018	993
Webster	6326	6073	5896	5838	5685	5559	5427	5342	5274	5199
Winnebago	2944	2910	2899	2884	2812	2777	2743	2695	2639	2610
Winneshiek	2851	2841	2800	2725	2697	2607	2557	2498	2433	2371
Woodbury	18946	18969	18875	18733	18771	18646	18666	18727	18738	18815
Worth	1211	1214	1214	1168	1172	1143	1116	1094	1063	1053
Wright	3184	3151	3096	3041	3020	3006	2996	2979	2953	2950
State of Iowa	505523	505130	502534	498607	494291	490360	487866	485206	482905	481957

Figure 1. Certified (1996–1997 – 2000–2001) and projected (2001–2002 – 2005–2006) public-school enrollment in Iowa, 1996–2006.

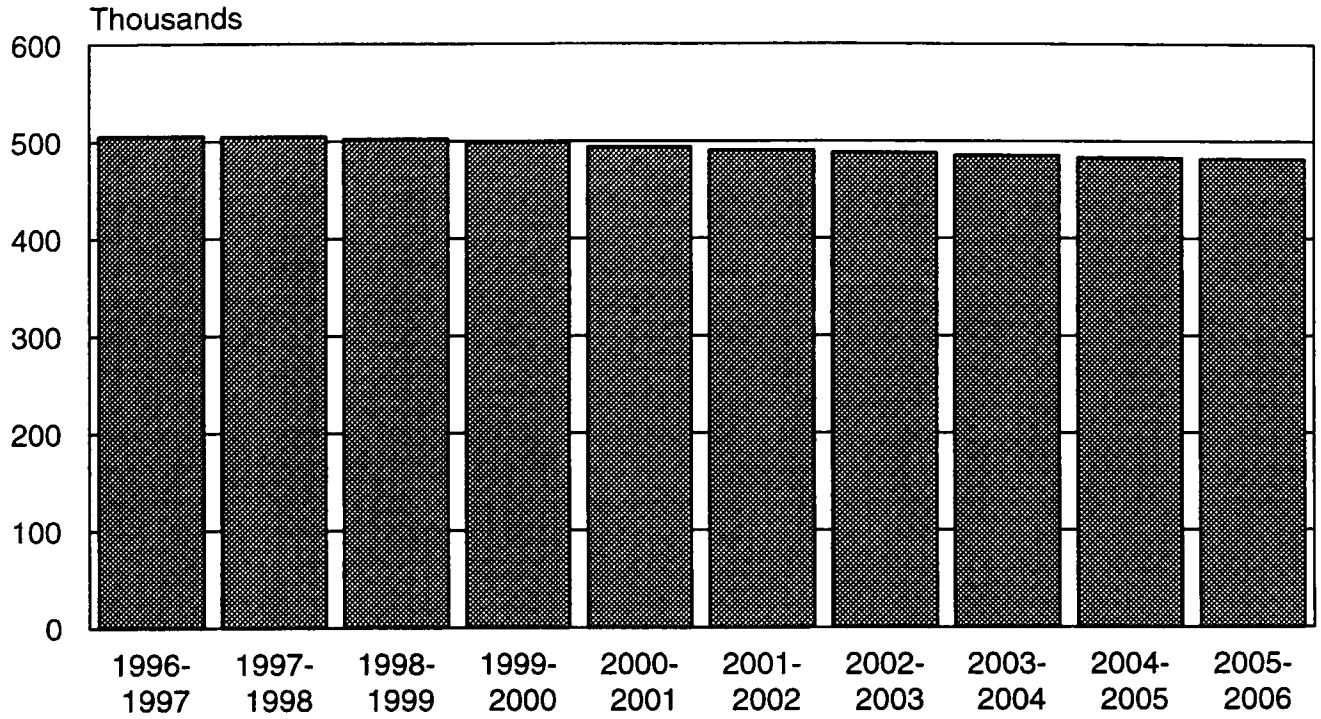
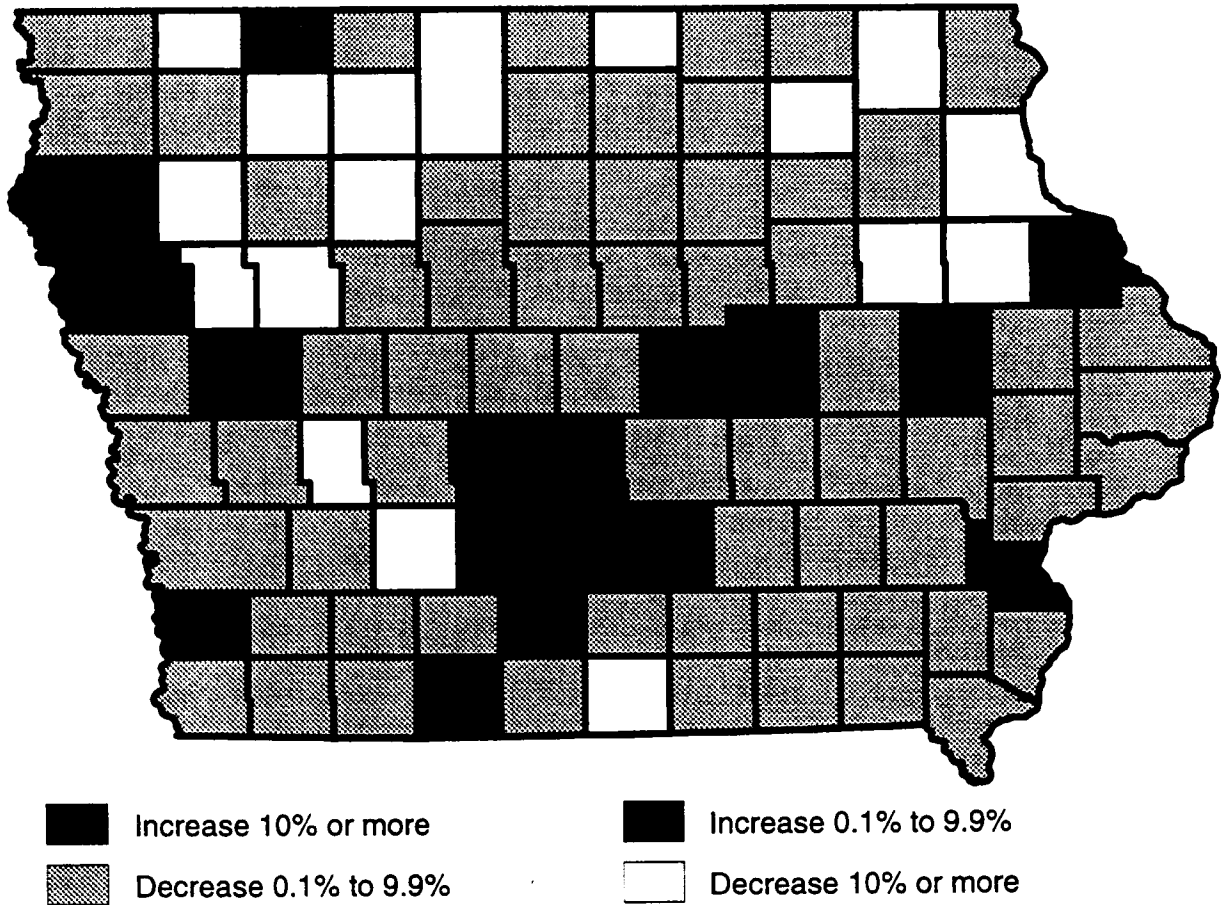


Figure 2. Projected percentage change in public school enrollment, 2000–2001 to 2005–2006.



Ethnicity of K-12 Students in Iowa's Counties: 1980, 1985, 1990, and 1995-2000

Sandra Charvat Burke, Iowa State University
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James Gould, Iowa Department of Education

The Iowa Department of Education gathers information about the race and Hispanic Origin of students enrolled in public and private primary and secondary schools each year in September. Information on enrollment is gathered at the school district level, not by residence of the students. Because school district boundaries do not necessarily correspond with county lines and because some districts have cooperative sharing agreements with other districts, students may have been counted in the enrollment of a county different from that in which they lived. For most students in the state, however, the county in which they live and the county in which they are counted as being enrolled are the same. Additional caution is merited because some districts have merged between 1980 and 2000, the years for which data are reported. That means the administrative headquarters, the location of which determines where students are counted, may have changed. Such changes will affect year-to-year comparisons.

The Department of Education lists a student in one of five categories: American Indian, Asian American, black, Hispanic, or white. In this report, the numbers of American Indians, Asian Americans, blacks, and Hispanics are summed at times and referred to as minority enrollees.

Total and Majority K-12 School Enrollees

Students in Iowa's schools numbered 530,236 in September of 2000 or 900 fewer than in 1990; the 1980 count was 56,000 more than that for 2000. Students listed as white totaled 480,622 in 2000 (Table 1). White enrollees declined by nearly 21,300 from 1990 to 2000. They constituted 90.6 percent of all K-12 students in 2000, which was a decrease from 94.5 percent in 1990 and 96.2 percent in 1980.

Eighty counties had fewer white enrollees in 2000 than in 1990; declines of 1,000 or more occurred in Black Hawk, Clinton, Dubuque, Marshall, Scott, Webster, and Woodbury. Gains of at least 1,000 occurred in Dallas, Johnson, Linn, and Polk. Changes among white enrollees ranged from losses of 10.0 percent or more in 34 counties to gains greater than 10.0 percent in Dallas and Linn. Caution is urged in examining change; for example, mergers between districts between 1990 and 2000 could have caused the administrative headquarters to change from one county to another for some students, thus increasing the numbers in one and decreasing them in another.

Minority K-12 School Enrollees

More than 49,600 minority students were enrolled in Iowa's schools in 2000. Unlike white students, minority students increased across all years reported in Table 1. In the 1990-2000 period, minority students increased more than 20,300 (69.5%), in strong contrast to the decrease experienced among white students in those years. Minorities constituted 9.4 percent of school enrollees in 2000, up from 5.5 percent in 1990 and 3.8 percent in 1980 (Table 2).

Although all counties had at least one minority student in 2000, 10 counted fewer than 25 (Table 1). Nineteen had at least 500 minority enrollees, with more than 5,000 in Polk and Scott. Ten years earlier in 1990, 34 counties reported fewer than 25 minority students and only 10 exceeded 500.

The percentage of enrollees accounted for by the total of American Indian, Asian American, black, and Hispanic students changed significantly across counties when 1990 and 2000 were compared. In

Table 1. Numbers of K-12 Students in Selected Ethnic Groups in Iowa's Counties, 1980, 1985, 1990, and 1995-2000.

County	American Indian K-12 Students									Asian American K-12 Students									Black K-12 Students								
	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980
Adair	2	0	0	0	0	0	0	0	0	10	7	9	9	7	8	7	6	8	0	0	1	0	0	0	0	6	0
Adams	0	0	0	0	0	0	0	0	0	1	1	4	2	1	2	2	0	0	1	0	0	0	0	0	0	0	0
Allamakee	5	7	5	0	1	1	4	1	9	19	16	24	20	19	22	11	3	11	11	11	10	6	7	7	4	2	3
Appanoose	4	6	4	6	7	3	0	1	1	24	23	16	12	15	9	16	9	21	29	30	34	37	31	24	20	22	30
Audubon	1	1	5	6	3	4	0	0	1	12	8	6	5	3	8	0	7	8	4	3	4	2	4	2	2	1	0
Benton	8	14	3	12	5	0	5	6	5	19	23	22	18	19	18	14	13	12	22	22	21	22	18	14	13	2	4
Black Hawk	67	59	62	57	57	59	44	31	42	289	310	307	331	341	314	367	299	201	3116	3102	3054	3153	3031	2985	2819	2549	2497
Boone	9	25	6	7	11	7	5	3	3	29	36	27	30	40	40	19	25	49	23	21	16	14	19	14	10	9	5
Bremer	3	2	3	4	6	7	6	4	7	30	30	33	41	39	33	30	42	37	27	26	34	21	24	18	19	18	7
Buchanan	3	10	2	1	0	3	1	1	3	24	26	25	22	19	23	22	12	7	14	20	17	20	10	10	11	7	5
Buena Vista	1	1	1	0	2	1	3	0	1	256	278	285	258	221	211	134	57	46	33	34	35	43	32	28	11	9	4
Butler	0	0	0	0	3	2	0	1	0	16	19	17	18	16	14	8	6	12	0	2	2	3	2	2	6	0	0
Calhoun	8	7	5	7	5	3	3	1	3	18	14	18	10	12	12	4	7	9	8	5	5	6	4	7	3	1	5
Carroll	2	2	12	6	5	2	4	2	5	20	18	25	24	19	17	13	8	4	22	16	12	14	10	9	1	5	2
Cass	10	8	4	8	11	5	2	6	2	18	21	17	13	15	21	21	5	21	16	16	17	21	18	19	6	9	6
Cedar	4	4	7	9	5	1	3	1	3	21	16	15	19	17	19	24	9	23	19	15	12	17	13	12	6	3	5
Cerro Gordo	8	12	8	11	10	5	2	1	2	140	127	101	112	95	96	81	84	97	169	152	125	117	119	115	80	64	72
Cherokee	6	2	5	4	7	5	2	0	2	21	13	21	14	11	19	11	4	11	14	10	15	8	16	22	15	12	7
Chickasaw	1	1	6	5	2	4	0	0	0	18	22	21	18	13	10	4	5	5	11	8	10	10	15	11	2	1	2
Clarke	4	3	2	3	4	3	0	0	0	15	13	14	6	6	8	13	10	6	9	1	2	2	2	2	1	2	0
Clay	4	2	5	7	6	7	7	3	8	51	60	51	51	46	40	41	36	33	10	12	10	9	11	10	4	0	0
Clayton	16	12	11	8	12	9	7	0	2	10	11	13	16	10	8	11	6	22	19	16	13	15	12	10	8	7	0
Clinton	25	18	15	20	25	20	26	14	14	83	85	72	69	82	80	78	71	81	368	343	319	300	294	283	219	174	174
Crawford	10	10	9	11	2	2	7	1	1	31	38	30	37	31	33	35	38	27	12	6	6	12	13	9	6	8	4
Dallas	11	12	5	12	8	9	4	2	2	108	86	71	68	58	57	30	37	20	87	82	74	63	61	44	16	26	14
Davis	4	6	2	0	0	0	2	1	1	10	4	8	3	3	7	4	11	9	6	4	1	0	0	0	1	1	6
Decatur	0	2	5	2	6	3	2	1	1	9	13	7	11	8	11	8	8	28	7	10	12	14	15	6	3	0	3
Delaware	3	8	16	16	8	7	5	1	2	18	18	20	22	22	22	23	8	5	5	10	8	9	6	4	4	3	2
Des Moines	26	29	40	26	35	37	13	7	32	94	99	86	87	82	80	72	80	54	553	578	463	441	478	487	445	356	382
Dickinson	1	4	2	3	0	0	2	0	2	24	16	15	14	20	31	15	13	2	18	6	11	5	8	8	10	6	2
Dubuque	48	36	42	41	41	47	34	16	11	163	155	157	146	146	155	124	84	64	348	290	249	232	233	216	103	68	65
Emmet	1	1	3	4	3	4	6	9	6	10	10	12	11	12	13	12	16	14	8	4	5	5	4	6	5	6	3
Fayette	9	5	3	3	3	0	1	2	3	33	31	31	30	35	28	19	16	22	26	23	24	21	14	17	6	7	7

Table 1. Numbers of K-12 Students in Selected Ethnic Groups in Iowa's Counties, 1980, 1985, 1990, and 1995-2000 (continued).

County	American Indian K-12 Students									Asian American K-12 Students									Black K-12 Students								
	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980
Floyd	2	2	2	0	1	2	5	2	0	23	28	27	16	14	18	26	23	23	12	11	14	15	9	10	6	9	3
Franklin	3	2	2	3	3	4	2	0	1	13	12	3	3	6	4	5	2	5	11	7	4	3	5	5	2	1	3
Fremont	2	1	2	0	1	0	0	1	1	6	1	1	0	4	2	0	2	1	0	5	0	2	1	0	0	0	1
Greene	3	1	2	2	2	1	0	3	2	6	15	21	18	10	17	12	8	18	6	5	9	7	9	4	3	0	0
Grundy	12	7	8	10	7	8	0	0	0	14	21	26	30	29	26	6	11	8	9	10	8	6	8	5	2	2	0
Guthrie	1	0	0	0	0	0	1	3	1	14	12	17	14	8	8	12	7	3	14	8	11	6	5	2	3	3	0
Hamilton	5	5	11	13	9	5	1	1	1	74	71	74	57	45	46	37	29	20	19	20	10	14	13	10	8	3	0
Hancock	0	0	0	1	0	0	0	0	0	18	14	16	19	11	8	14	3	6	4	4	6	1	2	3	6	0	0
Hardin	13	11	10	8	13	10	8	7	5	22	29	32	18	21	15	14	14	31	20	24	23	26	16	12	12	2	5
Harrison	1	3	3	1	7	7	7	7	5	13	12	12	13	10	13	9	7	3	7	11	5	4	9	8	4	3	2
Henry	2	7	7	3	2	2	9	0	0	125	97	109	99	81	70	62	53	65	42	48	31	44	32	30	29	9	9
Howard	2	0	0	1	0	0	0	0	0	18	13	15	14	14	15	15	15	4	12	8	3	2	2	2	0	0	0
Humboldt	3	1	0	1	1	2	0	1	2	5	3	3	4	3	4	9	4	9	3	4	5	6	4	7	0	10	11
Ida	7	7	5	4	5	3	0	0	0	6	9	7	2	9	5	7	3	3	10	9	9	5	6	8	1	0	0
Iowa	0	3	3	4	5	3	3	2	5	17	14	18	24	25	21	19	26	25	18	19	8	11	7	6	3	0	7
Jackson	6	3	1	1	3	3	1	0	0	14	13	13	11	9	12	10	9	7	33	23	22	23	18	12	9	3	1
Jasper	17	13	6	6	5	8	3	2	5	45	39	59	45	59	61	74	69	42	34	32	38	31	32	22	17	11	11
Jefferson	5	6	1	2	1	2	0	0	0	51	52	46	39	37	35	24	22	17	29	24	23	12	11	14	10	15	14
Johnson	67	59	58	68	62	56	41	47	20	702	642	615	572	545	557	443	360	281	912	847	718	663	624	520	376	259	225
Jones	8	16	8	4	6	2	2	0	2	24	26	19	28	26	18	11	4	1	37	36	26	29	19	15	1	2	1
Keokuk	2	2	3	3	0	1	0	0	0	14	16	9	9	9	7	12	8	10	12	7	6	8	8	4	0	2	1
Kossuth	6	7	7	1	1	0	1	2	5	25	26	24	28	30	31	28	19	13	12	17	11	13	8	7	5	0	3
Lee	17	16	20	22	21	13	4	3	5	57	63	74	70	70	68	67	57	56	277	282	271	271	250	251	258	220	220
Linn	118	127	126	113	117	126	86	55	39	645	638	632	627	593	599	459	410	259	1958	1749	1753	1627	1503	1405	1103	913	812
Louisa	8	14	6	5	7	10	9	0	1	7	9	7	7	13	12	11	10	9	15	14	9	8	4	49	34	1	1
Lucas	0	0	2	1	2	0	4	0	0	6	7	6	6	10	3	7	2	1	7	12	4	3	3	6	4	3	1
Lyon	9	5	3	1	4	7	3	1	5	2	4	2	5	8	11	18	21	24	6	8	10	2	12	6	3	4	2
Madison	3	2	3	4	3	0	3	4	4	12	10	11	9	10	8	11	7	5	8	7	6	5	6	5	1	3	1
Mahaska	14	20	5	4	5	1	2	2	2	49	53	51	49	41	46	67	57	67	23	23	14	16	15	15	5	6	4
Marion	10	14	8	6	2	3	1	0	4	132	131	135	138	109	102	96	80	90	42	45	39	31	25	19	17	14	18
Marshall	18	22	23	21	30	37	18	10	10	111	114	111	106	100	102	116	111	95	165	120	112	108	88	89	64	57	69
Mills	3	4	16	3	4	2	0	3	5	25	27	18	13	12	8	3	0	2	15	13	11	9	11	6	7	3	1
Mitchell	3	0	0	0	0	0	0	1	0	11	7	11	19	16	15	16	7	2	4	2	3	0	0	0	0	0	0

Table 1. Numbers of K-12 Students in Selected Ethnic Groups in Iowa's Counties, 1980, 1985, 1990, and 1995-2000 (continued).

County	American Indian K-12 Students									Asian American K-12 Students									Black K-12 Students								
	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980
Monona	15	22	19	14	14	15	0	2	1	2	6	3	2	2	3	9	1	3	7	1	0	1	0	1	0	0	0
Monroe	4	2	4	1	0	0	3	3	0	16	16	20	18	17	20	24	5	2	11	9	7	9	8	8	4	5	6
Montgomery	3	2	4	3	0	0	1	0	0	1	2	3	7	5	4	5	4	6	3	0	1	3	3	2	1	4	2
Muscatine	23	19	15	17	13	11	3	3	6	131	123	128	123	122	109	101	66	62	90	86	69	69	88	88	54	39	47
O'Brien	10	11	7	7	10	4	2	1	1	40	35	31	28	24	21	19	18	11	11	18	9	6	7	4	4	6	2
Osceola	3	2	5	5	5	8	3	3	3	4	3	5	5	5	2	6	4	5	18	12	6	8	9	7	2	0	3
Page	10	11	8	6	6	2	1	2	4	37	30	50	33	37	19	20	14	12	80	59	66	88	137	16	16	11	2
Palo Alto	6	5	6	4	5	3	2	0	0	14	12	12	8	16	11	7	3	5	10	15	13	8	9	7	3	1	0
Plymouth	16	14	24	13	12	8	2	0	0	44	51	37	43	41	45	13	12	19	42	32	31	32	32	22	6	6	1
Pocahontas	3	2	3	3	4	2	0	0	0	10	9	16	18	16	14	8	4	1	12	13	6	2	8	3	1	0	0
Polk	280	292	298	312	290	263	154	115	224	2279	2228	2188	2183	2244	2224	1863	1595	1333	5347	5292	5157	5098	4931	4775	3919	3809	3827
Pottawattamie	100	83	60	119	85	86	77	59	61	133	107	95	105	114	91	93	52	69	260	225	215	185	174	144	128	110	118
Poweshiek	25	9	10	10	15	8	4	3	0	36	41	42	43	41	42	53	44	17	30	27	25	33	27	26	13	2	3
Ringgold	0	0	0	0	0	0	0	0	0	9	5	6	4	4	5	9	6	9	1	2	0	2	1	1	1	2	1
Sac	2	0	2	0	0	6	0	3	0	1	4	3	4	2	1	13	5	12	21	10	9	8	4	3	0	2	1
Scott	269	280	287	328	271	260	196	79	77	619	627	647	576	645	572	464	366	302	3281	3410	3232	3188	3182	3120	2919	2634	2160
Shelby	6	3	8	5	5	9	1	1	3	9	13	14	15	14	13	11	13	32	7	6	8	10	4	6	2	4	3
Sioux	19	24	22	20	19	12	16	5	15	64	60	53	49	55	49	49	67	50	35	31	18	22	20	13	4	9	7
Story	36	36	23	26	29	28	18	17	8	480	496	477	493	458	443	467	338	237	285	288	265	264	248	253	171	133	125
Tama	261	238	204	208	200	188	184	156	237	17	20	21	22	17	18	30	25	15	25	16	17	18	19	15	14	2	2
Taylor	3	0	0	0	1	0	0	1	0	13	10	13	18	13	11	9	3	9	3	3	5	4	11	4	3	0	0
Union	5	6	5	6	3	6	1	0	0	8	7	12	10	10	8	12	19	17	12	13	16	17	11	8	2	1	1
Van Buren	1	2	1	2	1	1	0	0	0	4	7	8	7	8	2	7	9	17	8	7	2	3	2	0	2	0	0
Wapello	32	37	37	25	17	25	5	0	8	91	94	96	91	92	71	52	46	40	103	97	90	106	85	90	86	80	70
Warren	13	11	16	16	10	10	9	12	6	74	60	60	55	46	45	55	43	38	56	49	47	50	36	42	33	33	21
Washington	7	5	0	2	0	0	0	3	4	17	18	21	16	21	18	12	10	24	45	46	44	44	51	51	28	2	5
Wayne	0	0	0	1	0	0	0	0	0	3	3	3	4	11	4	11	10	6	5	0	5	9	8	6	1	0	0
Webster	21	18	14	17	12	11	7	12	4	102	112	105	86	83	82	51	65	73	378	369	343	331	344	309	300	304	295
Winnebago	3	6	9	7	10	14	5	4	1	22	25	24	33	29	28	27	26	26	10	11	18	13	13	6	2	6	3
Winneshiek	1	3	2	2	1	1	3	2	2	28	36	37	33	33	32	31	23	45	16	6	11	20	9	8	8	11	14
Woodbury	743	708	689	693	630	670	535	367	370	674	713	703	652	652	608	411	236	106	864	849	770	733	664	690	590	414	333
Worth	1	1	1	7	7	4	0	1	1	3	5	4	4	3	1	1	10	4	9	8	6	7	4	6	2	2	2
Wright	1	0	0	0	1	2	1	5	3	18	19	20	19	17	24	22	17	27	20	16	18	20	13	7	7	7	2
State of Iowa	2596	2541	2432	2495	2298	2235	1647	1132	1343	8953	8872	8761	8466	8367	8076	6958	5654	4808	19896	19358	18372	18064	17451	16699	14178	12581	11798

Table 1. Numbers of K-12 Students in Selected Ethnic Groups in Iowa's Counties, 1980, 1985, 1990, and 1995-2000 (continued).

County	Hispanic K-12 Students									Total Minority K-12 Students									White K-12 Students								
	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980
Adair	7	2	3	4	3	3	9	1	0	19	9	13	13	10	11	16	13	8	1155	1089	1201	1240	1249	1270	1179	1237	1356
Adams	0	1	1	4	0	0	0	0	0	2	2	5	6	1	2	2	0	0	708	746	722	727	735	752	773	804	900
Allamakee	61	33	31	20	6	8	12	1	5	96	67	70	46	33	38	31	7	28	2689	2768	2842	2898	2911	2917	2900	3096	3540
Appanoose	27	25	20	14	7	6	3	1	0	84	84	74	69	60	42	39	33	52	2305	2340	2339	2423	2482	2515	2553	2535	2854
Audubon	5	1	3	4	0	1	2	2	3	22	13	18	17	10	15	4	10	12	1088	1092	1119	1129	1152	1176	1206	1300	1487
Benton	16	12	18	18	15	16	19	9	5	65	71	64	70	57	48	51	30	26	4301	4283	4352	4318	4371	4254	4451	4415	5061
Black Hawk	474	418	339	295	287	244	123	92	83	3946	3889	3762	3836	3716	3602	3353	2971	2823	16547	16815	17301	17641	17819	18206	19331	20450	22827
Boone	32	21	21	32	25	14	9	4	3	93	103	70	83	95	75	43	41	60	4331	4305	4307	4308	4396	4407	4233	4245	4440
Bremer	12	15	17	17	15	20	5	3	5	72	73	87	83	84	78	60	67	56	5193	5292	5429	5450	5819	5974	5911	6265	7038
Buchanan	18	16	15	8	9	17	9	6	1	59	72	59	51	38	53	43	26	16	3322	3400	3474	3510	3603	3642	3640	3638	4118
Buena Vista	692	589	478	408	337	272	25	2	0	982	902	799	709	592	512	173	68	51	3225	3406	3473	3641	3713	3833	3495	3383	3551
Butler	1	0	3	5	4	4	11	1	4	17	21	22	26	25	22	25	8	16	2046	2036	2075	2098	2145	2443	2746	2839	3275
Calhoun	8	8	19	8	13	6	13	0	2	42	34	47	31	34	28	23	9	19	2393	2438	2485	2540	2578	2611	2443	2528	2894
Carroll	48	21	31	36	22	11	23	2	2	92	57	80	80	56	39	41	17	13	4634	4729	4866	4840	4979	4943	4905	4666	5380
Cass	15	15	14	5	11	17	14	5	14	59	60	52	47	55	62	43	25	43	2856	2921	2996	3063	3125	3171	3206	3212	3523
Cedar	26	18	19	26	27	30	23	8	3	70	53	53	71	62	62	56	21	34	3562	3581	3594	3599	3610	3597	3633	3548	3958
Cerro Gordo	302	314	268	265	278	275	206	176	225	619	605	502	505	502	491	369	325	396	7013	7273	7406	7507	7652	7676	7764	7713	7999
Cherokee	29	11	19	10	11	11	1	1	2	70	36	60	36	45	57	29	17	22	2089	2199	2251	2282	2324	2680	2772	2866	3194
Chickasaw	24	20	22	25	10	9	4	1	0	54	51	59	58	40	34	10	7	7	2587	2662	2691	2739	2519	2513	2523	2760	3294
Clarke	95	49	23	11	4	5	4	0	9	123	66	41	22	16	18	18	12	15	1721	1791	1793	1760	1777	1771	1714	1650	1679
Clay	26	20	13	18	13	8	6	5	1	91	94	79	85	76	65	58	44	42	2875	2894	2965	3050	3062	3113	3534	3508	3685
Clayton	14	8	11	7	7	4	8	6	7	59	47	48	46	41	31	34	19	31	3476	3616	3682	3821	3837	3869	3915	4023	4311
Clinton	104	107	101	92	88	83	61	36	27	580	553	507	481	489	466	384	295	296	8514	8683	8831	8935	8971	9097	9539	10461	11931
Crawford	268	232	156	115	65	41	14	19	15	321	286	201	175	111	85	62	66	47	2578	2583	2679	2785	2796	2891	3545	3942	4174
Dallas	542	461	364	327	247	212	25	12	8	748	641	514	470	374	322	75	77	44	8317	7925	7797	7775	7615	7476	6853	6372	6630
Davis	6	3	6	3	1	1	0	5	4	26	17	17	6	4	8	7	18	20	1248	1204	1204	1245	1306	1311	1408	1482	1588
Decatur	12	20	15	16	3	12	6	5	16	28	45	39	43	32	32	19	14	48	1394	1500	1397	1377	1353	1353	1461	1522	1639
Delaware	13	19	19	22	22	14	8	1	1	39	55	63	69	58	47	40	13	10	3791	3832	3909	4041	4059	4075	3868	3678	4059
Des Moines	165	147	136	131	163	127	150	83	106	838	853	725	685	758	731	680	526	574	6543	6797	6843	7094	7197	7234	7523	7734	8515
Dickinson	15	17	9	12	16	14	11	4	4	58	43	37	34	44	53	38	23	10	2737	2795	2813	2810	2851	2803	2778	2789	2928
Dubuque	138	119	122	95	97	96	59	32	38	697	600	570	514	517	514	320	200	178	17201	17348	17239	17509	17740	17849	18259	19530	23228
Emmet	131	111	115	88	83	89	30	25	12	150	126	135	108	102	112	53	56	35	1777	1819	1920	1976	2007	2140	2280	2342	2642
Fayette	58	63	50	47	44	42	31	34	29	126	122	108	101	96	87	57	59	61	4384	4520	4522	4585	4622	4670	4717	5009	5946

Table 1. Numbers of K-12 Students in Selected Ethnic Groups in Iowa's Counties, 1980, 1985, 1990, and 1995-2000 (continued).

County	Hispanic K-12 Students									Total Minority K-12 Students									White K-12 Students								
	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980
Floyd	51	29	32	18	27	33	16	7	12	88	70	75	49	51	63	53	41	38	2999	3087	3118	3233	3283	3235	3374	3561	4231
Franklin	136	126	122	141	204	121	67	21	0	163	147	131	150	218	134	76	24	9	1704	1786	1832	1899	1997	1962	1968	1816	1964
Fremont	15	11	6	15	14	12	11	15	10	23	18	9	17	20	14	11	18	13	1537	1582	1612	1595	1630	1659	1678	1734	1756
Greene	43	38	47	21	22	13	3	0	0	58	59	79	48	43	35	18	11	20	2000	2008	1999	1976	1983	1969	1891	2015	2309
Grundy	38	33	23	21	11	14	5	0	2	73	71	65	67	55	53	13	13	10	2494	2530	2477	2951	3013	2758	2285	2549	2894
Guthrie	7	5	6	11	11	7	10	6	2	36	25	34	31	24	17	26	19	6	2326	2209	2297	2294	2302	2313	2464	2614	2879
Hamilton	41	33	33	42	43	41	20	20	28	139	129	128	126	110	102	66	53	49	2872	2963	2988	2988	3046	3090	3130	3174	3595
Hancock	50	45	44	48	26	22	27	14	17	72	63	66	69	39	33	47	17	23	1959	2017	2044	2090	2142	2094	2431	2449	2627
Hardin	116	109	114	108	82	76	28	4	14	171	173	179	160	132	113	62	27	55	3081	3237	3310	3381	3524	3559	3916	4086	4746
Harrison	17	26	14	9	2	8	3	2	2	38	52	34	27	28	36	23	19	12	3316	3410	3415	3411	3378	3365	3061	3180	3523
Henry	62	62	41	40	31	42	35	10	11	231	214	188	186	146	144	135	72	85	3576	3609	3675	3658	3627	3678	3705	3542	3679
Howard	10	6	4	6	3	5	8	8	0	42	27	22	23	19	22	23	23	4	2117	2182	2240	2299	2303	2366	2359	2375	2788
Humboldt	27	20	7	9	4	2	1	3	6	38	28	15	21	12	15	10	18	28	1985	2019	2088	2111	2119	2134	2072	2096	2438
Ida	5	3	1	1	2	1	1	0	0	28	28	22	12	22	17	9	3	3	1369	1406	1462	1534	1531	1561	1578	1450	1510
Iowa	45	73	76	74	58	54	20	19	4	80	109	105	113	95	84	45	47	41	2925	2908	2973	2879	2868	2847	3023	2891	3315
Jackson	16	13	13	11	14	10	2	8	1	69	52	49	46	44	37	22	20	9	3962	4006	4031	4078	4172	4182	4176	4437	5122
Jasper	41	33	39	50	38	33	41	32	13	137	117	142	132	134	124	135	114	71	6447	6458	6496	6398	6484	6444	6453	6592	7173
Jefferson	44	37	40	34	30	33	8	5	1	129	119	110	87	79	84	42	42	32	2093	2227	2321	2323	2365	2367	1948	2305	2564
Johnson	476	391	347	343	342	334	194	149	99	2157	1939	1738	1646	1573	1467	1054	815	625	11878	12353	12101	12165	12016	12034	10815	10097	10581
Jones	33	20	16	9	12	6	5	2	2	102	98	69	70	63	41	19	8	6	3484	3507	3550	3633	3661	3674	3450	3737	4230
Keokuk	9	10	10	11	9	7	0	7	2	37	35	28	31	26	19	12	17	13	2253	2320	2356	2415	2445	2469	2445	2450	2716
Kossuth	40	43	45	47	49	32	23	21	29	83	93	87	89	88	70	57	42	50	3046	3220	3327	3419	3484	3482	3596	3860	4558
Lee	164	161	155	172	178	165	166	164	151	515	522	520	535	519	497	495	444	432	6276	6476	6604	6659	6807	6943	6972	7356	7993
Linn	528	499	493	473	442	414	296	266	183	3249	3013	3004	2840	2655	2544	1944	1644	1293	32603	32510	32137	32041	31899	31340	29648	31103	35382
Louisa	587	574	484	434	439	343	192	70	99	617	611	506	454	463	414	246	81	110	2305	2354	2331	2471	2524	2578	2563	2749	3005
Lucas	9	10	13	14	9	8	4	0	3	22	29	25	24	24	17	19	5	5	1537	1517	1525	1596	1608	1564	1568	1647	1827
Lyon	11	12	7	5	6	7	3	2	0	28	29	22	13	30	31	27	28	31	2060	2181	2189	2309	2347	2378	2366	2406	2559
Madison	12	12	18	11	13	4	12	6	6	35	31	38	29	32	17	27	20	16	2911	2904	2973	2890	2861	2850	2793	2804	2956
Mahaska	31	33	25	11	9	13	19	9	8	117	129	95	80	70	75	93	74	81	3414	3356	3382	3404	3488	3394	3433	3396	3416
Marion	27	44	38	32	28	28	25	17	13	211	234	220	207	164	152	139	111	125	6414	6355	6339	6357	6402	6344	6139	6006	6238
Marshall	1004	856	663	560	448	350	78	35	60	1298	1112	909	795	666	578	276	213	234	5632	5841	5984	6078	6225	6346	6815	7197	8110
Mills	37	40	40	30	23	15	8	9	4	80	84	85	55	50	31	18	15	12	2659	2645	2636	2694	2653	2610	2564	2607	2575
Mitchell	8	7	6	2	3	2	8	2	7	26	16	20	21	19	17	24	10	9	1942	1945	1979	2025	2059	2038	2001	2022	2388

Table 1. Numbers of K-12 Students in Selected Ethnic Groups in Iowa's Counties, 1980, 1985, 1990, and 1995-2000 (continued).

County	Hispanic K-12 Students									Total Minority K-12 Students									White K-12 Students								
	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980	2000	1999	1998	1997	1996	1995	1990	1985	1980
Monona	14	12	9	3	10	3	4	1	1	38	41	31	20	26	22	13	4	5	1606	1614	1705	1750	1825	1866	1907	1971	2268
Monroe	12	13	17	10	10	11	5	2	1	43	40	48	38	35	39	36	15	9	1236	1253	1315	1331	1293	1327	1327	1395	1558
Montgomery	6	10	8	9	5	7	7	8	3	13	14	16	22	13	13	14	16	11	2052	2083	2073	2133	2140	2112	2163	2265	2298
Muscatine	1404	1329	1185	1185	1156	1107	947	690	597	1648	1557	1397	1394	1379	1315	1105	798	712	6003	6086	6207	6285	6495	6504	6822	7034	7493
O'Brien	54	32	31	22	34	33	6	5	0	115	96	78	63	75	62	31	30	14	2942	3068	3192	3276	3366	3435	3465	3324	3545
Osceola	16	24	25	20	17	19	0	0	1	41	41	41	38	36	36	11	7	12	962	1020	1068	1066	1057	1047	1001	1054	1263
Page	74	59	56	45	51	31	35	7	4	201	159	180	172	231	68	72	34	22	2801	2849	2932	3043	3083	3040	3230	3242	3367
Palo Alto	15	13	14	22	22	11	4	4	8	45	45	45	42	52	32	16	8	13	1976	2036	2088	2155	2182	2248	2322	2301	2720
Plymouth	79	56	55	39	34	27	7	1	1	181	153	147	127	119	102	28	19	21	5205	5285	5408	5393	5460	5499	5168	4931	5383
Pocahontas	13	9	12	15	16	5	8	0	1	38	33	37	38	44	24	17	4	2	1335	1383	1428	1447	1456	1502	1974	1868	2229
Polk	3352	2974	2608	2332	2093	1812	964	829	891	11258	10786	10251	9925	9558	9074	6900	6348	6275	55062	54621	54778	54672	54159	53980	52337	50807	54139
Pottawattamie	632	537	491	431	407	360	259	221	230	1125	952	861	840	780	681	557	442	478	17043	16962	16992	16961	17215	16770	16494	16510	18047
Poweshiek	24	37	24	19	19	14	10	6	4	115	114	101	105	102	90	80	55	24	2934	2972	2994	3104	3159	3186	2986	3059	3493
Ringgold	2	2	3	2	2	0	0	0	1	12	9	9	8	7	6	10	8	11	922	890	934	960	995	1010	1017	1009	1130
Sac	27	23	16	21	13	12	4	4	3	51	37	30	33	19	22	17	14	16	2049	2193	2240	2261	2317	2319	2473	2411	2705
Scott	1341	1310	1359	1357	1355	1219	986	832	921	5510	5627	5525	5449	5453	5171	4565	3911	3460	24351	24869	25274	25338	25754	25868	26282	28034	31784
Shelby	16	10	12	9	14	7	9	6	3	38	32	42	39	37	35	23	24	41	2697	2843	2777	2849	2857	3043	2724	2774	3327
Sioux	212	169	125	102	77	52	16	2	0	330	284	218	193	171	126	85	83	72	6380	6594	6801	6886	7122	7143	6879	6316	6352
Story	175	174	178	175	148	181	130	74	72	976	994	943	958	883	905	786	562	442	10056	10286	10265	10272	10295	10342	9607	9200	10001
Tama	172	178	174	158	125	108	31	22	4	475	452	416	406	361	329	259	205	258	2908	2947	3003	2588	2630	2675	3034	3264	3730
Taylor	67	75	61	45	39	44	0	0	0	86	88	79	67	64	59	12	4	9	1128	1212	1246	1258	1271	1287	1362	1497	1588
Union	21	22	9	11	13	11	3	1	7	46	48	42	44	37	33	18	21	25	2204	2174	2297	2285	2298	2291	2501	2584	2771
Van Buren	1	9	5	4	6	6	0	2	0	14	25	16	16	17	9	9	11	17	1362	1339	1413	1459	1436	1447	1418	1497	1669
Wapello	245	130	100	100	65	47	10	12	9	471	358	323	322	259	233	153	138	127	5996	6102	6198	6312	6397	6415	6528	7085	7835
Warren	69	55	67	62	37	50	29	8	4	212	175	190	183	129	147	126	96	69	7475	7481	7417	7481	7510	7516	7029	6872	7398
Washington	159	136	116	128	112	91	33	10	12	228	205	181	190	184	160	73	25	45	3505	3594	3613	3659	3638	3597	3621	3696	3943
Wayne	4	2	6	8	4	5	2	0	2	12	5	14	22	23	15	14	10	8	1182	1139	1134	1176	1233	1250	1238	1258	1406
Webster	153	164	132	125	93	89	78	65	78	654	663	594	559	532	491	436	446	450	5927	6235	6287	6579	6764	6696	6973	7245	8416
Winnebago	63	41	42	52	49	39	45	29	26	98	83	93	105	101	87	79	65	56	2668	2746	2770	2743	2816	2923	2848	2718	2930
Winneshiek	8	16	7	12	6	3	6	7	20	53	61	57	67	49	44	48	43	81	3111	3095	3141	3218	3261	3260	3243	3105	3326
Woodbury	2424	2197	1959	1770	1636	1388	541	216	167	4705	4467	4121	3848	3582	3356	2077	1233	976	15977	16341	16665	17281	17499	17438	18377	18652	19810
Worth	21	11	11	16	15	16	16	9	9	34	25	22	34	29	27	19	22	16	1105	1140	1172	1146	1146	1165	1118	1257	1413
Wright	170	143	93	87	74	73	25	8	5	209	178	131	126	105	106	55	37	37	2686	2760	2837	2974	3023	3031	2707	2847	3175
State of Iowa	18169	16302	14513	13397	12322	10848	6483	4596	4508	49614	47073	44078	42422	40438	37858	29266	23963	22457	480622	487022	491972	497311	501773	503091	501913	510927	563803

Table 2. Minority Students as Percent of Total K-12 Students in Iowa's Counties, 1980, 1985, 1990, and 1995-2000.

County	2000	1999	1998	1997	1996	1995	1990	1985	1980
Adair	1.6	0.8	1.1	1.0	0.8	0.9	1.3	1.0	.6
Adams	0.3	0.3	0.7	0.8	0.1	0.3	0.3	0.0	0.0
Allamakee	3.4	2.4	2.4	1.6	1.1	1.3	1.1	.2	.8
Appanoose	3.5	3.5	3.1	2.8	2.4	1.6	1.5	1.3	1.8
Audubon	2.0	1.2	1.6	1.5	0.9	1.3	0.3	0.8	0.8
Benton	1.5	1.6	1.4	1.6	1.3	1.1	1.1	0.7	0.5
Black Hawk	19.3	18.8	17.9	17.9	17.3	16.5	14.8	12.7	11.0
Boone	2.1	2.3	1.6	1.9	2.1	1.7	1.0	1.0	1.3
Bremer	1.4	1.4	1.6	1.5	1.4	1.3	1.0	1.1	0.8
Buchanan	1.7	2.1	1.7	1.4	1.0	1.4	1.2	0.7	0.4
Buena Vista	23.3	20.9	18.7	16.3	13.8	11.8	4.7	2.0	1.4
Butler	0.8	1.0	1.0	1.2	1.2	0.9	0.9	0.3	0.5
Calhoun	1.7	1.4	1.9	1.2	1.3	1.1	0.9	0.4	0.7
Carroll	1.9	1.2	1.6	1.6	1.1	0.8	0.8	0.4	0.2
Cass	2.0	2.0	1.7	1.5	1.7	1.9	1.3	.8	1.2
Cedar	1.9	1.5	1.5	1.9	1.7	1.7	1.5	0.6	0.9
Cerro Gordo	8.1	7.7	6.3	6.3	6.2	6.0	4.5	4.0	4.7
Cherokee	3.2	1.6	2.6	1.6	1.9	2.1	1.0	0.6	0.7
Chickasaw	2.0	1.9	2.1	2.1	1.6	1.3	0.4	0.3	0.2
Clarke	6.7	3.6	2.2	1.2	0.9	1.0	1.0	0.7	0.9
Clay	3.1	3.1	2.6	2.7	2.4	2.0	1.6	1.2	1.1
Clayton	1.7	1.3	1.3	1.2	1.1	0.8	0.9	0.5	0.7
Clinton	6.4	6.0	5.4	5.1	5.2	4.9	3.9	2.7	2.4
Crawford	11.1	10.0	7.0	5.9	3.8	2.9	1.7	1.6	1.1
Dallas	8.3	7.5	6.2	5.7	4.7	4.1	1.1	1.2	0.7
Davis	2.0	1.4	1.4	0.5	0.3	0.6	0.5	1.2	1.2
Decatur	2.0	2.9	2.7	3.0	2.3	2.3	1.3	0.9	2.8
Delaware	1.0	1.4	1.6	1.7	1.4	1.1	1.0	0.4	0.2
Des Moines	11.4	11.2	9.6	8.8	9.5	9.2	8.3	6.4	6.3
Dickinson	2.1	1.5	1.3	1.2	1.5	1.9	1.3	0.8	0.3
Dubuque	3.9	3.3	3.2	2.9	2.8	2.8	1.7	1.0	0.8
Emmet	7.8	6.5	6.6	5.2	4.8	5.0	2.3	2.3	1.3
Fayette	2.8	2.6	2.3	2.2	2.0	1.8	1.2	1.2	1.0
Floyd	2.9	2.2	2.3	1.5	1.5	1.9	1.5	1.1	0.9
Franklin	8.7	7.6	6.7	7.3	9.8	6.4	3.7	1.3	0.5
Fremont	1.5	1.1	0.6	1.1	1.2	0.8	0.7	1.0	0.7
Greene	2.8	2.9	3.8	2.4	2.1	1.7	0.9	0.5	0.9
Grundy	2.8	2.7	2.6	2.2	1.8	1.9	0.6	0.5	0.3
Guthrie	1.5	1.1	1.5	1.3	1.0	0.7	1.0	0.7	0.2
Hamilton	4.6	4.2	4.1	4.0	3.5	3.2	2.1	1.6	1.3
Hancock	3.5	3.0	3.1	3.2	1.8	1.6	1.9	0.7	0.9
Hardin	5.3	5.1	5.1	4.5	3.6	3.1	1.6	0.7	1.1
Harrison	1.1	1.5	1.0	0.8	0.8	1.1	0.7	0.6	0.3
Henry	6.1	5.6	4.9	4.8	3.9	3.8	3.5	2.0	2.3
Howard	1.9	1.2	1.0	1.0	0.8	0.9	1.0	1.0	0.1
Humboldt	1.9	1.4	0.7	1.0	0.6	0.7	0.5	0.9	1.1
Ida	2.0	2.0	1.5	0.8	1.4	1.1	0.6	0.2	0.2
Iowa	2.7	3.6	3.4	3.8	3.2	2.9	1.5	1.6	1.2
Jackson	1.7	1.3	1.2	1.1	1.0	0.9	0.5	0.4	0.2
Jasper	2.1	1.8	2.1	2.0	2.0	1.9	2.0	1.7	1.0

Table 2. Minority Students as Percent of Total K-12 Students in Iowa's Counties, 1980, 1985, 1990, and 1995-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1990	1985	1980
Jefferson	5.8	5.1	4.5	3.6	3.2	3.4	2.1	1.8	1.2
Johnson	15.4	13.6	12.6	11.9	11.6	10.9	8.9	7.5	5.6
Jones	2.8	2.7	1.9	1.9	1.7	1.1	0.5	0.2	0.1
Keokuk	1.6	1.5	1.2	1.3	1.1	0.8	0.5	0.7	0.5
Kossuth	2.7	2.8	2.5	2.5	2.5	2.0	1.6	1.1	1.1
Lee	7.6	7.5	7.3	7.4	7.1	6.7	6.6	5.7	5.1
Linn	9.1	8.5	8.5	8.1	7.7	7.5	6.2	5.0	3.5
Louisa	21.1	20.6	17.8	15.5	15.5	13.8	8.8	2.9	3.5
Lucas	1.4	1.9	1.6	1.5	1.5	1.1	1.2	0.3	0.3
Lyon	1.3	1.3	1.0	0.6	1.3	1.3	1.1	1.2	1.2
Madison	1.2	1.1	1.3	1.0	1.1	0.6	1.0	0.7	0.5
Mahaska	3.3	3.7	2.7	2.3	2.0	2.2	2.6	2.1	2.3
Marion	3.2	3.6	3.4	3.2	2.5	2.3	2.2	1.8	2.0
Marshall	18.7	16.0	13.2	11.6	9.7	8.3	3.9	2.9	2.8
Mills	2.9	3.1	3.1	2.0	1.8	1.2	0.7	0.6	0.5
Mitchell	1.3	0.8	1.0	1.0	0.9	0.8	1.2	0.5	0.4
Monona	2.3	2.5	1.8	1.1	1.4	1.2	0.7	0.2	0.2
Monroe	3.4	3.1	3.5	2.8	2.6	2.9	2.6	1.1	0.6
Montgomery	0.6	0.7	0.8	1.0	0.6	0.6	0.6	0.7	0.5
Muscatine	21.5	20.4	18.4	18.2	17.5	16.8	13.9	10.2	8.7
O'Brien	3.8	3.0	2.4	1.9	2.2	1.8	0.9	0.9	0.4
Osceola	4.1	3.9	3.7	3.4	3.3	3.3	1.1	0.7	0.9
Page	6.7	5.3	5.8	5.3	7.0	2.2	2.2	1.0	0.6
Palo Alto	2.2	2.2	2.1	1.9	2.3	1.4	0.7	0.3	0.5
Plymouth	3.4	2.8	2.6	2.3	2.1	1.8	0.5	0.4	0.4
Pocahontas	2.8	2.3	2.5	2.6	2.9	1.6	0.9	0.2	0.1
Polk	17.0	16.5	15.8	15.4	15.0	14.4	11.6	11.1	10.4
Pottawattamie	6.2	5.3	4.8	4.7	4.3	3.9	3.3	2.6	2.6
Poweshiek	3.8	3.7	3.3	3.3	3.1	2.7	2.6	1.8	0.7
Ringgold	1.3	1.0	1.0	0.8	0.7	0.6	1.0	0.8	1.0
Sac	2.4	1.7	1.3	1.4	0.8	0.9	0.7	0.6	0.6
Scott	18.5	18.5	17.9	17.7	17.5	16.7	14.8	12.2	9.8
Shelby	1.4	1.1	1.5	1.4	1.3	1.1	0.8	0.9	1.2
Sioux	4.9	4.1	3.1	2.7	2.3	1.7	1.2	1.3	1.1
Story	8.8	8.8	8.4	8.5	7.9	8.0	7.6	5.8	4.2
Story	8.8	8.8	8.4	8.5	7.9	8.0	7.6	5.8	4.2
Tama	14.0	13.3	12.2	13.6	12.1	11.0	7.9	5.9	6.5
Taylor	7.1	6.8	6.0	5.1	4.8	4.4	0.9	0.3	0.6
Taylor	7.1	6.8	6.0	5.1	4.8	4.4	0.9	0.3	0.6
Union	2.0	2.2	1.8	1.9	1.6	1.4	0.7	0.8	0.9
Union	2.0	2.2	1.8	1.9	1.6	1.4	0.7	0.8	0.9
Van Buren	1.0	1.8	1.1	1.1	1.2	0.6	0.6	0.7	1.0
Van Buren	1.0	1.8	1.1	1.1	1.2	0.6	0.6	0.7	1.0
Wapello	7.3	5.5	5.0	4.9	3.9	3.5	2.3	1.9	1.6
Wapello	7.3	5.5	5.0	4.9	3.9	3.5	2.3	1.9	1.6
Warren	2.8	2.3	2.5	2.4	1.7	1.9	1.8	1.4	0.9
Warren	2.8	2.3	2.5	2.4	1.7	1.9	1.8	1.4	0.9
Washington	6.1	5.4	4.8	4.9	4.8	4.3	2.0	0.7	1.1
Washington	6.1	5.4	4.8	4.9	4.8	4.3	2.0	0.7	1.1
Wayne	1.0	0.4	1.2	1.8	1.8	1.2	1.1	0.8	0.6
Wayne	1.0	0.4	1.2	1.8	1.8	1.2	1.1	0.8	0.6
Wayne	1.0	0.4	1.2	1.8	1.8	1.2	1.1	0.8	0.6
Wayne	1.0	0.4	1.2	1.8	1.8	1.2	1.1	0.8	0.6
Webster	9.9	9.6	8.6	7.8	7.3	6.8	5.9	5.8	5.1
Webster	9.9	9.6	8.6	7.8	7.3	6.8	5.9	5.8	5.1
Webster	9.9	9.6	8.6	7.8	7.3	6.8	5.9	5.8	5.1
Webster	9.9	9.6	8.6	7.8	7.3	6.8	5.9	5.8	5.1
Winneshiek	1.7	1.9	1.8	2.0	1.5	1.3	1.5	1.4	2.4
Winneshiek	1.7	1.9	1.8	2.0	1.5	1.3	1.5	1.4	2.4
Winneshiek	1.7	1.9	1.8	2.0	1.5	1.3	1.5	1.4	2.4
Winneshiek	1.7	1.9	1.8	2.0	1.5	1.3	1.5	1.4	2.4
Woodbury	22.7	21.5	19.8	18.2	17.0	16.1	10.2	6.2	4.7
Woodbury	22.7	21.5	19.8	18.2	17.0	16.1	10.2	6.2	4.7
Woodbury	22.7	21.5	19.8	18.2	17.0	16.1	10.2	6.2	4.7
Woodbury	22.7	21.5	19.8	18.2	17.0	16.1	10.2	6.2	4.7
Worth	3.0	2.1	1.8	2.9	2.5	2.3	1.7	1.7	1.1
Worth	3.0	2.1	1.8	2.9	2.5	2.3	1.7	1.7	1.1
Worth	3.0	2.1	1.8	2.9	2.5	2.3	1.7	1.7	1.1
Worth	3.0	2.1	1.8	2.9	2.5	2.3	1.7	1.7	1.1
Wright	7.2	6.1	4.4	4.1	3.4	3.4	2.0	1.3	1.2
Wright	7.2	6.1	4.4	4.1	3.4	3.4	2.0	1.3	1.2
Wright	7.2	6.1	4.4	4.1	3.4	3.4	2.0	1.3	1.2
Wright	7.2	6.1	4.4	4.1	3.4	3.4	2.0	1.3	1.2
State of Iowa	9.4	8.8	8.2	7.9	7.5	7.0	5.5	4.5	3.8

1990, less than 1 percent of enrollees were minority students in 29 counties; only three counties were below 1 percent in 2000. Black Hawk, Muscatine, Polk, Scott, and Woodbury were the only counties in which at least 10 percent of enrollees were in the minority category in 1990, with the percentage of 14.8 in Black Hawk and Scott the highest. By 2000, at least 20 percent of students in Buena Vista, Louisa, Muscatine, and Woodbury were members of minority groups, as were more than 15 percent in Black Hawk, Johnson, Marshall, Polk, and Scott. Crawford, Des Moines, and Tama ranged from 10.0 to 14.9 percent that year (Figure 1). The numbers in Tables 1 and 2 indicate that minority enrollment grew in some of Iowa's more rural counties as well as in metropolitan areas.

Minority students declined between 1990 and 2000 in four counties, although the declines were small (-1 to -8). Increases were of a much greater magnitude. Twenty-eight counties gained at least 100 minority students. Eleven of these increased by 500 or more with Polk's gain of nearly 4,400 and Woodbury's increase of more than 2,600 the highest. Nearly half (47) of the counties at least doubled their minority enrollments from 1990 to 2000; 27 of these tripled their numbers. Of course, caution is urged because relatively modest numerical changes sometimes resulted in substantial percentage changes because of the small numbers reported in 1990.

American Indian Enrollees

Iowa's schools had 2,596 American Indian students enrolled in 2000, the fewest among the minority groups. Eight counties had no American Indian enrollees and 58 others had fewer than 10. Woodbury's enrollment (743) along with five others with at least 100 (Linn, Polk, Pottawattamie, Scott, Tama) accounted for more than two-thirds (68.2%) of the state's American Indian students. In Monona and Tama, American Indian enrollment was the largest of the four minority groups.

Three of every four (78) counties changed by fewer than 10 American Indian students in either direction (+ or -) between 1990 and 2000. Two counties (Polk, Woodbury) each gained more than 100 during this period. The state's increase was 949 (+57.6%).

Asian American Enrollees

In 2000, Asian American students numbered 8,953 in the schools, an increase of 1,995 (+28.7%) from 1990. While all counties reported at least one Asian American enrollee, 19 had fewer than 10 in 2000. Polk's enrollment of 2,300 was the largest and was a quarter (25.5%) of the state's Asian American students that year.

Counties with at least 100 Asian American students were mostly those with larger cities. Twenty-six counties had Asian Americans as their largest student minority group. Three-fifths (61) of Iowa's 99 counties had more Asian American students in 2000 than in 1990. Gains greater than 100 occurred in six counties, led by an increase of more than 400 in Polk.

Black Enrollees

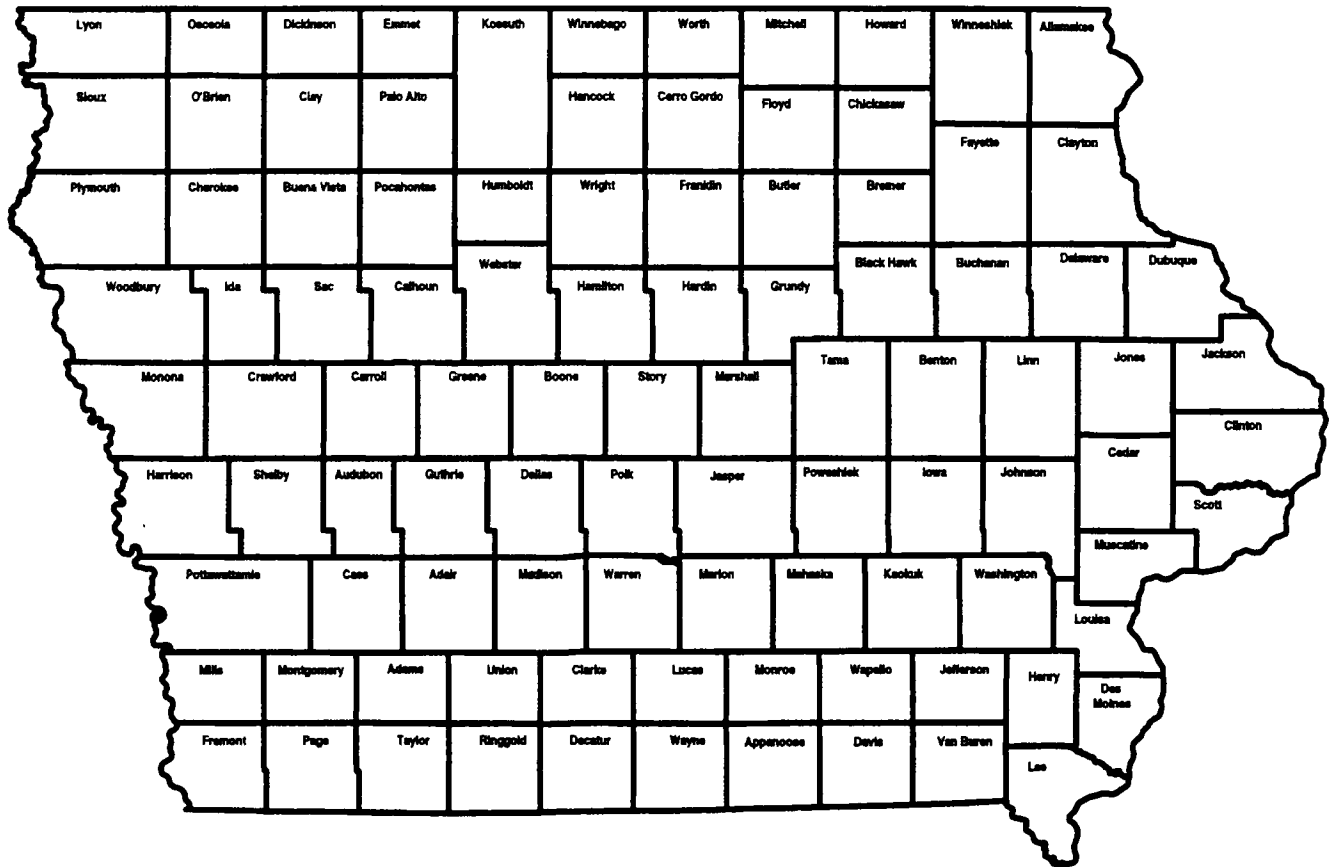
Black students (19,896) were greater in number than any of the other minority groups in 2000; this was true for all years reported in Table 1. Four metropolitan counties (Black Hawk, Linn, Polk, Scott) contained 68.9 percent of the black students in 2000. Three counties had no black students and 25 others had fewer than 10. Blacks were the largest minority group in 20 of Iowa's counties.

Black enrollees increased by 5,718 (+40.3%) between 1990 and 2000. Johnson, Linn, and Polk experienced the greatest increases during the 10 years. Only four counties had fewer black students in 2000 than in 1990 and these drops were small; four others did not change.

Hispanic Enrollees

Hispanic students numbered 18,169 in 2000. Marshall, Muscatine, Polk, Scott, and Woodbury each had more than 1,000 Hispanic enrollees. Eight others ranged from 300 to 999. Hispanic students constituted the largest minority group in 48 counties.

Hispanic enrollment grew more in both number (+11,686) and percentage (+180.3%) than American Indians, Asian Americans, or blacks between 1990 and 2000. Seven counties lost a few Hispanic enrollees, but increases of 100 or more took place in 19 counties; Polk and Woodbury each gained more than 1,000. Buena Vista, Dallas, and Marshall also added at least 500 Hispanic enrollees during the 1990-2000 period.



K-12 Students with Limited English Proficiency in Iowa's Counties: 1998-2000

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In 2000, 11,436 K-12 students in public and nonpublic schools in Iowa had limited English proficiency. Most of these students were from families for which English was not the native language and was not usually spoken at home. From 1999 to 2000, students with limited English proficiency increased by 10.9 percent (+1,126); the numerical (+1,984) and percentage (+23.8%) gains were even higher between 1998 and 1999 (Table 1). Because school district boundaries do not necessarily correspond with county lines and because some districts have cooperative sharing agreements with other districts, students may have been counted in the enrollment of a county different from that in which they lived. For most students in the state, however, the county in which they live and the county in which they are counted as being enrolled are the same. Additional caution is merited because some districts have merged between 1998 and 2000, the years for which data are reported. That means the administrative headquarters, the location of which determines where students are counted, may have changed. Such changes will affect year-to-year comparisons.

During the 2000 school year, more than 70 different native languages were found among K-12 students with limited English proficiency. The number of Spanish-speaking students (7,128), the largest language group, was nearly 10 times greater than those speaking Vietnamese (768), which was the second most numerous language spoken, followed in third place by Serbo-Croatian (556). Thirty-three languages each had fewer than 5 students.

Nearly half (46.8%) of the limited English proficiency students in 2000 lived in just two counties (Polk, Woodbury); both counties exceeded 2,000 such students. Black Hawk, Buena Vista, Marshall, and Muscatine ranged from 500 to 999. There were no such students in 32 counties in 2000; 16 counties had none in any of the three years reported.

Spanish was the dominant language among students with limited English proficiency, representing about 60 percent each year (Table 1). In 2000, Polk and Woodbury each had at least 1,500 such students; Buena Vista and Marshall were the only others with at least 300. For 27 of the 67 counties with at least one student with limited English proficiency in 2000, 80 percent or more of these students spoke Spanish. The gain among those speaking Spanish who had limited English proficiency exceeded 2,100 from 1998 to 2000.

Two other groups of languages are noted in this report. One includes the 1,474 students in 2000 with a native language of Cambodian, Hmong, Laotian, Tai Dam, Thai, or Vietnamese. Many of the families of these Southeast Asian students would have come as part of resettlement plans applied to that part of the world. Buena Vista, Polk, Scott, and Woodbury each contained at least 100 students who spoke these languages. Together, these four counties accounted for 89.3 percent of the state's total. Seventy-eight counties reported no students with these languages that had limited English proficiency in 2000. Generally, there was little change from 1998 to 2000 in the total number of students with limited English proficiency who spoke these languages.

Southeastern Europe experienced various conflicts during the 1990s and some residents from that area emigrated to Iowa. In 2000, 1,369 students in Iowa had a native language of Bosnian, Croatian, Serbian, or Serbo-Croatian. These students lived in 10 counties, with Polk and Black Hawk containing 89 percent of these students. Students speaking these languages nearly doubled from 1998 through 2000.

Table 1. K-12 Students with Limited English Proficiency (LEP) in Iowa's Counties, 1998-2000 (continued).

County	Total Students with Limited English Proficiency			LEP Students Who Speak Spanish			LEP Students Who Speak Cambodian, Hmong, Laotian, Tai Dam, Thai, or Vietnamese			LEP Students Who Speak Bosnian, Croatian, Serbian, or Serbo-Croatian			LEP Students Who Speak Some Other Language		
	2000	1999	1998	2000	1999	1998	2000	1999	1998	2000	1999	1998	2000	1999	1998
Floyd	17	6	2	13	3	2	0	0	0	0	0	0	4	3	0
Franklin	106	104	94	104	98	89	0	0	0	0	0	0	2	6	5
Fremont	3	1	5	0	1	5	0	0	0	0	0	0	3	0	0
Greene	16	19	7	14	15	7	0	0	0	0	0	0	2	4	0
Grundy	13	2	6	7	0	5	0	0	0	0	0	0	6	2	1
Guthrie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hamilton	37	27	21	0	2	2	36	25	19	0	0	0	1	0	0
Hancock	1	4	7	1	4	7	0	0	0	0	0	0	0	0	0
Hardin	77	69	27	74	66	26	0	0	0	0	0	0	3	3	1
Harrison	2	11	3	2	10	1	0	0	1	0	0	1	0	1	0
Henry	65	55	48	8	9	6	51	38	40	0	0	0	6	8	2
Howard	2	0	5	2	0	2	0	0	0	0	0	0	0	0	3
Humboldt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	3	1	2	1	1	2	0	0	0	0	0	0	2	0	0
Jackson	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Jasper	13	13	8	6	6	2	2	0	0	0	0	0	5	7	6
Jefferson	25	36	37	15	14	10	1	0	0	0	0	0	9	22	27
Johnson	228	189	140	52	33	28	4	4	4	22	20	6	150	132	102
Jones	4	3	0	2	1	0	0	0	0	0	0	0	2	2	0
Keokuk	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0
Kossuth	0	2	3	0	0	1	0	0	0	0	0	0	0	2	2
Lee	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
Linn	150	145	120	37	34	19	7	11	24	8	6	1	98	94	76
Louisa	247	283	247	247	283	247	0	0	0	0	0	0	0	0	0
Lucas	2	2	2	0	1	2	0	0	0	0	0	0	2	1	0
Lyon	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Madison	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mahaska	16	13	7	2	5	2	0	0	1	0	0	0	14	8	4
Marion	31	23	85	1	0	2	21	21	75	0	0	0	9	2	8
Marshall	711	587	392	711	575	366	0	5	18	0	0	0	0	7	8
Mills	0	3	0	0	2	0	0	0	0	0	0	0	0	1	0
Mitchell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 1. K-12 Students with Limited English Proficiency (LEP) in Iowa's Counties, 1998-2000 (continued).

County	Total Students with Limited English Proficiency			LEP Students Who Speak Spanish			LEP Students Who Speak Cambodian, Hmong, Laotian, Tai Dam, Thai, or Vietnamese			LEP Students Who Speak Bosnian, Croatian, Serbian, or Serbo-Croatian			LEP Students Who Speak Some Other Language		
	2000	1999	1998	2000	1999	1998	2000	1999	1998	2000	1999	1998	2000	1999	1998
Monona	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monroe	0	0	4	0	0	1	0	0	1	0	0	0	0	0	2
Montgomery	0	6	2	0	5	2	0	0	0	0	0	0	0	1	0
Muscatine	550	574	544	222	224	504	0	0	28	0	0	0	328	350	12
O'Brien	23	12	14	14	12	12	0	0	1	0	0	0	9	0	1
Osceola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Page	13	13	13	8	5	4	0	0	0	0	0	0	5	8	9
Palo Alto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plymouth	21	13	11	21	13	11	0	0	0	0	0	0	0	0	0
Pocahontas	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
Polk	3181	2606	2100	1544	1207	936	548	410	521	795	643	430	294	346	213
Pottawattamie	101	139	118	79	125	105	9	7	3	0	0	0	13	7	10
Poweshiek	8	14	13	2	1	0	4	5	6	0	0	0	2	8	7
Ringgold	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scott	483	452	313	179	149	98	198	217	181	70	60	0	36	26	34
Shelby	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sioux	129	106	52	129	98	49	0	5	0	0	0	0	0	3	3
Story	156	147	123	17	16	9	0	5	5	0	0	0	139	126	109
Tama	58	64	210	58	64	99	0	0	0	0	0	0	0	0	111
Taylor	58	57	44	55	48	35	0	0	0	0	0	0	3	9	9
Union	0	7	2	0	7	0	0	0	0	0	0	0	0	0	2
Van Buren	0	1	4	0	1	2	0	0	0	0	0	0	0	0	2
Wapello	109	57	15	103	41	9	1	1	1	0	4	0	5	11	5
Warren	13	7	12	0	0	6	3	3	3	0	0	0	10	4	3
Washington	142	69	115	136	61	112	0	0	0	5	5	1	1	3	2
Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Webster	34	28	15	27	22	12	1	4	2	0	0	0	6	2	1
Winnebago	42	0	0	27	0	0	0	0	0	6	0	0	9	0	0
Winneshiek	9	0	13	0	0	4	4	0	5	0	0	0	5	0	4
Woodbury	2172	1964	1630	1775	1621	1253	360	331	324	0	0	0	37	12	53
Worth	5	0	0	4	0	0	0	0	0	0	0	0	1	0	0
Wright	134	90	75	125	90	72	0	0	0	0	0	0	9	0	3
State of Iowa	11436	10310	8326	7128	6187	4984	1474	1324	1503	1369	1275	697	1465	1524	1142

Public Secondary School Dropouts in Iowa's Counties: 1980, 1985, and 1990-2000

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Margaret Hanson, Iowa State University
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Information about public school dropouts from grades seven through twelve and nongraded secondary special education classes is collected and tabulated annually for Iowa's counties by the Iowa Department of Education. A student is counted as a dropout if he or she withdraws before graduation or completion of a secondary school program for reasons other than death or transfer to any other approved secondary school program. Dropouts are counted by fiscal year, not by calendar or school year. Thus, what we have labeled as 2000 dropouts are those who left school from 1 July 1999 through 30 June 2000.

Information on dropouts is gathered at the school district level, not by residence of the students. Because school district boundaries do not necessarily correspond with county lines and because some districts have cooperative sharing agreements with other districts, students may have been counted in the enrollment of a county different from that in which they lived. For most students in the state, however, the county in which they live and the county in which they are counted as being enrolled are the same.

Public school dropouts in Iowa numbered 4,027 for 2000 (Table 1), which was only four greater than the previous year; the 1999 figure was the lowest total reported for any year included in the table. The highest number was the 8,346 noted in 1980 (Figure 1).

Polk had the highest number of dropouts in 2000; indeed, Polk had the greatest number each year from 1990 through 2000 except 1993, when Scott had the most. Other counties with at least 100 dropouts each year included Black Hawk, Linn, Pottawattamie, and Woodbury. Some counties had very few or no dropouts in selected years. Audubon, Ida, Lyon, and Osceola had fewer than 10 dropouts in at least 10 of the last 11 years.

The state as a whole and all counties had years between 1990 and 2000 when the number of dropouts increased and other years when the number decreased. Fifty-nine counties had fewer dropouts in 2000 than in 1990. Black Hawk, Johnson, Polk, and Scott had at least 100 fewer dropouts in 2000 than in 1990. Thirty-six counties had more dropouts in 2000 than in 1990, although only Wapello increased by more than 50.

At the same time the number of dropouts was changing in Iowa, so was the number of school enrollees (Table 1). Student enrollment in public secondary schools declined between 1990 and 1991 but increased from that year through 1997 and has been about 230,000 since then. Overall, there were about 15,900 more secondary school students in Iowa in 2000 than in 1990. Three-fourths (75) of Iowa's 99 counties had more secondary enrollees in 2000 than in 1990. Gains were greater than 200 in 21 counties, with at least 1,000 more secondary students in Johnson, Polk, Pottawattamie, and Story. Twenty-four counties recorded decreases in secondary enrollees between 1990 and 2000, with declines exceeding 200 in Crawford and Des Moines. Caution must be reiterated; mergers and other boundary changes could affect differences noted here.

Percentage of Dropouts

In 2000, 1.8 percent of public secondary enrollees in Iowa became dropouts; the years 1999 and 2000 were the only ones below 2.0 percent of the years reported (Table 2). The proportion of dropouts for Iowa varied between 1.7 and 2.5 percent for the 11 years from 1990 through 2000 but was higher in 1980 as noted in Figure 2.

There were significant variations among the counties in the percentage of students that dropped out in 2000. A third (33) of the counties had fewer than 1 percent of their secondary students leave school in 2000, but Decatur, Louisa, and Wapello had percentages ranging from 4.1 to 4.2.

Sixty of Iowa's counties had lower percentages of students drop out in 2000 than in 1990 while 31 counties were higher and eight remained the same. Some counties, however, were consistently among those with the highest percentages while others were consistently among the lowest.

Note: Additional information on public secondary school dropouts is available from the Division of Instructional Services in the Iowa Department of Education (Grimes State Office Building, Des Moines, IA 50319).

Table 1. Public Secondary School Dropouts and Enrollees in Iowa's Counties, 1980, 1985, and 1990-2000.¹

County	2000 ²		1999		1998		1997		1996		1995		1994		1993		1992		1991		1990		1985		1980		
	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop
Adair	10	494	6	577	15	596	10	600	13	614	7	618	3	584	12	586	2	530	3	519	4	489	2	574	1	736	
Adams	6	346	3	332	2	337	2	349	3	345	3	346	3	333	2	315	12	302	9	300	12	361	1	364	7	507	
Allamakee	13	1354	15	1383	13	1389	12	1398	9	1367	7	1386	4	1339	18	1286	11	1268	25	1233	13	1313	11	1499	38	1910	
Appanoose	13	1083	37	1142	43	1193	106	1222	48	1199	60	1198	37	1191	43	1160	42	1144	41	1089	45	1186	33	1193	64	1425	
Audubon	5	529	0	540	5	537	8	584	1	543	5	554	7	562	6	542	1	534	8	513	0	507	4	648	9	861	
Benton	18	1912	40	1949	24	1926	47	2082	43	1811	52	1793	35	1806	41	1868	26	1761	30	1770	33	1874	39	2159	91	2615	
Black Hawk	163	8351	314	8366	397	7968	388	9214	481	8226	257	8450	318	8202	549	7813	546	7813	493	7668	488	7653	454	9268	549	11264	
Boone	28	1988	43	1996	44	1945	32	2039	25	1958	47	1891	52	1844	43	1755	23	1677	21	1639	34	1729	38	2024	74	2252	
Bremer	31	2499	46	2677	35	2697	28	3037	20	2919	21	2817	14	2713	20	2616	13	2568	17	2457	32	2615	31	3144	72	3447	
Buchanan	13	1573	20	1527	20	1488	37	1700	31	1572	40	1550	35	1477	41	1496	24	1485	19	1454	21	1518	37	1605	52	1950	
Buena Vista	31	1817	27	1825	37	1864	20	1930	35	1821	33	1864	29	1778	36	1543	34	1457	30	1423	30	1505	17	1476	35	1733	
Butler	2	986	4	1030	5	1053	7	1066	6	1166	7	1193	9	1203	6	1151	5	1188	13	1144	11	1146	10	1431	19	1681	
Calhoun	11	1180	13	1207	7	1236	12	1292	5	1261	11	1226	7	1246	6	1219	3	1145	13	1064	10	1066	9	1289	33	1591	
Carroll	9	1641	8	1660	13	1647	15	1655	10	1513	16	1490	20	1461	15	1350	10	1231	10	1130	10	1164	20	1260	29	1412	
Cass	17	1433	24	1499	23	1556	39	1614	21	1582	28	1546	18	1466	22	1432	19	1391	26	1334	18	1367	18	1531	38	1871	
Cedar	22	1667	10	1731	23	1732	9	1787	21	1751	19	1710	14	1676	19	1674	23	1636	22	1574	11	1575	27	1781	29	2164	
Cerro Gordo	63	3171	32	3140	96	3182	130	3623	89	3345	94	3145	122	3066	66	3012	80	2956	96	2905	70	3160	101	3623	165	4046	
Cherokee	13	1106	14	1130	16	1160	16	1183	9	1271	25	1268	25	1266	8	1248	17	1219	16	1206	19	1228	12	1362	45	1638	
Chickasaw	13	1280	12	1326	12	1337	16	1186	15	1225	18	1146	14	1119	5	1110	15	1068	17	1075	9	1099	15	1369	31	1714	
Clarke	9	848	19	872	16	851	30	867	23	842	16	790	22	786	8	761	17	775	12	746	20	727	9	771	27	798	
Clay	9	1384	10	1428	9	1475	32	1512	42	1503	21	1494	32	1481	19	1653	25	1595	15	1495	17	1469	21	1574	20	1851	
Clayton	11	1763	3	1799	16	1879	22	1882	15	1864	17	1813	19	1799	20	1738	16	1704	28	1680	11	1746	23	1828	60	2262	
Clinton	88	4060	31	4014	129	4044	140	4385	132	4112	157	4059	103	4094	87	4064	133	4075	175	3914	92	4229	92	5037	255	5941	
Crawford	7	1291	8	1288	20	1344	27	1326	15	1350	11	1353	17	1404	14	1407	42	1505	18	1491	21	1551	13	1781	43	2064	
Dallas	43	3649	58	3642	49	3602	93	3586	65	3403	65	3097	57	3041	98	2929	69	2774	64	2697	40	2705	39	3018	90	3146	
Davis	14	600	7	591	9	614	19	697	21	665	26	676	11	656	13	637	9	651	13	606	15	670	14	728	47	836	
Decatur	29	700	15	668	1	677	10	689	8	653	5	699	9	594	13	640	12	690	14	642	13	643	13	758	32	858	
Delaware	39	1862	28	1898	33	1952	22	2017	27	1919	41	1786	19	1734	13	1600	8	1536	21	1471	18	1484	28	1809	39	2240	
Des Moines	106	3258	44	3259	56	3365	107	3779	97	3407	73	3401	60	3358	53	3199	48	3179	70	3113	68	3573	179	3994	156	4589	
Dickinson	11	1360	21	1360	9	1382	16	1427	17	1367	7	1402	13	1323	13	1315	16	1246	12	1199	12	1277	14	1350	36	1493	
Dubuque	95	6131	102	6262	127	6434	156	6806	133	6523	135	6221	145	6063	148	5842	116	5635	130	5546	140	6088	205	7119	325	8135	
Emmet	12	943	25	1001	15	992	33	1082	24	1173	7	1141	13	1133	10	1087	11	1064	16	1018	18	1100	21	1189	31	1328	
Fayette	17	2169	28	2210	26	2175	36	2236	34	2189	35	2222	26	2108	39	2124	25	2026	19	2003	27	2036	33	2497	80	3208	
Floyd	28	1517	24	1537	29	1542	44	1619	24	1513	22	1524	20	1493	28	1521	32	1483	33	1443	33	1540	17	1867	47	2261	
Franklin	16	939	10	958	17	1004	16	1141	18	991	19	976	21	944	12	900	18	873	19	852	9	821	12	828	8	1046	
Fremont	7	767	4	777	1	773	4	820	11	813	22	807	15	812	12	802	10	802	10	721	14	752	12	820	29	849	

Table 1. Public Secondary School Dropouts and Enrollees in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).¹

County	2000 ²		1999		1998		1997		1996		1995		1994		1993		1992		1991		1990		1985		1980	
	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll
Greene	16	1046	7	1007	3	969	7	1021	12	929	7	895	11	842	8	818	13	817	10	776	23	809	8	1009	19	1278
Grundy	13	1241	11	1196	7	1459	4	1491	16	1353	17	1322	12	1313	12	1303	8	1047	8	1008	4	1063	13	1296	17	1558
Guthrie	10	1097	6	1143	12	1149	10	1174	8	1162	18	1135	8	1098	7	1081	13	1083	16	1101	10	1087	8	1288	33	1500
Hamilton	4	1444	12	1473	15	1419	11	1502	21	1440	26	1425	25	1389	23	1406	25	1322	19	1305	20	1380	27	1580	40	1948
Hancock	18	1044	15	1072	20	1089	20	1091	9	1032	10	1016	7	1156	7	1102	4	1111	6	1087	7	1053	7	1098	20	1351
Hardin	26	1765	18	1839	28	1807	32	1880	37	1797	35	1799	31	1676	33	1685	24	1739	18	1657	18	1764	19	2105	45	2590
Harrison	18	1674	9	1630	25	1654	24	1633	20	1607	25	1624	20	1424	22	1380	27	1381	19	1350	24	1391	33	1625	38	1833
Henry	9	1816	23	1855	6	1840	23	1825	50	1835	44	1814	32	1760	28	1769	21	1680	27	1636	32	1661	32	1712	36	1798
Howard	25	1073	11	1132	12	1107	12	1150	11	1142	11	1147	9	1106	10	1061	3	991	4	970	10	968	2	1072	17	1467
Humboldt	5	1002	5	1001	7	991	5	989	10	956	17	932	7	908	11	866	8	841	7	858	6	839	18	1008	18	1312
Ida	1	715	2	745	2	764	3	762	2	724	8	726	14	778	1	664	2	652	6	649	3	689	0	660	12	802
Iowa	2	1258	8	1340	9	1272	6	1329	12	1264	9	1386	5	1277	6	1244	6	1196	3	1146	11	1125	12	1352	29	1824
Jackson	27	1753	31	1752	40	1809	37	1987	38	1783	52	1785	40	1789	28	1751	25	1722	26	1666	30	1721	32	1998	52	2476
Jasper	94	3006	69	3014	51	2965	62	3229	30	3055	30	2966	44	2973	56	2949	39	2875	57	2768	114	2948	78	3228	110	3647
Jefferson	29	995	32	1022	22	958	22	976	22	929	23	829	16	803	33	843	24	795	20	797	23	855	19	1100	37	1284
Johnson	46	5942	38	5837	80	5752	46	5928	58	5443	91	5024	60	4858	64	4705	46	4490	47	4239	177	4636	87	4792	54	5008
Jones	19	1648	27	1686	49	1727	49	1782	40	1721	52	1730	47	1727	34	1634	18	1461	22	1471	34	1609	14	1856	37	2189
Keokuk	11	1037	14	1080	13	1164	13	1227	13	1177	17	1143	19	1132	13	1073	15	1018	14	1010	6	1042	10	1185	37	1512
Kossuth	6	1249	4	1303	3	1334	7	1362	5	1285	6	1255	11	1240	13	1195	9	1131	8	1101	17	1123	13	1303	30	1687
Lee	63	2835	56	2856	62	2849	106	3286	128	3068	198	3080	122	3037	94	2912	81	2851	83	2696	88	2993	114	3182	166	3804
Linn	250	13756	135	13799	168	13768	139	15082	197	13276	205	13183	153	12837	135	12557	218	12098	149	11930	292	13815	308	15559	599	17028
Louisa	52	1276	43	1211	53	1317	29	1380	17	1343	53	1342	27	1314	13	1319	25	1213	24	1179	36	1268	32	1350	50	1515
Lucas	10	678	12	710	30	743	17	799	24	754	33	777	16	782	15	754	10	701	12	675	18	714	32	817	30	958
Lyon	7	968	5	1005	5	1055	7	1127	13	1140	8	1165	8	1130	5	1031	4	1020	9	972	5	979	4	1071	28	1284
Madison	8	1398	6	1439	16	1425	9	1412	22	1414	16	1386	15	1377	8	1304	9	1217	21	1232	27	1302	25	1335	28	1521
Mahaska	43	1508	40	1564	38	1541	37	1622	42	1462	41	1453	81	1410	35	1388	28	1346	28	1370	24	1369	45	1542	73	1602
Marion	44	2676	31	2718	42	2773	53	2733	52	2615	54	2516	31	2424	34	2364	38	2347	32	2313	45	2346	48	2574	86	2815
Marshall	43	3156	42	3190	47	3190	58	3390	52	3131	41	2941	19	2852	22	2817	45	2795	70	2711	97	3087	55	3765	118	4254
Mills	21	1252	18	1270	14	1313	32	1340	24	1247	24	1225	28	1172	25	1160	25	1115	18	1165	20	1179	9	1237	31	1142
Mitchell	11	916	11	913	6	926	7	953	8	937	7	898	5	873	10	858	9	843	10	816	14	840	10	927	20	1271
Monona	18	791	12	799	14	811	21	910	27	899	20	847	15	847	19	834	14	832	16	835	14	851	21	930	34	1148
Monroe	2	594	14	616	17	643	13	645	23	639	15	599	13	592	14	590	19	579	12	551	15	591	15	693	25	819
Montgomery	22	983	19	963	18	990	18	984	15	958	23	953	15	961	13	986	23	963	16	881	16	985	13	1023	34	1163
Muscatine	74	3386	179	3466	156	3548	217	3825	194	3513	186	3701	158	3475	114	3446	87	3288	80	3144	86	3253	127	3508	161	3858
O'Brien	24	1428	9	1432	15	1469	18	1532	17	1488	14	1465	11	1347	21	1336	16	1295	16	1294	16	1343	7	1377	28	1695
Osceola	2	489	6	492	4	483	0	516	3	464	4	460	1	444	7	433	2	408	7	391	9	441	1	498	4	618

Table 1. Public Secondary School Dropouts and Enrollees in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).¹

County	2000 ²		1999		1998		1997		1996		1995		1994		1993		1992		1991		1990		1985		1980		
	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop
Page	41	1521	22	1608	15	1683	38	1764	50	1542	33	1540	32	1508	33	1506	28	1482	41	1454	33	1530	26	1509	29	1576	
Palo Alto	6	1021	7	1037	10	1056	9	1051	5	1031	11	1024	17	1031	11	1021	11	959	12	955	7	952	7	1035	33	1414	
Plymouth	20	2197	18	2226	20	2190	14	2261	20	2198	27	2150	7	2077	14	1972	19	1887	24	1788	32	1816	17	1895	34	2247	
Pocahontas	6	692	7	702	2	680	2	719	9	657	1	634	6	638	6	748	10	729	9	812	13	758	3	930	19	1224	
Polk	613	26673	588	26604	736	25876	543	26387	522	25290	644	24316	610	23772	579	23006	820	21952	994	21201	889	23436	1125	26111	999	27620	
Pottawattamie	216	7893	110	7697	150	7339	226	8351	144	7324	157	6988	142	6864	120	6633	113	6516	175	6225	255	6421	302	7172	497	9026	
Poweshiek	15	1464	16	1457	8	1478	14	1536	24	1513	12	1449	30	1427	27	1369	28	1257	31	1252	21	1333	25	1580	41	1778	
Ringgold	6	506	5	513	3	527	3	520	2	514	6	469	5	441	13	449	10	457	3	413	3	432	6	484	23	589	
Sac	7	1118	4	1148	9	1123	7	1136	16	1123	19	1137	25	1114	19	1098	11	1080	8	1006	7	1025	10	1124	39	1389	
Scott	249	12791	257	12961	334	12690	433	13866	400	12963	401	13218	453	12594	631	12300	527	12106	540	11811	523	12558	480	14538	730	16158	
Shelby	21	1345	15	1321	15	1327	13	1310	17	1388	15	1326	16	1337	12	1224	3	1218	8	1083	17	1111	19	1380	26	1761	
Sioux	12	2076	11	2103	15	2084	16	2201	2	2075	4	2000	10	1929	16	1830	16	1478	13	1614	15	1653	13	1774	19	2119	
Story	64	5308	48	5341	27	5245	37	5486	50	5143	56	4964	57	4724	58	4617	43	4291	57	4126	48	4155	59	4676	77	5185	
Tama	49	1600	32	1626	35	1419	26	1443	30	1389	27	1437	39	1432	31	1556	32	1506	21	1468	18	1473	35	1740	40	2123	
Taylor	7	595	9	616	10	620	5	640	10	600	17	585	4	561	2	538	5	503	4	527	6	540	7	749	10	840	
Union	38	1050	40	1169	29	1129	36	1176	18	1100	39	1101	29	1132	18	1062	20	1082	13	1073	23	1166	15	1247	41	1364	
Van Buren	2	645	10	712	15	722	13	732	13	682	22	698	8	662	16	644	12	621	9	599	13	639	13	723	23	919	
Wapello	122	2934	160	2924	120	3006	77	3221	107	3016	111	2912	77	3031	110	3011	124	2949	70	2854	62	2932	69	3438	110	3916	
Warren	37	3621	39	3608	99	3621	85	3725	93	3643	140	3474	81	3400	34	3206	33	3190	45	2960	76	3122	49	3519	89	3509	
Washington	11	1612	23	1621	35	1628	57	1655	25	1554	46	1593	41	1546	38	1498	41	1465	26	1472	25	1541	19	1724	35	1972	
Wayne	8	563	12	584	11	581	16	589	22	580	5	560	4	561	5	570	4	592	18	567	12	566	11	604	12	760	
Webster	84	2703	67	2680	80	2675	109	3169	69	2664	86	2642	83	2586	73	2548	72	2557	64	2394	71	2456	69	3208	85	4027	
Winnebago	17	1380	12	1407	18	1382	23	1428	19	1458	34	1401	25	1276	30	1254	20	1237	14	1182	19	1237	9	1302	15	1556	
Winneshiek	11	1479	10	1478	10	1513	12	1542	6	1468	9	1382	23	1367	22	1283	17	1209	9	1206	10	1200	13	1397	18	1712	
Woodbury	238	8518	389	8421	239	8661	266	9215	268	8344	170	7840	297	7639	280	7472	252	7660	287	7203	219	8046	183	8880	336	9641	
Worth	4	550	4	597	10	555	17	577	11	555	5	535	10	529	9	531	6	515	7	495	12	495	5	645	17	714	
Wright	28	1378	23	1405	25	1464	21	1496	19	1467	19	1472	10	1252	10	1198	10	1201	10	1118	12	1210	18	1366	47	1766	
State of Iowa	4027	229779	4023	231737	4581	231295	5033	244502	4834	230039	4985	225443	4645	219708	4768	214157	4783	207948	5030	201742	5270	213888	5529	241973	8346	278186	

¹This table includes public school dropouts from grades 7 through 12 and nongraded secondary special education classes. Dropouts are students who withdraw before graduation or completion of a secondary school program for reasons other than death or transfer to another approved program. Students may have been counted in the enrollment of a county different from that in which they lived because school district boundaries do not necessarily coincide with county lines and because school districts may have cooperative sharing agreements.

²This refers to the state's fiscal year; the label "2000" covers the period from 1 July 1999 through 30 June 2000, for example.

Table 2. Percentage of Public Secondary School Dropouts in Iowa's Counties, 1980, 1985, and 1990-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Adair	2.0	1.0	2.5	1.7	2.1	1.1	0.5	2.0	0.4	0.6	0.8	0.3	0.1
Adams	1.7	0.9	0.6	0.6	0.9	0.9	0.9	0.6	4.0	3.0	3.3	0.3	1.4
Allamakee	1.0	1.1	0.9	0.9	0.7	0.5	0.3	1.4	0.9	2.0	1.0	0.7	2.0
Appanoose	1.2	3.2	3.6	8.7	4.0	5.0	3.1	3.7	3.7	3.8	3.8	2.8	4.5
Audubon	0.9	0.0	0.9	1.4	0.2	0.9	1.2	1.1	0.2	1.6	0.0	0.6	1.0
Benton	0.9	2.1	1.2	2.3	2.4	2.9	1.9	2.2	1.5	1.7	1.8	1.8	3.5
Black Hawk	2.0	3.8	5.0	4.2	5.8	3.0	3.9	7.0	7.0	6.4	6.4	4.9	4.9
Boone	1.4	2.2	2.3	1.6	1.3	2.5	2.8	2.5	1.4	1.3	2.0	1.9	3.3
Bremer	1.2	1.7	1.3	0.9	0.7	0.7	0.5	0.8	0.5	0.7	1.2	1.0	2.1
Buchanan	0.8	1.3	1.3	2.2	2.0	2.6	2.4	2.7	1.6	1.3	1.4	2.3	2.7
Buena Vista	1.7	1.5	2.0	1.0	1.9	1.8	1.6	2.3	2.3	2.1	2.0	1.2	2.0
Butler	0.2	0.4	0.5	0.7	0.5	0.6	0.7	0.5	0.4	1.1	1.0	0.7	1.1
Calhoun	0.9	1.1	0.6	0.9	0.4	0.9	0.6	0.5	0.3	1.2	0.9	0.7	2.1
Carroll	0.5	0.5	0.8	0.9	0.7	1.1	1.4	1.1	0.8	0.9	0.9	1.6	2.1
Cass	1.2	1.6	1.5	2.4	1.3	1.8	1.2	1.5	1.4	1.9	1.3	1.2	2.0
Cedar	1.3	0.6	1.3	0.5	1.2	1.1	0.8	1.1	1.4	1.4	0.7	1.5	1.3
Cerro Gordo	2.0	1.0	3.0	3.6	2.7	3.0	4.0	2.2	2.7	3.3	2.2	2.8	4.1
Cherokee	1.2	1.2	1.4	1.4	0.7	2.0	2.0	0.6	1.4	1.3	1.6	0.9	2.7
Chickasaw	1.0	0.9	0.9	1.3	1.2	1.6	1.3	0.5	1.4	1.6	0.8	1.1	1.8
Clarke	1.1	2.2	1.9	3.5	2.7	2.0	2.8	1.1	2.2	1.6	2.8	1.2	3.4
Clay	0.7	0.7	0.6	2.1	2.8	1.4	2.2	1.1	1.6	1.0	1.2	1.3	1.1
Clayton	0.6	0.2	0.9	1.2	0.8	0.9	1.1	1.2	0.9	1.7	0.6	1.3	2.7
Clinton	2.2	0.8	3.2	3.2	3.2	3.9	2.5	2.1	3.3	4.5	2.2	1.8	4.3
Crawford	0.5	0.6	1.5	2.0	1.1	0.8	1.2	1.0	2.8	1.2	1.4	0.7	2.1
Dallas	1.2	1.6	1.4	2.6	1.9	2.1	1.9	3.3	2.5	2.4	1.5	1.3	2.9
Davis	2.3	1.2	1.5	2.7	3.2	3.8	1.7	2.0	1.4	2.1	2.2	1.9	5.6
Decatur	4.1	2.2	0.1	1.5	1.2	0.7	1.5	2.0	1.7	2.2	2.0	1.7	3.7
Delaware	2.1	1.5	1.7	1.1	1.4	2.3	1.1	0.8	0.5	1.4	1.2	1.5	1.7
Des Moines	3.3	1.4	1.7	2.8	2.8	2.1	1.8	1.7	1.5	2.2	1.9	4.5	3.4
Dickinson	0.8	1.5	0.7	1.1	1.2	0.5	1.0	1.0	1.3	1.0	0.9	1.0	2.4
Dubuque	1.5	1.6	2.0	2.3	2.0	2.2	2.4	2.5	2.1	2.3	2.3	2.9	4.0
Emmet	1.3	2.5	1.5	3.0	2.0	0.6	1.1	0.9	1.0	1.6	1.6	1.8	2.3
Fayette	0.8	1.3	1.2	1.6	1.6	1.6	1.2	1.8	1.2	0.9	1.3	1.3	2.5
Floyd	1.8	1.6	1.9	2.7	1.6	1.4	1.3	1.8	2.2	2.3	2.1	0.9	2.1
Franklin	1.7	1.0	1.7	1.4	1.8	1.9	2.2	1.3	2.1	2.2	1.1	1.4	0.8
Fremont	0.9	0.5	0.1	0.5	1.4	2.7	1.8	1.5	1.2	1.4	1.9	1.5	3.4
Greene	1.5	0.7	0.3	0.7	1.3	0.8	1.3	1.0	1.6	1.3	2.8	0.8	1.5
Grundy	1.0	0.9	0.5	0.3	1.2	1.3	0.9	0.9	0.8	0.8	0.4	1.0	1.1
Guthrie	0.9	0.5	1.0	0.9	0.7	1.6	0.7	0.6	1.2	1.5	0.9	0.6	2.2
Hamilton	0.3	0.8	1.1	0.7	1.5	1.8	1.8	1.6	1.9	1.5	1.4	1.7	2.1
Hancock	1.7	1.4	1.8	1.8	0.9	1.0	0.6	0.6	0.4	0.6	0.7	0.6	1.5
Hardin	1.5	1.0	1.5	1.7	2.1	1.9	1.8	2.0	1.4	1.1	1.0	0.9	1.7
Harrison	1.1	0.6	1.5	1.5	1.2	1.5	1.4	1.6	2.0	1.4	1.7	2.0	2.1
Henry	0.5	1.2	0.3	1.3	2.7	2.4	1.8	1.6	1.2	1.7	1.9	1.9	2.0
Howard	2.3	1.0	1.1	1.0	1.0	1.0	0.8	0.9	0.3	0.4	1.0	0.2	1.2
Humboldt	0.5	0.5	0.7	0.5	1.0	1.8	0.8	1.3	1.0	0.8	0.7	1.8	1.4
Ida	0.1	0.3	0.3	0.4	0.3	1.1	1.8	0.2	0.3	0.9	0.4	0.0	1.5
Iowa	0.2	0.6	0.7	0.5	0.9	0.6	0.4	0.5	0.5	0.3	1.0	0.9	1.6
Jackson	1.5	1.8	2.2	1.9	2.1	2.9	2.2	1.6	1.4	1.6	1.7	1.6	2.1
Jasper	3.1	2.3	1.7	1.9	1.0	1.0	1.5	1.9	1.4	2.1	3.9	2.4	3.0

Table 2. Percentage of Public Secondary School Dropouts in Iowa's Counties, 1980, 1985, and 1990-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980
Jefferson	2.9	3.1	2.3	2.3	2.4	2.8	2.0	3.9	3.0	2.5	2.7	1.7	2.9
Johnson	0.8	0.7	1.4	0.8	1.1	1.8	1.2	1.4	1.0	1.1	3.8	1.8	1.1
Jones	1.2	1.6	2.8	2.7	2.3	3.0	2.7	2.1	1.2	1.5	2.1	0.8	1.7
Keokuk	1.1	1.3	1.1	1.1	1.1	1.5	1.7	1.2	1.5	1.4	0.6	0.8	2.4
Kossuth	0.5	0.3	0.2	0.5	0.4	0.5	0.9	1.1	0.8	0.7	1.5	1.0	1.8
Lee	2.2	2.0	2.2	3.2	4.2	6.4	4.0	3.2	2.8	3.1	2.9	3.6	4.4
Linn	1.8	1.0	1.2	0.9	1.5	1.6	1.2	1.1	1.8	1.2	2.1	2.0	3.5
Louisa	4.1	3.6	4.0	2.1	1.3	3.9	2.1	1.0	2.1	2.0	2.8	2.4	3.3
Lucas	1.5	1.7	4.0	2.1	3.2	4.2	2.0	2.0	1.4	1.8	2.5	3.9	3.1
Lyon	0.7	0.5	0.5	0.6	1.1	0.7	0.7	0.5	0.4	0.9	0.5	0.4	2.2
Madison	0.6	0.4	1.1	0.6	1.6	1.2	1.1	0.6	0.7	1.7	2.1	1.9	1.8
Mahaska	2.9	2.6	2.5	2.3	2.9	2.8	5.7	2.5	2.1	2.0	1.8	2.9	4.6
Marion	1.6	1.1	1.5	1.9	2.0	2.1	1.3	1.4	1.6	1.4	1.9	1.9	3.1
Marshall	1.4	1.3	1.5	1.7	1.7	1.4	0.7	0.8	1.6	2.6	3.1	1.5	2.8
Mills	1.7	1.4	1.1	2.4	1.9	2.0	2.4	2.2	2.2	1.5	1.7	0.7	2.7
Mitchell	1.2	1.2	0.6	0.7	0.9	0.8	0.6	1.2	1.1	1.2	1.7	1.1	1.6
Monona	2.3	1.5	1.7	2.3	3.0	2.4	1.8	2.3	1.7	1.9	1.6	2.3	3.0
Monroe	0.3	2.3	2.6	2.0	3.6	2.5	2.2	2.4	3.3	2.2	2.5	2.2	3.1
Montgomery	2.2	2.0	1.8	1.8	1.6	2.4	1.6	1.3	2.4	1.8	1.6	1.3	2.9
Muscatine	2.2	5.2	4.4	5.7	5.5	5.0	4.5	3.3	2.6	2.5	2.6	3.6	4.2
O'Brien	1.7	0.6	1.0	1.2	1.1	1.0	0.8	1.6	1.2	1.2	1.2	0.5	1.7
Osceola	0.4	1.2	0.8	0.0	0.6	0.9	0.2	1.6	0.5	1.8	2.0	0.2	0.6
Page	2.7	1.4	0.9	2.2	3.2	2.1	2.1	2.2	1.9	2.8	2.2	1.7	1.8
Palo Alto	0.6	0.7	0.9	0.9	0.5	1.1	1.6	1.1	1.2	1.3	0.7	0.7	2.3
Plymouth	0.9	0.8	0.9	0.6	0.9	1.3	0.3	0.7	1.0	1.3	1.8	0.9	1.5
Pocahontas	0.9	1.0	0.3	0.3	1.4	0.2	0.9	0.8	1.4	1.1	1.7	0.3	1.6
Polk	2.3	2.2	2.8	2.1	2.1	2.6	2.6	2.5	3.7	4.7	3.8	4.3	3.6
Pottawattamie	2.7	1.4	2.0	2.7	2.0	2.2	2.1	1.8	1.7	2.8	4.0	4.2	5.5
Poweshiek	1.0	1.1	0.5	0.9	1.6	0.8	2.1	2.0	2.2	2.5	1.6	1.6	2.3
Ringgold	1.2	1.0	0.6	0.6	0.4	1.3	1.1	2.9	2.2	0.7	0.7	1.2	3.9
Sac	0.6	0.3	0.8	0.6	1.4	1.7	2.2	1.7	1.0	0.8	0.7	0.9	2.8
Scott	1.9	2.0	2.6	3.1	3.1	3.0	3.6	5.1	4.4	4.6	4.2	3.3	4.5
Shelby	1.6	1.1	1.1	1.0	1.2	1.1	1.2	1.0	0.2	0.7	1.5	1.4	1.5
Sioux	0.6	0.5	0.7	0.7	0.1	0.2	0.5	0.9	1.1	0.8	0.9	0.7	0.9
Story	1.2	0.9	0.5	0.7	1.0	1.1	1.2	1.3	1.0	1.4	1.2	1.3	1.5
Tama	3.1	2.0	2.5	1.8	2.2	1.9	2.7	2.0	2.1	1.4	1.2	2.0	1.9
Taylor	1.2	1.5	1.6	0.8	1.7	2.9	0.7	0.4	1.0	0.8	1.1	0.9	1.2
Union	3.6	3.4	2.6	3.1	1.6	3.5	2.6	1.7	1.8	1.2	2.0	1.2	3.0
Van Buren	0.3	1.4	2.1	1.8	1.9	3.2	1.2	2.5	1.9	1.5	2.0	1.8	2.5
Wapello	4.2	5.5	4.0	2.4	3.5	3.8	2.5	3.7	4.2	2.5	2.1	2.0	2.8
Warren	1.0	1.1	2.7	2.3	2.6	4.0	2.4	1.1	1.0	1.5	2.4	1.4	2.5
Washington	0.7	1.4	2.1	3.4	1.6	2.9	2.7	2.5	2.8	1.8	1.6	1.1	1.8
Wayne	1.4	2.1	1.9	2.7	3.8	0.9	0.7	0.9	0.7	3.2	2.1	1.8	1.6
Webster	3.1	2.5	3.0	3.4	2.6	3.3	3.2	2.9	2.8	2.7	2.9	2.2	2.1
Winnebago	1.2	0.9	1.3	1.6	1.3	2.4	2.0	2.4	1.6	1.2	1.5	0.7	1.0
Winneshiek	0.7	0.7	0.7	0.8	0.4	0.7	1.7	1.7	1.4	0.7	0.8	0.9	1.1
Woodbury	2.8	4.6	2.8	2.9	3.2	2.2	3.9	3.7	3.3	4.0	2.7	2.1	3.5
Worth	0.7	0.7	1.8	2.9	2.0	0.9	1.9	1.7	1.2	1.4	2.4	0.8	2.4
Wright	2.0	1.6	1.7	1.4	1.3	1.3	0.8	0.8	0.8	0.9	1.0	1.3	2.7
State of Iowa	1.8	1.7	2.0	2.1	2.1	2.2	2.1	2.2	2.3	2.5	2.5	2.3	3.0

Figure 1. Dropouts from public secondary schools in Iowa, 1980–2000.

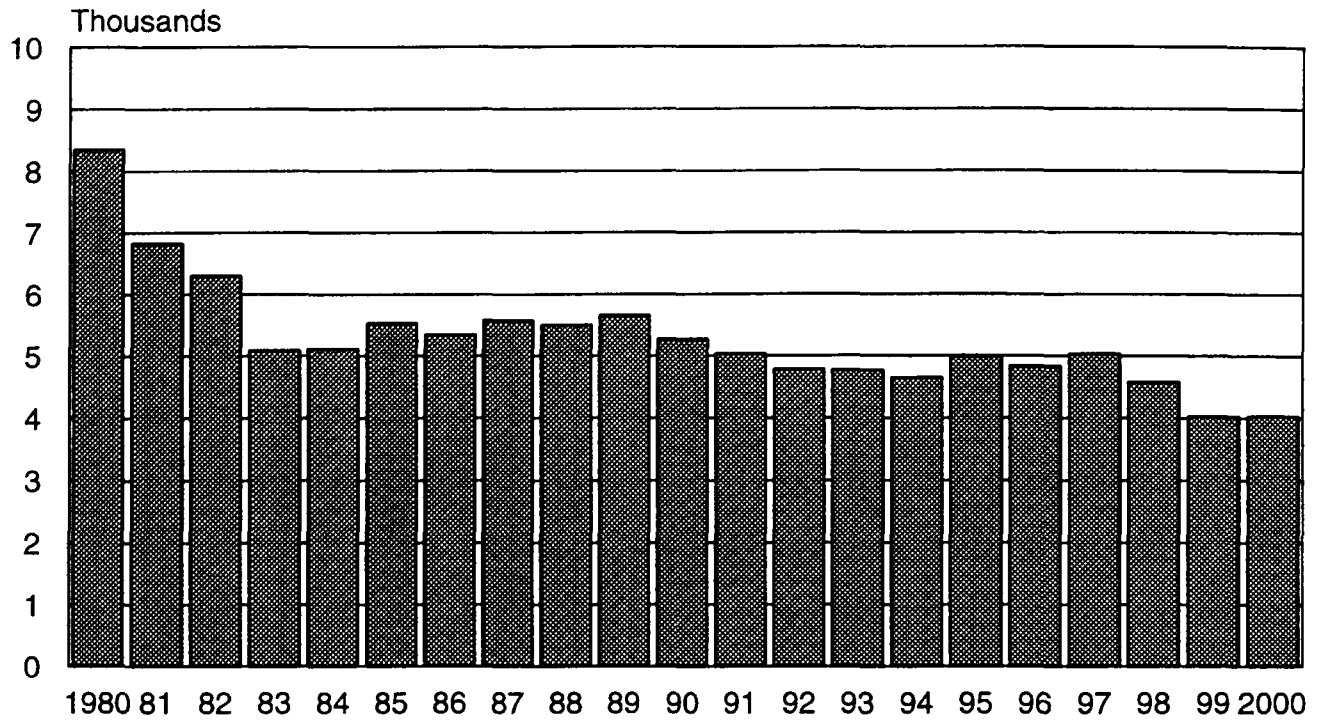
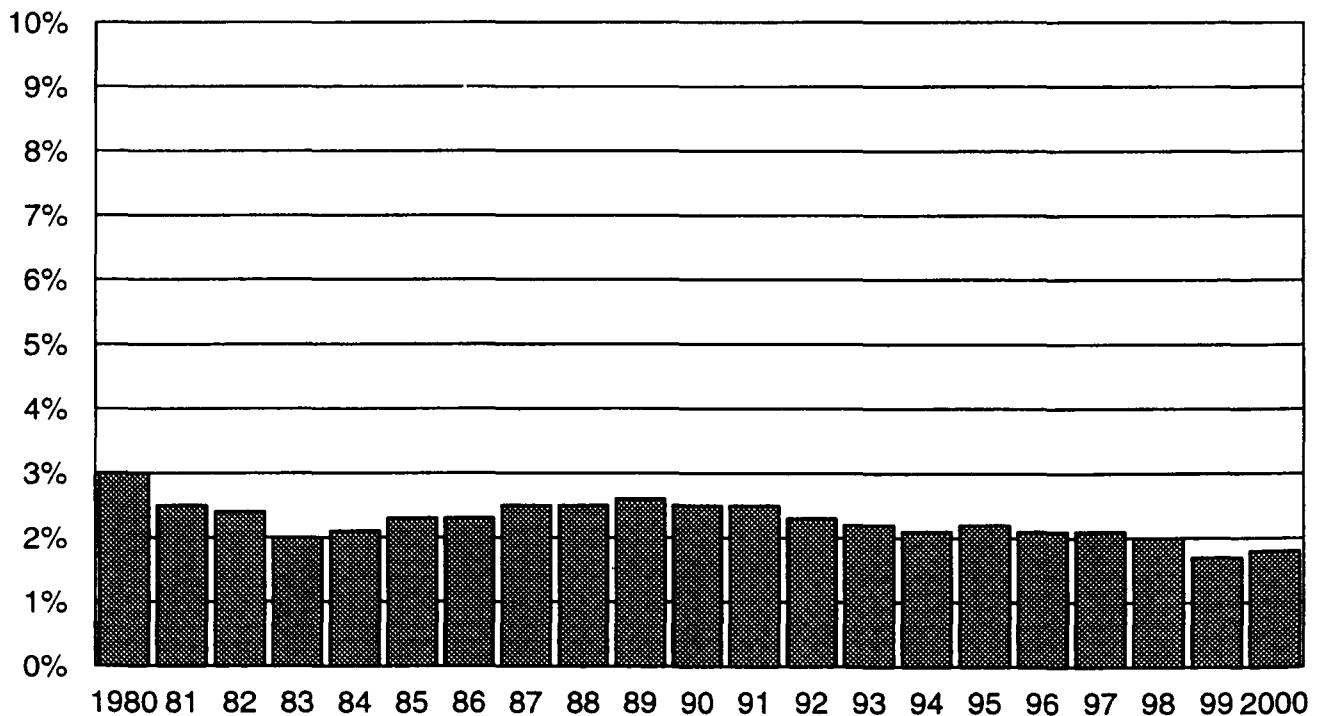


Figure 2. Dropouts as percent of public secondary school enrollees in Iowa, 1980–2000.



Students Receiving Free or Reduced-Price School Meals in October in Iowa's Counties: 1995-2000

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Nutrition assistance is provided to low-income students enrolled in Iowa's schools. Students qualify for the program on the basis of family income; those with lower income (135% or less of the federal poverty threshold) can be eligible for free meals while others with somewhat higher income (136% through 180% of the federal poverty threshold) can receive meals at a reduced price. The Iowa Department of Education administers the program based on U.S. Department of Agriculture guidelines. The program includes public and private schools and also residential child care institutions that meet the guidelines.

For this report, data from the month of October were used each year. Information on the meal program is gathered at the school district level, not by residence of the students. Because school district boundaries do not necessarily correspond with county lines and because some districts have cooperative sharing agreements with other districts, students may have been counted in the enrollment of a county different from that in which they lived. For most students in the state, however, the county in which they live and the county in which they are counted as being enrolled are the same. Changes have been made in the eligibility requirements for the program throughout the period; they may have some effect on year-to-year comparisons.

Free Meals

In October of 1995, more than 105,000 students in Iowa received free meals at school (Table 1). This number increased to nearly 110,000 in 1997 and then declined to the 103,000 noted in 2000, a figure below that reported in 1995.

In 2000, Black Hawk, Linn, Polk, and Scott had at least 5,000 students receiving free meals in October. Fifteen other counties had at least 1,000 such students in that category. All counties except Adams, Audubon, Osceola, and Worth reported 200 or more students receiving free meals in 2000.

The number of students receiving free meals in 2000 was 2,225 fewer than in 1995. Three-quarters (77) of the counties also had fewer students in the program in 2000 than in 1995. Declines were relatively modest, however; 47 counties dropped by fewer than 100 students receiving free meals and only four had declines of 200 or more. Gains, on the other hand, exceeded 200 in five counties. Increases in Polk (+1,099) and Scott (+974) were substantially higher than others.

Reduced-Price Meals

The number of students in Iowa receiving reduced-price meals increased from 33,900 in 1995 to 39,100 in 1998, declined slightly to 38,700 in 1999, and then increased to 40,000 in 2000 (Table 1). In 2000, Polk had 4,858 students getting reduced-price meals, a figure more than 2,800 greater than the second highest total, which occurred in Scott (1,986). The counts also were greater than 1,000 in Black Hawk, Dubuque, Linn, Pottawattamie, and Woodbury. Nearly two-thirds (64) of the counties had fewer than 300 students receiving reduced-price meals. Adams (65) had the fewest students obtaining such meals; Audubon, Osceola, and Ringgold were the only other counties under 100.

Table 1. Number of Students Receiving Free or Reduced-Price Meals in October in Iowa's Counties, 1995-2000.

County	Students Receiving Free Meals						Students Receiving Reduced-Price Meals					
	2000	1999	1998	1997	1996	1995	2000	1999	1998	1997	1996	1995
Adair	231	250	281	257	310	300	157	159	123	124	148	137
Adams	180	173	179	186	200	187	65	83	69	62	63	60
Allamakee	529	596	605	602	563	601	286	260	311	287	277	247
Appanoose	818	790	911	895	870	881	238	225	293	206	216	182
Audubon	197	203	218	201	213	209	93	109	109	105	86	113
Benton	659	645	699	717	734	704	287	282	315	286	289	292
Black Hawk	6035	5905	6015	6093	5483	5599	1718	1628	1551	1423	1275	1067
Boone	667	658	630	647	629	577	319	288	241	258	249	253
Bremer	678	688	736	721	756	797	251	236	286	275	335	318
Buchanan	616	646	663	626	666	663	199	216	199	208	220	209
Buena Vista	1042	1072	1105	1167	1082	1102	439	449	454	445	406	478
Butler	295	286	296	357	347	400	171	183	172	127	163	198
Calhoun	460	460	450	480	530	520	212	226	226	214	214	229
Carroll	655	706	667	717	778	796	386	364	389	338	383	395
Cass	604	610	573	641	706	720	302	287	272	247	240	243
Cedar	438	463	454	499	539	510	183	201	227	222	199	173
Cerro Gordo	1311	1363	1372	1454	1528	1470	648	633	700	630	568	565
Cherokee	358	355	359	375	393	487	147	165	179	195	166	217
Chickasaw	387	383	371	391	385	370	229	222	229	220	219	260
Clarke	469	519	501	471	518	506	220	213	212	195	170	143
Clay	386	426	445	449	438	531	242	245	234	271	293	218
Clayton	616	689	695	783	754	824	392	407	413	376	389	376
Clinton	1810	2009	1820	1783	1769	1724	616	581	518	476	407	375
Crawford	753	780	761	764	716	756	346	331	314	319	347	244
Dallas	1247	1228	1161	1249	1150	1126	430	464	448	428	395	391
Davis	284	254	274	304	352	305	110	95	114	107	104	105
Decatur	472	552	567	623	571	519	169	166	180	159	188	167
Delaware	569	621	657	702	713	694	293	278	280	265	219	213
Des Moines	1763	1724	1803	1812	1659	1614	555	455	468	469	420	360
Dickinson	366	396	426	422	443	415	180	184	217	193	176	199
Dubuque	2886	2879	2911	3121	3243	3060	1376	1375	1501	1266	1298	1224
Emmet	666	655	690	690	645	703	247	235	219	202	187	192
Fayette	873	1000	997	964	1015	924	482	462	499	425	365	440
Floyd	760	740	808	865	817	855	233	247	279	292	283	257
Franklin	358	355	393	406	442	408	162	175	194	172	186	177
Fremont	372	332	364	379	376	332	175	204	174	175	152	193
Greene	478	480	475	454	487	440	174	189	245	257	210	213
Grundy	339	389	385	428	458	365	206	227	213	256	213	202
Guthrie	478	432	445	485	473	490	229	207	188	216	208	179
Hamilton	464	482	521	540	515	576	236	216	224	233	278	252
Hancock	313	282	315	367	390	381	211	205	200	202	202	206
Hardin	975	1003	1044	1055	1107	1086	284	258	322	306	258	316
Harrison	652	688	793	786	769	782	356	355	281	357	325	317
Henry	695	695	716	703	688	587	262	261	258	289	234	243
Howard	323	322	372	402	408	458	203	229	267	241	271	272
Humboldt	266	282	300	288	287	305	154	145	147	159	166	162
Ida	218	289	287	275	277	306	158	162	168	143	192	140
Iowa	334	361	394	371	399	356	184	198	212	202	178	180
Jackson	702	728	819	770	803	738	398	384	374	362	338	334
Jasper	855	916	934	971	929	891	337	352	327	336	344	285

Table 1. Number of Students Receiving Free or Reduced-Price Meals in October in Iowa's Counties, 1995-2000 (continued).

County	Students Receiving Free Meals						Students Receiving Reduced-Price Meals					
	2000	1999	1998	1997	1996	1995	2000	1999	1998	1997	1996	1995
Jefferson	351	363	408	387	363	348	146	106	121	101	85	75
Johnson	1839	1764	1677	1734	1707	1524	552	532	546	445	425	447
Jones	639	634	702	724	721	701	285	303	252	268	288	242
Keokuk	451	489	485	529	592	507	142	156	159	165	130	138
Kossuth	582	617	612	637	667	712	330	340	358	460	434	403
Lee	1679	1700	1694	1857	1598	1601	473	460	456	484	351	373
Linn	5572	5726	5728	5903	5734	5492	1853	1784	1955	2013	1776	1701
Louisa	706	814	759	851	793	729	220	237	196	154	173	180
Lucas	425	402	451	482	446	432	114	115	100	109	123	102
Lyon	266	288	302	315	330	419	157	214	206	176	195	156
Madison	373	351	371	368	387	418	225	183	175	157	217	211
Mahaska	742	746	754	762	783	798	257	249	192	184	224	225
Marion	760	780	880	875	868	937	391	412	368	406	364	285
Marshall	1996	1976	1848	1886	1735	1623	582	583	547	509	481	448
Mills	648	703	653	648	591	530	198	193	254	205	230	182
Mitchell	313	278	292	298	306	341	148	165	154	149	166	150
Monona	365	393	430	434	461	441	150	129	167	147	160	136
Monroe	257	303	326	387	366	364	133	105	165	136	116	85
Montgomery	535	536	505	528	520	422	156	171	168	140	112	99
Muscatine	1771	1784	1763	1851	1886	1803	535	486	523	471	492	508
O'Brien	482	534	511	536	570	611	256	271	326	307	282	286
Osceola	140	160	157	155	194	150	86	81	93	110	84	103
Page	831	758	757	717	769	744	209	175	178	167	164	172
Palo Alto	332	411	398	427	441	502	271	234	239	235	198	196
Plymouth	497	624	597	591	672	665	384	345	316	343	327	359
Pocahontas	246	280	282	308	310	354	153	136	139	137	141	109
Polk	13472	12887	13568	13889	13249	12373	4858	4607	4301	3967	3414	3256
Pottawattamie	4158	4232	4516	4642	4757	4419	1354	1340	1401	1316	1324	1108
Poweshiek	479	499	482	507	459	449	197	179	193	219	210	171
Ringgold	267	290	279	333	364	372	92	70	106	100	73	68
Ringgold	267	290	279	333	364	372	227	242	226	251	231	256
Sac	413	485	469	496	528	597	1986	1555	1443	1307	1342	1183
Scott	7952	7595	7506	7484	7458	6978	294	347	317	286	335	312
Shelby	489	518	530	591	620	689	294	347	317	286	335	312
Sioux	859	1057	997	1079	1093	1195	767	763	801	811	786	817
Story	1268	1304	1400	1418	1472	1414	541	505	507	506	538	461
Tama	798	789	816	779	744	737	374	340	346	316	307	269
Taylor	356	354	366	416	400	380	126	139	148	129	133	141
Union	516	543	568	615	641	653	260	281	286	250	266	265
Van Buren	320	340	327	365	355	401	125	132	153	133	142	126
Wapello	1906	1790	1917	2060	1901	1910	527	506	568	525	586	490
Warren	667	686	778	823	807	758	366	377	430	461	404	357
Washington	548	599	594	623	670	609	317	274	232	264	223	193
Wayne	364	372	406	401	400	419	149	136	150	149	168	157
Webster	1404	1451	1550	1529	1617	1483	504	478	543	517	510	520
Winnebago	413	393	386	466	431	441	262	245	243	219	225	236
Winnesiek	326	398	424	492	493	478	267	226	272	229	226	219
Woodbury	4790	4757	4847	5061	4977	4684	1638	1666	1699	1491	1408	1341
Worth	159	180	199	218	235	253	125	119	110	115	94	99
Wright	572	583	598	652	620	611	288	251	255	228	242	228
State of Iowa	103196	104276	106522	109837	108424	105421	40000	38664	39118	37188	35637	33855

Table 2. Percent of Students Receiving Free or Reduced-Price Meals and Number of Students Enrolled in October in Iowa's Counties, 1995-2000.

County	Percent of Students Receiving Free or Reduced-Price Meals						Number of Students Enrolled					
	2000	1999	1998	1997	1996	1995	2000	1999	1998	1997	1996	1995
Adair	32.8	33.7	32.8	30.8	35.8	33.9	1184	1214	1233	1239	1279	1288
Adams	33.3	35.0	34.7	33.9	36.1	33.6	735	731	715	732	729	736
Allamakee	29.7	30.5	31.7	30.5	28.8	29.0	2746	2809	2890	2915	2919	2921
Appanoose	43.0	42.0	47.3	43.3	41.2	40.2	2457	2419	2544	2540	2633	2643
Audubon	25.6	28.0	28.6	26.7	25.8	27.4	1133	1114	1145	1147	1159	1174
Benton	21.4	21.1	22.9	22.5	23.0	22.8	4423	4391	4436	4451	4452	4365
Black Hawk	34.9	34.7	35.5	34.1	30.9	31.3	22209	21721	21317	22056	21887	21306
Boone	22.3	21.2	20.4	20.8	19.9	19.7	4420	4459	4263	4343	4406	4208
Bremer	17.6	17.1	18.5	18.8	19.5	19.6	5285	5398	5513	5312	5607	5699
Buchanan	24.3	24.9	24.8	23.9	24.9	24.3	3350	3465	3471	3489	3565	3595
Buena Vista	35.3	34.8	35.3	37.1	34.5	36.2	4190	4366	4421	4347	4310	4362
Butler	22.6	22.2	22.0	22.1	23.0	24.1	2058	2117	2132	2187	2213	2482
Calhoun	27.8	28.1	26.8	27.5	28.8	28.2	2417	2440	2525	2525	2582	2658
Carroll	22.1	22.4	21.4	21.1	23.1	23.8	4704	4787	4932	5002	5030	5001
Cass	31.5	30.6	29.3	30.4	31.4	31.6	2879	2930	2887	2922	3015	3045
Cedar	17.3	18.4	18.5	19.4	20.3	18.5	3593	3604	3682	3721	3642	3685
Cerro Gordo	25.2	25.6	26.0	25.9	25.9	25.1	7772	7795	7954	8031	8101	8106
Cherokee	22.7	22.6	22.5	23.6	22.6	25.0	2222	2304	2393	2419	2473	2815
Chickasaw	23.4	22.5	21.8	22.0	23.9	25.5	2629	2691	2753	2779	2527	2471
Clarke	37.1	39.4	38.8	36.3	37.5	35.7	1857	1856	1837	1837	1837	1819
Clay	21.5	22.7	22.2	23.4	23.7	23.7	2919	2950	3052	3080	3080	3164
Clayton	27.9	29.1	28.6	29.9	29.1	30.3	3619	3761	3868	3873	3926	3955
Clinton	27.1	27.7	25.7	24.9	23.8	22.8	8944	9341	9083	9066	9158	9218
Crawford	37.9	38.6	37.6	36.9	36.4	34.2	2896	2875	2856	2938	2920	2922
Dallas	18.8	19.4	19.0	20.3	19.3	19.4	8926	8715	8475	8255	8024	7827
Davis	32.0	28.3	31.3	32.2	34.2	30.9	1231	1232	1239	1277	1334	1326
Decatur	46.2	50.8	48.4	52.2	52.4	47.9	1387	1414	1543	1498	1448	1433
Delaware	22.6	22.9	23.6	23.7	22.8	22.1	3819	3925	3965	4082	4094	4112
Des Moines	31.4	29.1	29.6	29.4	27.2	25.6	7386	7492	7682	7754	7630	7698
Dickinson	19.8	20.5	22.8	21.7	21.5	21.7	2754	2829	2819	2837	2874	2836
Dubuque	24.2	24.0	24.7	24.4	24.8	22.2	17610	17695	17863	18013	18307	19317
Emmet	40.6	39.1	39.5	38.3	36.3	37.8	2247	2276	2303	2328	2292	2370
Fayette	29.6	31.6	32.3	29.3	29.7	29.6	4578	4620	4632	4741	4644	4612
Floyd	31.2	30.0	33.1	34.5	32.4	33.0	3179	3285	3286	3352	3391	3369
Franklin	27.7	27.3	29.4	29.0	30.2	28.3	1878	1941	1997	1990	2079	2064
Fremont	34.9	32.7	33.0	34.4	32.0	31.8	1568	1638	1629	1610	1652	1651
Greene	34.0	32.7	35.0	35.0	35.0	34.6	1919	2049	2058	2034	1993	1885
Grundy	21.4	24.2	24.0	22.6	21.8	20.2	2542	2550	2491	3022	3072	2808
Guthrie	30.1	28.5	27.3	29.9	29.2	28.4	2352	2244	2320	2343	2334	2352
Hamilton	22.8	23.7	23.5	24.6	25.0	26.2	3069	2948	3171	3143	3166	3162
Hancock	26.0	23.8	24.4	26.4	27.2	27.9	2012	2049	2109	2155	2175	2107
Hardin	35.3	34.4	35.5	35.6	34.5	35.3	3566	3667	3847	3826	3959	3969
Harrison	30.3	30.7	31.5	33.5	32.1	32.7	3326	3396	3409	3410	3407	3357
Henry	25.3	24.9	25.4	25.9	24.0	21.8	3779	3835	3830	3828	3840	3816
Howard	23.8	24.9	28.2	28.0	29.6	31.3	2208	2214	2266	2294	2295	2332
Humboldt	21.4	21.2	21.8	22.5	23.4	23.6	1965	2012	2054	1989	1936	1980
Ida	27.5	31.9	31.2	27.8	30.3	29.8	1366	1412	1459	1504	1549	1497
Iowa	16.8	18.2	19.8	19.0	19.3	16.9	3080	3072	3061	3009	2997	3181
Jackson	27.4	27.4	28.8	27.2	26.9	25.3	4014	4056	4140	4156	4239	4243
Jasper	18.4	19.7	19.3	20.1	19.6	18.1	6472	6451	6524	6516	6504	6499

Table 2. Percent of Students Receiving Free or Reduced-Price Meals and Number of Students Enrolled in October in Iowa's Counties, 1995-2000 (continued).

County	Percent of Students Receiving Free or Reduced-Price Meals						Number of Students Enrolled					
	2000	1999	1998	1997	1996	1995	2000	1999	1998	1997	1996	1995
Jefferson	24.6	22.1	24.2	22.8	22.1	21.5	2024	2119	2183	2142	2023	1966
Johnson	16.9	16.2	16.2	16.1	16.0	15.0	14120	14180	13721	13561	13344	13130
Jones	25.3	25.3	26.0	26.8	27.2	25.4	3649	3706	3676	3707	3713	3716
Keokuk	25.5	27.0	26.8	27.7	28.8	26.1	2327	2388	2407	2507	2507	2474
Kossuth	29.0	29.0	29.0	31.2	30.9	31.3	3141	3298	3342	3513	3561	3560
Lee	31.3	30.8	30.5	33.0	26.8	26.7	6870	7009	7057	7101	7284	7405
Linn	19.9	20.3	20.8	22.4	21.5	20.8	37261	36942	36917	35387	34871	34648
Louisa	31.7	36.4	32.9	33.6	32.0	30.2	2925	2891	2906	2987	3021	3007
Lucas	34.0	32.5	33.8	35.3	34.8	33.3	1585	1589	1628	1673	1633	1603
Lyon	20.8	23.7	23.7	22.2	22.9	24.6	2038	2118	2146	2216	2296	2338
Madison	20.8	18.2	18.2	17.9	20.8	21.9	2877	2931	2992	2936	2904	2871
Mahaska	29.5	29.1	27.7	27.2	28.6	29.3	3385	3425	3418	3483	3518	3493
Marion	17.6	18.5	19.5	20.1	19.3	19.1	6533	6458	6411	6382	6385	6400
Marshall	36.8	36.7	34.6	35.1	32.6	30.6	6999	6971	6914	6833	6795	6776
Mills	30.3	31.7	33.0	30.9	30.0	27.1	2792	2827	2747	2764	2739	2627
Mitchell	23.8	22.7	22.5	22.0	22.8	23.8	1938	1949	1984	2031	2075	2063
Monona	31.7	31.4	34.5	33.2	34.0	31.1	1623	1663	1730	1752	1826	1855
Monroe	31.3	31.5	35.9	38.5	35.7	33.2	1246	1297	1366	1359	1351	1352
Montgomery	32.8	35.4	34.5	32.6	32.0	26.6	2104	1998	1950	2046	1977	1956
Muscatine	29.9	29.3	29.7	30.5	31.0	30.7	7719	7753	7699	7622	7675	7525
O'Brien	22.8	25.6	26.1	26.0	25.9	26.6	3230	3139	3212	3245	3293	3378
Osceola	22.9	23.9	23.7	24.6	25.6	25.6	986	1010	1053	1078	1086	990
Page	33.9	31.5	30.7	28.8	29.0	28.4	3071	2958	3044	3074	3222	3226
Palo Alto	29.5	30.6	29.6	30.0	28.7	30.9	2043	2108	2155	2207	2228	2260
Plymouth	16.6	17.6	16.4	17.0	17.7	18.6	5305	5494	5566	5500	5644	5514
Pocahontas	28.4	29.7	28.3	28.3	28.8	28.9	1406	1401	1488	1573	1566	1604
Polk	26.5	26.1	26.4	26.8	25.8	24.2	69247	66927	67735	66716	64471	64587
Pottawattamie	31.8	31.6	32.7	33.2	33.8	32.2	17347	17613	18073	17922	18017	17190
Poweshiek	21.5	21.1	22.0	23.5	20.6	19.9	3141	3217	3074	3085	3247	3114
Ringgold	39.3	38.5	40.8	42.4	41.0	42.9	914	936	943	1021	1065	1026
Sac	31.1	33.2	30.8	32.2	32.6	36.2	2061	2187	2255	2317	2331	2356
Scott	34.4	30.8	29.6	29.1	28.8	26.8	28878	29705	30201	30245	30583	30471
Shelby	28.6	31.3	29.8	31.0	33.1	32.5	2737	2768	2839	2833	2887	3078
Sioux	24.0	26.2	25.6	26.3	25.8	27.4	6777	6958	7022	7186	7279	7343
Story	16.4	16.6	17.4	18.0	18.9	17.7	11060	10922	10970	10699	10650	10574
Tama	32.0	31.2	31.1	34.2	32.8	31.7	3663	3621	3736	3202	3204	3178
Taylor	38.8	38.4	39.5	40.4	40.8	40.1	1243	1285	1302	1349	1305	1300
Union	35.6	37.2	37.1	36.8	39.0	38.9	2179	2213	2299	2353	2328	2358
Van Buren	32.3	34.5	34.2	34.4	34.9	35.9	1378	1370	1403	1447	1426	1467
Wapello	37.3	34.9	37.3	38.2	36.7	35.6	6526	6583	6664	6763	6770	6735
Warren	13.5	14.3	16.1	17.0	16.5	14.8	7640	7413	7503	7551	7323	7527
Washington	23.3	23.4	21.8	23.3	23.5	21.4	3708	3736	3795	3801	3802	3744
Wayne	45.8	45.1	47.0	45.8	41.5	45.9	1119	1126	1184	1202	1369	1254
Webster	28.3	27.9	30.2	30.2	30.3	29.6	6739	6902	6941	6765	7010	6777
Winnebago	24.4	22.8	22.4	23.8	22.9	23.1	2771	2803	2806	2878	2863	2936
Winneshiek	18.0	18.9	20.9	21.7	21.4	22.6	3288	3298	3332	3321	3353	3079
Woodbury	31.6	31.6	32.0	31.7	31.5	30.6	20326	20348	20452	20686	20261	19699
Worth	25.0	26.6	26.6	28.7	28.8	30.5	1134	1124	1163	1160	1143	1155
Wright	29.9	27.9	28.8	29.1	28.0	27.0	2879	2990	2962	3026	3080	3108
State of Iowa	26.8	26.7	26.9	27.2	26.7	25.9	534826	536222	540440	540124	538987	537234

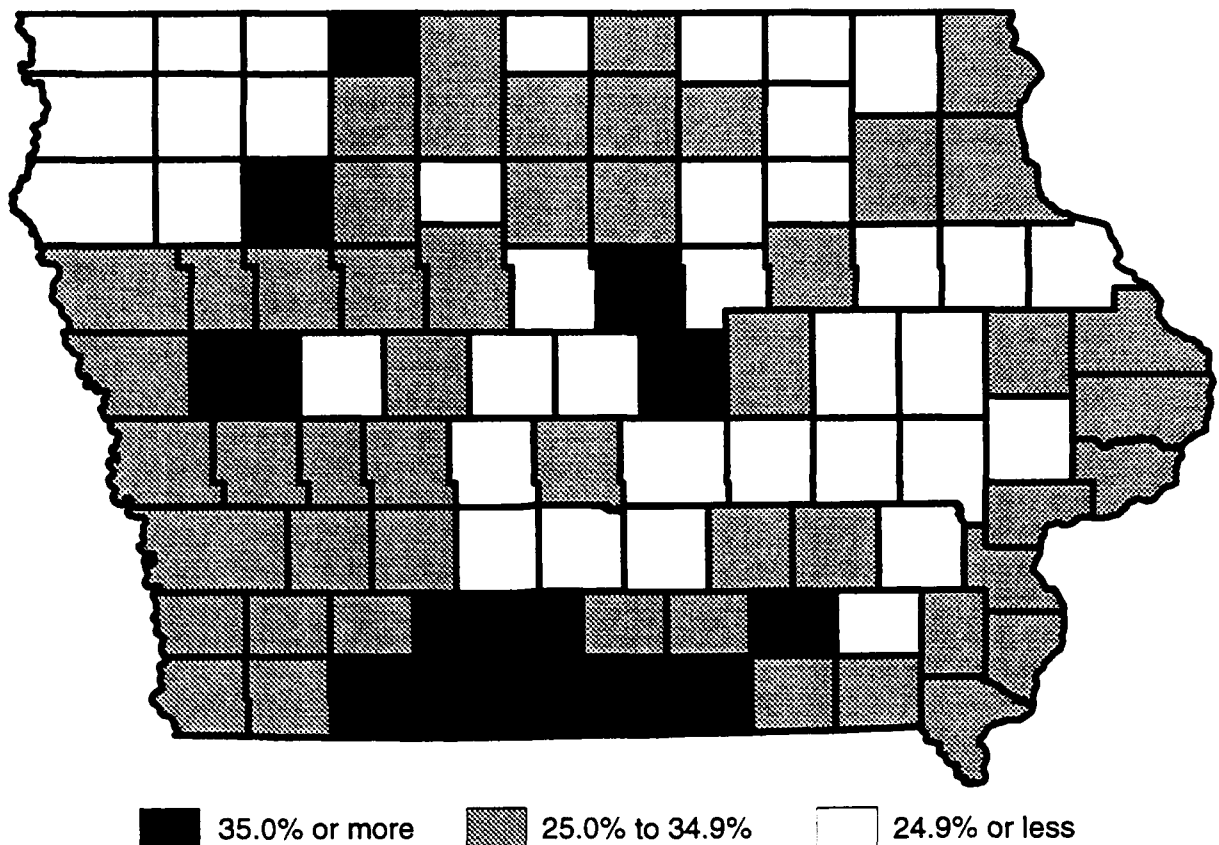
In 68 counties, the number of students receiving reduced-price meals was greater in 2000 than in 1995. Among the 31 with fewer students at the end of the period than at the beginning, none decreased by as much as 100. Of those that increased, however, 16 counted at least 100 more receiving reduced-price meals in 2000 than in 1995.

The trends on the two types of meal support differed in direction when 1995 and 2000 were compared. While there was a modest decline (-2,000) among students receiving free meals, a somewhat greater gain (+6,000) was evident on reduced-price meals. When added together, more students received free or reduced-price meals in 2000 (143,000) than in 1995 (139,000), although the peak in this relatively short period occurred in 1997 (147,000).

Percentage of Students Receiving Free or Reduced-Price Meals

In October of 2000, 26.8 percent of students enrolled in school received either free or reduced-price meals (Table 2; this table contains the number of students enrolled that month as well). The percentage for the state did not vary greatly from 1995 through 2000. In the most recent year, 13 counties had percentages in the meal program below 20, with Warren the lowest at 13.5 percent. Thirteen other counties had percentages of 35 or greater (Figure 1), with four at 40 percent or higher (Appanoose, Decatur, Emmet, Wayne). For 55 counties, the percentages for October of 2000 were lower than what they had been in 1995, although only Howard, Sac, Winneshiek, and Worth dropped by at least four percentage points. In 40 counties, percentages of students in the meal program were greater in 2000 than in 1995. Seven had gains of at least four percentage points, with the increase of 7.6 percentage points in Scott the highest reported.

Figure 1. Percent of students receiving free or reduced-price school meals in October, 2000.



Expenditures by the U.S. Department of Veterans Affairs in Iowa's Counties: 1990 and 1995-2000

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A report of expenditures by the U.S. Department of Veterans Affairs is released by fiscal year. In 2000, nearly \$439 million was expended by Veterans Affairs in Iowa's counties (Table 1). That was an increase of \$104 million since 1990, when the total was \$335 million; much of the gain in recent years occurred from 1999 to 2000 (+\$30.6 million). Expenditures varied greatly across the 99 counties in this state. Adams, Ida, and Osceola each had less than \$500,000. The \$37.5 million in Marion, \$114.8 million in Johnson, and \$110.9 million in Polk were significantly higher than figures for other counties; each of these counties has a relatively large federal facility for veterans. The next highest level of expenditure was \$11.7 million in Linn.

Total expenditures related to programs for veterans decreased in nine counties from 1990 to 2000. Of these nine, Buena Vista and Decatur had declines between \$100,000 and \$199,000. The drop of more than \$2.6 million in Marion was substantially greater than the others, primarily because of the federal facility located there. Gains were at least \$100,000 in 64 of Iowa's 99 counties. In 10 counties, increases in total expenditures exceeded \$1 million when 1990 and 2000 were compared, with those in Johnson (+\$34.6 million) and Polk (+\$40.7 million) substantially greater than the others.

Statewide, compensation and pension expenditures totaled \$176 million in 2000 (Table 2). Dollars spent for compensation and pensions were less than \$500,000 in nine counties but exceeded \$1 million in 43 others in 2000. The highest figure (\$24.5 million) occurred in Polk; no other county had as much as \$10 million in compensation and pensions that year. Gains between 1990 and 2000 occurred in 85 counties, with the increase exceeding \$100,000 in 56 of them. In contrast, only 3 of the 14 counties with declines reported drops greater than \$100,000 during the period.

Expenditures for readjustment and vocational rehabilitation, which includes education benefits, were \$15.0 million in 2000, which was 72 percent higher than the \$8.7 million reported in 1990 (Table 2). Black Hawk, Johnson, Linn, Polk, Pottawattamie, Scott, Story, and Woodbury each received more than a half million for readjustment and vocational rehabilitation; together, these counties received 58.3 percent of these expenditures in Iowa. Statewide, this category of benefits had the largest percentage increase of any of the individual expenditure components between 1990 and 2000.

Insurance and indemnity expenditures totaled \$23.9 million in 2000. Although 27 counties received less than \$100,000 in this category, Black Hawk, Linn, Polk, and Scott obtained more than \$1 million. Between 1990 and 2000, insurance and indemnity expenditures increased \$1.6 million (7.1%). All but 14 counties gained, with 15 increasing by at least 20 percent.

Two other categories of expenditures are reported by the U.S. Department of Veterans Affairs. Although only three counties (Johnson, Marion, Polk) in Iowa received funds for medical services and administration in 2000, the total of \$223 million was the greatest of any subcategory of expenditures reported that year (Tables 2, 3). Lee and Sac were the only other counties to obtain these funds in the 1990-2000 period. Funds for medical services and administration accounted for about half of all expenditures during each of these years.

The remaining category—construction and related costs—always was the smallest of those reported (Table 3). Again, only five counties received these funds in any year from 1990 through 2000;

Table 1. Total Veterans Affairs Expenditures (in \$1,000s) in Iowa's Counties, 1990 and 1995-2000.

County	2000	1999	1998	1997	1996	1995	1990
Adair	694	646	527	472	483	479	528
Adams	364	374	315	300	309	283	361
Allamakee	1224	1169	1222	1045	959	910	745
Appanoose	1724	1765	1839	1633	1656	1556	1464
Audubon	500	491	690	425	430	411	394
Benton	1636	1704	1600	1557	1516	1467	1367
Black Hawk	9098	8796	8706	8398	8307	7654	6905
Boone	1995	1973	1807	1937	1742	1869	1821
Bremer	1176	1134	1116	1169	1193	1170	1078
Buchanan	1191	1170	1163	1077	1058	1052	1031
Buena Vista	1243	1260	1271	1333	1389	1327	1427
Butler	957	916	866	892	862	794	814
Calhoun	903	861	928	996	868	891	888
Carroll	1312	1269	1263	1199	1200	1187	1220
Cass	1308	1166	1181	1178	1188	1049	1083
Cedar	1038	1033	946	934	861	813	674
Cerro Gordo	3414	3357	3376	3309	3415	3481	3225
Cherokee	903	932	963	980	904	868	869
Chickasaw	820	769	897	759	780	755	737
Clarke	539	580	643	634	682	640	626
Clay	1348	1331	1393	1265	1316	1251	1117
Clayton	1469	1380	1336	1246	1189	1139	1315
Clinton	3430	3360	3196	3126	3107	3040	2965
Crawford	1006	1002	992	1074	978	908	1013
Dallas	2581	2453	2465	2309	2229	2140	1772
Davis	723	708	706	698	621	601	562
Decatur	622	675	722	690	688	651	777
Delaware	1064	978	949	919	1012	897	1027
Des Moines	2976	3014	2959	2882	2899	2703	2652
Dickinson	1396	1441	1336	1265	1194	1022	1019
Dubuque	6172	5848	5463	5403	5328	4650	4521
Emmet	832	809	956	976	1045	1032	923
Fayette	1555	1546	1554	1558	1561	1439	1391
Floyd	1683	1653	1656	1717	1676	1592	1228
Franklin	779	734	732	729	726	692	683
Fremont	761	810	652	706	674	653	643
Greene	802	785	790	806	852	838	739
Grundy	746	711	659	656	649	651	656
Guthrie	743	744	702	724	733	713	766
Hamilton	1172	1144	1106	1028	1037	1045	1051
Hancock	610	591	714	622	611	610	521
Hardin	1146	1266	1043	1076	1108	1085	1133
Harrison	1501	1829	1221	1120	1134	1082	1143
Henry	1050	1041	888	857	864	859	807
Howard	752	723	787	725	691	588	627
Humboldt	758	687	679	669	742	668	585
Ida	420	406	413	383	409	358	393
Iowa	993	981	881	948	888	856	816
Jackson	1429	1375	1395	1225	1170	1182	1108
Jasper	2009	1927	1897	1826	1833	1802	1778

Table 1. Total Veterans Affairs Expenditures (in \$1,000s) in Iowa's Counties, 1990 and 1995-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1990
Jefferson	776	730	761	809	835	774	676
Johnson	114769	98704	98686	91455	96467	96742	80207
Jones	1275	1225	1194	1131	1157	1129	1133
Keokuk	1107	1170	984	917	1069	815	906
Kossuth	1245	1237	1308	1278	1254	1143	1107
Lee	3019	3008	2955	2862	3079	3088	2857
Linn	11703	11683	11246	10769	10336	9849	8819
Louisa	677	656	691	750	656	699	663
Lucas	973	982	899	852	889	879	808
Lyon	733	783	746	680	801	737	726
Madison	1090	1027	983	946	873	863	819
Mahaska	2069	1986	1921	1768	1821	1597	1743
Marion	37454	36551	42200	52196	55629	57635	40103
Marshall	9221	9375	8390	7966	7924	7342	6549
Mills	1572	1504	1478	1388	1276	1276	935
Mitchell	658	682	631	528	543	497	528
Monona	1089	1042	997	948	938	952	994
Monroe	1310	1345	1246	1217	1209	1124	888
Montgomery	995	1094	869	953	816	789	874
Muscatine	2122	2073	2081	2011	1900	1804	1965
O'Brien	993	1088	978	905	961	973	1064
Osceola	459	441	461	574	477	493	390
Page	1335	1249	1223	1414	1210	1194	1155
Palo Alto	769	817	726	754	739	726	679
Plymouth	1298	1260	1228	1253	1283	1174	1296
Pocahontas	803	781	766	714	770	673	645
Polk	110886	99597	100059	90930	91223	93651	70232
Pottawattamie	8358	8014	7716	6916	6794	6421	5699
Poweshiek	1219	1215	1206	1184	1271	1277	905
Ringgold	503	482	508	500	567	465	477
Sac	898	828	803	780	818	1386	784
Scott	9911	9870	9619	9005	8803	8540	7134
Shelby	951	958	951	830	792	744	742
Sioux	1455	1426	1281	1286	1260	1189	1156
Story	3983	3957	3891	3726	3824	3681	3147
Tama	1148	1009	1003	996	908	854	901
Taylor	719	761	599	608	660	644	670
Union	991	928	836	878	906	790	935
Van Buren	532	523	501	478	554	506	443
Wapello	3953	3797	4220	3878	3965	3838	3534
Warren	3232	2940	2739	2757	2731	2602	2196
Washington	1073	960	955	964	929	928	1034
Wayne	752	792	732	710	711	712	747
Webster	2958	3296	2891	2890	2956	2751	2732
Winnebago	790	667	661	576	553	619	526
Winneshiek	1174	1162	1148	1079	1106	1091	1055
Woodbury	7963	7863	7621	7520	7158	6735	6674
Worth	545	558	500	546	524	489	486
Wright	843	901	854	837	899	865	877
State of Iowa	438918	408314	408508	396374	403587	401150	334608

Table 2. Veterans Affairs Expenditures (in \$1,000s) in Selected Categories in Iowa's Counties, 1990 and 1995-2000.

County	Compensation and Pension							Readjustment and Vocational Rehabilitation							Insurance and Indemnities						
	2000	1999	1998	1997	1996	1995	1990	2000	1999	1998	1997	1996	1995	1990	2000	1999	1998	1997	1996	1995	1990
Adair	618	570	450	397	408	405	459	8	9	6	5	5	6	8	68	68	70	70	70	67	61
Adams	317	318	248	241	252	239	312	3	12	21	13	11	1	9	44	44	46	46	46	44	40
Allamakee	1073	1036	1078	900	805	756	646	42	24	32	33	42	47	17	109	109	112	112	112	108	83
Appanoose	1549	1574	1661	1430	1467	1386	1346	50	65	49	74	60	46	15	125	125	129	129	130	124	103
Audubon	417	419	617	350	355	336	320	16	6	5	6	7	9	14	67	67	68	69	69	66	59
Benton	1356	1409	1289	1226	1185	1166	1137	90	105	117	135	134	114	59	190	190	195	196	196	188	171
Black Hawk	6978	6728	6611	6282	6208	5629	5246	1048	996	994	1010	992	964	550	1072	1072	1102	1105	1107	1060	1110
Boone	1666	1616	1489	1613	1412	1539	1501	108	135	90	96	102	111	120	221	221	227	228	229	219	200
Bremer	898	852	830	871	887	864	808	108	112	112	123	131	138	104	170	170	175	175	176	168	166
Buchanan	969	955	947	845	852	847	832	56	49	46	62	34	42	47	166	166	170	171	171	164	152
Buena Vista	982	973	959	987	1084	1072	1123	105	131	151	185	144	100	147	156	156	161	161	161	155	158
Butler	785	758	730	742	706	641	686	56	42	17	31	36	38	23	116	116	119	119	119	114	104
Calhoun	780	752	807	871	743	727	766	24	9	19	22	22	65	36	100	99	102	103	103	98	85
Carroll	1065	1046	1051	987	996	990	1042	88	63	48	48	39	40	30	160	160	164	165	165	158	148
Cass	1129	1013	1027	1009	1032	906	940	55	28	26	41	28	20	24	125	125	128	128	129	123	119
Cedar	811	812	726	653	654	608	512	76	70	64	125	50	55	28	151	151	155	156	156	150	134
Cerro Gordo	2820	2813	2820	2707	2784	2855	2710	179	129	129	174	202	215	90	415	415	427	428	429	411	425
Cherokee	736	759	800	826	730	703	739	28	34	20	10	31	28	17	139	139	143	143	143	137	113
Chickasaw	656	620	737	604	637	620	623	61	45	54	48	36	32	21	104	103	106	107	107	102	94
Clarke	441	467	528	541	592	557	540	27	41	41	18	16	12	20	72	72	74	74	74	71	65
Clay	1127	1124	1151	1029	1115	1040	950	74	59	91	85	49	65	25	147	147	151	152	152	145	142
Clayton	1268	1194	1148	1034	988	948	1148	49	33	31	55	44	40	25	153	153	157	158	158	151	142
Clinton	2732	2678	2550	2468	2438	2370	2434	221	204	155	165	176	197	93	478	478	491	492	493	473	437
Crawford	835	833	818	884	790	742	868	31	29	30	46	43	28	18	140	140	144	144	144	138	128
Dallas	2201	2091	2110	1957	1890	1803	1471	118	99	85	81	68	77	80	263	263	270	271	271	260	221
Davis	651	632	608	616	534	513	488	10	14	34	19	23	28	15	62	62	63	64	64	61	59
Decatur	535	572	610	561	574	551	695	27	43	51	67	52	41	16	60	60	62	62	62	59	66
Delaware	901	809	790	749	847	743	897	41	47	34	45	39	33	23	122	122	125	126	126	121	107
Des Moines	2324	2396	2371	2292	2307	2075	2149	238	204	162	162	164	219	111	415	414	426	427	428	410	392
Dickinson	1144	1220	1125	1054	993	841	866	90	59	46	45	35	22	23	162	162	166	167	167	160	130
Dubuque	4987	4682	4320	4240	4093	3584	3604	464	446	402	421	491	354	269	720	720	740	742	744	712	647
Emmet	661	668	802	819	831	860	785	69	39	50	53	109	72	45	102	102	104	105	105	100	93
Fayette	1272	1224	1223	1258	1269	1161	1150	104	142	147	116	107	101	72	179	179	184	185	185	177	169

Table 2. Veterans Affairs Expenditures (in \$1,000s) in Selected Categories in Iowa's Counties, 1990 and 1995-2000 (continued).

County	Compensation and Pension							Readjustment and Vocational Rehabilitation							Insurance and Indemnities						
	2000	1999	1998	1997	1996	1995	1990	2000	1999	1998	1997	1996	1995	1990	2000	1999	1998	1997	1996	1995	1990
Floyd	1497	1472	1453	1506	1449	1367	1064	38	34	51	59	75	80	28	147	147	151	152	152	145	136
Franklin	657	628	633	623	620	588	580	39	23	14	20	19	22	12	83	83	86	86	86	82	92
Fremont	667	725	556	607	578	561	550	20	11	21	23	20	19	22	74	74	76	76	76	73	71
Greene	691	679	681	695	731	722	639	24	19	20	22	31	30	18	87	87	89	89	89	86	81
Grundy	584	563	513	524	515	514	538	68	54	49	35	36	43	26	94	94	97	97	97	93	92
Guthrie	602	601	561	574	585	575	674	28	29	24	33	31	26	9	113	113	116	117	117	112	83
Hamilton	988	970	941	860	862	871	892	47	37	25	28	35	39	20	136	136	140	141	141	135	138
Hancock	472	472	607	514	486	488	405	43	25	11	10	28	29	26	94	94	97	97	97	93	90
Hardin	933	1051	841	860	861	865	930	46	47	30	43	74	54	42	167	167	172	173	173	166	161
Harrison	1364	1675	1055	956	952	906	998	21	38	47	45	62	62	33	116	116	119	119	120	115	112
Henry	787	766	628	617	647	629	651	96	108	89	68	45	65	26	167	167	171	172	172	165	130
Howard	619	608	686	626	595	502	554	61	43	27	25	21	15	4	72	72	74	74	74	71	69
Humboldt	626	554	542	545	598	544	479	32	34	36	22	41	25	22	100	100	102	103	103	98	85
Ida	338	322	329	306	335	286	321	17	19	17	10	6	7	4	65	65	67	67	68	65	68
Iowa	839	829	723	764	745	702	694	36	33	36	62	20	37	20	118	118	122	122	122	117	103
Jackson	1213	1165	1183	1032	966	973	942	57	51	48	29	39	52	26	159	159	163	164	164	157	140
Jasper	1597	1526	1490	1449	1457	1436	1492	102	90	89	57	56	58	21	311	310	319	320	321	307	266
Jefferson	605	553	587	646	660	604	537	42	48	42	30	43	44	37	129	129	132	133	133	127	102
Johnson	4070	3870	3846	3322	3147	2919	2608	1118	1124	1141	1031	1202	1402	814	618	618	635	636	638	611	603
Jones	1037	1012	981	924	940	896	952	65	41	36	29	39	63	35	173	173	177	178	178	171	147
Keokuk	986	1055	855	798	945	694	792	23	18	29	19	24	25	20	97	97	100	100	100	96	94
Kossuth	1043	1042	1109	1037	1053	957	934	52	44	45	87	46	38	30	150	150	154	154	155	148	143
Lee	2518	2465	2470	2339	2370	2305	2230	134	125	104	102	115	161	95	367	367	377	378	379	363	351
Linn	9094	9187	8638	8143	7818	7277	6712	1013	901	969	982	871	994	601	1596	1596	1640	1644	1647	1578	1506
Louisa	535	513	549	546	534	566	548	34	35	31	93	11	26	26	108	108	111	111	111	107	89
Lucas	884	886	807	754	781	780	715	10	16	11	16	26	20	12	80	80	82	82	82	79	81
Lyon	611	676	640	573	696	632	627	46	31	27	29	26	29	20	76	76	78	79	79	75	79
Madison	952	888	851	817	743	735	722	36	36	26	24	24	27	18	103	103	106	106	106	102	79
Mahaska	1774	1707	1638	1455	1528	1330	1531	127	111	110	140	119	100	45	168	168	173	173	174	166	167
Marion	3926	3726	4004	3465	3431	3214	2108	111	96	91	76	92	106	44	265	265	272	273	274	262	243
Marshall	8681	8827	7828	7377	7349	6777	6113	98	106	107	134	118	127	65	442	442	454	456	457	437	372
Mills	1204	1242	1111	1077	995	948	788	258	151	254	197	167	218	55	111	111	114	114	114	110	92
Mitchell	554	576	523	411	436	388	432	13	15	14	23	13	19	16	91	91	94	94	94	90	80

Table 2. Veterans Affairs Expenditures (in \$1,000s) in Selected Categories in Iowa's Counties, 1990 and 1995-2000 (continued).

County	Compensation and Pension							Readjustment and Vocational Rehabilitation							Insurance and Indemnities						
	2000	1999	1998	1997	1996	1995	1990	2000	1999	1998	1997	1996	1995	1990	2000	1999	1998	1997	1996	1995	1990
	Monona	970	925	872	823	803	823	900	18	16	22	22	31	30	14	101	101	104	104	104	100
Monroe	1202	1209	1119	1105	1082	1023	814	36	65	55	39	54	30	13	71	71	73	73	73	70	61
Montgomery	866	968	737	822	673	632	757	28	25	28	27	39	57	15	101	101	104	104	104	100	102
Muscatine	1663	1622	1631	1565	1420	1383	1587	145	137	128	123	156	110	54	314	314	323	324	324	311	325
O'Brien	828	923	812	742	808	808	885	42	41	38	35	25	43	61	124	124	127	128	128	122	119
Osceola	377	368	379	494	390	414	319	22	13	20	18	25	20	11	60	60	62	62	62	59	59
Page	1142	1057	1033	1210	1004	996	983	41	40	35	48	50	48	40	152	152	156	156	157	150	131
Palo Alto	615	664	565	572	557	551	578	60	59	64	85	85	82	21	94	94	97	97	97	93	80
Plymouth	1005	1021	964	969	994	910	1058	119	65	84	104	109	91	83	174	174	179	180	180	173	154
Pocahontas	695	675	658	614	653	561	553	28	28	27	18	36	35	12	79	79	81	81	82	78	81
Polk	24455	24156	23983	22394	22658	21988	19612	1868	1757	1708	2108	2199	2402	1216	2925	2924	3005	3014	3019	2893	2840
Pottawattamie	7041	6779	6523	5696	5550	5298	4606	525	443	380	403	427	340	353	792	792	814	816	818	783	740
Poweshiek	1031	1020	1023	988	1060	1049	749	41	49	32	45	60	84	23	146	146	150	151	151	145	133
Ringgold	453	436	457	451	517	415	440	7	2	6	5	4	7	3	44	44	45	45	45	43	34
Sac	756	694	667	643	683	672	674	38	30	29	30	28	31	18	104	104	107	107	108	103	92
Scott	7125	6992	6896	6445	6044	5783	5172	1412	1505	1312	1145	1341	1398	584	1373	1373	1411	1415	1418	1358	1378
Shelby	806	796	766	677	639	597	620	34	51	71	39	38	36	25	112	112	115	115	115	110	98
Sioux	1123	1119	989	989	1000	938	915	140	116	95	99	62	61	72	191	191	197	197	198	189	168
Story	2366	2475	2524	2280	2310	2143	1903	1137	1002	874	951	1018	1063	796	480	480	494	495	496	475	447
Tama	926	805	795	791	720	664	751	60	42	42	38	20	30	18	162	162	167	167	167	160	132
Taylor	637	661	512	516	574	564	603	16	33	19	23	17	14	8	67	67	69	69	69	66	59
Union	854	805	711	734	763	658	819	31	18	17	35	34	28	25	105	105	108	108	108	104	91
Van Buren	444	441	424	392	453	410	384	20	14	7	16	31	29	5	68	68	70	70	70	67	54
Wapello	3364	3209	3624	3241	3305	3232	3094	218	217	215	254	277	239	106	371	371	381	382	383	367	334
Warren	2719	2455	2284	2291	2299	2109	1823	204	175	136	147	112	186	99	310	310	319	320	320	307	274
Washington	835	771	777	778	741	727	878	82	33	18	25	27	46	26	157	157	161	161	162	155	130
Wayne	670	703	642	634	636	644	680	20	27	26	12	12	7	8	62	62	64	64	64	61	59
Webster	2453	2793	2382	2354	2445	2225	2271	126	123	119	145	118	150	93	380	380	390	391	392	376	367
Winnebago	696	578	557	459	425	491	433	13	8	22	34	45	48	7	81	81	83	83	83	80	85
Winneshiek	940	916	921	866	887	865	874	95	108	85	71	76	89	50	138	138	142	143	143	137	130
Woodbury	6448	6445	6271	6128	5728	5396	5546	622	525	433	473	508	457	312	892	892	917	919	921	882	817
Worth	466	482	419	455	440	404	413	12	10	13	22	15	19	11	66	66	68	68	69	66	63
Wright	698	747	703	687	747	721	725	20	29	22	22	23	20	38	125	125	129	129	130	124	115
State of Iowa	176293	174154	168511	159591	157873	149722	142968	14998	13923	13206	13881	14196	14750	8709	23873	23867	24526	24596	24642	23607	22297

Table 3. Other Veterans Affairs Expenditures (in \$1,000s) in Iowa's Counties, 1990 and 1995-2000.

County	2000	1999	1998	1997	1996	1995	1990
Medical Services and Administration:							
Johnson	108891	93012	92999	85981	90387	89613	71628
Lee	0	0	0	15	216	242	171
Marion	33149	32444	34700	48336	49425	51358	34455
Polk	80729	67944	71215	62649	63164	65726	46524
Sac	0	0	0	0	0	575	0
State of Iowa	222770	193401	198914	196981	203193	207514	152778
Construction and Related Costs:							
Johnson	73	81	66	484	1093	2197	4554
Lee	0	52	4	28	0	17	9
Marion	3	20	3133	46	2408	2695	3252
Polk	908	2815	147	766	182	642	41
Sac	0	0	0	0	0	6	0
State of Iowa	984	2968	3351	1325	3683	5556	7856

these were the same counties as those receiving funds for medical services and administration. Expenditures in this category ranged from \$984,000 in 2000 to \$7.9 million in 1990. The 2000 figure was the lowest noted during the years reported in Table 3.

Note: See "Geographic Distribution of VA Expenditures: Fiscal Year: State, County, and Congressional District" (Department of Veterans Affairs, Office of Policy and Planning, Client Support Team, National Center for Veteran Analysis and Statistics, Washington, DC) for additional information. We thank Larry Sundall for bringing these data to the attention of Census Services.

Permits to Carry Weapons Issued in Iowa's Counties: 1994-2000

Margaret Hanson, Iowa State University
Willis Goudy, Iowa State University

There are two primary types of permits to carry weapons issued in Iowa: nonprofessional and professional. Nonprofessional permits authorize the permit holder to carry weapons other than in connection with their employment and to purchase hand guns. In all counties, individuals must take a written course before obtaining such a permit; some counties require a range course as well. Nonprofessional permits are granted at the county sheriff's discretion. The four subtypes of the professional permit to carry weapons authorizes both the carrying and the purchasing of handguns in connection with employment [e.g., professional (private security guard, armored car personnel, and so on), certified peace officer, correctional officer, reserve peace officer]. A professional permit is only valid while going to and from work and while actually engaged in the employment for which it was issued. Professional permits are obtained either through the county sheriff or the Commissioner of the Iowa Department of Public Safety (state employees, non-residents). Both professional and nonprofessional permits are valid for one year and are issued only after the completion of a criminal check. Permits are valid statewide but are not valid outside of Iowa. Numbers in this report reflect the actual number of individuals obtaining permits and not the actual number of weapons being carried throughout the state.

In 2000, 25,855 permits were granted to carry weapons in this state (Table 1). Black Hawk and Polk each exceeded 1,000 permits that year; Harrison, Linn, Pottawattamie, and Webster were the only other counties with more than 500. Delaware, Emmet, Jefferson, and Winneshiek each issued fewer than 25 weapon permits in 2000. From 1995 to 2000, the number of permits issued in the state increased by 2,348. Sixty-five counties followed this trend, with 11 counties increasing by more than 100, including gains greater than 200 in Decatur and Harrison. Permits declined by more than 100 in Black Hawk, Clarke, and Polk.

Of the total weapon permits issued in 2000, 23,910 were nonprofessional permits. The numbers of these permits vary considerably across Iowa's 99 counties. Twenty-three counties granted more than 300 nonprofessional permits, with Black Hawk and Polk each allowing more than 1,000. Seven counties issued 30 or fewer nonprofessional weapon permits in 2000, including Jefferson, which issued only one.

The number of nonprofessional permits increased by more than 1,900 in the state from 1995 to 2000; two-thirds of the counties (65) followed this trend. Increases ranged from fewer than 10 in 11 counties to more than 100 in 10 others. Decreases in Black Hawk, Clarke, and Polk were greater than 100.

Note: The sheriff of the county of residence is the only person authorized to issue permits unless the request comes from a nonresident or requires a permit as a result of employment by the State of Iowa. In such special cases, the Commissioner of Public Safety can issue permits to carry weapons. The sheriff may issue both a professional and a nonprofessional permit to the same individual if circumstances warrant. Permits may be requested for any device designed to inflict death or injury and includes, but is not limited to, dangerous weapons, pistols, revolvers or other firearms, daggers, razors, stilettos, switchblade knives, or any knife with a blade exceeding five inches. Additional information is available from the Iowa Department of Public Safety.

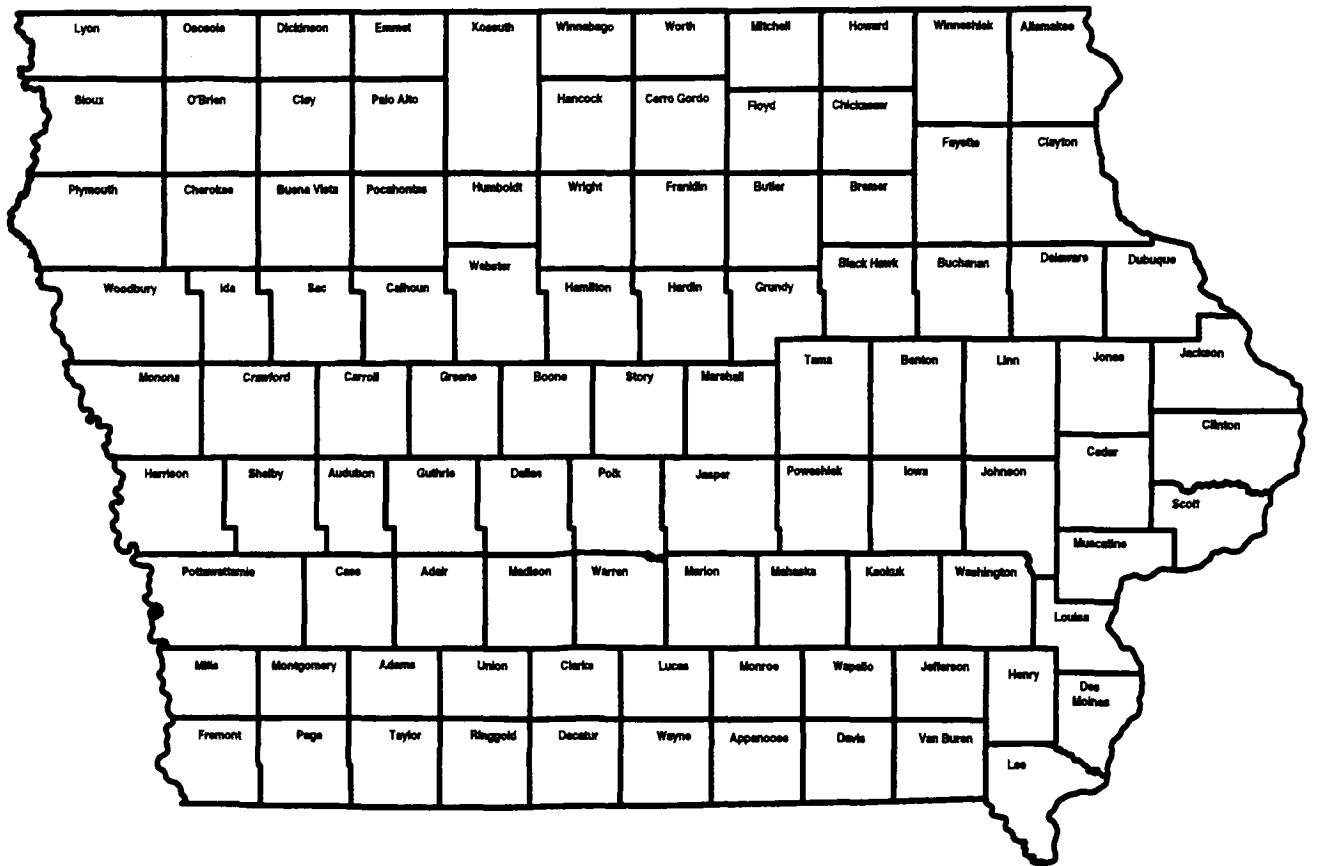
Table 1. Permits to Carry Weapons Issued in Iowa's Counties, 1994-2000.

County	Total Permits to Carry Weapons Reported*							Nonprofessional Permits Reported*						
	2000	1999	1998	1997	1996	1995	1994	2000	1999	1998	1997	1996	1995	1994
Adair	245	224	217	201	163	177	175	239	215	204	198	161	175	174
Adams	122	116	87	97	79	78	71	116	113	84	90	70	69	65
Allamakee	132	130	135	129	146	123	124	130	130	134	125	144	121	119
Appanoose	176	164	57	200	114	69	107	168	161	57	193	113	68	107
Audubon	167	172	150	160	166	137	138	166	171	148	156	166	137	138
Benton	211	200	184	300	197	164	356	202	188	180	295	195	159	344
Black Hawk	1444	1495	1651	1841	1706	1593	1656	1385	1436	1593	1639	1678	1561	1596
Boone	246	236	214	212	221	195	215	234	222	206	205	212	186	192
Bremer	482	475	457	596	397	422	412	470	462	448	586	391	420	405
Buchanan	164	163	168	155	159	149	137	156	154	157	143	142	142	131
Buena Vista	244	196	211	213	206	228	258	226	192	203	203	200	221	255
Butler	295	269	280	227	269	228	293	287	263	268	214	257	220	283
Calhoun	370	306	368	332	328	320	317	366	301	364	329	327	319	317
Carroll	103	123	109	101	99	104	109	99	117	95	99	96	101	106
Cass	440	440	421	352	255	437	426	435	434	417	343	246	435	425
Cedar	57	66	46	43	0	0	0	42	44	32	26	0	0	0
Cerro Gordo	268	270	266	241	149	266	275	246	249	236	221	129	255	261
Cherokee	176	274	269	241	139	248	220	162	256	253	227	130	236	213
Chickasaw	62	65	59	70	70	107	124	61	60	56	50	34	103	121
Clarke	159	222	263	210	182	266	302	154	215	251	204	181	262	300
Clay	270	248	259	239	219	233	217	263	240	244	231	206	225	210
Clayton	35	40	37	51	76	63	49	27	30	26	27	43	24	30
Clinton	126	157	162	175	176	171	157	123	141	149	156	164	156	135
Crawford	129	125	120	116	100	105	93	124	121	113	105	95	100	93
Dallas	432	347	429	448	413	462	584	408	334	400	425	391	433	573
Davis	237	255	224	223	204	192	210	234	247	217	216	202	187	208
Decatur	293	279	269	290	263	84	405	289	279	263	284	254	79	404
Delaware	12	22	22	58	31	13	24	11	16	18	50	27	12	21
Des Moines	63	75	69	113	67	84	73	55	53	54	48	41	31	64
Dickinson	429	393	378	405	426	409	432	427	391	371	395	411	405	425
Dubuque	116	101	104	175	90	105	113	65	54	62	137	56	60	59
Emmet	13	17	50	0	0	68	75	10	17	50	0	0	67	75
Fayette	128	80	85	91	79	59	63	109	76	82	77	58	46	41
Floyd	170	174	170	180	181	176	180	157	153	157	146	158	156	170
Franklin	247	236	208	211	224	193	223	239	235	204	208	221	193	223
Fremont	103	134	140	140	157	163	109	103	133	135	137	157	161	105
Greene	83	60	59	56	32	17	16	66	56	50	46	19	12	11
Grundy	152	171	169	150	158	153	156	147	154	161	147	154	152	151
Guthrie	343	145	329	331	328	308	300	342	142	319	319	325	303	297
Hamilton	223	238	237	250	239	219	208	217	237	234	245	236	215	207
Hancock	191	195	210	211	202	203	199	184	183	203	200	198	198	197
Hardin	256	240	239	238	243	251	223	255	237	227	233	235	247	220
Harrison	534	478	423	432	439	275	348	527	475	419	420	428	373	342
Henry	279	293	302	353	234	221	285	270	292	293	304	228	215	257
Howard	27	38	26	28	25	25	20	22	30	21	21	22	24	19
Humboldt	230	207	211	206	194	148	188	229	204	204	202	193	148	187
Ida	232	211	202	212	191	183	188	228	204	196	207	187	182	188
Iowa	447	452	454	471	417	419	441	436	445	449	457	409	410	435
Jackson	283	173	241	192	225	116	203	276	154	236	184	214	111	199
Jasper	256	262	273	276	246	308	238	234	244	255	222	234	303	228

* Numbers were not reported by some jurisdictions for each month.

Table 1. Permits to Carry Weapons Issued in Iowa's Counties, 1994-2000 (continued).

County	Total Permits to Carry Weapons Reported*							Nonprofessional Permits Reported*						
	2000	1999	1998	1997	1996	1995	1994	2000	1999	1998	1997	1996	1995	1994
Jefferson	13	2	12	12	0	28	0	1	0	0	0	0	25	0
Johnson	291	333	297	295	300	362	330	239	270	265	250	254	287	303
Jones	88	97	99	86	98	100	82	75	91	90	81	86	89	76
Keokuk	335	349	326	343	339	225	295	326	342	318	337	333	218	293
Kossuth	224	202	209	192	197	196	209	219	199	208	173	190	195	207
Lee	53	57	67	62	72	98	115	49	46	49	44	54	91	93
Linn	596	509	435	456	281	462	829	298	323	336	324	183	315	664
Louisa	54	72	77	66	59	68	58	54	70	75	63	57	65	55
Lucas	305	307	271	198	137	232	286	302	302	269	186	126	231	284
Lyon	93	106	106	114	101	109	118	93	104	102	113	101	108	118
Madison	183	187	186	171	189	167	203	175	164	181	164	182	163	198
Mahaska	144	149	156	98	165	188	194	140	136	143	85	143	172	181
Marion	456	432	403	433	421	336	413	432	421	391	396	408	328	407
Marshall	360	367	355	396	376	386	376	350	360	340	381	372	377	371
Mills	215	174	129	194	197	154	145	213	170	125	188	189	151	141
Mitchell	101	148	149	132	104	118	101	98	144	143	131	101	117	100
Monona	289	223	228	224	208	200	203	282	217	221	212	206	196	198
Monroe	160	174	162	159	154	133	142	155	167	161	151	149	130	137
Montgomery	208	222	192	197	201	174	179	203	213	185	192	194	171	179
Muscatine	407	457	452	450	453	370	376	387	435	424	416	439	362	363
O'Brien	307	266	308	299	288	288	238	305	265	306	297	287	284	236
Osceola	158	168	129	154	150	149	142	155	162	127	149	146	148	140
Page	143	88	162	125	130	118	119	131	76	154	108	126	113	117
Palo Alto	122	115	129	141	103	118	106	118	111	122	132	103	117	104
Plymouth	287	286	284	262	250	237	240	279	278	269	250	230	226	230
Pocahontas	235	216	209	230	234	220	233	231	215	207	226	233	217	233
Polk	1551	1539	1595	1606	1601	1695	1857	1358	1385	1442	1382	1457	1544	1722
Pottawattamie	958	968	1002	990	980	790	844	909	927	954	917	832	760	823
Poweshiek	450	435	362	395	393	381	363	448	425	340	387	380	373	354
Ringgold	231	225	165	133	149	151	129	227	207	164	130	146	149	126
Sac	337	330	336	320	267	308	290	334	324	328	297	266	306	289
Scott	464	391	439	402	433	513	469	337	287	314	302	295	385	368
Shelby	304	291	260	266	248	184	223	301	287	260	264	247	184	219
Sioux	199	286	284	282	280	261	233	197	282	283	280	279	261	231
Story	195	188	174	223	196	156	210	172	173	148	174	162	127	163
Tama	207	170	193	200	213	203	219	197	158	187	186	202	196	211
Taylor	136	142	135	122	74	87	92	135	137	119	112	67	82	80
Union	197	183	170	119	102	87	71	196	182	170	115	100	87	68
Van Buren	158	148	143	154	126	133	142	158	146	143	145	124	131	142
Wapello	79	79	76	65	63	87	48	54	57	56	42	34	42	32
Warren	497	435	627	522	547	524	537	488	427	612	510	529	508	522
Washington	76	77	69	65	90	56	93	73	70	62	53	82	50	74
Wayne	196	176	228	184	35	31	29	195	169	228	182	33	29	28
Webster	723	793	783	765	754	731	717	712	772	763	741	740	726	711
Winnebago	119	166	152	149	131	135	127	112	151	138	139	126	130	121
Winneshiek	22	29	28	5	34	26	60	22	28	28	5	30	25	56
Woodbury	389	407	391	414	434	446	476	254	256	259	266	278	279	345
Worth	28	23	23	26	28	24	34	24	22	20	23	25	23	27
Wright	279	292	280	273	248	247	252	273	289	274	263	240	245	249
Non county issued	331	388	276	337	121	278	253	3	1	1	2	24	20	3
State of Iowa	25855	25319	25436	25748	23678	23507	25235	23910	23403	23702	23361	22028	21976	23718



Charges of Operating a Motor Vehicle While Under the Influence of Alcohol/Drugs in Iowa's Counties: 1989-2000

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The State Court Administrator's Office in Iowa collects information on charges of operating a motor vehicle while under the influence of alcohol or drugs. First and second complaints filed for this offense are treated as misdemeanors, while third and subsequent filings are handled as felonies. The numbers refer to filings rather than persons; individuals may be charged for this offense more than once in a calendar year. Also, these figures are recorded by the county where the complaint was filed, which is not necessarily the county in which the charged individual lived.

The number of first or second charges for operating a motor vehicle while under the influence of alcohol/drugs increased each year from 1989 through 1993, when the peak (21,217) was reached among the years noted (Table 1). They dropped slightly in 1994 and 1995 only to rebound to a figure exceeding 21,000 again in 1996. From 2,400 to 3,000 fewer complaints were filed each year since then. The 1989 (17,589) and 2000 (18,020) totals differed relatively little.

Black Hawk, Dubuque, Johnson, Linn, Polk, Scott, Story, and Woodbury each had at least 500 first or second charges in 2000; these eight counties accounted for half (9,017, 50.0%) of the total that year. Fifty-four counties each had fewer than 100 complaints filed in 2000. Increases between 1990 and 2000 in the number of first or second charges occurred in 45 counties, although gains exceeded 100 in only five (Crawford, Johnson, Polk, Story, Woodbury). In the 54 counties with fewer first or second filings in 2000 than in 1990, decreases were greater than 100 in eight (Black Hawk, Jasper, Linn, Marion, Marshall, Muscatine, Scott, Warren). In the majority (53) of counties, however, changes in either direction were less than 20 first or second charges when 1990 and 2000 numbers were compared.

Third (or more) charges for this offense increased across the four three-year periods examined. From 1989 through 1991, 2,843 third filings were recorded for operating a motor vehicle while under the influence of alcohol/drugs; 3,419 occurred in 1992-1994, 3,606 in 1995-1997, and 5,209 in 1998-2000 (Table 2). While Linn (632) had the highest number of third complaints filed in 1998-2000, Polk was the only county with at least 600 in each of the periods. In addition to Linn and Polk, Black Hawk, Cerro Gordo, Johnson, Pottawattamie, Scott, and Woodbury each had at least 100 third charges in the most recent period.

Forty-one counties had fewer than 10 third complaints filed during the 1989-1991 period; for 1998-2000, 16 counties reported fewer than 10 third charges. Among Iowa's 99 counties, 83 had more third filings for operating a motor vehicle while under the influence of alcohol or drugs in 1998-2000 than in 1989-1991. A comparison of the 1995-1997 and 1998-2000 periods yielded similar results, with 75 counties listing more third charges in the more recent period than the previous three years.

Table 1. First and Second Charges for Operating a Motor Vehicle While Under the Influence of Alcohol/Drugs in Iowa's Counties, 1989-2000.

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Adair	45	66	42	40	36	33	35	25	25	34	30	34
Adams	27	18	12	20	17	16	18	19	21	19	29	40
Allamakee	54	46	46	42	57	66	63	64	72	50	74	62
Appanoose	95	75	56	66	122	117	153	146	163	132	112	82
Audubon	26	20	26	36	34	34	53	60	57	45	34	34
Benton	110	122	94	144	118	112	157	210	191	123	153	127
Black Hawk	532	629	726	857	883	910	967	924	1145	1148	1039	1155
Boone	138	94	137	103	90	119	161	152	196	150	135	128
Bremer	130	205	228	166	206	120	131	162	184	173	131	108
Buchanan	84	109	138	137	169	136	151	157	189	174	158	101
Buena Vista	182	248	281	257	213	217	167	134	159	131	133	155
Butler	51	48	65	66	57	43	63	53	55	51	49	39
Calhoun	37	49	50	47	45	51	30	43	32	29	53	35
Carroll	115	123	123	115	101	74	86	201	80	79	63	57
Cass	109	130	132	81	158	109	113	126	143	83	117	119
Cedar	108	91	118	100	113	117	141	153	135	148	159	118
Cerro Gordo	391	317	327	282	292	291	308	343	377	409	406	401
Cherokee	39	54	48	67	66	81	67	71	71	47	51	45
Chickasaw	60	40	41	42	63	58	61	76	74	67	77	73
Clarke	79	63	51	61	51	62	73	62	59	46	48	41
Clay	107	170	170	150	151	121	133	128	167	146	157	125
Clayton	85	96	119	120	122	105	98	80	71	77	55	59
Clinton	287	321	339	370	391	283	248	244	338	407	331	266
Crawford	232	224	186	153	204	148	167	153	105	131	125	83
Dallas	201	250	239	239	318	485	454	417	248	221	212	218
Davis	30	44	43	35	31	44	70	41	20	28	22	13
Decatur	35	39	48	37	48	49	30	27	39	41	19	19
Delaware	94	89	78	69	83	91	79	99	94	93	106	76
Des Moines	222	293	281	220	203	193	355	365	215	269	236	232
Dickinson	215	226	252	272	181	258	264	263	188	162	204	157
Dubuque	983	696	649	732	776	777	1523	1420	1367	975	1044	809
Emmet	64	70	99	67	49	36	46	59	54	42	53	61
Fayette	141	125	135	150	165	174	150	177	168	124	129	96
Floyd	63	73	73	105	152	140	154	138	97	49	90	57
Franklin	34	34	43	51	56	80	120	102	76	66	41	47
Fremont	50	38	31	37	57	55	45	40	45	45	49	46
Greene	37	52	55	27	58	51	46	37	59	45	61	71
Grundy	73	60	67	71	35	48	58	67	67	57	69	47
Guthrie	106	98	97	72	96	83	81	93	88	58	40	41
Hamilton	100	136	147	155	338	213	173	179	158	168	119	121
Hancock	54	39	27	28	43	35	31	37	44	37	37	47
Hardin	96	91	94	90	145	57	90	75	82	88	117	90
Harrison	103	128	141	85	104	106	127	100	81	66	79	45
Henry	102	173	165	160	150	158	143	158	117	102	118	94
Howard	48	58	67	47	64	58	47	54	54	64	49	36
Humboldt	49	37	52	33	42	39	55	54	72	73	63	58
Ida	43	33	41	20	24	25	27	49	39	80	50	39
Iowa	136	140	120	101	99	78	56	59	71	88	115	99
Jackson	90	79	82	96	103	105	153	125	113	137	125	112
Jasper	132	137	156	171	246	178	320	257	262	295	293	156

Table 1. First and Second Charges for Operating a Motor Vehicle While Under the Influence of Alcohol/Drugs in Iowa's Counties, 1989-2000 (continued).

County	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Jefferson	69	85	79	71	48	75	84	93	98	72	60	59
Johnson	1635	1833	1660	1721	1567	1088	1168	1145	1051	1011	1028	848
Jones	100	89	55	70	64	82	83	88	76	82	79	74
Keokuk	22	37	48	63	29	43	35	16	19	18	18	14
Kossuth	42	43	48	32	47	72	50	115	55	42	44	53
Lee	175	217	333	266	350	336	379	467	407	372	260	256
Linn	1288	1207	1266	1232	1407	1272	1116	1356	1266	1290	1559	1636
Louisa	89	93	124	120	81	71	71	128	133	168	98	100
Lucas	30	29	25	32	60	88	54	53	44	32	20	35
Lyon	36	34	34	47	42	39	39	40	56	34	43	32
Madison	46	36	37	37	31	18	22	40	43	43	38	53
Mahaska	124	159	146	145	159	139	146	93	111	83	55	94
Marion	131	140	200	161	201	205	260	258	281	298	285	242
Marshall	190	205	218	243	326	282	253	294	340	232	329	380
Mills	67	88	76	83	110	79	126	85	71	80	49	64
Mitchell	31	30	28	32	30	50	44	40	36	37	45	32
Monona	72	65	72	62	85	124	121	62	39	48	63	56
Monroe	33	48	38	57	68	69	47	57	43	55	38	36
Montgomery	101	112	113	79	95	78	62	80	55	92	72	54
Muscatine	260	283	280	262	228	229	299	276	266	355	450	315
O'Brien	42	73	68	70	88	72	88	89	89	101	101	40
Osceola	69	43	54	58	84	57	47	63	52	76	96	49
Page	72	66	107	72	95	96	89	87	90	80	125	52
Palo Alto	40	55	63	90	65	62	63	60	38	46	33	65
Plymouth	87	102	121	136	125	107	129	143	183	209	135	135
Pocahontas	11	18	31	34	36	27	30	30	34	23	27	31
Polk	2085	1926	1902	1936	2927	2826	2693	2788	2514	2013	1663	1606
Pottawattamie	445	490	454	670	492	331	444	401	416	413	389	320
Poweshiek	77	100	93	77	95	104	99	137	122	107	109	102
Ringgold	25	19	28	23	16	32	34	21	8	2	6	2
Sac	29	44	49	53	61	78	70	55	67	75	66	60
Scott	900	758	704	834	963	786	1269	1001	1027	1121	1335	1237
Shelby	44	39	40	37	47	54	49	55	44	46	40	34
Sioux	109	100	87	88	88	69	84	108	92	94	95	97
Story	537	548	496	535	564	430	401	549	598	531	370	364
Tama	161	155	144	165	199	204	189	181	172	148	148	194
Taylor	29	19	27	22	24	37	35	29	25	19	16	19
Union	23	56	57	66	45	74	56	45	52	56	44	66
Van Buren	13	32	29	46	39	24	29	36	31	32	24	40
Wapello	274	270	285	263	318	215	181	223	215	167	258	195
Warren	189	143	143	202	175	196	224	258	278	294	332	285
Washington	118	128	140	86	104	92	84	96	144	146	97	94
Wayne	8	14	15	20	24	13	10	7	10	14	17	12
Webster	294	186	241	169	170	126	125	172	219	179	196	380
Winnebago	51	58	64	49	78	84	86	0	60	49	55	41
Winneshiek	114	118	97	99	140	150	162	164	105	121	104	114
Woodbury	1057	908	1072	1044	1398	974	949	1229	1050	992	942	1085
Worth	40	45	49	54	53	35	45	41	32	42	24	26
Wright	112	103	91	63	60	83	78	85	69	45	47	37
State of Iowa	18020	18045	18468	18568	21026	18916	20642	21217	20353	19057	18786	17589

Table 2. Third Charges for Operating a Motor Vehicle While Under the Influence of Alcohol/Drugs in Iowa's Counties, 1989-2000.

County	1998-2000	1995-1997	1992-1994	1989-1991	County	1998-2000	1995-1997	1992-1994	1989-1991
Adair	11	6	4	4	Jefferson	25	13	20	14
Adams	10	5	2	6	Johnson	242	166	188	113
Allamakee	10	7	8	6	Jones	40	19	23	18
Appanoose	5	12	15	12	Keokuk	13	10	7	1
Audubon	12	6	11	18	Kossuth	14	4	0	0
Benton	69	32	34	24	Lee	33	41	44	32
Black Hawk	253	187	230	131	Linn	632	358	310	304
Boone	12	18	19	9	Louisa	33	10	16	16
Bremer	39	45	27	19	Lucas	1	8	6	0
Buchanan	40	29	41	21	Lyon	18	10	6	11
Buena Vista	19	22	29	20	Madison	19	5	9	6
Butler	4	10	6	9	Mahaska	44	23	22	13
Calhoun	11	9	7	10	Marion	58	26	43	54
Carroll	21	7	6	4	Marshall	82	71	68	48
Cass	37	19	23	17	Mills	14	18	20	8
Cedar	40	25	17	16	Mitchell	12	3	4	2
Cerro Gordo	101	56	65	77	Monona	40	15	11	14
Cherokee	1	6	11	9	Monroe	12	7	10	1
Chickasaw	19	12	9	12	Montgomery	0	0	2	3
Clarke	23	17	9	10	Muscatine	89	45	56	48
Clay	35	15	17	16	O'Brien	8	10	27	12
Clayton	27	14	10	7	Osceola	7	17	7	1
Clinton	86	59	42	46	Page	40	5	14	9
Crawford	21	11	13	7	Palo Alto	8	3	6	1
Dallas	93	67	58	45	Plymouth	51	30	26	18
Davis	11	6	4	4	Pocahontas	11	7	6	8
Decatur	15	13	5	8	Polk	602	664	622	605
Delaware	23	19	23	17	Pottawattamie	162	57	17	44
Des Moines	84	31	37	33	Poweshiek	25	12	15	16
Dickinson	69	51	43	26	Ringgold	5	5	3	1
Dubuque	84	45	83	54	Sac	7	7	11	8
Emmet	25	13	6	4	Scott	256	187	192	143
Fayette	54	22	21	17	Shelby	18	15	5	1
Floyd	27	20	10	12	Sioux	40	23	20	0
Franklin	16	17	13	8	Story	72	59	12	47
Fremont	0	4	12	29	Tama	76	44	33	24
Greene	13	13	11	7	Taylor	4	2	1	2
Grundy	14	7	6	6	Union	14	6	4	2
Guthrie	35	14	19	12	Van Buren	4	6	4	5
Hamilton	32	51	19	18	Wapello	77	65	36	27
Hancock	11	10	5	9	Warren	59	51	42	64
Hardin	36	19	0	11	Washington	54	37	34	25
Harrison	10	21	9	38	Wayne	6	2	0	1
Henry	44	20	19	20	Webster	71	17	9	32
Howard	16	11	16	14	Winnebago	10	9	4	2
Humboldt	3	7	11	10	Winneshiek	22	14	24	11
Ida	11	8	8	11	Woodbury	314	164	191	45
Iowa	33	17	13	8	Worth	1	10	6	8
Jackson	16	10	19	7	Wright	19	23	6	1
Jasper	64	58	52	36					
					State of Iowa	5209	3606	3419	2843

Voting for Selected Candidates for National Offices in Iowa's Counties: 1980-2000

Willis Goudy, Iowa State University
Yang Xiaodong, Iowa State University

After votes are cast and counted for federal and state offices, they are canvassed to assure accuracy of the totals. They are then made available by county first in an official canvass summary released by the Office of the Secretary of State of Iowa and later in the Iowa Official Register, a publication that the state releases every two years. Total figures across all candidates are noted on the vote for President, although only candidates receiving at least five percent of the total votes are listed. For the contests for seats in the U.S. House of Representatives, again only candidates receiving five percent or more of all votes cast are listed; what are labeled "scattered" votes (usually write-ins) are not noted either, because these are available in some editions of the register but not in others. Thus, on the races for the house seats, the numbers under-represent the total votes cast, although the unreported categories generally included relatively few voters.

President

The U.S. presidential race in 2000 attracted more Iowa voters than did those in 1996, 1988, and 1980 but fewer than went to the polls in 1992 and 1984 (Table 1). The total of 1.3 million voters in the most recent election for President was about 80,000 more than the number four years earlier. In 2000, 48.5 percent of the votes cast went to the Democrat (Gore) while 48.2 percent were given to the Republican (Bush). Other candidates captured the remaining 3.3 percent in 2000. The results favored the Republican candidate in 1980 (52.0%) and 1984 (53.3%) and the Democrat in 1988 (54.7%), 1992 (43.3%), and 1996 (50.3%). In the elections held in 1980, 1992, and 1996, a candidate other than a Democrat or Republican received at least five percent of the total; labeled as Independent in the table, this party received 8.9 percent of the votes in Iowa in 1980, 18.7 percent in 1992, and 8.5 percent in 1996.

Contrary to the state totals, 68 counties reported more votes for Bush than for Gore in 2000 (Figure 1). At least 1,000 more votes were cast for Bush than for Gore in 19 counties that year. The largest difference among these counties occurred in Sioux, where 10,000 more voters selected the Republican than the Democratic candidate; in no other county did Bush's votes outnumber those for Gore by as much as 5,000. In Sioux, more than 4 of every 5 voters (83.3%) selected the Republican party's candidate, with at least 60 percent of the votes going to Bush in another 11 counties. In contrast, in no county did Gore win at least 60 percent, although the margin approached that level in Des Moines (58.6%), Johnson (59.1%), and Lee (58.1%). Differences were greater than 1,000 in 13 of the 31 counties where Gore received more votes than Bush. The Democrat had at least 13,000 more votes than the Republican in Johnson and from 5,000 to 9,999 more in Black Hawk, Dubuque, Linn, and Polk. No more than 300 votes separated Bush and Gore in 21 counties.

U.S. Representative

The influence of a presidential election on voting participation is confirmed when total votes for the races for seats in the U.S. House of Representatives are reviewed from 1980 through 2000 (Table 2). Voting for representatives drops by 200,000 to 400,000 in Iowa in the election two years after a presidential race is on the ballot. The decline was least from 1980 to 1982; in contrast, the drop from 1988 to 1990 was the greatest, in part because Democrats failed to field a candidate for U.S. representative in 16 counties while Republicans had no one running in 22 counties in 1990. In 1992 and 1998, the Democrats did not have a candidate on the ballot for one of the seats available; this district included 30 counties. In 1994, 1996, and 2000, however, all seats were contested by both parties.

Table 1. Votes for Selected Candidates for U.S. President in Iowa's Counties, 1980-2000.

County	2000			1996				1992				1988			1984			1980*		
	Dem	Rep	Total	Dem	Ind	Rep	Total	Dem	Ind	Rep	Total	Dem	Rep	Total	Dem	Rep	Total	Dem	Ind	Rep
Adair	1753	2275	4123	1802	458	1655	3935	1655	814	1713	4194	2261	1833	4123	1979	2615	4619	1454	356	2821
Adams	897	1170	2145	1070	320	920	2326	1034	679	863	2596	1283	1080	2380	1221	1706	2960	940	214	1779
Allamakee	2883	3277	6462	2551	680	2457	5781	2362	1543	2627	6679	2768	3186	5995	2282	3997	6354	2170	343	4000
Appanoose	2560	2992	5704	2747	554	2233	5592	2810	1161	2346	6373	3209	2779	6088	3289	3412	6759	2769	353	3544
Audubon	1780	1909	3784	1827	314	1314	3488	1589	887	1373	3873	1863	1478	3371	1854	2306	4195	1546	251	2523
Benton	5915	5468	11766	5546	846	3835	10279	4467	2454	3469	10439	5873	4011	9977	4993	5566	10678	4223	948	5329
Black Hawk	30112	23468	55085	29651	3623	19322	53109	29584	10182	21398	61550	31657	24112	56171	31467	32262	64233	27443	5847	29627
Boone	6270	5625	12249	6446	987	4293	11835	5913	2070	4148	12219	7232	4381	11686	6485	5746	12277	5126	1081	5732
Bremer	5169	5675	11175	5023	862	4213	10172	4774	2338	4482	11714	4961	5079	10099	4084	6895	11055	3527	970	6706
Buchanan	5045	4092	9410	4997	836	3043	8951	4166	2126	3313	9654	4778	3495	8321	4129	4965	9152	3605	689	5041
Buena Vista	3297	4354	7977	3420	831	3636	7965	3374	1955	3863	9257	4580	4170	8825	4109	5193	9405	3468	771	5272
Butler	2735	3837	6724	3061	489	3036	6631	2548	1333	3209	7137	2593	3523	6146	2323	4570	6924	1990	392	4730
Calhoun	2132	2776	5041	2193	462	2077	4779	2140	946	2169	5274	2990	2474	5505	2541	3311	5898	2150	407	3633
Carroll	4463	4879	9568	4333	998	3392	8790	3800	2192	3439	9475	5437	3701	9273	4960	5021	10077	3885	736	5017
Cass	2481	4206	6880	2616	809	3384	6865	2231	1608	3176	7058	2934	3962	6968	2417	5053	7531	2176	475	5391
Cedar	4033	4031	8344	3856	756	2966	7676	3296	1945	2965	8240	4032	3373	7479	3086	4617	7748	2589	697	4398
Cerro Gordo	12185	9397	22162	11943	1689	7427	21227	11415	4498	8250	24293	12857	9358	22365	11570	11214	22950	9363	2024	11189
Cherokee	2845	3463	6592	2853	834	2629	6370	2590	1503	2768	6893	3574	3218	6855	3349	4046	7470	2719	599	4087
Chickasaw	3435	2936	6584	3355	759	2191	6360	2913	1566	2129	6640	3530	2549	6136	3186	3661	6917	2935	500	3929
Clarke	2081	1984	4176	2053	440	1401	3923	1921	899	1417	4260	2262	1631	3934	2030	2262	4321	1614	310	2417
Clay	3294	3992	7578	3659	802	3129	7655	3346	1964	3011	8380	4173	3641	7870	3774	4450	8316	3179	991	4479
Clayton	4238	4034	8571	4284	912	2944	8194	3742	2309	3044	9190	4320	3839	8242	3446	5029	8553	3297	669	5115
Clinton	12276	9229	22180	11481	2300	7624	21595	11683	4414	8746	24960	12549	10243	23002	11240	13914	25404	9698	2140	13025
Crawford	2838	3482	6555	3140	847	2686	6715	3004	1905	2693	7672	3868	3375	7311	3396	4552	8053	2500	509	4883
Dallas	8561	10306	19330	8017	1198	6647	16010	6554	2665	5587	14861	7501	4858	12419	6564	6080	12707	5310	1200	6296
Davis	1691	1956	3758	1894	382	1445	3759	1962	718	1344	4041	2246	1563	3849	2187	1956	4182	1689	200	2003
Decatur	1674	1903	3709	1846	452	1287	3623	1866	786	1316	3986	2192	1406	3627	2098	2104	4242	2048	318	2212
Delaware	3808	4273	8349	3704	679	3065	7497	3093	2144	3195	8492	3947	3425	7432	3158	4769	8001	2671	727	4316
Des Moines	11351	7385	19365	10761	1792	5778	18574	11309	3386	6378	21190	11593	7652	19374	11173	9559	20850	9977	1041	9158
Dickinson	3660	4225	8121	3562	901	3129	7646	3106	1974	3196	8304	3342	3678	7101	3025	4064	7170	2620	687	4028
Dubuque	22341	16462	40323	20839	3304	13391	38051	20539	8208	14007	42968	23797	14530	38547	21876	19239	41491	18689	3708	18649
Emmet	2165	2331	4630	2270	470	1641	4411	2239	1010	1749	5032	2778	2173	4977	2746	2946	5725	2153	446	3062
Fayette	4640	4747	9621	4832	890	3848	9624	4412	2493	3879	10861	5304	4921	10287	4677	6505	11302	4377	647	6374

*Totals of votes for other parties (other than Libertarian, which did not reach 5 percent) and scattered votes were not provided in the Iowa Official Register for the 1980 election.

Table 1. Votes for Selected Candidates for U.S. President in Iowa's Counties, 1980-2000 (continued).

County	2000			1996				1992				1988			1984			1980*		
	Dem	Rep	Total	Dem	Ind	Rep	Total	Dem	Ind	Rep	Total	Dem	Rep	Total	Dem	Rep	Total	Dem	Ind	Rep
Floyd	3830	3191	7238	3769	689	2379	6887	3688	1611	2404	7750	4377	3266	7733	4154	4341	8553	3634	728	4665
Franklin	2122	2657	4938	2232	417	2054	4733	2049	1045	2137	5266	2594	2320	4951	2349	3129	5545	1920	406	3290
Fremont	1459	2069	3616	1481	480	1576	3562	1422	1003	1459	3911	1547	1946	3527	1426	2686	4147	1203	191	2693
Greene	2301	2282	4719	2519	396	1861	4799	2422	956	1952	5353	3011	2091	5164	2831	2579	5554	2210	510	3154
Grundy	2139	3851	6111	2322	401	2928	5687	1895	1069	3160	6156	2211	3433	5682	1915	4527	6518	1869	440	4644
Guthrie	2493	2840	5469	2552	515	2034	5140	2234	1216	1962	5453	2910	2005	4983	2517	2783	5363	1866	384	3214
Hamilton	3407	3968	7574	3455	661	3109	7277	3262	1348	3031	7681	4156	3277	7494	3330	4279	7695	2741	679	4745
Hancock	2281	2988	5438	2399	529	2353	5309	2175	1170	2428	5806	2831	2731	5593	2539	3362	5938	1918	462	3681
Hardin	3734	4486	8435	4053	713	3505	8324	3792	1547	3590	8979	5088	3856	9001	4477	5195	9732	3757	730	5329
Harrison	2551	3802	6543	2576	820	3070	6527	2349	1691	2763	6868	2883	3108	6027	2495	4352	6882	2152	311	4502
Henry	3907	4476	8671	3798	914	3478	8275	3544	1522	3435	8628	3754	3951	7758	3377	4516	7955	3317	629	4430
Howard	2426	1922	4491	2303	555	1528	4405	2099	1193	1516	4862	2330	1970	4325	2135	2718	4898	2214	336	2975
Humboldt	1949	2846	4940	2080	590	2236	4933	1765	1093	2299	5185	2713	2594	5357	2406	3396	5863	1840	394	3575
Ida	1411	1968	3491	1589	436	1684	3732	1449	1061	1714	4239	1787	1951	3779	1559	2618	4202	1235	254	2825
Iowa	3230	3894	7413	3354	575	3042	7035	2560	1709	2656	6965	3338	3247	6685	2815	4352	7251	2606	667	4153
Jackson	4945	3769	9032	4609	936	2827	8461	4421	2096	2673	9305	4864	3237	8233	4400	4811	9340	3518	622	4479
Jasper	8699	8729	17835	8776	1263	6414	16585	8120	2972	6866	18012	8940	6703	15733	8023	8576	16699	7258	1221	8286
Jefferson	2863	3248	7548	2597	571	2541	7397	2562	1241	2541	8341	3594	3614	7296	2961	4727	7725	2577	505	4099
Johnson	31174	17899	52769	27888	2313	13402	45732	28656	8625	14041	51774	28759	15453	44647	26000	18677	45044	20122	8101	13642
Jones	4690	4201	9143	4668	765	3083	8581	3508	2306	3071	8900	4641	3496	8185	3825	4907	8791	3521	759	4506
Keokuk	2181	2571	4947	2545	432	2080	5101	2329	1238	1981	5577	2899	2278	5230	2649	2913	5656	2390	369	3145
Kossuth	3960	4612	8878	4031	932	3477	8505	3660	1906	3464	9059	5088	3938	9107	4838	4872	9814	3810	775	5568
Lee	9632	6339	16572	8831	1734	4932	15662	9366	2920	4777	17152	10911	6228	17290	8912	8756	17809	8204	1047	8793
Linn	48897	40417	92064	45497	5607	30958	83035	38567	19643	30215	88885	42993	33129	76718	38528	41061	80315	31950	8773	36254
Louisa	2294	2207	4637	2081	590	1565	4275	2091	1044	1691	4844	2268	2060	4380	1927	2623	4573	1700	291	2530
Lucas	1934	2262	4303	2168	433	1586	4209	2072	848	1734	4674	2454	1776	4243	2422	2630	5085	1989	291	2593
Lyon	1313	3918	5342	1489	422	3396	5352	1331	1068	3272	5726	1706	3517	5264	1401	4178	5642	1431	375	4349
Madison	3093	3662	6969	3070	654	2550	6327	2525	1168	2421	6149	3421	2410	5862	3067	3168	6261	2496	505	3320
Mahaska	3370	5971	9543	3737	656	4473	8941	3714	1508	4953	10247	4451	4798	9320	4107	6086	10293	3968	603	5650
Marion	5741	8358	14408	5978	871	6100	13052	5531	1896	6062	13533	6922	5914	12954	6313	7259	13634	5490	1232	6665
Marshall	8322	8785	17624	8669	1455	7017	17324	8303	3100	6784	18289	9760	7657	17549	8809	10839	19840	7114	1541	10707
Mills	2039	3684	5915	2068	683	2958	5772	1798	1638	2699	6166	2092	3212	5369	1434	3994	5486	1244	281	3581
Mitchell	2650	2388	5162	2596	563	1877	5071	2177	1199	1933	5347	2870	2338	5251	2531	3144	5743	2040	361	3401

Table 1. Votes for Selected Candidates for U.S. President in Iowa's Counties, 1980-2000 (continued).

County	2000			1996				1992				1988			1984			1980*		
	Dem	Rep	Total	Dem	Ind	Rep	Total	Dem	Ind	Rep	Total	Dem	Rep	Total	Dem	Rep	Total	Dem	Ind	Rep
Monona	2086	2304	4560	1952	580	1674	4238	1939	1231	1660	4849	2408	2068	4491	2159	2746	4959	1660	275	3268
Monroe	1699	1858	3647	1884	329	1272	3513	1829	612	1323	3782	2338	1313	3667	2342	1927	4291	1866	216	2003
Montgomery	1838	3417	5394	1912	663	2583	5198	1599	1341	2404	5369	1898	3166	5100	1661	4224	5930	1556	301	4115
Muscatine	8058	7483	16076	7674	1705	5858	15386	7089	3583	6087	16864	7059	6904	14102	5986	9069	15168	5597	1522	7829
O'Brien	2170	4674	7044	2236	578	3877	6735	2122	1557	3869	7578	2768	4241	7072	2479	5008	7569	2210	536	4937
Osceola	913	2064	3063	1010	274	1736	3051	990	813	1756	3600	1277	1951	3264	1146	2285	3463	1051	234	2177
Page	2293	4588	7059	2220	753	4032	7043	1951	1669	3670	7310	2185	4583	6803	1914	5876	7828	1772	356	5618
Palo Alto	2326	2341	4823	2371	477	1817	4703	2374	1186	1789	5379	3377	2041	5463	3018	2715	5810	2463	412	3025
Plymouth	3499	6189	10118	3745	997	5117	9956	3171	2039	5196	10484	4220	5316	9607	3464	6482	10027	2965	756	6515
Pocahontas	1736	2242	4141	1981	478	1707	4215	1919	942	1743	4669	2722	1871	4652	2481	2627	5188	1959	397	3194
Polk	89715	79927	174167	83877	9516	60884	156106	78585	24155	63708	167258	84476	57854	143144	75413	71413	147848	61984	15819	64156
Pottawattamie	14726	18783	34467	13276	3534	15648	32821	13228	8035	15671	37115	14958	17193	32405	12329	21527	34112	10709	1870	20222
Poweshiek	4222	4396	8980	4183	681	3221	8214	4056	1680	3245	9047	4876	3683	8625	4103	4715	8889	3529	821	4598
Ringgold	1246	1369	2692	1439	310	967	2740	1341	551	967	2869	1609	1110	2731	1593	1512	3117	1150	195	1884
Sac	2099	2776	5033	2170	579	2209	4997	1896	1157	2138	5215	2613	2411	5077	2363	3298	5729	1976	467	3725
Scott	35857	32801	70568	32694	4991	26751	65202	33765	11423	28844	74662	34415	31025	66035	32550	38034	71212	26391	5760	34701
Shelby	2179	3655	6009	2176	652	3056	5941	2094	1614	2809	6544	2806	3019	5860	2291	4200	6537	1892	372	4147
Sioux	2148	12241	14692	2392	718	10864	14110	2226	1771	10637	14730	2923	10270	13288	2585	11665	14293	2698	610	10768
Story	17478	16228	35364	17234	2091	12468	32695	17118	6275	12702	36311	19051	13782	33105	18277	19804	38410	13529	7252	15829
Tama	4045	4034	8315	3994	713	2986	7752	3573	1748	2948	8330	4584	3362	8012	4061	4882	8990	3049	593	4840
Taylor	1247	1770	3096	1458	379	1419	3276	1430	910	1200	3551	1671	1647	3332	1499	2496	4022	1226	240	2715
Union	2540	3003	5740	2787	660	2156	5657	2565	1280	2224	6102	3236	2751	6041	2875	3583	6576	2182	368	3372
Van Buren	1440	2016	3561	1536	347	1460	3375	1464	811	1418	3710	1612	1692	3334	1606	2138	3769	1311	183	2142
Wapello	8355	6313	15139	8437	1376	4828	14770	8670	2513	4852	16083	10177	5350	15673	10545	7098	17800	8923	1050	7475
Warren	9521	9621	19653	9120	1267	6905	17472	8612	3217	7242	19157	9627	6424	16131	8171	8277	16570	6610	1369	7360
Washington	3932	4827	9094	3828	636	3600	8173	3384	1994	3576	9018	3776	3741	7616	3079	4613	7770	2877	703	3967
Wayne	1300	1666	3021	1650	310	1295	3267	1632	642	1299	3584	1988	1467	3477	1927	2061	4021	1627	218	2221
Webster	8479	8172	17048	8380	1580	6275	16328	8562	3272	6992	18921	10267	6926	17393	9930	9619	19802	9001	1386	10438
Winnebago	2691	2662	5527	2679	590	2211	5521	2322	1329	2407	6078	2804	2863	5703	2669	3616	6314	2208	417	3808
Winneshiak	4339	4647	9417	4122	973	3532	8770	3791	2416	3331	9624	4443	4194	8725	3724	5277	9105	3201	938	5033
Woodbury	17691	18864	37896	17224	3436	16368	37464	17398	7182	18148	42864	20153	18790	39225	18951	23002	42350	15930	3184	23553
Worth	2208	1659	4004	2293	403	1284	4012	2009	1044	1382	4448	2440	1488	3982	2263	1985	4266	1721	301	2247
Wright	2796	3384	6336	2912	536	2473	5959	2776	1151	2708	6665	3353	2658	6054	2980	3675	6705	2645	497	3936
State of Iowa	638517	634373	1315563	620258	105159	492644	1234075	586353	253468	504891	1354607	670557	545355	1225614	605620	703088	1319805	508672	115637	676026

Table 2. Votes for Selected Candidates for U.S. Representative in Iowa's Counties, 1980-2000.

County	2000		1998		1996		1994		1992		1990		1988		1986		1984		1982		1980	
	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep
Adair	2837	1052	810	2533	1922	1995	1332	2319	2026	1366	1062	2590	1358	2548	1431	2126	1887	2591	2431	1577	2878	1695
Adams	523	1561	1156	523	1450	798	683	1377	921	1511	532	1382	664	1587	803	1438	1082	1832	1415	985	1783	1163
Allamakee	3944	2368	1719	2890	2017	3680	1584	3375	2238	4128	1947	3095	2001	3857	1545	3500	1615	4455	1589	3576	1875	4393
Appanoose	1854	3397	2267	1649	2432	2533	1684	2660	2775	2774	0	2379	1953	3469	1507	2703	2000	3953	2392	2749	3064	3285
Audubon	2522	1027	767	1609	1694	1596	1193	1577	1868	1102	888	2130	1161	2037	1222	1587	2068	1965	2043	1470	2544	1643
Benton	6808	4709	3492	5137	4391	5723	3633	4616	5220	5531	4175	0	6371	3278	4321	2823	3896	6229	3574	5080	3176	6342
Black Hawk	27270	26387	19885	19222	26656	25176	22163	21093	33313	26690	23972	0	34851	20060	23548	19370	25291	36695	25906	30310	33043	28786
Boone	6912	4600	0	6151	4747	6340	4902	4546	0	7349	5529	0	8055	2793	5858	2675	7288	4305	5866	3115	7851	3611
Bremer	6469	4389	3184	4969	4212	5839	3535	4807	5364	5888	3879	0	5457	4265	3683	4168	3389	7171	2988	6077	4492	6396
Buchanan	5305	3972	3141	4112	3952	4942	2978	4363	4273	5358	3450	3719	3591	4583	2918	4127	3134	6145	3045	4617	4479	4610
Buena Vista	5417	2105	0	4299	2454	5255	2551	3886	0	7214	1798	5340	3125	5638	3453	3569	6278	2895	5394	1759	6386	3005
Butler	4112	2408	1633	3287	2197	3954	1875	3288	2910	4037	2050	0	2986	2976	1943	2953	1738	4993	1688	4260	2378	4612
Calhoun	3382	1337	0	2991	1532	3076	1737	2455	0	4493	1177	2653	1985	3197	1765	2406	3332	2362	2473	1836	3990	1946
Carroll	6190	2643	0	4959	3283	4925	3053	4492	0	7311	2007	4410	3715	4789	3304	3503	6343	3308	4773	2744	6178	2912
Cass	4980	1579	1100	3811	2725	4004	1787	3825	3396	3456	1339	4659	1954	4656	1633	3520	2510	4703	2867	3061	4045	3752
Cedar	5467	2495	2435	3577	3220	4237	2678	3570	1964	5964	3031	2918	2689	4734	1658	3303	2027	5661	2158	4232	2357	4999
Cerro Gordo	12328	9438	7877	8244	9439	11572	7248	9339	12070	11018	5375	12147	8690	13391	7890	9553	13839	8166	9969	7663	11973	10121
Cherokee	4366	1819	0	3621	2114	4032	2240	2830	0	6154	1751	3953	2644	4154	3584	2463	5076	2248	4253	1415	5076	2231
Chickasaw	3620	2868	2256	3063	2927	3311	3062	2660	3847	2743	3888	0	3757	2024	2720	2490	2504	3967	2449	3445	3350	3177
Clarke	1098	2917	2360	1033	2090	1713	1232	2059	1778	2172	1189	2236	1254	2724	1367	1950	2254	1834	2412	1189	2874	1416
Clay	5070	2161	0	3893	2552	4380	2411	3371	0	6194	1834	4162	3066	4708	3177	2979	5755	2350	4878	1725	5990	2502
Clayton	4715	3405	2554	3797	3328	4506	2394	4546	3615	5183	3204	3691	3387	4738	2198	4311	2205	6008	2613	4841	3281	5459
Clinton	12292	7931	6260	8436	8416	10566	5588	9867	7576	14166	9101	7634	10092	12477	5704	10838	8681	15998	7455	11356	8901	14823
Crawford	4106	1512	0	3059	1727	3817	2111	2844	0	4650	1591	3398	2253	4444	2384	2916	4001	3527	3356	2281	4480	2886
Dallas	12235	6153	4501	8965	7565	8188	5868	6625	9298	4861	7841	0	8952	3453	6538	3103	7826	4903	6767	3841	8497	4019
Davis	1145	2448	1670	1161	1857	1693	1270	1719	1943	1835	0	1165	1323	1956	1133	1514	1442	2181	1579	1646	1956	1778
Decatur	881	2732	2239	768	2398	1174	1093	1850	1633	2026	948	1926	1149	2487	1334	1853	2204	1826	2463	1066	3151	1248
Delaware	4657	3323	2269	3691	3262	3864	1806	4501	2832	5488	2377	4099	2646	4656	1734	3250	2267	5551	1913	4011	2747	4705
Des Moines	5211	12865	8587	4119	9992	6767	6774	6971	11248	8165	0	8650	8238	10284	4696	7992	7737	12203	7076	7656	7110	12211
Dickinson	5376	2384	0	4618	2554	4811	2511	3280	0	6151	1697	4028	2503	4426	3159	2928	5024	2112	4047	1547	5381	1959
Dubuque	19808	19519	14034	13265	20591	16796	12370	16320	20993	20971	15470	15952	17632	20582	11284	16026	17555	22779	13392	19072	16790	22834
Emmet	2933	1453	0	2464	1736	2544	1658	2008	0	4255	1225	2560	1785	3011	2054	1705	3943	1623	2998	1207	4071	1414
Fayette	5584	3591	2860	4895	3798	5574	3162	5107	4515	5983	3916	4796	3712	6244	2794	5121	3384	7536	3316	6156	4262	6830

Table 2. Votes for Selected Candidates for U.S. Representative in Iowa's Counties, 1980-2000 (continued).

County	2000		1998		1996		1994		1992		1990		1988		1986		1984		1982		1980	
	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep
Floyd	3973	3101	2456	3384	3008	3577	2843	2975	4275	3303	4169	0	4709	2760	2925	2946	3347	4948	3289	3844	4622	4175
Franklin	3726	1008	0	3173	1142	3459	1159	2907	0	3924	948	3084	1564	3223	1761	2332	2875	2130	2041	1964	2520	2901
Fremont	2408	966	666	1915	1290	2175	1102	1643	2153	1447	673	2582	819	2628	854	2285	1208	2874	1638	1431	1895	2044
Greene	2950	1480	0	2773	1719	2853	1877	2200	0	4117	1469	2866	1931	2927	1949	2283	3175	2442	2949	1635	3656	1938
Grundy	4142	1776	1342	3393	1778	3674	1475	3145	2209	3723	1778	0	2568	2946	1706	2672	1111	5282	1171	4818	1650	5161
Guthrie	3520	1687	1418	2813	2505	2552	1857	2534	2554	1846	1309	2443	1920	2737	1671	2075	2708	2501	2727	1496	3362	1916
Hamilton	4892	2232	0	4294	2403	4507	2668	3517	0	6106	3021	0	4554	2249	3323	1919	4060	3256	3455	2459	3659	4103
Hancock	3876	1324	0	3347	1492	3607	1370	3241	0	4985	948	3696	1753	3693	2064	2438	3082	2587	2379	2052	2498	3286
Hardin	5542	2434	0	5155	2745	5224	2983	4288	0	7452	2138	5488	2912	5514	3303	4110	5211	3433	3803	3214	4252	4575
Harrison	4408	1727	1263	3077	2552	3763	2112	3026	3339	2490	1267	3131	1610	4039	1782	3179	2932	3645	2956	2471	3779	3013
Henry	3052	4836	3726	3118	3010	4642	2519	3847	4002	4325	0	5235	2142	5485	1695	4091	1893	5091	1912	4352	2263	5287
Howard	2338	2037	1652	1994	1996	2352	1784	2006	2538	2320	2951	0	2888	1579	2085	2129	1765	3256	1705	2724	2434	2748
Humboldt	3451	1226	0	3049	1422	3262	1565	2536	0	4568	911	3214	1570	3600	1845	2297	3552	1905	2793	1454	3509	2079
Ida	2274	819	0	2045	930	2340	1237	1568	0	3203	817	2252	1282	2453	1769	1517	2675	1409	1980	1166	2591	1651
Iowa	4608	2660	1997	3690	2567	4370	2169	3394	3120	4095	2723	0	3792	2572	2301	2435	2284	4532	2215	3728	2265	4655
Jackson	4452	3862	2794	3423	3534	3982	2589	3671	4204	4169	3968	2960	4075	3936	3021	3482	3513	5369	2604	4557	2904	5240
Jasper	5807	11364	7779	5863	8209	7767	6124	8006	8331	8576	10124	0	11432	4456	8374	3940	9800	6438	8693	4807	8279	8176
Jefferson	3261	3632	2707	2674	2006	3034	2065	3094	2616	3236	0	4618	1867	5171	1212	2955	1689	5520	1535	3662	1847	5105
Johnson	27332	21747	16827	16193	24042	20052	15379	17148	16479	32332	24682	0	29795	14361	17184	9024	22002	22662	19221	13380	18061	21902
Jones	5642	2988	2971	3776	3929	4369	2575	4069	2464	5947	3542	3166	3548	4527	2603	3576	3059	5616	2905	4471	3525	4923
Keokuk	1695	2671	1785	1688	1982	2418	1463	2572	2312	2540	0	2185	1757	3155	1306	2346	1609	3476	1552	2665	2952	2604
Kossuth	5908	2476	0	5077	2802	5395	2874	4253	0	7523	1694	5275	3188	5561	4361	2621	6535	2790	5125	2103	6832	2881
Lee	4231	11180	7862	3616	8840	5947	6213	5175	10201	6600	0	6430	8069	8278	6040	7257	6783	9738	6333	6287	7173	9834
Linn	54451	33183	30736	33969	40918	40110	24727	35635	29122	55215	31002	30620	33065	43209	20444	31174	29895	51775	28549	32589	37651	37647
Louisa	3069	1418	1218	2148	1573	2637	899	2198	1250	3535	0	3104	1313	2989	803	2372	1073	3345	1180	2393	1181	3201
Lucas	1416	2568	1732	1205	1951	1766	1351	2096	2056	2207	0	2117	1488	2151	1173	2163	1416	2831	1697	2166	2412	2353
Lyon	4193	825	0	3349	841	3821	745	2779	0	4520	825	3149	1158	3961	1669	2116	2275	3182	1584	2139	2810	2889
Madison	4439	2210	1691	3570	3115	3137	2285	2915	3868	2247	1666	2915	2346	3241	2047	2419	3420	2658	3566	1757	4227	1980
Mahaska	3994	4767	3158	3643	3172	5336	2025	4683	3533	5778	0	4190	2584	5864	1669	4646	2661	6585	2939	4606	4664	5251
Marion	5742	7952	4981	4777	5491	6990	3375	6640	5420	7232	3582	6138	5069	7160	3910	4975	7251	5647	5795	3547	6461	6259
Marshall	6192	10379	6770	7009	7640	8923	6543	8354	9084	8576	10806	0	10688	6096	7550	6139	6908	11533	7091	8602	9088	9481
Mills	4150	1422	820	2890	1983	3560	1314	2758	2594	2096	799	2981	1129	3934	934	2573	1441	3845	1672	1956	1992	2959
Mitchell	3081	1984	1685	2530	1980	3019	1674	2523	2661	2827	2106	0	3028	1921	1810	2360	1646	3623	1791	2914	2354	3325

Table 2. Votes for Selected Candidates for U.S. Representative in Iowa's Counties, 1980-2000 (continued).

County	2000		1998		1996		1994		1992		1990		1988		1986		1984		1982		1980	
	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep	Dem	Rep
Monona	2846	1438	0	2678	1458	2557	1434	1804	0	3394	1177	2128	1642	2711	2045	1866	3267	1579	2728	1171	3143	1902
Monroe	1035	2415	1741	996	1787	1543	1002	1552	1736	1848	0	1506	1641	1536	1152	1655	1504	2095	1499	1720	2023	1934
Montgomery	4036	1004	747	3213	1554	3412	1306	2597	2526	2700	779	3125	1098	3853	983	2873	1457	4305	1834	2274	2457	3398
Muscatine	10776	4595	3794	6745	5622	9393	3402	7165	3843	11188	0	7490	4835	8549	2018	5903	3842	10669	3300	6919	4483	9713
O'Brien	5036	1673	0	4031	1606	4889	1381	3863	0	6362	1378	4206	2089	4870	2924	2870	4191	3135	3311	2135	4477	3032
Osceola	2286	622	0	1875	604	2306	557	1632	0	2679	1300	1323	905	2296	1368	1326	1932	1449	1541	1223	2118	1271
Page	2999	3710	2394	2942	3027	3761	990	4338	1841	5518	897	4247	1145	5754	968	4313	1749	5925	2175	3048	3019	4505
Palo Alto	2816	1413	0	2073	1786	2397	1684	2056	0	3332	1360	2655	2264	3043	2515	1731	4064	1523	3684	1005	4262	1417
Plymouth	7177	2409	0	4834	2431	6519	2306	4574	0	7989	2016	5175	3274	6116	4645	3306	5942	3853	4611	2548	6284	3758
Pocahontas	2683	1044	0	2288	1271	2759	1339	2022	0	4090	945	2616	1838	2745	2031	1929	3617	1274	2823	1063	3865	1546
Polk	97313	70275	46305	77937	77721	77070	69243	64674	106735	53478	87242	0	102974	39339	68868	29887	88305	53651	76431	37053	76506	61662
Pottawattamie	22255	10562	6444	14557	13227	18489	7844	14335	15355	14736	7070	14849	11301	19535	8418	11684	14272	18623	12053	10521	15973	15909
Poweshiek	2814	5346	3431	2710	3073	4760	2672	3743	3846	4265	3725	0	5476	2709	3552	2691	3178	5150	3326	3956	2999	5356
Ringgold	563	2071	1677	646	1809	898	762	1576	1027	1717	660	1751	705	1730	921	1376	1524	1523	1675	1022	1890	1105
Sac	3531	1233	0	3593	1403	3409	1610	2445	0	4706	977	2807	1577	3127	1386	2587	2576	2837	2283	2040	3864	2060
Scott	45943	21926	15288	31575	23875	37878	14213	30796	18902	49695	0	30556	23441	39982	11284	30903	20877	47578	18258	31558	18810	42407
Shelby	4164	1448	1018	3052	1937	3478	1581	3107	2898	2220	1096	3432	1745	3851	1607	2725	2731	3665	2662	2412	3473	2788
Sioux	12123	1583	0	8772	1734	11516	1366	9376	0	12370	1300	9311	2332	10697	3655	6674	4510	9418	4143	5043	5998	7620
Story	11820	20692	14053	10185	15931	14909	11722	12707	17362	15460	14055	0	21098	9766	14310	8117	19643	16164	17637	9259	23858	11603
Tama	4776	3343	2551	3787	3275	4230	3369	3393	4603	3887	3826	0	5254	2550	3839	2588	3127	5550	2897	4482	3860	4716
Taylor	818	2162	1548	892	1749	1203	695	1695	1155	2199	741	2282	749	2495	867	1859	1291	2729	1703	1471	2175	1702
Union	1648	3904	2868	1512	3235	2144	1728	3348	2356	3303	1561	3010	1997	3732	2192	2569	3371	2930	3228	1887	3723	2038
Van Buren	1153	2155	1345	1430	1292	1753	978	1797	1537	1803	0	1914	1096	2210	1362	1629	908	2582	940	1925	1054	2437
Wapello	4181	10223	7243	4101	8192	5938	5309	6013	8819	7157	0	4670	7507	6695	5564	5033	8066	7822	7862	5405	9579	7033
Warren	6132	11999	8249	5632	8626	7881	5820	8165	8470	9045	5871	6697	7152	8165	5422	5886	9589	6557	8746	3685	4790	10074
Washington	3534	4573	3207	3229	3085	4140	2233	4062	3416	4322	0	3833	2026	4972	1371	3645	1793	5513	1680	3856	2180	4899
Wayne	1011	1808	1412	942	1588	1464	985	1763	1535	1741	907	1863	1174	1975	1285	1777	2108	1686	2178	1187	2541	1325
Webster	10096	5733	0	9068	6655	9087	6396	6913	0	10916	4965	7475	7639	8409	6113	6288	12951	6292	8800	5153	13726	5559
Winnebago	3650	1644	0	3302	1635	3713	1385	3195	0	3829	1144	3742	1828	3663	2205	2726	3193	2427	2644	2222	3059	2980
Winneshiek	5564	3638	2631	4047	3374	5223	2938	4267	4529	5429	3517	0	4955	3404	2652	3123	2942	5613	2612	4454	2838	5778
Woodbury	22796	13382	0	18930	15199	21079	12817	16788	0	32313	10148	19415	16091	22686	15314	16275	27239	13980	22250	8516	26548	15278
Worth	2352	1549	1393	1793	1449	2463	1436	1687	2241	1765	2700	0	2629	1181	1685	1475	1446	2533	1658	1998	2099	1971
Wright	3763	1581	0	2969	1808	3697	1702	3127	0	4793	1334	3414	2111	3699	2016	2530	3631	2714	2711	2153	2979	3725
State of Iowa	531642		338431		532815		407311		492733		400852		580200		428022		595265		528266		630430	
		712111		551767		649959		560117		729496		385003		606647		461428		673343		475338		620806

When the votes for representatives were totaled across the state, Republicans received more support in eight elections (1984, 1986, 1988, 1992, 1994, 1996, 1998, 2000) while Democrats had the majority of votes in the other three (1980, 1982, 1990) from 1980 through 2000. The differences didn't exceed 100,000 until 1992, when Republican candidates for the U.S. House of Representatives received about 237,000 more votes than did Democrats. In 1994, the Republican total was nearly 153,000 above that for Democrats; the difference continued to decline to 117,000 in 1996, although it increased again in 1998, when Republicans running for the U.S. House of Representatives received 213,000 more votes than did Democrats. In the 2000 election, Republican candidates for U.S. House seats won 180,000 more votes than did Democrats.

Note: Readers can review the biennial Iowa Official Register for additional information on elections. Before data appear in a register, they are available as the Official Canvas Summary from the office of Iowa's Secretary of State (State Capitol Building, Des Moines, IA 50319) and on that unit's Web site. But caution is urged in examining figures even after they have been officially canvassed. The register containing the results for 1990 elections, for example, included a note indicating that the official canvass totals for the Democratic and Republican candidates for the U.S. Senate were in error in Sioux County and had been reversed and reported correctly in that register. Other problems, generally not of this magnitude, also may occur in the registers if errors were discovered after the official canvass results had to be reported to the state.

Here are the names of candidates for national offices with the political parties they represented. Table 1 (President): 1980, Democrat (Carter), Independent (Anderson), Republican (Reagan); 1984, Democrat (Mondale), Republican (Reagan); 1988, Democrat (Dukakis), Republican (Bush, George); 1992: Democrat (Clinton), Independent (Perot), Republican (Bush, George); 1996: Democrat (Clinton), Independent (Perot), Republican (Dole); 2000: Democrat (Gore), Republican (Bush, George W.). Table 2: (U.S. House of Representatives): see the Official Canvas Summary or the Iowa Official Register for candidates by county; redistricting changed the counties in the districts of U.S. representatives in 1982 and 1992.

Registration and Voting by Political Party Affiliation in Iowa's Counties: 1982-2000

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The Office of the Secretary of State of Iowa analyzes data from elections. In this section, information is provided on voting by political party. The number registered and the number actually voting are reported; dividing the voters by registrants and multiplying by 100 yields the percentage voting. The elections for which data are included are those in which members were selected for federal office. These always include races for the U.S. House of Representatives. In addition, Iowa contests for the U.S. Senate occurred in 1984, 1986, 1990, 1992, 1996, and 1998. And elections for President took place in 1984, 1988, 1992, 1996, and 2000. The number and level of contests affect voting statistics; presidential elections in particular tend to result in relatively large numbers voting. Another factor that makes comparisons somewhat difficult is that changes have occurred in how registration lists are reviewed. In 1994 and earlier years, a name was removed from a list if no activity (e.g., voting, change of address) occurred in four years. The 1995 National Voter Registration Act changed that; now, a name cannot be removed for failure to vote. If a change of address occurs and is not reported, a person can be placed in an inactive file. That person remains on the list of those registered, however.

Total Registered, Total Voting, and Percentage Voting in Iowa

More than 1,825,000 residents were registered to vote in Iowa in 2000 (Table 1), which was higher than any other year from 1982 through 1998 (Table 2, 1998; Table 3, 1996; comparable information for 1982 through 1994 is reported in the 1997 edition of this book on pages 592-605). The 2000 number was nearly 35,000 higher than the previous record, which occurred in 1998. From 1984 to 1990, registered voters decreased; that trend was reversed in 1992 and the number registered continued to increase through 2000. The number actually voting was highest in 1992, when nearly 1.4 million went to the polls. The 1992 figure was 64,400 higher than the number voting in 2000. Fewer than 1 million residents voted in 1986 and 1998. The percentage of those registered that actually voted in Iowa ranged from 53.7 in 1998 to 86.0 in 1992 (Table 4). At least three of every four eligible to vote went to the polls in 1984, 1988, and 1992, all years including presidential elections. In 2000, which also included a presidential election, 71.6 percent of those registered actually voted.

The numbers of registrations and voters are related to population size of counties; more populous counties have larger numbers registered and voting (Tables 1-3). Higher percentages of those registered frequently vote in less populous counties, however (Table 4).

Registration and Voting by Party Affiliation

Registered Democrats outnumbered registered Republicans from 1982 through 1992, although this reversed for 1994 through 1998. Those claiming membership in another party or in no party have been substantial throughout the period; they were greater in number than Republicans (but not Democrats) from 1982 through 1986 and greater than Democrats (but not Republicans) in 1996. In 1998, those with another or no party affiliation exceeded both Republicans (by 64,000) and Democrats (by 84,000). Figures for 2000 are not complete for the state because comparisons across years suggested that the numbers provided for registration by political party in Linn County contained inaccurate information that year.

Table 1. Number Registered to Vote, Number That Voted, and Percent That Voted in Iowa's Counties in the November Election by Total and Party Affiliation, 2000.

County	Total			Democratic Party			Republican Party			Other/No Party		
	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted
Adair	5336	4127	77.3	1207	1008	83.5	2406	2112	87.8	1723	1007	58.4
Adams	3117	2121	68.0	903	714	79.1	1072	848	79.1	1142	559	48.9
Allamakee	9168	6484	70.7	1560	1190	76.3	4346	3664	84.3	3262	1630	50.0
Appanoose	8266	5722	69.2	2907	2177	74.9	2757	2166	78.6	2601	1378	53.0
Audubon	4746	3788	79.8	1555	1337	86.0	1680	1508	89.8	1511	943	62.4
Benton	15861	11668	73.6	4144	3379	81.5	4047	3436	84.9	7669	4853	63.3
Black Hawk	75015	54079	72.1	23265	17881	76.9	20026	16851	84.1	31724	19347	61.0
Boone	16590	12161	73.3	6152	5046	82.0	4196	3455	82.3	6240	3658	58.6
Bremer	15926	10898	68.4	3354	2461	73.4	5138	4116	80.1	7434	4321	58.1
Buchanan	13607	9453	69.5	4154	3287	79.1	3617	2987	82.6	5836	3179	54.5
Buena Vista	11363	7918	69.7	2439	1824	74.8	4068	3325	81.7	4856	2769	57.0
Butler	9863	6471	65.6	1691	1180	69.8	4771	3617	75.8	3400	1673	49.2
Calhoun	6969	5041	72.3	1621	1290	79.6	2216	1872	84.5	3132	1879	60.0
Carroll	13523	9491	70.2	5189	4302	82.9	2770	2253	81.3	5563	2936	52.8
Cass	9745	6934	71.2	1804	1346	74.6	4530	3781	83.5	3411	1807	53.0
Cedar	11064	8279	74.8	2682	2164	80.7	3267	2815	86.2	5115	3300	64.5
Cerro Gordo	29437	22163	75.3	9744	8001	82.1	8521	7179	84.3	11171	6983	62.5
Cherokee	8767	6540	74.6	2372	1931	81.4	3520	3018	85.7	2875	1591	55.3
Chickasaw	8986	6790	75.6	3309	2802	84.7	2361	1999	84.7	3316	1989	60.0
Clarke	5927	4154	70.1	1903	1541	81.0	1744	1422	81.5	2280	1191	52.2
Clay	11112	7782	70.0	2346	1758	74.9	4840	3980	82.2	3925	2044	52.1
Clayton	11855	8589	72.5	3492	2785	79.8	3545	2948	83.2	4818	2856	59.3
Clinton	35316	21943	62.1	9489	6469	68.2	9465	7114	75.2	16356	8359	51.1
Crawford	9848	6584	66.9	3150	2364	75.0	2982	2374	79.6	3716	1846	49.7
Dallas	25554	19113	74.8	7249	5938	81.9	8333	7006	84.1	9971	6168	61.9
Davis	4968	3694	74.4	2181	1760	80.7	1348	1094	81.2	1439	840	58.4
Decatur	5127	3702	72.2	1807	1416	78.4	1720	1434	83.4	1600	852	53.3
Delaware	11323	8358	73.8	2414	1943	80.5	4014	3460	86.2	4895	2955	60.4
Des Moines	28880	19309	66.9	13521	10261	75.9	6538	4775	73.0	8821	4273	48.4
Dickinson	11149	8218	73.7	2601	2083	80.1	4009	3351	83.6	4539	2784	61.3
Dubuque	54302	40061	73.8	22557	18389	81.5	11476	9466	82.5	20269	12206	60.2
Emmet	6987	4632	66.3	2251	1676	74.5	1945	1532	78.8	2791	1424	51.0
Fayette	13009	9635	74.1	3162	2511	79.4	4854	4183	86.2	4993	2941	58.9
Floyd	10184	7135	70.1	2986	2302	77.1	2916	2337	80.1	4275	2493	58.3
Franklin	6750	4934	73.1	1280	946	73.9	3389	2943	86.8	2081	1045	50.2
Fremont	5367	3589	66.9	1410	1067	75.7	2008	1601	79.7	1949	921	47.3
Greene	6963	4551	65.4	2064	1566	75.9	2259	1742	77.1	2640	1243	47.1
Grundy	8172	6115	74.8	1224	955	78.0	4166	3565	85.6	2782	1595	57.3
Guthrie	7498	5515	73.6	1981	1608	81.2	2922	2412	82.5	2595	1495	57.6
Hamilton	10661	7624	71.5	2751	2132	77.5	3581	2998	83.7	4329	2494	57.6
Hancock	8012	5382	67.2	1635	1148	70.2	3518	2797	79.5	2859	1437	50.3
Hardin	11906	8424	70.8	3059	2366	77.3	4419	3654	82.7	4428	2404	54.3
Harrison	9679	6443	66.6	2922	2114	72.3	3541	2732	77.2	3216	1597	49.7
Henry	11853	8488	71.6	2710	2105	77.7	4852	4128	85.1	4291	2255	52.6
Howard	6090	4522	74.3	2206	1896	85.9	1495	1267	84.7	2389	1359	56.9
Humboldt	6585	4947	75.1	1429	1186	83.0	2533	2186	86.3	2623	1575	60.0
Ida	5174	3514	67.9	1096	817	74.5	2475	2007	81.1	1603	690	43.0
Iowa	10236	7444	72.7	2315	1857	80.2	3384	2882	85.2	4536	2704	59.6
Jackson	13032	9199	70.6	6376	5128	80.4	2489	2014	80.9	4163	2054	49.3
Jasper	25374	18083	71.3	9910	7715	77.9	7315	5817	79.5	8149	4551	55.8

Table 1. Number Registered to Vote, Number That Voted, and Percent That Voted in Iowa's Counties in the November Election by Total and Party Affiliation, 2000 (continued).

County	Total			Democratic Party			Republican Party			Other/No Party		
	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted
Jefferson	11289	7592	67.3	1890	1288	68.1	5210	4299	82.5	4186	2003	47.8
Johnson	70987	51577	72.7	28042	22465	80.1	13984	10778	77.1	28961	18334	63.3
Jones	12133	9194	75.8	3491	2940	84.2	3580	3089	86.3	5061	3164	62.5
Keokuk	6984	5058	72.4	2392	1847	77.2	2295	1945	84.7	2297	1266	55.1
Kossuth	11610	8940	77.0	4230	3661	86.5	3388	2870	84.7	3992	2409	60.3
Lee	23111	16553	71.6	9079	7140	78.6	4537	3671	80.9	9494	5741	60.5
Linn	124518	91618	73.6	*	*	*	*	*	*	*	*	*
Louisa	6705	4687	69.9	1704	1268	74.4	2566	2156	84.0	2435	1263	51.9
Lucas	5771	4323	74.9	1632	1324	81.1	2167	1856	85.6	1972	1143	58.0
Lyon	7833	5344	68.2	1152	773	67.1	4942	3824	77.4	1737	747	43.0
Madison	9056	6958	76.8	2896	2426	83.8	2967	2521	85.0	3188	2009	63.0
Mahaska	13490	9568	70.9	3157	2399	76.0	5607	4606	82.1	4726	2563	54.2
Marion	20302	14369	70.8	6216	4732	76.1	6870	5582	81.3	7214	4053	56.2
Marshall	25713	17392	67.6	7724	5476	70.9	9371	7393	78.9	8600	4516	52.5
Mills	9215	5871	63.7	1829	1248	68.2	4275	3251	76.0	3109	1371	44.1
Mitchell	7164	5204	72.6	1700	1390	81.8	2587	2197	84.9	2877	1617	56.2
Monona	6690	4579	68.4	2271	1711	75.3	1892	1491	78.8	2527	1377	54.5
Monroe	4977	3662	73.6	2029	1672	82.4	1412	1139	80.7	1536	851	55.4
Montgomery	8640	5390	62.4	1313	803	61.2	4728	3633	76.8	2599	954	36.7
Muscatine	23097	15945	69.0	5266	3687	70.0	9053	7461	82.4	8775	4795	54.6
O'Brien	9919	6865	69.2	1597	1150	72.0	4905	3916	79.8	3417	1799	52.6
Osceola	4306	3066	71.2	681	499	73.3	2512	2014	80.2	1113	553	49.7
Page	10496	7027	66.9	1659	1161	70.0	5035	4106	81.5	3801	1760	46.3
Palo Alto	6507	4853	74.6	2526	2112	83.6	1837	1549	84.3	2144	1192	55.6
Plymouth	15278	10163	66.5	2871	1998	69.6	6726	5412	80.5	5680	2753	48.5
Pocahontas	5603	4155	74.2	1476	1195	81.0	1743	1495	85.8	2384	1465	61.5
Polk	225149	170313	75.6	85215	69211	81.2	68720	57701	84.0	71214	43401	60.9
Pottawattamie	50165	34416	68.6	14265	10430	73.1	18761	14860	79.2	17130	9122	53.3
Poweshiek	12329	8699	70.6	3927	2838	72.3	4135	3438	83.1	4267	2423	56.8
Ringgold	3740	2702	72.2	1140	892	78.2	1620	1343	82.9	980	467	47.7
Sac	8169	4867	59.6	1547	953	61.6	3305	2409	72.9	3317	1505	45.4
Scott	93874	70750	75.4	23574	19275	81.8	27843	24130	86.7	42457	27345	64.4
Shelby	8369	5954	71.1	2471	1885	76.3	3120	2547	81.6	2778	1522	54.8
Sioux	19659	14568	74.1	1639	1198	73.1	13475	10918	81.0	4545	2452	53.9
Story	53364	35039	65.7	14896	10586	71.1	15518	11526	74.3	22944	12927	56.3
Tama	11087	8294	74.8	3088	2504	81.1	3979	3490	87.7	4018	2300	57.2
Taylor	4520	3072	68.0	1064	783	73.6	1992	1613	81.0	1464	676	46.2
Union	7873	5837	74.1	2248	1844	82.0	2894	2457	84.9	2729	1536	56.3
Van Buren	4824	3612	74.9	1138	883	77.6	2294	1962	85.5	1392	767	55.1
Wapello	21708	15150	69.8	10636	8172	76.8	4381	3482	79.5	6690	3496	52.3
Warren	26605	19659	73.9	9064	7317	80.7	7949	6554	82.5	9591	5788	60.3
Washington	12399	9163	73.9	2742	2178	79.4	5011	4255	84.9	4646	2730	58.8
Wayne	4230	3034	71.7	1313	994	75.7	1557	1268	81.4	1360	772	56.8
Webster	25051	17035	68.0	9171	6886	75.1	6486	5073	78.2	9393	5076	54.0
Winnebago	7497	5440	72.6	1722	1351	78.5	2510	2070	82.5	3265	2019	61.8
Winneshiek	13506	9426	69.8	3024	2256	74.6	4923	4033	81.9	5557	3136	56.4
Woodbury	59501	37350	62.8	17994	11874	66.0	18907	14004	74.1	22496	11471	51.0
Worth	5185	4009	77.3	1409	1151	81.7	1989	1765	88.7	1787	1093	61.2
Wright	9019	6378	70.7	1969	1450	73.6	3969	3295	83.0	3081	1633	53.0
State of Iowa	1825459	1306531	71.6	*	*	*	*	*	*	*	*	*

*In Linn County, comparisons across years suggested that the numbers provided for registration by political party contained inaccurate information in 2000; because of this, percentages for the state are not reported for that year.

Table 2. Number Registered to Vote, Number That Voted, and Percent That Voted in Iowa's Counties in the November Election by Total and Party Affiliation, 1998.

County	Total			Democratic Party			Republican Party			Other/No Party		
	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted
Adair	5416	3464	64.0	1410	1003	71.1	2187	1737	79.4	1819	724	39.8
Adams	3133	1733	55.3	943	612	64.9	1133	812	71.7	1057	309	29.2
Allamakee	8792	4757	54.1	1591	945	59.4	4415	3101	70.2	2786	711	25.5
Appanoose	8433	4134	49.0	3165	1699	53.7	2778	1693	60.9	2490	742	29.8
Audubon	4759	2680	56.3	1757	1117	63.6	1417	991	69.9	1585	572	36.1
Benton	15679	8743	55.8	4285	2771	64.7	4119	2973	72.2	7275	2999	41.2
Black Hawk	73380	39246	53.5	23710	14364	60.6	20466	14327	70.0	29204	10555	36.1
Boone	16820	8880	52.8	6229	3842	61.7	4406	2978	67.6	6185	2060	33.3
Bremer	15487	8294	53.6	3315	1969	59.4	5258	3722	70.8	6914	2603	37.6
Buchanan	12914	7370	57.1	4237	2867	67.7	3287	2405	73.2	5390	2098	38.9
Buena Vista	11453	5711	49.9	2561	1402	54.7	4185	2791	66.7	4707	1518	32.2
Butler	9734	5013	51.5	1648	899	54.6	4954	3280	66.2	3132	834	26.6
Calhoun	6813	3962	58.2	1637	1043	63.7	2264	1686	74.5	2912	1233	42.3
Carroll	13470	7341	54.5	5275	3605	68.3	2850	1914	67.2	5345	1822	34.1
Cass	10125	5072	50.1	1930	961	49.8	4904	3211	65.5	3291	900	27.3
Cedar	11213	6146	54.8	2724	1711	62.8	3503	2487	71.0	4986	1948	39.1
Cerro Gordo	28701	16304	56.8	9292	5904	63.5	8532	6078	71.2	10877	4322	39.7
Cherokee	9000	4761	52.9	2516	1564	62.2	3315	2273	68.6	3169	924	29.2
Chickasaw	8762	5620	64.1	3235	2462	76.1	2419	1887	78.0	3108	1271	40.9
Clarke	5985	3547	59.3	1921	1326	69.0	1843	1310	71.1	2221	911	41.0
Clay	10959	6134	56.0	2467	1423	57.7	4392	3211	73.1	4100	1500	36.6
Clayton	11940	6816	57.1	3476	2314	66.6	3648	2612	71.6	4816	1890	39.2
Clinton	33907	16077	47.4	9302	4891	52.6	9683	6351	65.6	14922	4835	32.4
Crawford	10189	5391	52.9	3102	1925	62.1	3273	2307	70.5	3814	1159	30.4
Dallas	23723	13710	57.8	7153	4882	68.3	7622	5266	69.1	8948	3562	39.8
Davis	5038	2984	59.2	2357	1583	67.2	1342	912	68.0	1339	489	36.5
Decatur	5176	3018	58.3	1926	1282	66.6	1718	1249	72.7	1532	487	31.8
Delaware	11269	6203	55.0	2554	1585	62.1	3838	2759	71.9	4877	1859	38.1
Des Moines	27566	13575	49.2	12330	7219	58.5	6558	3901	59.5	8678	2455	28.3
Dickinson	11206	6137	54.8	2779	1747	62.9	3867	2626	67.9	4560	1764	38.7
Dubuque	52835	27790	52.6	23049	14333	62.2	11244	7303	65.0	18542	6154	33.2
Emmet	6930	3543	51.1	2306	1349	58.5	2043	1367	66.9	2581	827	32.0
Fayette	13292	7921	59.6	3449	2279	66.1	4651	3520	75.7	5192	2122	40.9
Floyd	10526	6106	58.0	3114	2039	65.5	3105	2232	71.9	4307	1835	42.6
Franklin	6876	3896	56.7	1489	863	58.0	3133	2292	73.2	2254	741	32.9
Fremont	5521	2653	48.1	1421	751	52.9	2161	1477	68.3	1939	425	21.9
Greene	6971	3937	56.5	2069	1322	63.9	2528	1785	70.6	2374	830	35.0
Grundy	7870	4791	60.9	1275	836	65.6	3949	2915	73.8	2646	1040	39.3
Guthrie	7547	4367	57.9	2053	1350	65.8	3053	2149	70.4	2441	868	35.6
Hamilton	10327	5801	56.2	2840	1738	61.2	3479	2541	73.0	4008	1522	38.0
Hancock	7793	4190	53.8	1691	959	56.7	3572	2461	68.9	2530	770	30.4
Hardin	12702	6839	53.8	3333	2036	61.1	4714	3259	69.1	4655	1544	33.2
Harrison	9720	4451	45.8	3025	1598	52.8	3529	2051	58.1	3166	802	25.3
Henry	12466	7172	57.5	3360	2298	68.4	4587	3210	70.0	4519	1664	36.8
Howard	6221	3754	60.3	2210	1628	73.7	1671	1268	75.9	2340	858	36.7
Humboldt	6728	3880	57.7	1537	999	65.0	2645	1988	75.2	2546	893	35.1
Ida	5484	3187	58.1	1147	717	62.5	2704	1978	73.2	1633	492	30.1
Iowa	10198	5880	57.7	2445	1658	67.8	3485	2557	73.4	4268	1665	39.0
Jackson	12942	6639	51.3	6172	3784	61.3	2673	1753	65.6	4097	1102	26.9
Jasper	23935	13940	58.2	9163	6048	66.0	7234	5010	69.3	7538	2882	38.2

Table 2. Number Registered to Vote, Number That Voted, and Percent That Voted in Iowa's Counties in the November Election by Total and Party Affiliation, 1998 (continued).

County	Total			Democratic Party			Republican Party			Other/No Party		
	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted
Jefferson	11220	6340	56.5	2012	1207	60.0	4957	3737	75.4	4251	1396	32.8
Johnson	63621	33802	53.1	25855	16848	65.2	12971	7970	61.4	24795	8984	36.2
Jones	12365	7003	56.6	3673	2390	65.1	3761	2746	73.0	4931	1867	37.9
Keokuk	7047	4098	58.2	2657	1736	65.3	2234	1623	72.6	2156	739	34.3
Kossuth	12049	6829	56.7	4330	2933	67.7	3690	2535	68.7	4029	1361	33.8
Lee	24294	11700	48.2	9667	5526	57.2	4876	2989	61.3	9751	3185	32.7
Linn	115032	65373	56.8	33746	22164	65.7	30772	22289	72.4	50514	20920	41.4
Louisa	6824	3444	50.5	1761	957	54.3	2694	1847	68.6	2369	640	27.0
Lucas	5354	3120	58.3	1617	1032	63.8	2063	1512	73.3	1674	576	34.4
Lyon	8114	4091	50.4	1189	562	47.3	5191	3189	61.4	1734	340	19.6
Madison	8944	5363	60.0	3033	2110	69.6	2973	2165	72.8	2938	1088	37.0
Mahaska	13527	7087	52.4	3244	1856	57.2	5774	3934	68.1	4509	1297	28.8
Marion	20226	10313	51.0	6432	3741	58.2	6717	4421	65.8	7077	2151	30.4
Marshall	25250	14204	56.3	8067	4896	60.7	8849	6279	71.0	8334	3029	36.3
Mills	9467	3847	40.6	1977	788	39.9	4588	2576	56.1	2902	483	16.6
Mitchell	7168	4347	60.6	1784	1264	70.9	2510	1928	76.8	2874	1155	40.2
Monona	6743	3695	54.8	2360	1553	65.8	1885	1239	65.7	2498	903	36.1
Monroe	5353	2879	53.8	2302	1501	65.2	1434	915	63.8	1617	463	28.6
Montgomery	8364	4112	49.2	1372	652	47.5	4297	2815	65.5	2695	645	23.9
Muscatine	23554	10756	45.7	5379	2406	44.7	9178	5898	64.3	8997	2452	27.3
O'Brien	9706	4840	49.9	1622	822	50.7	4985	3170	63.6	3099	848	27.4
Osceola	4557	2253	49.4	760	379	49.9	2655	1675	63.1	1142	199	17.4
Page	10708	5458	51.0	1701	827	48.6	5370	3723	69.3	3637	908	25.0
Palo Alto	6586	3834	58.2	2644	1807	68.3	1846	1328	71.9	2096	699	33.3
Plymouth	15160	7053	46.5	2977	1481	49.7	6712	4302	64.1	5471	1270	23.2
Pocahontas	5875	3002	51.1	1617	939	58.1	1794	1235	68.8	2464	828	33.6
Polk	223801	126057	56.3	89106	56147	63.0	71514	49149	68.7	63181	20761	32.9
Pottawattamie	46026	21588	46.9	13337	6649	49.9	17751	11091	62.5	14938	3848	25.8
Poweshiek	11722	6489	55.4	3755	2256	60.1	3838	2675	69.7	4129	1558	37.7
Ringgold	3706	2324	62.7	1192	833	69.9	1604	1195	74.5	910	296	32.5
Sac	7773	4132	53.2	1523	847	55.6	3283	2323	70.8	2967	962	32.4
Scott	94700	47689	50.4	24843	13622	54.8	29746	20520	69.0	40111	13547	33.8
Shelby	8817	4587	52.0	2898	1759	60.7	2905	1928	66.4	3014	900	29.9
Sioux	19651	10090	51.3	1753	803	45.8	13439	8243	61.3	4459	1044	23.4
Story	48827	24566	50.3	14054	8470	60.3	14450	9073	62.8	20323	7023	34.6
Tama	11132	6437	57.8	3559	2368	66.5	3376	2537	75.1	4197	1532	36.5
Taylor	4698	2515	53.5	1158	700	60.4	2081	1409	67.7	1459	406	27.8
Union	8208	4796	58.4	2362	1576	66.7	2896	2101	72.5	2950	1119	37.9
Van Buren	4916	2926	59.5	1242	791	63.7	2298	1672	72.8	1376	463	33.6
Wapello	22703	12008	52.9	11431	7066	61.8	4573	2940	64.3	6699	2002	29.9
Warren	26061	14534	55.8	9176	5900	64.3	7892	5432	68.8	8993	3202	35.6
Washington	12414	7003	56.4	2836	1827	64.4	5156	3624	70.3	4422	1552	35.1
Wayne	4579	2510	54.8	1495	898	60.1	1660	1160	69.9	1424	452	31.7
Webster	24547	12822	52.2	9248	5546	60.0	6393	4276	66.9	8906	3000	33.7
Winnebago	7716	4187	54.3	1845	1153	62.5	2653	1849	69.7	3218	1185	36.8
Winneshiek	13353	6828	51.1	3090	1797	58.2	5045	3403	67.5	5218	1628	31.2
Woodbury	55835	26716	47.8	17107	8784	51.3	18450	11387	61.7	20278	6545	32.3
Worth	5217	3265	62.6	1477	992	67.2	1991	1548	77.7	1749	725	41.5
Wright	9122	4814	52.8	2162	1195	55.3	3799	2632	69.3	3161	987	31.2
State of Iowa	1790572	961258	53.7	562380	343846	61.1	581894	396154	68.1	646298	221258	34.2

Table 3. Number Registered to Vote, Number That Voted, and Percent That Voted in Iowa's Counties in the November Election by Total and Party Affiliation, 1996.

County	Total			Democratic Party			Republican Party			Other/No Party		
	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted
Adair	5243	3982	75.9	1419	1157	81.5	2209	1910	86.5	1615	915	56.7
Adams	3029	2320	76.6	980	821	83.8	1140	970	85.1	909	529	58.2
Allamakee	8539	5832	68.3	1621	1173	72.4	4332	3471	80.1	2586	1188	45.9
Appanoose	8048	5646	70.2	3109	2274	73.1	2726	2154	79.0	2213	1218	55.0
Audubon	4621	3464	75.0	1831	1452	79.3	1416	1181	83.4	1374	831	60.5
Benton	14479	10366	71.6	4294	3314	77.2	3983	3266	82.0	6202	3786	61.0
Black Hawk	76117	52951	69.6	25633	18800	73.3	22638	18222	80.5	27846	15929	57.2
Boone	15803	11654	73.7	6306	5129	81.3	4370	3551	81.3	5127	2974	58.0
Bremer	14522	10158	69.9	3269	2440	74.6	4961	3976	80.1	6292	3742	59.5
Buchanan	12338	9084	73.6	4120	3340	81.1	3263	2732	83.7	4955	3012	60.8
Buena Vista	12255	7966	65.0	2908	1988	68.4	4646	3572	76.9	4701	2406	51.2
Butler	9304	6713	72.2	1641	1186	72.3	4963	4097	82.6	2700	1430	53.0
Calhoun	6725	4818	71.6	1709	1302	76.2	2133	1733	81.2	2883	1783	61.8
Carroll	12782	8772	68.6	5466	4238	77.5	2793	2179	78.0	4523	2355	52.1
Cass	9692	6947	71.7	1936	1462	75.5	4921	4002	81.3	2835	1483	52.3
Cedar	10639	7674	72.1	2677	2081	77.7	3439	2839	82.6	4523	2754	60.9
Cerro Gordo	28827	21327	74.0	9807	7674	78.3	8890	7377	83.0	10130	6276	62.0
Cherokee	8682	6391	73.6	2421	1957	80.8	3392	2856	84.2	2869	1578	55.0
Chickasaw	8457	6332	74.9	3222	2695	83.6	2347	1956	83.3	2888	1681	58.2
Clarke	5575	3925	70.4	1902	1462	76.9	1856	1483	79.9	1817	980	53.9
Clay	10524	7657	72.8	2415	1839	76.1	4286	3650	85.2	3823	2168	56.7
Clayton	11692	8223	70.3	3471	2687	77.4	3651	2921	80.0	4570	2615	57.2
Clinton	32441	21230	65.4	9311	6278	67.4	10096	7874	78.0	13034	7078	54.3
Crawford	9727	6761	69.5	3245	2521	77.7	3031	2439	80.5	3451	1801	52.2
Dallas	21251	15946	75.0	6992	5616	80.3	6980	5825	83.5	7279	4505	61.9
Davis	4962	3809	76.8	2364	1936	81.9	1371	1126	82.1	1227	747	60.9
Decatur	5085	3620	71.2	2096	1642	78.3	1595	1299	81.4	1394	679	48.7
Delaware	10556	7527	71.3	2536	1931	76.1	3650	3015	82.6	4370	2581	59.1
Des Moines	26228	18105	69.0	11854	9018	76.1	6550	4951	75.6	7824	4136	52.9
Dickinson	10485	7717	73.6	2742	2199	80.2	3809	3120	81.9	3934	2398	61.0
Dubuque	52858	37864	71.6	23997	18685	77.9	11846	9404	79.4	17015	9775	57.4
Emmet	6632	4447	67.1	2291	1672	73.0	2114	1654	78.2	2227	1121	50.3
Fayette	13148	9743	74.1	3669	2907	79.2	4646	3933	84.7	4833	2903	60.1
Floyd	9871	6713	68.0	3022	2226	73.7	3075	2370	77.1	3774	2117	56.1
Franklin	6516	4791	73.5	1442	1091	75.7	3171	2678	84.5	1903	1022	53.7
Fremont	5291	3631	68.6	1487	1140	76.7	2023	1645	81.3	1781	846	47.5
Greene	6760	4422	65.4	1950	1366	70.1	2714	2051	75.6	2096	1005	47.9
Grundy	7815	5693	72.8	1322	1014	76.7	4020	3284	81.7	2473	1395	56.4
Guthrie	7190	5076	70.6	2102	1599	76.1	2981	2359	79.1	2107	1118	53.1
Hamilton	9748	7090	72.7	2835	2123	74.9	3541	2943	83.1	3372	2024	60.0
Hancock	7388	5283	71.5	1684	1247	74.0	3458	2855	82.6	2246	1181	52.6
Hardin	12074	8414	69.7	3274	2413	73.7	4736	3799	80.2	4064	2202	54.2
Harrison	9321	6390	68.6	3079	2333	75.8	3482	2649	76.1	2760	1408	51.0
Henry	11650	8275	71.0	2475	1802	72.8	5004	4184	83.6	4171	2289	54.9
Howard	5908	4457	75.4	1989	1639	82.4	1712	1452	84.8	2207	1366	61.9
Humboldt	6453	4952	76.7	1517	1270	83.7	2615	2247	85.9	2321	1435	61.8
Ida	5242	3772	72.0	1166	883	75.7	2670	2218	83.1	1406	671	47.7
Iowa	9500	7074	74.5	2385	1931	81.0	3478	2934	84.4	3637	2209	60.7
Jackson	12184	8764	71.9	6013	4788	79.6	2734	2230	81.6	3437	1746	50.8
Jasper	22520	16775	74.5	8834	7100	80.4	6939	5733	82.6	6747	3942	58.4

Table 3. Number Registered to Vote, Number That Voted, and Percent That Voted in Iowa's Counties in the November Election by Total and Party Affiliation, 1996 (continued).

County	Total			Democratic Party			Republican Party			Other/No Party		
	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted	Registered	Voted	Percent Voted
Jefferson	10705	7303	68.2	1906	1286	67.5	5044	4254	84.3	3755	1763	47.0
Johnson	64255	45327	70.5	26759	20592	77.0	14273	10629	74.5	23223	14106	60.7
Jones	11797	8645	73.3	3793	3017	79.5	3682	3084	83.8	4322	2544	58.9
Keokuk	7136	5188	72.7	2769	2177	78.6	2287	1863	81.5	2080	1148	55.2
Kossuth	11386	8622	75.7	4272	3510	82.2	3704	3106	83.9	3410	2006	58.8
Lee	23021	15727	68.3	9266	6811	73.5	4971	3922	78.9	8784	4994	56.9
Linn	111348	82248	73.9	34629	27298	78.8	30840	25629	83.1	45879	29321	63.9
Louisa	6341	4233	66.8	1550	1042	67.2	2786	2191	78.6	2005	1000	49.9
Lucas	5647	4205	74.5	1771	1400	79.1	2188	1855	84.8	1688	950	56.3
Lyon	7587	5353	70.6	1111	791	71.2	4986	3947	79.2	1490	615	41.3
Madison	8315	6321	76.0	2874	2332	81.1	2935	2490	84.8	2506	1499	59.8
Mahaska	12618	9029	71.6	3248	2410	74.2	5585	4573	81.9	3785	2046	54.1
Marion	18859	13217	70.1	6499	4906	75.5	6354	5130	80.7	6006	3181	53.0
Marshall	24700	17257	69.9	8105	5922	73.1	8987	7133	79.4	7608	4202	55.2
Mills	8564	5840	68.2	1747	1192	68.2	4526	3595	79.4	2291	1053	46.0
Mitchell	6862	5114	74.5	1753	1425	81.3	2539	2144	84.4	2570	1545	60.1
Monona	6167	4278	69.4	2125	1590	74.8	1768	1396	79.0	2274	1292	56.8
Monroe	4872	3563	73.1	2110	1667	79.0	1511	1230	81.4	1251	666	53.2
Montgomery	7803	5227	67.0	1317	897	68.1	4312	3309	76.7	2174	1021	47.0
Muscatine	22201	15087	68.0	5087	3369	66.2	9228	7518	81.5	7886	4200	53.3
O'Brien	9476	6670	70.4	1683	1196	71.1	4938	3906	79.1	2855	1568	54.9
Osceola	4338	3090	71.2	794	585	73.7	2540	2047	80.6	1004	458	45.6
Page	9993	7086	70.9	1634	1159	70.9	5149	4264	82.8	3210	1663	51.8
Palo Alto	6411	4719	73.6	2696	2164	80.3	1890	1575	83.3	1825	980	53.7
Plymouth	14012	9870	70.4	2760	1975	71.6	6679	5526	82.7	4573	2369	51.8
Pocahontas	5705	4245	74.4	1611	1288	80.0	1857	1573	84.7	2237	1384	61.9
Polk	210213	155640	74.0	86071	66910	77.7	71195	59005	82.9	52947	29725	56.1
Pottawattamie	49228	32776	66.6	14909	10256	68.8	18894	14471	76.6	15425	8049	52.2
Poweshiek	11267	8189	72.7	3773	2871	76.1	3844	3197	83.2	3650	2121	58.1
Ringgold	3613	2829	78.3	1178	1000	84.9	1614	1392	86.2	821	437	53.2
Sac	7316	4986	68.2	1469	1040	70.8	3204	2587	80.7	2643	1359	51.4
Scott	89036	66399	74.6	25782	19855	77.0	29747	24957	83.9	33507	21587	64.4
Shelby	8684	5966	68.7	3003	2327	77.5	2922	2267	77.6	2759	1372	49.7
Sioux	18616	14032	75.4	1711	1222	71.4	12984	10675	82.2	3921	2135	54.5
Story	50740	32461	64.0	15290	10485	68.6	16189	11627	71.8	19261	10349	53.7
Tama	10737	7687	71.6	3589	2794	77.8	3479	2905	83.5	3669	1988	54.2
Taylor	4486	3336	74.4	1114	862	77.4	2168	1866	86.1	1204	608	50.5
Union	7795	5678	72.8	2342	1851	79.0	2924	2394	81.9	2529	1433	56.7
Van Buren	4643	3420	73.7	1120	831	74.2	2389	2006	84.0	1134	583	51.4
Wapello	22005	14793	67.2	11278	8275	73.4	4471	3490	78.1	6256	3028	48.4
Warren	24509	17603	71.8	9063	7037	77.6	7755	6246	80.5	7691	4320	56.2
Washington	11717	8221	70.2	2510	1831	72.9	5238	4289	81.9	3969	2101	52.9
Wayne	4428	3322	75.0	1529	1202	78.6	1646	1419	86.2	1253	701	55.9
Webster	23866	16321	68.4	9356	6966	74.5	6532	5137	78.6	7978	4218	52.9
Winnebago	7533	5476	72.7	1744	1354	77.6	2678	2190	81.8	3111	1932	62.1
Winneshiek	12599	8857	70.3	2952	2193	74.3	5150	4180	81.2	4497	2484	55.2
Woodbury	52996	37185	70.2	16532	11908	72.0	18256	14729	80.7	18208	10548	57.9
Worth	5096	4012	78.7	1527	1256	82.3	2018	1764	87.4	1551	992	64.0
Wright	8444	6065	71.8	2012	1493	74.2	3845	3176	82.6	2587	1396	54.0
State of Iowa	1726383	1233261	71.4	563553	428661	76.1	587097	476227	81.1	575733	328373	57.0

Table 4. Percent of Those Registered That Voted by Party Affiliation In Iowa's Counties in the November Elections of 1982-2000.

County	2000				1998				1996				1994				1992			
	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other
Adair	77.3	83.5	87.8	58.4	64.0	71.1	79.4	39.8	75.9	81.5	86.5	56.7	76.8	79.0	86.9	56.6	88.0	89.0	90.9	81.8
Adams	68.0	79.1	79.1	48.9	55.3	64.9	71.7	29.2	76.6	83.8	85.1	58.2	77.7	79.8	86.3	60.1	89.4	90.7	90.9	85.5
Allamakee	70.7	76.3	84.3	50.0	54.1	59.4	70.2	25.5	68.3	72.4	80.1	45.9	64.8	64.9	78.3	39.1	83.6	86.9	89.9	71.0
Appanoose	69.2	74.9	78.6	53.0	49.0	53.7	60.9	29.8	70.2	73.1	79.0	55.0	62.9	64.0	74.0	44.0	86.0	87.6	88.0	80.1
Audubon	79.8	86.0	89.8	62.4	56.3	63.6	69.9	36.1	75.0	79.3	83.4	60.5	67.2	68.9	80.0	48.4	87.6	88.1	91.2	82.1
Benton	73.6	81.5	84.9	63.3	55.8	64.7	72.2	41.2	71.6	77.2	82.0	61.0	65.6	68.0	78.8	53.9	87.1	90.1	90.4	82.4
Black Hawk	72.1	76.9	84.1	61.0	53.5	60.6	70.0	36.1	69.6	73.3	80.5	57.2	61.0	62.7	74.7	45.3	86.0	87.4	88.5	82.2
Boone	73.3	82.0	82.3	58.6	52.8	61.7	67.6	33.3	73.7	81.3	81.3	58.0	67.9	71.9	79.5	50.2	85.3	88.3	87.2	79.6
Bremer	68.4	73.4	80.1	58.1	53.6	59.4	70.8	37.6	69.9	74.6	80.1	59.5	61.5	63.8	74.2	48.3	83.6	86.5	86.8	79.4
Buchanan	69.5	79.1	82.6	54.5	57.1	67.7	73.2	38.9	73.6	81.1	83.7	60.8	63.5	68.7	75.5	48.3	86.2	89.9	89.1	80.0
Buena Vista	69.7	74.8	81.7	57.0	49.9	54.7	66.7	32.2	65.0	68.4	76.9	51.2	60.0	61.7	74.6	41.5	81.9	83.2	86.6	76.1
Butler	65.6	69.8	75.8	49.2	51.5	54.6	66.2	26.6	72.2	72.3	82.6	53.0	61.5	62.0	72.7	39.3	82.9	86.8	85.9	74.2
Calhoun	72.3	79.6	84.5	60.0	58.2	63.7	74.5	42.3	71.6	76.2	81.2	61.8	68.7	69.7	79.6	57.6	86.4	88.4	89.5	82.3
Carroll	70.2	82.9	81.3	52.8	54.5	68.3	67.2	34.1	68.6	77.5	78.0	52.1	67.9	77.1	75.1	46.4	85.8	89.1	86.2	79.5
Cass	71.2	74.6	83.5	53.0	50.1	49.8	65.5	27.3	71.7	75.5	81.3	52.3	64.4	63.1	75.0	40.8	84.8	85.3	88.3	75.8
Cedar	74.8	80.7	86.2	64.5	54.8	62.8	71.0	39.1	72.1	77.7	82.6	60.9	66.4	69.7	78.2	53.2	86.6	88.5	89.3	82.7
Cerro Gordo	75.3	82.1	84.3	62.5	56.8	63.5	71.2	39.7	74.0	78.3	83.0	62.0	60.4	62.3	74.6	43.8	83.4	85.5	87.3	77.9
Cherokee	74.6	81.4	85.7	55.3	52.9	62.2	68.6	29.2	73.6	80.8	84.2	55.0	64.9	67.5	77.2	41.6	90.5	92.7	92.9	85.0
Chickasaw	75.6	84.7	84.7	60.0	64.1	76.1	78.0	40.9	74.9	83.6	83.3	58.2	74.3	80.6	84.4	57.6	85.5	90.2	88.5	77.0
Clarke	70.1	81.0	81.5	52.2	59.3	69.0	71.1	41.0	70.4	76.9	79.9	53.9	63.4	70.0	77.7	38.7	85.0	88.7	87.8	76.3
Clay	70.0	74.9	82.2	52.1	56.0	57.7	73.1	36.6	72.8	76.1	85.2	56.7	64.5	66.1	79.3	43.4	86.1	87.4	90.1	80.6
Clayton	72.5	79.8	83.2	59.3	57.1	66.6	71.6	39.2	70.3	77.4	80.0	57.2	67.7	73.5	79.5	51.2	84.7	88.1	88.7	78.2
Clinton	62.1	68.2	75.2	51.1	47.4	52.6	65.6	32.4	65.4	67.4	78.0	54.3	56.5	57.2	72.9	40.1	81.3	83.0	86.1	75.9
Crawford	66.9	75.0	79.6	49.7	52.9	62.1	70.5	30.4	69.5	77.7	80.5	52.2	65.8	73.2	77.5	44.2	84.5	89.6	87.9	75.9
Dallas	74.8	81.9	84.1	61.9	57.8	68.3	69.1	39.8	75.0	80.3	83.5	61.9	70.5	73.6	79.9	54.4	86.1	88.2	88.1	81.2
Davis	74.4	80.7	81.2	58.4	59.2	67.2	68.0	36.5	76.8	81.9	82.1	60.9	70.6	74.3	78.9	51.0	85.7	88.1	87.9	76.5
Decatur	72.2	78.4	83.4	53.3	58.3	66.6	72.7	31.8	71.2	78.3	81.4	48.7	65.3	69.1	76.4	42.4	85.3	88.0	89.3	75.2
Delaware	73.8	80.5	86.2	60.4	55.0	62.1	71.9	38.1	71.3	76.1	82.6	59.1	67.6	69.2	80.8	52.9	85.3	86.7	88.4	81.4
Des Moines	66.9	75.9	73.0	48.4	49.2	58.5	59.5	28.3	69.0	76.1	75.6	52.9	57.1	61.3	71.1	38.3	86.9	89.8	89.5	80.9
Dickinson	73.7	80.1	83.6	61.3	54.8	62.9	67.9	38.7	73.6	80.2	81.9	61.0	63.1	63.7	77.4	46.7	87.9	89.4	90.8	84.1
Dubuque	73.8	81.5	82.5	60.2	52.6	62.2	65.0	33.2	71.6	77.9	79.4	57.4	60.0	65.6	70.1	41.6	89.1	91.5	89.6	84.4
Emmet	66.3	74.5	78.8	51.0	51.1	58.5	66.9	32.0	67.1	73.0	78.2	50.3	64.3	68.6	77.3	42.5	86.0	89.3	88.1	78.4
Fayette	74.1	79.4	86.2	58.9	59.6	66.1	75.7	40.9	74.1	79.2	84.7	60.1	69.3	72.5	81.3	52.7	84.8	87.3	88.4	78.7

Table 4. Percent of Those Registered That Voted by Party Affiliation In Iowa's Counties in the November Elections of 1982-2000 (continued).

County	2000				1998				1996				1994				1992			
	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other
Floyd	70.1	77.1	80.1	58.3	58.0	65.5	71.9	42.6	68.0	73.7	77.1	56.1	63.2	67.0	75.8	46.9	82.4	85.4	85.0	77.1
Franklin	73.1	73.9	86.8	50.2	56.7	58.0	73.2	32.9	73.5	75.7	84.5	53.7	70.4	67.7	81.9	48.4	86.9	88.6	89.7	80.1
Fremont	66.9	75.7	79.7	47.3	48.1	52.9	68.3	21.9	68.6	76.7	81.3	47.5	60.0	62.3	75.9	34.4	82.6	86.8	88.2	69.8
Greene	65.4	75.9	77.1	47.1	56.5	63.9	70.6	35.0	65.4	70.1	75.6	47.9	69.0	72.2	80.6	50.2	87.2	90.1	90.1	80.0
Grundy	74.8	78.0	85.6	57.3	60.9	65.6	73.8	39.3	72.8	76.7	81.7	56.4	66.5	65.7	76.2	46.0	88.0	88.6	90.5	82.4
Guthrie	73.6	81.2	82.5	57.6	57.9	65.8	70.4	35.6	70.6	76.1	79.1	53.1	67.4	69.5	79.5	45.2	84.1	86.9	89.2	73.2
Hamilton	71.5	77.5	83.7	57.6	56.2	61.2	73.0	38.0	72.7	74.9	83.1	60.0	67.6	68.6	80.3	50.2	87.9	89.0	89.3	85.2
Hancock	67.2	70.2	79.5	50.3	53.8	56.7	68.9	30.4	71.5	74.0	82.6	52.6	68.3	66.7	80.4	47.3	85.3	85.0	89.7	79.3
Hardin	70.8	77.3	82.7	54.3	53.8	61.1	69.1	33.2	69.7	73.7	80.2	54.2	68.0	69.5	79.2	49.4	83.4	85.9	87.0	76.5
Harrison	66.6	72.3	77.2	49.7	45.8	52.8	58.1	25.3	68.6	75.8	76.1	51.0	64.7	69.9	73.0	44.2	84.7	88.7	87.5	75.9
Henry	71.6	77.7	85.1	52.6	57.5	68.4	70.0	36.8	71.0	72.8	83.6	54.9	61.4	61.2	76.5	42.9	82.6	85.5	89.1	72.4
Howard	74.3	85.9	84.7	56.9	60.3	73.7	75.9	36.7	75.4	82.4	84.8	61.9	70.0	77.5	79.7	51.1	87.8	91.6	89.9	81.4
Humboldt	75.1	83.0	86.3	60.0	57.7	65.0	75.2	35.1	76.7	83.7	85.9	61.8	70.3	72.4	82.1	51.6	89.8	92.1	92.6	84.8
Ida	67.9	74.5	81.1	43.0	58.1	62.5	73.2	30.1	72.0	75.7	83.1	47.7	59.6	62.6	71.4	33.7	86.2	88.8	89.4	78.7
Iowa	72.7	80.2	85.2	59.6	57.7	67.8	73.4	39.0	74.5	81.0	84.4	60.7	66.6	71.3	77.3	50.6	86.7	89.8	90.6	80.4
Jackson	70.6	80.4	80.9	49.3	51.3	61.3	65.6	26.9	71.9	79.6	81.6	50.8	62.1	65.1	79.2	40.8	86.1	89.8	88.9	78.0
Jasper	71.3	77.9	79.5	55.8	58.2	66.0	69.3	38.2	74.5	80.4	82.6	58.4	70.0	72.2	79.7	54.2	86.0	88.4	88.5	79.9
Jefferson	67.3	68.1	82.5	47.8	56.5	60.0	75.4	32.8	68.2	67.5	84.3	47.0	57.1	59.6	75.0	41.7	85.3	88.0	90.6	79.7
Johnson	72.7	80.1	77.1	63.3	53.1	65.2	61.4	36.2	70.5	77.0	74.5	60.7	55.1	62.2	62.8	39.7	89.3	92.0	88.9	85.8
Jones	75.8	84.2	86.3	62.5	56.6	65.1	73.0	37.9	73.3	79.5	83.8	58.9	68.3	70.9	81.9	50.7	87.2	89.9	90.9	80.1
Keokuk	72.4	77.2	84.7	55.1	58.2	65.3	72.6	34.3	72.7	78.6	81.5	55.2	71.4	74.6	82.7	51.7	85.6	88.6	89.4	76.7
Kossuth	77.0	86.5	84.7	60.3	56.7	67.7	68.7	33.8	75.7	82.2	83.9	58.8	71.4	77.2	79.6	51.6	87.9	91.5	89.1	81.5
Lee	71.6	78.6	80.9	60.5	48.2	57.2	61.3	32.7	68.3	73.5	78.9	56.9	55.9	60.3	71.5	41.0	82.7	84.8	85.3	78.6
Linn	73.6	*	*	*	56.8	65.7	72.4	41.4	73.9	78.8	83.1	63.9	60.5	63.2	73.0	47.9	90.0	90.9	91.4	88.1
Louisa	69.9	74.4	84.0	51.9	50.5	54.3	68.6	27.0	66.8	67.2	78.6	49.9	56.4	53.5	72.2	32.1	83.0	83.0	86.7	76.3
Lucas	74.9	81.1	85.6	58.0	58.3	63.8	73.3	34.4	74.5	79.1	84.8	56.3	67.8	71.4	79.7	46.2	86.4	89.3	89.6	77.9
Lyon	68.2	67.1	77.4	43.0	50.4	47.3	61.4	19.6	70.6	71.2	79.2	41.3	54.7	55.1	63.3	22.6	81.9	84.2	87.0	62.5
Madison	76.8	83.8	85.0	63.0	60.0	69.6	72.8	37.0	76.0	81.1	84.8	59.8	69.9	72.3	81.6	49.7	86.0	88.0	88.4	80.1
Mahaska	70.9	76.0	82.1	54.2	52.4	57.2	68.1	28.8	71.6	74.2	81.9	54.1	61.2	60.5	73.9	37.8	87.2	89.7	89.7	80.1
Marion	70.8	76.1	81.3	56.2	51.0	58.2	65.8	30.4	70.1	75.5	80.7	53.0	61.6	63.2	74.9	42.3	81.5	82.7	85.2	76.0
Marshall	67.6	70.9	78.9	52.5	56.3	60.7	71.0	36.3	69.9	73.1	79.4	55.2	67.2	68.2	79.0	49.9	81.6	82.9	85.8	74.9
Mills	63.7	68.2	76.0	44.1	40.6	39.9	56.1	16.6	68.2	68.2	79.4	46.0	55.3	53.0	66.7	31.6	86.5	86.0	90.0	77.9
Mitchell	72.6	81.8	84.9	56.2	60.6	70.9	76.8	40.2	74.5	81.3	84.4	60.1	68.2	73.6	82.8	47.5	87.1	91.7	90.6	79.5

*In Linn County, comparisons across years suggested that the numbers provided for registration by political party contained inaccurate information in 2000; because of this, percentages for the state by political party are not reported for that year.

Table 4. Percent of Those Registered That Voted by Party Affiliation In Iowa's Counties in the November Elections of 1982-2000 (continued).

County	2000				1998				1996				1994				1992			
	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other
Monona	68.4	75.3	78.8	54.5	54.8	65.8	65.7	36.1	69.4	74.8	79.0	56.8	65.4	73.0	74.7	48.6	84.2	88.0	86.6	78.6
Monroe	73.6	82.4	80.7	55.4	53.8	65.2	63.8	28.6	73.1	79.0	81.4	53.2	59.9	63.4	71.3	37.8	87.4	90.4	90.1	77.3
Montgomery	62.4	61.2	76.8	36.7	49.2	47.5	65.5	23.9	67.0	68.1	76.7	47.0	57.6	58.6	68.3	35.6	80.4	82.4	84.6	70.3
Muscatine	69.0	70.0	82.4	54.6	45.7	44.7	64.3	27.3	68.0	66.2	81.5	53.3	54.3	50.6	70.1	38.1	80.4	79.4	87.5	73.9
O'Brien	69.2	72.0	79.8	52.6	49.9	50.7	63.6	27.4	70.4	71.1	79.1	54.9	58.8	55.4	71.4	36.6	84.9	85.9	89.2	77.5
Osceola	71.2	73.3	80.2	49.7	49.4	49.9	63.1	17.4	71.2	73.7	80.6	45.6	61.0	59.7	71.1	30.3	87.0	87.4	90.4	76.1
Page	66.9	70.0	81.5	46.3	51.0	48.6	69.3	25.0	70.9	70.9	82.8	51.8	61.7	56.6	76.1	36.9	86.2	84.8	90.5	79.5
Palo Alto	74.6	83.6	84.3	55.6	58.2	68.3	71.9	33.3	73.6	80.3	83.3	53.7	66.9	69.9	80.7	43.5	86.8	90.9	87.6	77.4
Plymouth	66.5	69.6	80.5	48.5	46.5	49.7	64.1	23.2	70.4	71.6	82.7	51.8	61.8	61.2	74.9	40.4	87.9	88.8	91.0	83.6
Pocahontas	74.2	81.0	85.8	61.5	51.1	58.1	68.8	33.6	74.4	80.0	84.7	61.9	64.3	66.6	77.9	48.4	86.0	89.2	89.7	80.1
Polk	75.6	81.2	84.0	60.9	56.3	63.0	68.7	32.9	74.0	77.7	82.9	56.1	70.1	69.9	78.8	54.3	88.6	88.9	90.6	85.2
Pottawattamie	68.6	73.1	79.2	53.3	46.9	49.9	62.5	25.8	66.6	68.8	76.6	52.2	53.8	51.7	67.6	35.7	86.0	85.9	89.1	81.6
Poweshiek	70.6	72.3	83.1	56.8	55.4	60.1	69.7	37.7	72.7	76.1	83.2	58.1	65.7	66.9	78.8	48.3	84.9	86.7	89.6	77.7
Ringgold	72.2	78.2	82.9	47.7	62.7	69.9	74.5	32.5	78.3	84.9	86.2	53.2	74.0	78.4	82.7	47.8	85.4	89.3	89.6	69.8
Sac	59.6	61.6	72.9	45.4	53.2	55.6	70.8	32.4	68.2	70.8	80.7	51.4	62.2	59.0	76.3	44.1	75.5	76.1	80.5	69.5
Scott	75.4	81.8	86.7	64.4	50.4	54.8	69.0	33.8	74.6	77.0	83.9	64.4	55.4	52.9	70.4	42.4	84.9	85.3	87.9	82.0
Shelby	71.1	76.3	81.6	54.8	52.0	60.7	66.4	29.9	68.7	77.5	77.6	49.7	65.9	72.0	75.7	49.2	85.0	89.4	88.1	77.1
Sioux	74.1	73.1	81.0	53.9	51.3	45.8	61.3	23.4	75.4	71.4	82.2	54.5	64.2	53.5	72.9	33.6	86.9	86.2	89.4	78.8
Story	65.7	71.1	74.3	56.3	50.3	60.3	62.8	34.6	64.0	68.6	71.8	53.7	58.4	61.6	69.7	43.6	81.3	83.2	83.6	77.7
Tama	74.8	81.1	87.7	57.2	57.8	66.5	75.1	36.5	71.6	77.8	83.5	54.2	69.0	73.0	81.4	48.3	88.1	91.0	91.4	80.5
Taylor	68.0	73.6	81.0	46.2	53.5	60.4	67.7	27.8	74.4	77.4	86.1	50.5	61.5	61.7	74.5	39.0	81.5	81.7	87.8	71.7
Union	74.1	82.0	84.9	56.3	58.4	66.7	72.5	37.9	72.8	79.0	81.9	56.7	74.4	76.7	83.7	59.6	86.8	88.1	90.5	81.0
Van Buren	74.9	77.6	85.5	55.1	59.5	63.7	72.8	33.6	73.7	74.2	84.0	51.4	66.0	63.8	78.6	41.5	84.8	84.0	90.4	74.4
Wapello	69.8	76.8	79.5	52.3	52.9	61.8	64.3	29.9	67.2	73.4	78.1	48.4	56.0	59.6	70.3	35.8	83.3	85.5	84.1	77.1
Warren	73.9	80.7	82.5	60.3	55.8	64.3	68.8	35.6	71.8	77.6	80.5	56.2	63.6	67.3	74.7	44.0	87.0	89.2	89.4	81.3
Washington	73.9	79.4	84.9	58.8	56.4	64.4	70.3	35.1	70.2	72.9	81.9	52.9	63.1	63.6	74.2	45.6	85.5	84.8	90.8	77.8
Wayne	71.7	75.7	81.4	56.8	54.8	60.1	69.9	31.7	75.0	78.6	86.2	55.9	69.7	73.7	81.3	46.1	87.3	90.7	89.4	78.2
Webster	68.0	75.1	78.2	54.0	52.2	60.0	66.9	33.7	68.4	74.5	78.6	52.9	67.1	69.3	79.2	50.5	86.1	89.1	87.8	80.5
Winnebago	72.6	78.5	82.5	61.8	54.3	62.5	69.7	36.8	72.7	77.6	81.8	62.1	67.4	70.4	79.8	53.4	85.4	88.1	88.3	81.5
Winneshieki	69.8	74.6	81.9	56.4	51.1	58.2	67.5	31.2	70.3	74.3	81.2	55.2	63.5	64.9	75.8	45.6	84.0	86.4	88.5	76.8
Woodbury	62.8	66.0	74.1	51.0	47.8	51.3	61.7	32.3	70.2	72.0	80.7	57.9	60.4	60.1	71.8	46.7	84.6	86.2	86.3	81.3
Worth	77.3	81.7	88.7	61.2	62.6	67.2	77.7	41.5	78.7	82.3	87.4	64.0	68.8	71.3	79.5	49.1	90.6	92.9	93.7	83.6
Wright	70.7	73.6	83.0	53.0	52.8	55.3	69.3	31.2	71.8	74.2	82.6	54.0	69.7	69.5	80.7	49.2	88.8	89.8	90.8	85.2
State of Iowa	71.6	*	*	*	53.7	61.1	68.1	34.2	71.4	76.1	81.1	57.0	63.0	65.2	75.1	45.5	86.0	88.0	88.7	80.9

Table 4. Percent of Those Registered That Voted by Party Affiliation In Iowa's Counties in the November Elections of 1982-2000 (continued).

County	1990				1988				1986				1984				1982			
	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other
Adair	78.0	80.2	86.2	61.2	80.1	83.6	86.3	65.2	71.0	76.6	77.6	55.3	87.5	87.9	91.3	81.0	76.8	82.4	82.3	63.1
Adams	71.3	75.1	78.1	54.1	79.6	85.3	85.1	62.5	70.7	76.3	78.6	51.2	88.7	90.9	92.6	81.5	73.9	78.6	82.0	59.2
Allamakee	71.2	77.6	80.6	48.8	74.2	81.9	84.9	49.8	69.6	75.2	76.0	47.2	81.9	82.6	87.7	66.9	69.5	73.5	78.5	49.0
Appanoose	65.1	68.4	71.5	47.8	77.6	82.9	81.6	60.8	59.9	64.1	67.6	39.6	83.6	85.9	88.1	71.8	67.4	72.7	74.5	51.5
Audubon	75.9	79.6	82.3	60.4	69.1	71.7	78.8	52.1	65.8	73.2	74.4	45.8	87.8	90.3	89.9	82.0	81.5	87.4	88.5	68.3
Benton	68.6	73.6	78.4	58.4	77.6	81.8	82.3	71.3	62.0	68.8	71.5	50.9	82.2	85.3	87.7	76.5	68.9	76.1	79.7	57.1
Black Hawk	63.8	65.7	74.1	51.4	76.3	79.6	80.1	68.5	59.4	62.3	71.2	46.6	80.8	81.9	87.3	74.3	75.8	78.3	84.0	66.5
Boone	68.7	73.6	74.9	57.6	75.8	81.0	79.7	66.5	63.4	71.2	73.3	50.0	84.7	88.4	89.4	78.5	67.3	76.2	74.8	54.9
Bremer	64.2	71.7	72.3	53.2	73.4	77.5	80.1	65.7	64.2	72.2	75.3	51.8	80.9	83.6	86.7	75.8	67.8	73.4	79.8	57.1
Buchanan	68.8	73.9	78.6	53.5	74.1	82.7	81.7	57.8	64.1	70.7	72.6	49.7	85.3	88.0	90.0	78.3	73.2	79.1	79.8	61.1
Buena Vista	68.8	71.2	79.1	54.6	75.7	77.7	83.0	65.5	67.9	71.1	77.3	54.2	81.2	82.6	87.1	73.4	64.5	68.2	75.3	51.3
Butler	67.7	70.3	75.3	46.8	72.8	79.8	79.0	52.8	66.9	68.4	73.4	46.3	85.4	87.3	88.5	75.7	73.8	75.0	79.5	57.1
Calhoun	68.6	74.0	76.1	57.7	80.7	84.4	83.9	75.0	68.3	76.6	76.5	55.5	78.8	83.1	82.9	73.0	64.2	71.2	73.3	53.1
Carroll	66.1	72.6	74.9	47.8	78.9	85.1	78.6	66.7	60.2	69.2	67.3	40.4	83.2	87.8	86.6	72.2	71.0	77.1	75.3	53.8
Cass	73.0	74.4	79.7	54.9	76.0	78.4	81.7	60.0	61.0	64.7	69.2	40.0	82.1	83.0	87.0	70.6	67.6	73.8	75.2	45.0
Cedar	68.6	72.1	79.0	56.3	77.7	81.7	84.1	68.7	51.3	57.2	62.9	37.6	78.4	80.9	86.2	69.5	63.8	65.5	75.2	52.2
Cerro Gordo	66.5	69.3	76.8	54.0	75.7	81.1	80.4	65.7	68.0	72.6	76.9	56.0	85.8	87.1	89.3	81.6	72.4	78.6	82.6	58.4
Cherokee	73.7	77.1	81.6	60.7	82.6	88.0	86.4	72.2	70.9	76.8	79.4	56.0	84.6	87.3	90.2	76.3	69.5	74.8	78.5	55.1
Chickasaw	68.7	76.5	78.5	48.8	76.7	84.4	83.9	59.6	65.0	72.4	75.3	46.3	82.2	87.5	87.4	71.4	70.4	78.9	79.8	51.8
Clarke	70.8	74.8	79.6	54.1	72.1	78.9	79.9	54.1	68.4	73.5	76.8	50.8	86.1	87.4	89.9	79.4	71.8	78.2	81.9	54.3
Clay	66.9	68.5	76.6	52.9	77.7	80.1	84.1	67.6	67.2	72.1	77.8	52.5	84.5	85.2	90.5	78.3	70.0	71.2	81.4	60.2
Clayton	69.7	77.9	77.4	54.3	73.3	81.4	79.5	59.8	66.6	73.2	72.9	51.7	81.4	84.0	87.4	71.5	71.9	77.4	78.7	57.6
Clinton	63.7	66.2	76.9	51.1	72.6	75.9	81.3	63.0	52.7	55.3	69.7	39.1	78.1	79.8	85.5	71.7	64.8	67.1	76.2	54.9
Crawford	64.5	72.0	73.3	47.8	77.9	86.2	82.7	64.1	61.3	70.4	68.3	44.0	78.2	83.8	82.7	68.4	69.3	77.2	73.0	58.2
Dallas	69.2	74.8	74.8	55.8	72.3	78.8	75.0	60.4	63.9	70.1	72.3	48.8	80.9	82.7	86.5	74.5	73.7	77.1	82.2	63.1
Davis	68.6	73.5	73.9	48.9	78.9	84.2	82.6	60.5	63.9	69.9	69.0	42.1	87.3	89.9	89.0	78.9	76.9	82.2	81.1	59.0
Decatur	65.6	70.8	72.6	45.7	75.4	81.6	81.9	54.8	64.4	70.3	72.8	42.1	79.4	83.7	85.1	64.3	66.6	72.1	76.3	45.1
Delaware	68.7	71.2	78.8	55.9	72.2	77.2	77.8	62.2	55.5	62.4	65.6	41.0	86.4	89.2	90.6	80.1	71.2	77.6	78.9	58.8
Des Moines	67.5	73.1	75.3	53.7	76.0	82.5	79.4	64.6	57.5	62.9	69.0	44.8	87.3	89.3	90.5	83.4	65.5	70.9	75.5	53.3
Dickinson	65.9	71.3	76.5	52.9	74.0	79.6	79.7	65.2	72.3	77.2	78.6	63.8	83.9	86.5	89.2	78.1	69.2	74.9	78.9	58.1
Dubuque	67.1	74.1	74.0	50.6	75.4	82.6	74.7	63.6	58.7	66.7	63.4	43.8	83.6	87.2	86.0	76.9	67.4	76.0	71.9	50.8
Emmet	68.0	71.5	75.5	52.9	79.6	83.1	82.6	70.6	60.7	65.9	69.7	44.9	80.1	82.6	85.3	71.1	64.5	64.9	72.7	52.3
Fayette	74.3	78.8	83.2	59.1	75.8	80.8	82.6	62.9	64.1	70.2	73.5	49.8	84.1	87.4	89.7	75.6	73.1	79.4	79.9	59.9

Table 4. Percent of Those Registered That Voted by Party Affiliation In Iowa's Counties in the November Elections of 1982-2000 (continued).

County	1990				1988				1986				1984				1982			
	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other
Floyd	66.2	69.3	74.5	53.0	77.0	80.4	83.2	65.9	64.5	65.7	73.7	52.3	85.9	86.1	89.4	81.7	70.9	73.0	79.6	58.9
Franklin	75.3	75.6	83.3	58.2	77.6	81.0	84.8	59.4	69.7	71.5	77.2	51.7	86.8	89.1	88.9	79.7	71.4	78.3	76.8	51.3
Fremont	74.4	78.5	83.0	52.2	72.3	79.9	81.5	47.1	69.0	74.2	75.7	47.1	88.1	89.0	92.5	77.8	68.7	77.4	76.0	47.2
Greene	73.2	79.1	80.0	59.2	74.3	80.3	81.2	60.5	63.1	71.0	71.6	46.8	84.3	87.0	88.6	77.1	68.6	74.8	78.3	51.6
Grundy	72.1	74.9	77.8	56.0	80.3	82.2	84.8	68.1	63.5	66.8	71.0	45.7	83.1	82.8	87.7	73.9	74.5	75.7	83.0	58.4
Guthrie	68.1	73.0	75.2	51.2	73.7	79.8	80.1	56.7	63.3	69.2	72.0	43.6	81.5	84.5	87.5	69.0	68.1	73.7	76.6	47.1
Hamilton	71.4	78.6	77.1	56.6	79.8	82.2	84.1	72.2	67.5	74.6	75.4	52.6	86.2	87.6	90.9	79.4	72.1	76.2	81.4	56.8
Hancock	66.3	68.4	76.7	49.4	77.1	78.2	84.6	64.6	61.4	63.2	74.5	44.4	82.9	84.5	88.6	73.5	68.7	72.8	76.0	55.2
Hardin	69.8	75.9	77.4	54.2	74.9	79.1	81.9	62.4	68.8	73.8	77.5	52.7	82.3	84.5	87.6	73.1	70.3	76.1	76.5	55.5
Harrison	62.9	67.9	71.4	42.5	76.2	83.4	80.8	58.8	64.0	69.8	72.9	42.2	83.1	85.4	89.5	70.7	67.0	71.0	74.7	48.0
Henry	64.5	69.6	75.6	47.6	73.2	77.1	83.6	58.4	59.5	65.2	72.4	42.2	81.1	83.4	88.6	70.4	64.5	70.5	75.6	45.7
Howard	72.5	80.3	79.1	56.4	78.7	87.5	84.8	62.5	73.0	80.1	82.1	55.3	85.8	89.8	90.7	77.2	73.5	80.2	82.9	58.1
Humboldt	72.4	76.7	82.0	56.6	82.9	88.1	87.6	72.1	67.8	70.1	78.4	53.2	86.7	89.7	90.1	79.6	63.4	70.5	73.3	47.8
Ida	70.0	75.5	76.8	53.6	75.8	81.6	81.7	60.9	69.5	77.0	77.6	52.5	84.0	85.2	89.4	77.2	66.3	71.7	77.7	50.4
Iowa	74.5	81.6	82.5	59.9	79.2	83.9	85.4	68.5	63.0	70.7	74.1	46.7	84.8	88.6	91.6	75.4	71.1	80.3	80.0	56.1
Jackson	73.6	79.9	82.9	57.5	72.4	80.1	80.6	55.5	61.9	71.1	73.2	45.4	83.5	89.2	87.9	75.7	71.1	78.4	82.6	56.3
Jasper	68.7	74.0	75.9	53.1	74.1	79.2	78.6	61.7	63.5	69.7	71.5	47.6	84.8	86.5	89.1	78.3	72.1	76.8	78.3	59.3
Jefferson	63.7	66.7	74.6	50.6	72.6	78.0	83.8	58.8	50.6	52.8	66.0	31.9	84.7	86.3	89.3	78.3	63.7	67.9	75.5	45.4
Johnson	53.5	63.7	53.5	40.7	65.7	72.8	64.0	57.5	49.4	61.0	53.5	36.3	79.6	83.3	82.7	74.4	69.3	77.7	73.9	58.3
Jones	70.3	75.5	79.8	53.4	77.3	83.5	84.2	62.1	60.2	66.1	67.2	44.6	83.4	85.4	88.0	75.4	72.8	76.1	80.0	59.1
Keokuk	70.1	76.4	80.4	51.2	77.3	81.9	85.6	62.5	61.7	67.2	72.7	43.0	84.8	88.3	89.7	75.6	71.4	76.2	79.7	55.7
Kossuth	71.6	77.4	79.0	55.7	81.5	86.9	85.2	70.2	63.3	70.1	71.8	46.9	82.0	85.8	86.7	73.2	65.5	72.1	74.1	49.4
Lee	63.1	68.5	71.4	50.9	77.5	81.5	81.0	70.3	64.9	72.1	73.4	52.4	83.0	85.1	87.6	78.3	60.6	67.5	71.8	48.5
Linn	65.4	70.3	72.2	56.3	76.3	80.2	77.5	71.7	55.3	60.5	65.3	46.1	82.3	83.9	86.4	79.0	65.5	70.8	75.5	56.1
Louisa	67.5	67.7	78.7	46.9	74.7	76.2	83.4	57.3	60.6	65.2	70.9	39.5	82.7	84.8	87.2	74.4	67.0	71.2	78.7	47.8
Lucas	69.8	74.1	78.8	48.4	74.9	80.4	83.0	53.0	63.5	66.5	72.2	41.7	87.5	87.5	91.9	78.2	73.6	75.8	80.3	52.0
Lyon	65.2	71.8	69.8	40.0	76.5	79.2	82.0	53.8	56.3	59.5	61.9	32.1	84.8	84.2	87.2	74.7	53.2	56.6	57.6	33.8
Madison	75.4	80.4	81.0	57.7	75.6	81.6	80.5	58.2	73.2	78.1	80.4	55.4	88.5	89.9	92.4	80.8	74.7	80.8	84.0	55.0
Mahaska	71.0	75.1	78.8	54.4	78.3	82.9	82.9	66.2	62.3	65.3	72.1	47.1	83.5	85.1	89.2	75.3	69.9	74.5	78.7	54.2
Marion	66.3	70.1	72.8	53.1	74.8	80.1	77.2	63.9	60.2	66.4	66.8	45.7	85.3	87.7	88.1	79.5	65.5	71.2	73.4	50.9
Marshall	68.3	73.6	75.5	52.8	79.1	81.0	84.1	70.6	62.4	70.7	69.3	47.8	82.4	84.5	87.9	74.1	71.1	74.3	78.8	59.1
Mills	59.2	61.3	68.3	38.2	74.5	72.3	82.2	60.0	57.0	58.5	65.8	36.9	86.3	84.7	91.7	75.3	64.1	65.3	71.9	45.8
Mitchell	72.5	79.3	81.9	53.9	78.1	85.6	85.0	62.4	68.6	75.4	76.2	51.3	85.8	86.9	89.7	79.0	71.3	78.0	80.7	53.8

Table 4. Percent of Those Registered That Voted by Party Affiliation In Iowa's Counties in the November Elections of 1982-2000 (continued).

County	1990				1988				1986				1984				1982			
	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other	Total	Dem	Rep	Other
Monona	63.1	69.5	70.8	49.6	75.9	83.8	78.9	65.0	68.5	75.3	75.9	54.9	82.4	87.2	87.5	74.4	65.3	72.8	74.0	51.7
Monroe	74.7	80.7	81.8	52.6	77.1	83.4	82.3	57.1	64.8	70.5	74.8	45.0	87.8	89.4	91.6	81.0	70.4	77.1	78.7	48.5
Montgomery	62.9	66.8	71.9	43.8	72.7	77.3	78.7	57.4	58.4	56.1	69.0	40.6	83.9	84.0	88.3	75.4	59.3	58.3	68.5	40.1
Muscatine	59.9	59.2	74.2	47.8	69.6	69.4	80.1	60.6	44.9	47.0	59.5	32.2	78.0	78.2	86.1	71.9	53.5	51.8	70.9	41.5
O'Brien	68.4	70.4	77.6	52.1	75.9	81.1	82.1	62.3	65.7	71.9	74.2	48.3	82.3	84.9	87.7	72.2	62.9	64.2	72.9	45.5
Osceola	70.0	73.4	73.9	47.0	78.7	81.3	84.7	51.6	70.5	76.6	73.6	50.4	83.1	85.2	85.7	70.9	70.2	72.4	76.2	50.8
Page	65.0	64.6	75.1	45.0	78.8	77.9	86.1	64.9	61.6	59.2	71.9	40.6	87.2	84.2	91.5	79.9	62.7	64.1	72.9	46.2
Palo Alto	69.3	73.6	77.1	53.1	81.8	87.7	81.6	69.1	68.2	77.0	78.3	49.4	84.8	89.6	89.2	77.0	71.2	80.7	82.2	53.9
Plymouth	64.9	68.4	74.2	50.4	79.6	82.0	85.7	69.9	67.5	74.1	76.4	50.5	83.0	83.1	88.7	75.3	62.7	66.3	72.3	48.7
Pocahontas	67.3	72.1	76.1	55.7	74.6	80.9	82.2	63.2	72.0	78.4	79.2	59.6	84.2	88.3	89.0	76.0	67.3	73.1	78.4	54.3
Polk	66.7	70.2	71.6	51.3	74.4	78.1	76.7	62.5	57.6	60.8	63.5	42.6	75.6	76.9	78.9	68.5	65.9	70.2	70.7	49.6
Pottawattamie	60.5	64.1	69.7	44.3	77.5	78.7	81.7	70.5	49.5	51.9	60.3	35.3	80.4	80.6	86.8	73.3	58.7	63.3	68.2	44.5
Poweshiek	65.7	68.5	76.7	50.2	73.4	77.2	80.9	60.2	61.2	64.5	72.6	46.6	80.8	84.0	88.4	69.5	68.9	75.4	78.4	52.5
Ringgold	76.7	79.3	83.6	54.7	77.9	85.6	85.0	46.2	67.7	70.4	75.2	40.0	87.8	88.0	91.3	78.0	75.2	78.6	83.2	49.7
Sac	62.2	63.1	71.5	49.6	73.6	76.0	81.8	61.8	62.2	65.2	73.3	45.1	77.7	80.4	84.1	69.0	65.1	67.6	76.7	50.9
Scott	56.9	58.4	67.5	47.4	76.8	79.5	81.3	70.8	51.6	52.0	64.9	42.7	90.3	88.8	93.5	89.4	67.6	69.4	77.7	59.6
Shelby	67.4	73.2	75.3	51.4	75.4	83.1	80.0	61.1	60.1	67.0	69.4	41.8	83.1	86.7	89.5	72.5	69.1	77.0	76.7	53.2
Sioux	68.2	66.0	75.5	46.5	77.0	77.5	81.8	62.1	66.8	69.2	72.6	46.7	88.6	86.4	91.6	81.2	60.4	58.2	67.7	39.9
Story	60.3	65.7	65.5	50.3	69.3	72.3	72.8	63.2	49.2	59.0	56.0	38.7	73.8	79.0	78.4	67.5	67.6	76.7	72.6	58.3
Tama	73.3	80.4	79.5	57.5	80.1	85.0	86.2	67.6	65.1	73.8	73.8	49.0	85.5	87.5	89.7	79.8	72.0	81.4	81.2	56.8
Taylor	73.4	78.1	79.1	58.3	71.1	72.5	83.4	50.0	62.3	67.5	69.7	41.0	85.0	86.1	89.9	73.8	69.1	71.7	76.5	52.3
Union	66.5	71.8	76.4	48.3	79.2	81.8	83.5	70.5	65.4	73.0	73.7	47.4	82.2	83.4	88.1	74.2	69.8	75.6	77.0	55.5
Van Buren	73.6	75.3	79.6	54.6	74.0	72.4	83.1	53.1	69.1	71.9	76.0	47.0	83.9	84.7	87.9	73.2	68.2	72.7	77.0	48.3
Wapello	63.6	68.5	71.2	47.3	75.3	79.1	79.7	63.9	55.9	61.5	67.1	40.5	79.4	83.4	84.6	70.4	65.7	73.5	75.4	49.3
Warren	66.8	72.6	72.9	51.5	70.1	76.8	72.2	57.5	61.4	66.6	69.0	46.9	83.6	86.8	86.9	76.0	70.2	75.5	77.3	56.2
Washington	68.2	71.6	80.3	51.4	74.0	78.0	82.2	61.9	60.7	68.5	72.1	43.6	82.8	87.6	89.0	73.4	67.6	74.6	76.5	51.1
Wayne	73.7	78.7	81.2	51.4	78.4	85.3	86.3	53.5	69.7	70.8	79.2	48.6	85.0	86.7	89.1	74.1	72.5	76.3	78.7	54.9
Webster	67.0	71.4	74.5	55.3	77.3	82.7	78.8	69.0	59.5	63.8	68.8	48.1	79.3	81.7	82.9	74.1	63.4	68.0	71.2	53.3
Winnebago	74.8	78.6	84.0	64.3	77.6	81.9	84.0	69.4	71.9	76.3	81.5	61.3	88.0	89.3	92.1	83.6	76.9	81.1	85.1	66.8
Winneshiek	62.9	70.0	72.3	46.3	69.6	76.1	79.2	53.9	58.7	64.1	70.8	41.7	84.0	85.9	90.5	76.1	67.2	70.6	79.4	54.5
Woodbury	62.1	64.6	69.2	53.1	77.9	81.1	80.0	72.6	65.6	67.6	73.1	57.4	83.9	84.3	87.8	80.5	58.8	61.8	67.3	49.6
Worth	78.9	83.1	86.2	64.4	80.0	87.0	85.7	65.0	77.0	82.8	83.6	61.2	91.2	92.2	93.7	86.9	80.6	85.7	86.7	69.0
Wright	70.3	73.9	79.1	56.6	77.8	82.1	82.7	68.2	63.1	68.4	72.2	47.3	84.3	85.6	88.7	77.5	66.4	73.0	76.4	50.7
State of Iowa	65.7	70.1	73.9	51.6	75.2	79.6	80.0	64.9	59.7	64.6	69.3	45.4	82.1	83.8	87.0	76.0	67.5	72.6	75.7	54.4

At least 10,000 Republicans were registered in Black Hawk, Dubuque, Johnson, Polk, Pottawattamie, Scott, Sioux, Story, and Woodbury in 2000. (Caution: Keep in mind that data for Linn are not available for this and remaining paragraphs in this section.) Except for Sioux, these counties plus Des Moines and Wapello had at least 10,000 registered Democrats in 2000. Those with at least 10,000 registered in both major parties also had at least that many holding other/no party affiliation; so did Cerro Gordo and Clinton.

Registration by party varies not only across counties but also within them. Thirty-one of the 98 counties for which data were available had more Democrats registered than Republicans in 2000; in Des Moines, Dubuque, Johnson, Polk, and Wapello, the difference was at least 5,000. Among the 67 counties with more Republicans registered than Democrats, only in Sioux did the difference exceed 5,000. The majority of counties reported more Republican than Democrat registrants each year from 1982 through 2000. For the most recent election, Republicans counted more registered than either Democrats or other/no party members in 39 counties, while Democrats had more than either of the others in 13 counties. Thus, more were registered as other/no party members than as members of the Democratic or Republican parties in 46 counties.

Registration does not necessarily lead to voting. Although those registered as no/other party exceeded the two major parties in nearly half (46) of the counties in 2000, only in 10 did they have the largest number actually voting. Republicans who voted outnumbered those in the other two groups in 64 counties, while Democrats voted in the largest numbers in 24 counties.

Those actually voting among the no/other party registrants in 2000 ranged from 36.7 percent in Montgomery to 64.5 percent in Cedar (Table 4). In contrast, the range of registered Republicans who voted varied from 72.9 percent in Sac to 89.8 percent in Audubon. Among Democrats, the percentage voting ranged from 61.2 (Montgomery) to 86.5 (Kossuth). Thus, the highest percentages of other/no party registrants who voted tended to be lower than the lowest percentages for Democrats or Republicans.

Note: Those interested in additional details of voting can review reports from the office of the State (Iowa) Registrar of Voters in the capitol complex in Des Moines, IA.

Use of Absentee Ballots by Political Party Affiliation in Iowa's Counties: 1988-2000

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The Office of the Secretary of State of Iowa analyzes data from elections. In this section, information is provided on voting by absentee ballot. The elections for which data are included are those in which members were selected for federal office since 1988. These always include races for the U.S. House of Representatives. In addition, Iowa contests for the U.S. Senate occurred in 1990, 1992, 1996, and 1998. Elections for President took place in 1988, 1992, 1996, and 2000 and for governor in 1990, 1994, and 1998. The number and level of contests affect voting statistics. The total number voting and the number voting absentee are reported; dividing the absentee voters by total voters and multiplying by 100 yields the percentage voting absentee. Data are provided for all voting in 2000 (Table 1) and by all voting and political party affiliation for 1998 (Table 2). Matching tables for 1988-1996 are available in the 1998 edition of this volume (see pages 465-494). In addition, the percentages of those voting absentee from 1988 through 2000 are noted in Table 3. Note also that absentee votes were inadvertently added into precinct totals in Shelby County in 1998; thus, no absentee ballots are reported for that county that year although some residents actually voted in that manner.

Total Voting, Absentee Votes, and Percentage Cast by Absentee Ballot in Iowa

The number voting in Iowa was higher in 1992 than any other year from 1988 through 2000. The other years with presidential contests (1988, 1996, 2000) also resulted in relatively large numbers voting. While total votes increased between some years and decreased between others, the number of absentee ballots gained throughout the period with two exceptions (1992 to 1994, decline of 11,000; 1996 to 1998, decline of 50,000). In 1988, 75,200 voters completed absentee ballots; in 2000, 276,800 absentee votes were counted, the highest number of any year reported and a gain of 268.3 percent from 1988. That compares with an increase of 13.0 percent in total votes from 1988 to 2000. Thus, absentee votes have become a much larger percentage of the total cast, increasing from 6.5 percent in 1988 to 21.2 percent in 2000. Absentee voting varied greatly across counties. In 2000, for example, fewer than 15 percent of the total ballots were cast by absentee voters in 23 counties (Table 1). In four others (Johnson, Marion, Marshall, Union), at least 30 percent of the votes were cast through absentee means.

Voting by Absentee Ballot by Political Party Affiliation

Figures on voting by political party affiliation in 2000 are not complete for the state because comparisons across years suggested that the numbers provided in Linn County contained inaccurate information that year. Among the 98 other counties, while 44.0 percent of the Democrats voting in Johnson used absentee ballots in 2000, fewer than 10 percent of the Democrats in Osceola voted absentee. For Republicans, these percentages ranged from 11.7 in Worth to 41.0 in Johnson. Johnson also had the highest percentage (32.0%) of those with other/no party affiliation using absentee ballots, while percentages in 15 counties were less than 10.

In 1998, 17.7 percent of those registered as Republicans voted absentee; so did 16.3 percent of Democrats. A much smaller percentage (9.4%) of those registered in other parties or not claiming a party affiliation cast absentee ballots (Table 2). The differences between percentages of Democrats and Republicans voting absentee generally were small; slightly higher percentages of Republicans used absentee ballots in 1988, 1990, 1994, and 1998 (Table 3). In all years, the lowest percentages were observed for those with other or no party affiliations.

Note: Those interested in additional details of voting can review reports from the office of the State (Iowa) Registrar of Voters in the capitol complex in Des Moines, IA.

Table 1. Number of Votes Cast, Number Cast by Absentee Ballot, and Percent Cast by Absentee Ballot by Party Affiliation in Iowa's Counties in the November Election of 2000.

County	Total			Democratic Party			Republican Party			Other/No Party		
	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes
Adair	4127	689	16.7	1008	188	18.7	2112	395	18.7	1007	106	10.5
Adams	2121	347	16.4	714	114	16.0	848	156	18.4	559	77	13.8
Allamakee	6484	1298	20.0	1190	296	24.9	3664	719	19.6	1630	283	17.4
Appanoose	5722	1609	28.1	2177	749	34.4	2166	613	28.3	1378	247	17.9
Audubon	3788	914	24.1	1337	299	22.4	1508	359	23.8	943	256	27.1
Benton	11668	2021	17.3	3379	672	19.9	3436	796	23.2	4853	553	11.4
Black Hawk	54079	10081	18.6	17881	4038	22.6	16851	3511	20.8	19347	2532	13.1
Boone	12161	2500	20.6	5046	1098	21.8	3455	877	25.4	3658	525	14.4
Bremer	10898	1565	14.4	2461	465	18.9	4116	704	17.1	4321	396	9.2
Buchanan	9453	1555	16.4	3287	627	19.1	2987	578	19.4	3179	350	11.0
Buena Vista	7918	1163	14.7	1824	285	15.6	3325	567	17.1	2769	311	11.2
Butler	6471	1028	15.9	1180	177	15.0	3617	654	18.1	1673	197	11.8
Calhoun	5041	811	16.1	1290	227	17.6	1872	392	20.9	1879	192	10.2
Carroll	9491	1541	16.2	4302	762	17.7	2253	438	19.4	2936	341	11.6
Cass	6934	951	13.7	1346	198	14.7	3781	535	14.1	1807	218	12.1
Cedar	8279	1448	17.5	2164	485	22.4	2815	580	20.6	3300	383	11.6
Cerro Gordo	22163	5830	26.3	8001	2414	30.2	7179	2177	30.3	6983	1239	17.7
Cherokee	6540	991	15.2	1931	266	13.8	3018	505	16.7	1591	220	13.8
Chickasaw	6790	1644	24.2	2802	743	26.5	1999	510	25.5	1989	391	19.7
Clarke	4154	1221	29.4	1541	510	33.1	1422	447	31.4	1191	264	22.2
Clay	7782	1267	16.3	1758	333	18.9	3980	705	17.7	2044	229	11.2
Clayton	8589	1207	14.1	2785	399	14.3	2948	487	16.5	2856	321	11.2
Clinton	21943	3583	16.3	6469	1248	19.3	7114	1464	20.6	8359	871	10.4
Crawford	6584	832	12.6	2364	288	12.2	2374	357	15.0	1846	187	10.1
Dallas	19113	4837	25.3	5938	1685	28.4	7006	2124	30.3	6168	1027	16.7
Davis	3694	726	19.7	1760	364	20.7	1094	236	21.6	840	126	15.0
Decatur	3702	787	21.3	1416	308	21.8	1434	305	21.3	852	174	20.4
Delaware	8358	1473	17.6	1943	403	20.7	3460	655	18.9	2955	415	14.0
Des Moines	19309	4705	24.4	10261	2783	27.1	4775	1162	24.3	4273	760	17.8
Dickinson	8218	1706	20.8	2083	444	21.3	3351	881	26.3	2784	381	13.7
Dubuque	40061	8754	21.9	18389	4345	23.6	9466	2544	26.9	12206	1865	15.3
Emmet	4632	669	14.4	1676	265	15.8	1532	246	16.1	1424	158	11.1
Fayette	9635	1792	18.6	2511	571	22.7	4183	784	18.7	2941	437	14.9
Floyd	7135	1930	27.0	2302	661	28.7	2337	826	35.3	2493	442	17.7
Franklin	4934	871	17.7	946	183	19.3	2943	548	18.6	1045	140	13.4
Fremont	3589	483	13.5	1067	132	12.4	1601	264	16.5	921	87	9.4
Greene	4551	737	16.2	1566	270	17.2	1742	311	17.9	1243	156	12.6
Grundy	6115	1142	18.7	955	200	20.9	3565	732	20.5	1595	210	13.2
Guthrie	5515	916	16.6	1608	255	15.9	2412	442	18.3	1495	219	14.6
Hamilton	7624	1434	18.8	2132	467	21.9	2998	660	22.0	2494	307	12.3
Hancock	5382	761	14.1	1148	183	15.9	2797	443	15.8	1437	135	9.4
Hardin	8424	1679	19.9	2366	517	21.9	3654	861	23.6	2404	301	12.5
Harrison	6443	825	12.8	2114	242	11.4	2732	438	16.0	1597	145	9.1
Henry	8488	2034	24.0	2105	601	28.6	4128	1023	24.8	2255	410	18.2
Howard	4522	655	14.5	1896	270	14.2	1267	220	17.4	1359	165	12.1
Humboldt	4947	853	17.2	1186	235	19.8	2186	430	19.7	1575	188	11.9
Ida	3514	495	14.1	817	126	15.4	2007	284	14.2	690	85	12.3
Iowa	7444	1194	16.0	1857	369	19.9	2882	538	18.7	2704	287	10.6
Jackson	9199	2322	25.2	5128	1341	26.2	2014	590	29.3	2054	390	19.0
Jasper	18083	3976	22.0	7715	1921	24.9	5817	1431	24.6	4551	624	13.7

Table 1. Number of Votes Cast, Number Cast by Absentee Ballot, and Percent Cast by Absentee Ballot by Party Affiliation in Iowa's Counties in the November Election of 2000 (continued).

County	Total			Democratic Party			Republican Party			Other/No Party		
	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes
Jefferson	7592	1887	24.9	1288	409	31.8	4299	1105	25.7	2003	372	18.6
Johnson	51577	20162	39.1	22465	9876	44.0	10778	4417	41.0	18334	5869	32.0
Jones	9194	1679	18.3	2940	596	20.3	3089	664	21.5	3164	419	13.2
Keokuk	5058	920	18.2	1847	405	21.9	1945	348	17.9	1266	167	13.2
Kossuth	8940	1828	20.4	3661	782	21.4	2870	620	21.6	2409	426	17.7
Lee	16553	4840	29.2	7140	2625	36.8	3671	1005	27.4	5741	1209	21.1
Linn	91618	21343	23.3	*	*	*	*	*	*	*	*	*
Louisa	4687	925	19.7	1268	284	22.4	2156	455	21.1	1263	186	14.7
Lucas	4323	1159	26.8	1324	404	30.5	1856	512	27.6	1143	243	21.3
Lyon	5344	744	13.9	773	96	12.4	3824	569	14.9	747	79	10.6
Madison	6958	1338	19.2	2426	523	21.6	2521	522	20.7	2009	293	14.6
Mahaska	9568	2801	29.3	2399	838	34.9	4606	1417	30.8	2563	546	21.3
Marion	14369	4564	31.8	4732	1651	34.9	5582	2029	36.3	4053	883	21.8
Marshall	17392	5565	32.0	5476	2041	37.3	7393	2517	34.0	4516	1003	22.2
Mills	5871	836	14.2	1248	213	17.1	3251	498	15.3	1371	125	9.1
Mitchell	5204	820	15.8	1390	264	19.0	2197	368	16.8	1617	188	11.6
Monona	4579	680	14.9	1711	270	15.8	1491	277	18.6	1377	133	9.7
Monroe	3662	760	20.8	1672	347	20.8	1139	262	23.0	851	151	17.7
Montgomery	5390	1044	19.4	803	163	20.3	3633	750	20.6	954	131	13.7
Muscatine	15945	3264	20.5	3687	827	22.4	7461	1812	24.3	4795	624	13.0
O'Brien	6865	938	13.7	1150	159	13.8	3916	601	15.3	1799	178	9.9
Osceola	3066	360	11.7	499	49	9.8	2014	260	12.9	553	51	9.2
Page	7027	1019	14.5	1161	225	19.4	4106	604	14.7	1760	190	10.8
Palo Alto	4853	802	16.5	2112	389	18.4	1549	271	17.5	1192	142	11.9
Plymouth	10163	1564	15.4	1998	271	13.6	5412	1008	18.6	2753	285	10.4
Pocahontas	4155	743	17.9	1195	239	20.0	1495	301	20.1	1465	203	13.9
Polk	170313	38571	22.6	69211	17092	24.7	57701	15573	27.0	43401	5906	13.6
Pottawattamie	34416	5851	17.0	10430	2023	19.4	14860	2949	19.8	9122	878	9.6
Poweshiek	8699	1655	19.0	2838	615	21.7	3438	690	20.1	2423	350	14.4
Ringgold	2702	525	19.4	892	179	20.1	1343	275	20.5	467	71	15.2
Sac	4867	612	12.6	953	121	12.7	2409	348	14.4	1505	143	9.5
Scott	70750	12389	17.5	19275	4163	21.6	24130	4911	20.4	27345	3315	12.1
Shelby	5954	873	14.7	1885	276	14.6	2547	454	17.8	1522	143	9.4
Sioux	14568	1686	11.6	1198	146	12.2	10918	1361	12.5	2452	179	7.3
Story	35039	9490	27.1	10586	3515	33.2	11526	3406	29.6	12927	2569	19.9
Tama	8294	1378	16.6	2504	482	19.2	3490	648	18.6	2300	248	10.8
Taylor	3072	534	17.4	783	144	18.4	1613	302	18.7	676	88	13.0
Union	5837	1852	31.7	1844	722	39.2	2457	797	32.4	1536	333	21.7
Van Buren	3612	458	12.7	883	117	13.3	1962	249	12.7	767	92	12.0
Wapello	15150	3450	22.8	8172	2266	27.7	3482	716	20.6	3496	468	13.4
Warren	19659	4442	22.6	7317	1978	27.0	6554	1559	23.8	5788	905	15.6
Washington	9163	1811	19.8	2178	506	23.2	4255	906	21.3	2730	399	14.6
Wayne	3034	525	17.3	994	179	18.0	1268	244	19.2	772	102	13.2
Webster	17035	3419	20.1	6886	1627	23.6	5073	1075	21.2	5076	717	14.1
Winnebago	5440	653	12.0	1351	190	14.1	2070	315	15.2	2019	148	7.3
Winneshiek	9426	1848	19.6	2256	489	21.7	4033	900	22.3	3136	458	14.6
Woodbury	37350	6861	18.4	11874	2755	23.2	14004	2687	19.2	11471	1419	12.4
Worth	4009	476	11.9	1151	167	14.5	1765	207	11.7	1093	102	9.3
Wright	6378	1040	16.3	1450	268	18.5	3295	577	17.5	1633	195	11.9
State of Iowa	1306531	276836	21.2	*	*	*	*	*	*	*	*	*

*In Linn County, comparisons across years suggested that the numbers provided for registration by political party contained inaccurate information in 2000; because of this, percentages for the state are not reported for that year.

Table 2. Number of Votes Cast, Number Cast by Absentee Ballot, and Percent Cast by Absentee Ballot by Party Affiliation in Iowa's Counties in the November Election of 1998.

County	Total			Democratic Party			Republican Party			Other/No Party		
	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes
Adair	3464	434	12.5	1003	104	10.4	1737	276	15.9	724	54	7.5
Adams	1733	161	9.3	612	36	5.9	812	105	12.9	309	20	6.5
Allamakee	4757	685	14.4	945	130	13.8	3101	481	15.5	711	74	10.4
Appanoose	4134	754	18.2	1699	328	19.3	1693	344	20.3	742	82	11.1
Audubon	2680	316	11.8	1117	120	10.7	991	150	15.1	572	46	8.0
Benton	8743	1065	12.2	2771	323	11.7	2973	551	18.5	2999	191	6.4
Black Hawk	39246	5882	15.0	14364	2275	15.8	14327	2668	18.6	10555	939	8.9
Boone	8880	1117	12.6	3842	442	11.5	2978	528	17.7	2060	147	7.1
Bremer	8294	956	11.5	1969	257	13.1	3722	542	14.6	2603	157	6.0
Buchanan	7370	968	13.1	2867	402	14.0	2405	408	17.0	2098	158	7.5
Buena Vista	5711	499	8.7	1402	84	6.0	2791	338	12.1	1518	77	5.1
Butler	5013	608	12.1	899	100	11.1	3280	452	13.8	834	56	6.7
Calhoun	3962	434	11.0	1043	79	7.6	1686	278	16.5	1233	77	6.2
Carroll	7341	692	9.4	3605	298	8.3	1914	280	14.6	1822	114	6.3
Cass	5072	477	9.4	961	65	6.8	3211	364	11.3	900	48	5.3
Cedar	6146	759	12.3	1711	196	11.5	2487	434	17.5	1948	129	6.6
Cerro Gordo	16304	3217	19.7	5904	1272	21.5	6078	1455	23.9	4322	490	11.3
Cherokee	4761	380	8.0	1564	85	5.4	2273	244	10.7	924	51	5.5
Chickasaw	5620	1030	18.3	2462	470	19.1	1887	417	22.1	1271	143	11.3
Clarke	3547	1014	28.6	1326	386	29.1	1310	360	27.5	911	268	29.4
Clay	6134	490	8.0	1423	75	5.3	3211	340	10.6	1500	75	5.0
Clayton	6816	768	11.3	2314	243	10.5	2612	364	13.9	1890	161	8.5
Clinton	16077	2029	12.6	4891	688	14.1	6351	991	15.6	4835	350	7.2
Crawford	5391	491	9.1	1925	150	7.8	2307	276	12.0	1159	65	5.6
Dallas	13710	2898	21.1	4882	1164	23.8	5266	1287	24.4	3562	447	12.5
Davis	2984	437	14.6	1583	200	12.6	912	175	19.2	489	62	12.7
Decatur	3018	343	11.4	1282	123	9.6	1249	175	14.0	487	45	9.2
Delaware	6203	803	12.9	1585	184	11.6	2759	480	17.4	1859	139	7.5
Des Moines	13575	2458	18.1	7219	1430	19.8	3901	709	18.2	2455	319	13.0
Dickinson	6137	876	14.3	1747	176	10.1	2626	560	21.3	1764	140	7.9
Dubuque	27790	3836	13.8	14333	2043	14.3	7303	1277	17.5	6154	516	8.4
Emmet	3543	326	9.2	1349	78	5.8	1367	211	15.4	827	37	4.5
Fayette	7921	1141	14.4	2279	325	14.3	3520	599	17.0	2122	217	10.2
Floyd	6106	1016	16.6	2039	338	16.6	2232	519	23.3	1835	159	8.7
Franklin	3896	473	12.1	863	82	9.5	2292	334	14.6	741	57	7.7
Fremont	2653	237	8.9	751	37	4.9	1477	177	12.0	425	23	5.4
Greene	3937	400	10.2	1322	117	8.9	1785	214	12.0	830	69	8.3
Grundy	4791	618	12.9	836	108	12.9	2915	423	14.5	1040	87	8.4
Guthrie	4367	619	14.2	1350	143	10.6	2149	376	17.5	868	100	11.5
Hamilton	5801	667	11.5	1738	168	9.7	2541	411	16.2	1522	88	5.8
Hancock	4190	448	10.7	959	80	8.3	2461	324	13.2	770	44	5.7
Hardin	6839	1044	15.3	2036	281	13.8	3259	618	19.0	1544	145	9.4
Harrison	4451	313	7.0	1598	70	4.4	2051	217	10.6	802	26	3.2
Henry	7172	1279	17.8	2298	510	22.2	3210	543	16.9	1664	226	13.6
Howard	3754	371	9.9	1628	130	8.0	1268	182	14.4	858	59	6.9
Humboldt	3880	487	12.6	999	95	9.5	1988	327	16.4	893	65	7.3
Ida	3187	324	10.2	717	65	9.1	1978	219	11.1	492	40	8.1
Iowa	5880	752	12.8	1658	244	14.7	2557	405	15.8	1665	103	6.2
Jackson	6639	1171	17.6	3784	595	15.7	1753	410	23.4	1102	166	15.1
Jasper	13940	2239	16.1	6048	1157	19.1	5010	825	16.5	2882	257	8.9

Table 2. Number of Votes Cast, Number Cast by Absentee Ballot, and Percent Cast by Absentee Ballot by Party Affiliation in Iowa's Counties in the November Election of 1998 (continued).

County	Total			Democratic Party			Republican Party			Other/No Party		
	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes	Total Votes Cast	Absentee Votes	Percent Absentee Votes
Jefferson	6340	1193	18.8	1207	268	22.2	3737	739	19.8	1396	186	13.3
Johnson	33802	9532	28.2	16848	4954	29.4	7970	2693	33.8	8984	1885	21.0
Jones	7003	791	11.3	2390	183	7.7	2746	484	17.6	1867	124	6.6
Keokuk	4098	469	11.4	1736	194	11.2	1623	218	13.4	739	57	7.7
Kossuth	6829	902	13.2	2933	352	12.0	2535	445	17.6	1361	105	7.7
Lee	11700	2901	24.8	5526	1674	30.3	2989	630	21.1	3185	597	18.7
Linn	65373	11582	17.7	22164	4086	18.4	22289	5183	23.3	20920	2313	11.1
Louisa	3444	422	12.3	957	94	9.8	1847	263	14.2	640	65	10.2
Lucas	3120	552	17.7	1032	176	17.1	1512	307	20.3	576	69	12.0
Lyon	4091	533	13.0	562	36	6.4	3189	449	14.1	340	48	14.1
Madison	5363	668	12.5	2110	250	11.8	2165	331	15.3	1088	87	8.0
Mahaska	7087	1567	22.1	1856	443	23.9	3934	942	23.9	1297	182	14.0
Marion	10313	2334	22.6	3741	872	23.3	4421	1173	26.5	2151	289	13.4
Marshall	14204	3296	23.2	4896	1267	25.9	6279	1631	26.0	3029	398	13.1
Mills	3847	451	11.7	788	37	4.7	2576	379	14.7	483	35	7.2
Mitchell	4347	597	13.7	1264	166	13.1	1928	298	15.5	1155	133	11.5
Monona	3695	326	8.8	1553	122	7.9	1239	144	11.6	903	60	6.6
Monroe	2879	452	15.7	1501	203	13.5	915	192	21.0	463	57	12.3
Montgomery	4112	482	11.7	652	62	9.5	2815	385	13.7	645	35	5.4
Muscatine	10756	1761	16.4	2406	353	14.7	5898	1154	19.6	2452	254	10.4
O'Brien	4840	468	9.7	822	51	6.2	3170	365	11.5	848	52	6.1
Osceola	2253	188	8.3	379	15	4.0	1675	162	9.7	199	11	5.5
Page	5458	601	11.0	827	49	5.9	3723	479	12.9	908	73	8.0
Palo Alto	3834	381	9.9	1807	164	9.1	1328	163	12.3	699	54	7.7
Plymouth	7053	679	9.6	1481	73	4.9	4302	534	12.4	1270	72	5.7
Pocahontas	3002	280	9.3	939	70	7.5	1235	166	13.4	828	44	5.3
Polk	126057	20650	16.4	56147	9829	17.5	49149	9192	18.7	20761	1629	7.8
Pottawattamie	21588	3003	13.9	6649	832	12.5	11091	1886	17.0	3848	285	7.4
Poweshiek	6489	866	13.3	2256	374	16.6	2675	337	12.6	1558	155	9.9
Ringgold	2324	363	15.6	833	131	15.7	1195	197	16.5	296	35	11.8
Sac	4132	407	9.8	847	79	9.3	2323	260	11.2	962	68	7.1
Scott	47689	6168	12.9	13622	1753	12.9	20520	3581	17.5	13547	834	6.2
Shelby	4587	0	0.0	1759	0	0.0	1928	0	0.0	900	0	0.0
Sioux	10090	888	8.8	803	40	5.0	8243	794	9.6	1044	54	5.2
Story	24566	4063	16.5	8470	1404	16.6	9073	1995	22.0	7023	664	9.5
Tama	6437	688	10.7	2368	240	10.1	2537	361	14.2	1532	87	5.7
Taylor	2515	270	10.7	700	65	9.3	1409	171	12.1	406	34	8.4
Union	4796	1128	23.5	1576	442	28.0	2101	508	24.2	1119	178	15.9
Van Buren	2926	316	10.8	791	82	10.4	1672	201	12.0	463	33	7.1
Wapello	12008	2470	20.6	7066	1687	23.9	2940	484	16.5	2002	299	14.9
Warren	14534	2400	16.5	5900	1008	17.1	5432	1072	19.7	3202	320	10.0
Washington	7003	1181	16.9	1827	378	20.7	3624	607	16.7	1552	196	12.6
Wayne	2510	277	11.0	898	85	9.5	1160	158	13.6	452	34	7.5
Webster	12822	1740	13.6	5546	787	14.2	4276	703	16.4	3000	250	8.3
Winnebago	4187	350	8.4	1153	58	5.0	1849	245	13.3	1185	47	4.0
Winneshiek	6828	834	12.2	1797	213	11.9	3403	510	15.0	1628	111	6.8
Woodbury	26716	3535	13.2	8784	1495	17.0	11387	1643	14.4	6545	397	6.1
Worth	3265	306	9.4	992	100	10.1	1548	173	11.2	725	33	4.6
Wright	4814	528	11.0	1195	91	7.6	2632	378	14.4	987	59	6.0
State of Iowa	961258	146639	15.3	343846	55937	16.3	396154	70006	17.7	221258	20696	9.4

Table 3. Percent of Votes Cast by Absentee Ballot by Party Affiliation In Iowa's Counties in the November Elections of 1988-2000.

County	2000				1998				1996				1994				1992				1990				1988			
	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth
Adair	16.7	18.7	18.7	10.5	12.5	10.4	15.9	7.5	11.3	11.8	12.0	9.0	10.6	10.1	12.4	6.5	9.1	8.6	10.1	7.9	8.4	8.0	10.0	5.1	5.9	5.5	6.8	4.8
Adams	16.4	16.0	18.4	13.8	9.3	5.9	12.9	6.5	12.4	13.0	13.2	9.8	9.6	9.3	10.6	7.9	10.2	11.5	10.3	8.3	7.9	8.3	9.0	3.9	5.1	5.2	5.1	4.9
Allamakee	20.0	24.9	19.6	17.4	14.4	13.8	15.5	10.4	13.3	15.6	12.4	13.7	11.9	12.6	12.6	8.6	11.0	13.5	10.1	10.5	8.8	8.5	9.5	7.5	6.7	7.5	5.6	8.3
Appanoose	28.1	34.4	28.3	17.9	18.2	19.3	20.3	11.1	17.2	18.3	19.4	11.2	14.2	14.5	15.9	8.8	13.5	13.6	16.0	9.5	12.0	12.1	14.7	5.1	10.0	9.0	11.3	9.9
Audubon	24.1	22.4	23.8	27.1	11.8	10.7	15.1	8.0	14.3	14.2	16.9	11.1	10.4	8.3	14.8	6.5	10.9	10.5	11.4	11.1	11.6	11.6	12.3	10.7	6.9	5.7	7.7	8.7
Benton	17.3	19.9	23.2	11.4	12.2	11.7	18.5	6.4	11.9	12.6	14.6	8.8	7.6	7.1	11.3	4.3	7.6	8.6	9.8	5.2	5.1	5.1	7.4	3.2	5.0	4.4	5.8	4.9
Black Hawk	18.6	22.6	20.8	13.1	15.0	15.8	18.6	8.9	14.0	15.2	16.3	10.0	10.5	11.4	12.8	5.4	9.1	9.8	11.0	6.3	8.8	8.7	12.4	3.8	7.0	6.3	9.2	5.5
Boone	20.6	21.8	25.4	14.4	12.6	11.5	17.7	7.1	16.6	16.7	19.9	12.5	13.2	13.0	16.5	8.2	10.5	11.3	12.6	7.6	9.5	9.7	13.6	4.8	7.7	7.0	9.2	7.2
Bremer	14.4	18.9	17.1	9.2	11.5	13.1	14.6	6.0	11.2	14.2	12.2	8.2	8.5	9.4	10.6	4.8	7.7	10.0	7.5	6.2	5.2	5.4	7.9	2.1	4.9	5.2	5.9	3.8
Buchanan	16.4	19.1	19.4	11.0	13.1	14.0	17.0	7.5	13.0	13.7	15.4	10.0	8.8	8.0	12.6	5.2	9.3	9.3	11.6	7.3	6.3	4.6	11.2	2.9	5.6	4.8	7.6	4.4
Buena Vista	14.7	15.6	17.1	11.2	8.7	6.0	12.1	5.1	13.7	14.3	14.6	12.1	10.6	10.8	12.7	6.0	9.9	10.9	11.0	7.7	9.2	9.5	10.9	5.8	7.7	7.6	8.2	7.2
Butler	15.9	15.0	18.1	11.8	12.1	11.1	13.8	6.7	12.6	11.8	13.3	11.3	9.5	8.5	11.2	4.7	7.9	8.8	7.5	8.1	8.0	6.4	9.5	4.4	5.0	4.5	5.2	5.2
Calhoun	16.1	17.6	20.9	10.2	11.0	7.6	16.5	6.2	13.5	14.7	16.6	9.6	10.1	9.3	14.0	5.6	11.1	13.1	13.5	7.4	0.8	0.8	0.9	0.7	8.7	7.4	10.8	7.9
Carroll	16.2	17.7	19.4	11.6	9.4	8.3	14.6	6.3	12.5	11.8	15.9	10.5	8.9	8.1	12.4	6.6	10.0	10.5	11.2	8.3	0.0	0.0	0.0	0.0	6.2	5.3	8.2	6.9
Cass	13.7	14.7	14.1	12.1	9.4	6.8	11.3	5.3	12.5	15.5	12.0	10.9	10.6	11.1	11.4	6.5	9.4	10.9	8.2	11.2	9.9	8.9	10.5	9.3	6.8	6.6	6.3	8.9
Cedar	17.5	22.4	20.6	11.6	12.3	11.5	17.5	6.6	12.0	12.8	13.5	9.8	9.5	10.8	9.8	7.8	8.9	11.2	9.3	6.5	8.9	9.9	11.4	4.6	6.4	7.0	6.7	5.4
Cerro Gordo	26.3	30.2	30.3	17.7	19.7	21.5	23.9	11.3	18.9	21.3	21.4	13.1	14.9	15.5	18.1	8.3	12.4	13.7	14.6	8.6	9.5	9.6	13.3	4.6	7.1	7.1	8.9	5.1
Cherokee	15.2	13.8	16.7	13.8	8.0	5.4	10.7	5.5	10.3	10.1	11.4	8.5	9.2	8.6	10.8	5.5	10.3	10.1	11.0	9.4	8.5	7.3	10.5	7.0	7.6	6.5	8.2	8.4
Chickasaw	24.2	26.5	25.5	19.7	18.3	19.1	22.1	11.3	16.2	17.0	17.3	13.5	17.3	17.9	17.9	15.5	12.7	14.3	14.2	8.8	12.2	13.2	15.4	5.4	8.9	9.3	9.2	7.8
Clarke	29.4	33.1	31.4	22.2	28.6	29.1	27.5	29.4	23.1	25.6	23.3	19.1	17.6	17.2	19.7	13.7	15.3	14.8	18.5	11.9	12.8	10.2	17.5	9.2	10.7	9.2	12.9	9.7
Clay	16.3	18.9	17.7	11.2	8.0	5.3	10.6	5.0	11.3	12.3	12.2	8.9	9.2	9.8	10.9	4.5	8.5	9.8	8.6	7.4	7.8	9.0	9.1	3.9	6.9	6.5	7.7	6.1
Clayton	14.1	14.3	16.5	11.2	11.3	10.5	13.9	8.5	11.1	12.1	11.5	9.6	8.8	9.4	9.9	6.2	9.3	10.0	9.4	8.6	7.8	7.3	9.7	6.1	6.6	5.3	7.2	7.6
Clinton	16.3	19.3	20.6	10.4	12.6	14.1	15.6	7.2	12.5	14.8	13.3	9.4	11.1	12.6	12.3	7.2	10.7	11.7	12.3	8.4	8.3	9.2	11.2	4.0	7.3	7.3	8.3	6.4
Crawford	12.6	12.2	15.0	10.1	9.1	7.8	12.0	5.6	10.3	10.4	11.8	8.2	7.7	7.2	9.5	5.8	8.6	7.2	10.8	8.4	6.1	4.6	9.2	4.6	4.6	3.3	5.6	5.4
Dallas	25.3	28.4	30.3	16.7	21.1	23.8	24.4	12.5	17.2	18.5	19.8	12.5	13.0	12.9	15.9	8.0	10.5	11.4	11.7	7.8	9.6	9.2	13.7	5.4	6.9	6.5	8.4	6.2
Davis	19.7	20.7	21.6	15.0	14.6	12.6	19.2	12.7	16.3	16.8	16.8	14.2	12.9	13.6	13.3	9.9	12.5	12.6	13.0	11.6	10.5	10.4	12.6	6.8	8.6	9.0	8.7	6.9
Decatur	21.3	21.8	21.3	20.4	11.4	9.6	14.0	9.2	13.2	14.7	13.6	8.8	10.0	10.0	11.6	5.7	10.2	10.8	10.4	8.7	7.8	7.7	8.7	5.7	6.0	4.9	6.8	7.1
Delaware	17.6	20.7	18.9	14.0	12.9	11.6	17.4	7.5	12.7	12.4	14.2	11.2	11.8	11.8	15.2	6.5	9.5	10.3	11.0	7.3	9.5	7.9	13.2	5.6	7.1	7.2	7.7	6.1
Des Moines	24.4	27.1	24.3	17.8	18.1	19.8	18.2	13.0	16.0	17.3	16.5	12.6	11.8	12.5	13.9	6.6	12.0	12.7	12.8	10.1	11.2	11.7	12.8	8.7	6.2	5.2	7.8	6.5
Dickinson	20.8	21.3	26.3	13.7	14.3	10.1	21.3	7.9	17.0	17.5	19.9	12.8	15.1	14.0	19.3	8.5	14.4	14.1	17.0	12.2	12.1	11.3	16.3	7.6	11.0	9.3	13.7	9.5
Dubuque	21.9	23.6	26.9	15.3	13.8	14.3	17.5	8.4	15.7	16.5	18.1	11.8	10.8	10.7	14.4	6.2	10.6	11.5	12.6	7.4	9.1	9.1	13.4	5.2	5.0	4.4	7.1	4.6
Emmet	14.4	15.8	16.1	11.1	9.2	5.8	15.4	4.5	10.7	13.2	9.3	9.0	9.5	9.5	11.4	4.9	10.9	11.1	11.3	10.1	8.7	7.6	11.8	5.0	8.5	7.2	10.3	8.1
Fayette	18.6	22.7	18.7	14.9	14.4	14.3	17.0	10.2	15.4	17.6	16.1	12.1	11.5	13.0	13.3	6.3	11.1	12.8	12.1	8.0	10.1	10.8	12.3	5.4	8.0	9.0	7.7	7.2

Table 3. Percent of Votes Cast by Absentee Ballot by Party Affiliation In Iowa's Counties in the November Elections of 1988-2000 (continued).

County	2000				1998				1996				1994				1992				1990				1988			
	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth
Floyd	27.0	28.7	35.3	17.7	16.6	16.6	23.3	8.7	14.9	14.6	19.2	10.2	14.8	12.8	19.3	9.9	10.9	11.5	13.7	7.2	7.8	6.4	11.7	3.6	6.6	5.7	8.8	4.7
Franklin	17.7	19.3	18.6	13.4	12.1	9.5	14.6	7.7	12.9	16.2	12.4	10.9	8.6	8.1	9.3	6.5	8.1	9.4	8.3	6.2	7.1	7.5	7.7	4.7	5.3	5.5	5.9	3.1
Fremont	13.5	12.4	16.5	9.4	8.9	4.9	12.0	5.4	9.9	8.0	12.2	8.0	9.0	8.6	10.1	6.1	9.6	9.1	9.9	9.6	10.7	9.4	11.6	10.5	6.9	5.4	7.3	8.7
Greene	16.2	17.2	17.9	12.6	10.2	8.9	12.0	8.3	12.1	14.1	12.4	8.7	9.9	9.6	12.4	5.1	9.7	10.7	10.2	7.6	4.3	4.9	4.8	2.8	5.9	4.7	6.7	6.9
Grundy	18.7	20.9	20.5	13.2	12.9	12.9	14.5	8.4	11.0	11.9	12.0	8.1	10.2	8.8	11.6	6.4	8.6	9.2	8.6	8.1	7.1	6.5	8.3	3.8	6.6	6.6	6.5	6.5
Guthrie	16.6	15.9	18.3	14.6	14.2	10.6	17.5	11.5	13.2	12.1	14.6	11.8	10.9	9.8	13.0	6.6	10.0	9.3	10.9	9.7	9.0	6.8	13.0	4.9	7.0	6.0	8.3	6.4
Hamilton	18.8	21.9	22.0	12.3	11.5	9.7	16.2	5.8	15.8	19.2	17.2	10.4	15.5	18.6	16.2	9.7	15.4	18.8	15.1	11.7	9.1	10.7	11.0	3.5	6.6	6.2	7.9	5.4
Hancock	14.1	15.9	15.8	9.4	10.7	8.3	13.2	5.7	11.1	12.3	11.5	8.9	10.1	9.0	11.3	7.7	9.3	8.5	9.8	9.3	6.6	5.2	8.8	3.3	6.1	6.0	6.5	5.5
Hardin	19.9	21.9	23.6	12.5	15.3	13.8	19.0	9.4	16.3	18.9	16.5	13.0	12.5	12.8	14.3	7.9	12.4	14.0	13.4	9.3	12.3	14.7	12.1	8.9	8.5	8.6	8.3	8.7
Harrison	12.8	11.4	16.0	9.1	7.0	4.4	10.6	3.2	9.2	10.2	9.8	6.7	7.5	6.9	8.3	7.0	7.1	6.7	7.1	7.8	6.4	4.8	8.8	4.6	5.7	5.2	5.2	7.7
Henry	24.0	28.6	24.8	18.2	17.8	22.2	16.9	13.6	18.1	22.3	18.0	15.1	17.7	20.8	18.2	13.6	10.4	11.9	10.3	9.5	7.9	8.1	9.5	4.7	5.9	5.9	5.9	5.8
Howard	14.5	14.2	17.4	12.1	9.9	8.0	14.4	6.9	10.1	8.5	12.9	9.0	8.6	7.1	12.1	5.9	8.8	8.1	11.7	6.8	7.9	6.9	11.9	4.2	5.6	4.3	7.1	5.9
Humboldt	17.2	19.8	19.7	11.9	12.6	9.5	16.4	7.3	13.0	13.8	14.1	10.6	9.9	8.8	11.8	6.8	10.0	9.4	11.2	9.1	8.3	7.7	11.1	4.5	6.6	5.7	7.6	6.1
Ida	14.1	15.4	14.2	12.3	10.2	9.1	11.1	8.1	10.8	11.8	10.6	9.8	8.5	8.4	9.4	4.6	9.7	9.7	9.2	10.5	8.4	7.5	9.8	6.7	5.9	4.4	6.4	6.9
Iowa	16.0	19.9	18.7	10.6	12.8	14.7	15.8	6.2	12.8	14.9	14.0	9.5	8.9	8.6	11.7	4.6	8.8	10.5	9.5	6.6	7.2	6.2	9.8	4.3	5.6	4.6	6.1	6.0
Jackson	25.2	26.2	29.3	19.0	17.6	15.7	23.4	15.1	16.0	15.8	18.3	13.3	10.0	8.1	14.0	6.6	9.1	8.5	10.6	8.9	7.0	5.4	11.0	6.0	5.3	4.2	7.4	5.4
Jasper	22.0	24.9	24.6	13.7	16.1	19.1	16.5	8.9	14.9	17.4	15.0	10.0	13.1	14.3	15.0	7.1	11.2	12.1	12.1	8.6	8.3	8.5	11.0	4.0	5.5	5.2	6.8	4.3
Jefferson	24.9	31.8	25.7	18.6	18.8	22.2	19.8	13.3	15.8	16.3	16.5	13.9	10.1	8.2	14.5	5.3	9.8	9.4	11.4	8.7	8.5	8.1	10.4	6.2	6.0	5.0	7.0	5.5
Johnson	39.1	44.0	41.0	32.0	28.2	29.4	33.8	21.0	30.4	33.6	30.4	25.5	24.0	25.4	26.4	18.3	16.9	19.4	16.9	13.3	10.6	11.1	15.2	5.7	5.6	5.4	7.5	4.7
Jones	18.3	20.3	21.5	13.2	11.3	7.7	17.6	6.6	11.6	11.3	14.8	8.1	9.2	8.0	12.0	6.1	8.5	8.3	9.6	7.6	7.2	7.0	9.3	4.4	5.1	4.2	6.2	5.1
Keokuk	18.2	21.9	17.9	13.2	11.4	11.2	13.4	7.7	15.4	18.5	14.0	11.8	13.9	15.5	13.3	12.1	10.6	11.2	9.7	11.1	9.5	8.5	11.7	7.6	7.9	6.3	9.4	8.1
Kossuth	20.4	21.4	21.6	17.7	13.2	12.0	17.6	7.7	13.7	13.7	15.6	10.6	10.0	9.8	12.6	5.6	10.3	9.9	12.0	9.3	8.2	7.4	11.8	4.8	6.7	6.0	8.4	5.9
Lee	29.2	36.8	27.4	21.1	24.8	30.3	21.1	18.7	20.2	24.3	18.4	15.8	15.8	18.7	16.6	9.8	11.6	13.3	11.5	9.2	10.7	12.2	12.0	7.0	9.3	10.0	9.5	7.9
Linn	23.3	*	*	*	17.7	18.4	23.3	11.1	17.8	20.0	20.5	13.4	12.1	12.3	16.5	6.3	10.0	11.2	12.8	6.9	9.0	9.5	14.3	4.2	6.6	6.5	9.2	5.0
Louisa	19.7	22.4	21.1	14.7	12.3	9.8	14.2	10.2	8.2	8.9	8.3	7.4	10.7	8.2	13.1	5.7	8.2	8.7	8.9	6.1	8.2	6.2	10.2	4.8	5.7	4.0	6.4	6.5
Lucas	26.8	30.5	27.6	21.3	17.7	17.1	20.3	12.0	17.4	17.9	18.1	15.2	13.7	12.5	14.8	13.4	14.2	13.0	15.2	14.4	11.1	8.9	13.6	9.9	9.2	8.6	9.4	9.9
Lyon	13.9	12.4	14.9	10.6	13.0	6.4	14.1	14.1	8.6	8.7	8.5	8.6	7.4	7.0	7.8	3.8	6.2	7.9	5.8	6.4	6.4	5.7	7.1	2.7	5.1	4.0	5.2	6.2
Madison	19.2	21.6	20.7	14.6	12.5	11.8	15.3	8.0	15.6	16.2	17.6	11.5	12.2	11.3	15.0	7.4	10.5	10.9	12.8	7.0	8.9	8.4	11.2	5.5	7.2	5.9	9.3	6.5
Mahaska	29.3	34.9	30.8	21.3	22.1	23.9	23.9	14.0	25.1	28.7	25.5	19.8	14.2	13.6	15.3	10.7	9.7	11.4	9.3	8.2	8.3	8.1	9.7	5.4	5.2	5.0	5.7	4.6
Marion	31.8	34.9	36.3	21.8	22.6	23.3	26.5	13.4	23.5	24.3	26.8	17.1	13.6	11.9	17.4	8.4	10.8	12.1	10.4	9.4	8.2	7.9	11.2	4.0	5.4	4.8	6.5	5.2
Marshall	32.0	37.3	34.0	22.2	23.2	25.9	26.0	13.1	28.8	32.5	29.5	22.3	23.1	24.9	24.9	16.0	17.8	20.3	18.6	13.3	12.2	13.3	14.0	7.3	7.6	7.3	8.5	6.6
Mills	14.2	17.1	15.3	9.1	11.7	4.7	14.7	7.2	12.5	11.9	13.2	10.7	11.6	10.1	12.7	8.8	9.2	11.6	8.1	9.7	7.7	6.0	9.1	5.0	7.0	7.1	6.2	9.3
Mitchell	15.8	19.0	16.8	11.6	13.7	13.1	15.5	11.5	11.8	13.7	12.5	9.1	10.8	11.3	12.6	6.6	11.0	13.8	10.1	9.5	7.8	7.6	9.6	4.5	6.9	5.4	8.2	6.8

*In Linn County, comparisons across years suggested that the numbers provided for registration by political party contained inaccurate information in 2000; because of this, percentages for the state by political party are not reported for that year.

Table 3. Percent of Votes Cast by Absentee Ballot by Party Affiliation In Iowa's Counties in the November Elections of 1988-2000 (continued).

County	2000				1998				1996				1994				1992				1990				1988			
	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth	Tot	Dem	Rep	Oth
Monona	14.9	15.8	18.6	9.7	8.8	7.9	11.6	6.6	10.8	11.9	12.7	7.4	9.5	9.7	11.1	6.8	7.6	8.3	8.7	5.9	7.9	7.3	12.1	3.9	6.5	6.3	9.0	4.6
Monroe	20.8	20.8	23.0	17.7	15.7	13.5	21.0	12.3	17.1	17.1	18.5	14.3	17.0	14.5	20.5	16.4	15.7	15.8	16.9	13.8	11.8	9.9	14.3	13.6	8.6	7.3	10.2	10.1
Montgomery	19.4	20.3	20.6	13.7	11.7	9.5	13.7	5.4	12.9	15.6	13.5	8.7	12.2	13.7	13.4	5.6	11.1	12.5	11.5	8.9	9.4	7.3	11.5	5.4	6.9	7.8	7.0	5.6
Muscatine	20.5	22.4	24.3	13.0	16.4	14.7	19.6	10.4	15.6	15.7	18.1	11.3	12.5	11.3	15.2	7.9	9.7	9.3	11.4	7.9	10.1	9.1	13.3	6.5	5.1	4.2	6.5	4.1
O'Brien	13.7	13.8	15.3	9.9	9.7	6.2	11.5	6.1	9.6	10.8	9.8	8.2	7.5	7.5	8.4	4.4	8.4	8.7	8.3	8.3	6.4	5.9	7.7	4.0	5.4	5.1	5.4	5.5
Osceola	11.7	9.8	12.9	9.2	8.3	4.0	9.7	5.5	9.3	7.9	9.9	8.3	7.6	7.5	8.3	2.6	8.4	8.4	7.9	10.0	6.0	5.0	6.1	8.0	5.9	4.4	6.1	7.6
Page	14.5	19.4	14.7	10.8	11.0	5.9	12.9	8.0	12.2	13.0	12.9	9.7	9.4	9.1	10.4	5.3	9.0	9.5	9.2	8.2	7.4	6.6	8.9	3.1	6.0	5.2	6.0	6.5
Palo Alto	16.5	18.4	17.5	11.9	9.9	9.1	12.3	7.7	12.8	13.9	12.4	11.1	9.2	9.0	10.6	6.2	11.1	11.4	12.3	9.5	8.9	8.2	12.2	7.2	10.3	10.1	10.5	10.9
Plymouth	15.4	13.6	18.6	10.4	9.6	4.9	12.4	5.7	9.2	8.8	10.2	7.3	7.5	6.0	9.1	4.2	7.4	7.9	7.3	7.3	6.1	5.9	7.5	4.0	5.0	4.3	5.5	5.0
Pocahontas	17.9	20.0	20.1	13.9	9.3	7.5	13.4	5.3	12.3	13.4	13.5	10.0	9.7	9.1	12.2	6.4	11.0	12.1	11.4	9.6	7.9	7.4	10.9	5.2	7.3	6.4	9.5	6.1
Polk	22.6	24.7	27.0	13.6	16.4	17.5	18.7	7.8	18.5	19.4	20.5	12.6	17.7	18.5	19.4	11.2	9.9	10.9	10.6	6.6	12.3	13.6	13.3	6.0	6.3	5.9	8.0	4.7
Pottawattamie	17.0	19.4	19.8	9.6	13.9	12.5	17.0	7.4	12.4	13.3	13.8	8.5	0.0	0.0	0.0	0.0	0.6	0.3	0.5	1.1	9.9	12.4	10.1	5.2	6.3	6.0	6.8	6.0
Poweshiek	19.0	21.7	20.1	14.4	13.3	16.6	12.6	9.9	14.0	15.9	13.4	12.5	11.6	12.6	12.2	8.6	10.5	11.2	10.2	9.7	9.6	8.6	11.8	7.7	6.8	6.9	6.9	6.3
Ringgold	19.4	20.1	20.5	15.2	15.6	15.7	16.5	11.8	16.8	16.0	18.7	12.6	12.4	11.1	14.4	7.8	12.8	11.5	12.8	15.5	10.6	10.0	10.8	11.4	7.6	6.7	8.1	8.7
Sac	12.6	12.7	14.4	9.5	9.8	9.3	11.2	7.1	9.6	11.3	9.4	8.9	8.2	7.0	10.0	4.6	7.1	7.8	7.2	6.4	7.4	6.4	9.3	4.9	5.6	3.1	6.3	6.8
Scott	17.5	21.6	20.4	12.1	12.9	12.9	17.5	6.2	14.7	17.0	16.9	10.1	11.4	11.9	14.3	5.9	9.1	10.1	10.6	6.9	1.1	1.4	1.5	.5	6.6	6.6	8.3	5.1
Shelby	14.7	14.6	17.8	9.4	0.0	0.0	0.0	0.0	10.3	10.4	12.7	6.5	8.8	8.4	11.6	4.7	9.4	9.8	10.2	7.9	5.6	5.3	6.9	3.8	5.6	4.3	6.3	6.8
Sioux	11.6	12.2	12.5	7.3	8.8	5.0	9.6	5.2	8.5	8.0	8.7	7.5	7.2	5.5	7.7	3.8	5.9	7.9	5.8	5.3	5.7	3.8	6.7	2.5	4.3	4.8	4.2	4.5
Story	27.1	33.2	29.6	19.9	16.5	16.6	22.0	9.5	19.5	21.8	22.9	13.3	14.3	14.5	17.6	8.4	8.9	9.9	11.1	5.9	7.3	7.8	10.3	3.3	4.9	5.1	6.2	3.6
Tama	16.6	19.2	18.6	10.8	10.7	10.1	14.2	5.7	11.5	12.6	12.6	8.1	10.0	9.7	12.3	5.6	8.7	8.6	9.7	7.6	7.3	6.8	9.7	4.7	6.4	5.8	7.6	5.6
Taylor	17.4	18.4	18.7	13.0	10.7	9.3	12.1	8.4	14.6	14.7	14.5	14.5	9.3	9.0	10.7	5.0	10.8	11.8	11.1	8.8	11.5	12.4	12.3	8.1	6.2	4.7	7.6	4.9
Union	31.7	39.2	32.4	21.7	23.5	28.0	24.2	15.9	22.7	26.2	23.6	16.5	26.4	28.2	25.4	25.6	15.9	19.1	17.3	10.2	15.0	18.1	15.4	8.6	11.8	14.8	10.5	9.4
Van Buren	12.7	13.3	12.7	12.0	10.8	10.4	12.0	7.1	10.8	11.8	10.3	11.0	9.5	8.2	10.7	7.2	9.5	11.1	8.2	10.0	9.6	9.0	9.3	11.9	5.8	5.2	6.2	5.1
Wapello	22.8	27.7	20.6	13.4	20.6	23.9	16.5	14.9	18.0	19.6	18.8	12.9	14.6	15.0	16.1	10.3	15.9	16.7	15.9	13.6	10.1	10.5	12.6	6.1	6.5	6.3	7.2	6.5
Warren	22.6	27.0	23.8	15.6	16.5	17.1	19.7	10.0	16.6	17.7	18.2	12.6	13.0	12.9	15.5	8.2	9.3	9.6	10.7	7.1	8.4	7.8	11.5	5.3	5.7	5.2	7.0	5.1
Washington	19.8	23.2	21.3	14.6	16.9	20.7	16.7	12.6	14.1	14.3	15.2	11.5	15.1	16.5	14.2	15.6	9.7	11.0	10.5	7.2	8.5	6.6	11.3	6.1	6.4	4.6	8.1	5.9
Wayne	17.3	18.0	19.2	13.2	11.0	9.5	13.6	7.5	12.3	12.5	13.4	10.0	11.0	10.4	12.4	8.4	10.4	10.7	10.2	10.0	8.2	8.0	9.5	5.0	8.0	7.2	7.8	10.4
Webster	20.1	23.6	21.2	14.1	13.6	14.2	16.4	8.3	16.1	17.4	18.1	11.6	11.9	11.8	14.8	7.1	11.8	11.8	15.7	8.6	9.1	8.4	13.6	6.0	7.3	7.0	8.3	6.9
Winnebago	12.0	14.1	15.2	7.3	8.4	5.0	13.3	4.0	9.9	10.5	11.9	7.3	8.4	8.8	10.9	4.4	8.1	8.0	10.6	5.9	7.1	5.5	11.1	3.6	6.5	5.1	8.8	5.1
Winneshiek	19.6	21.7	22.3	14.6	12.2	11.9	15.0	6.8	12.0	14.9	11.1	10.7	7.8	7.4	9.5	4.3	8.0	8.3	8.9	6.6	6.5	6.6	7.3	4.9	5.2	5.3	5.4	5.0
Woodbury	18.4	23.2	19.2	12.4	13.2	17.0	14.4	6.1	13.2	16.4	14.0	8.4	11.5	13.9	11.9	7.3	10.5	12.3	11.5	7.6	8.3	8.5	11.3	4.4	7.0	7.5	8.3	5.2
Worth	11.9	14.5	11.7	9.3	9.4	10.1	11.2	4.6	9.1	10.4	9.1	7.4	7.7	8.7	7.8	5.8	9.0	9.3	10.3	6.6	6.6	5.0	9.9	4.2	5.4	3.6	7.1	6.2
Wright	16.3	18.5	17.5	11.9	11.0	7.6	14.4	6.0	13.9	15.1	14.4	11.5	12.4	14.7	12.3	9.3	10.6	12.7	10.5	8.9	7.7	6.4	11.3	3.4	5.9	5.2	6.7	5.6
State of Iowa	21.2	*	*	*	15.3	16.3	17.7	9.4	15.9	18.0	16.8	12.0	12.7	13.5	14.3	7.9	10.2	11.4	10.8	7.9	8.8	9.2	10.9	4.8	6.5	6.1	7.6	5.7

Votes on Holding a Constitutional Convention in Iowa's Counties: 1950-2000

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Every 10 years, residents of Iowa are given an opportunity to vote on holding a constitutional convention. The wording of the issue is as follows: " Shall there be a convention to revise the constitution, and propose amendment or amendments to same?" If the proposition is supported by a majority of votes, then such a convention would be held, with members of Iowa's general assembly setting the law for electing delegates. Amendments resulting from a convention would be submitted to voters, with the majority deciding whether or not such amendments would be ratified and then added to the constitution of the State of Iowa.

The proposition to hold a constitutional convention never has won the majority of votes. In 2000, 297,877 votes were in favor but 628,842 were against the issue (Table 1). That difference of nearly 331,000 votes was greater than all others when the 1950, 1960, 1970, 1980, 1990, and 2000 elections are examined. Far more total votes were cast on the issue in 1960, 1980, and 2000 than the other three years reported, primarily because these were years that included the office of President of the United States on the ballot.

In 2000, two-thirds (67.9%) of the voters were against the issue (Table 2). In 1990, even more opposition was voiced, with those against the measure accounting for nearly three-quarters (73.2%) of the votes cast. The 1970 percentages for (48.8%) and against (51.2%) holding a constitutional convention were the closest among the six elections examined. In that year, those against the matter won by only 10,146 votes. In other years, the issue was defeated by from 64,000 (1960) to 311,000 (1990) votes.

Those against the measure outnumbered those in favor of it in most counties each year. In 1990 and 2000, those against the measure prevailed in all 99 counties. Voters in a few counties favored holding a constitutional convention in 1950 (8) and 1980 (4). The highest numbers of counties with voters favoring having such a convention occurred in 1960 (16) and 1970 (20). Many of the counties with more "yes" than "no" votes contained relatively large populations. In Dubuque, Johnson, Linn, Scott, and Webster, the issue carried in 1950, 1960, and 1970. In 74 of Iowa's 99 counties, however, those against holding a constitutional convention prevailed in each decennial election from 1950 through 2000.

Note: Readers can review the biennial [Iowa Official Register](#) for additional information on elections. Before data appear in a register, they are available as the Official Canvas Summary from the office of Iowa's Secretary of State (State Capitol Building, Des Moines, IA 50319) and on that unit's web site. The canvas for 2000 indicated that Henry County had more "yes" than "no" votes for a constitutional convention that year; according to a county official, that was not correct but because the results had been reversed before they were certified, they remained that way in initial reporting of the official canvas. They are listed according to the actual tabulation (more "no" than "yes" votes) in Table 1.

Table 1. Number of Votes on Holding a Constitutional Convention in Iowa's Counties, 1950-2000.

County	2000		1990		1980		1970		1960		1950	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Adair	859	2196	887	2441	1327	2907	822	1113	1141	3987	933	2579
Adams	415	1134	368	1383	1084	1488	634	1011	528	3182	636	2089
Allamakee	1306	3095	856	2231	2340	2915	850	1392	1556	5947	1681	3293
Appanoose	727	2581	455	1526	1962	2894	1489	1893	2447	4521	2831	3539
Audubon	660	2020	386	1142	1298	1762	894	1238	1085	3780	1242	2761
Benton	2822	5821	1261	3817	3460	4820	996	1064	4093	5915	1920	3422
Black Hawk	14316	26020	7430	18174	22116	31231	9530	10542	35807	12792	9085	4741
Boone	2616	5914	1131	3343	3516	6271	1547	1681	2915	3647	2087	4034
Bremer	2685	4823	1096	3639	3506	5201	1556	1806	2452	6325	1757	2515
Buchanan	2417	4664	1625	4663	3464	4836	2210	2849	3773	5196	2073	3731
Buena Vista	1788	3737	1457	3634	3363	4479	1359	1499	1723	6004	1920	3493
Butler	1431	3743	882	2352	2618	3116	803	1251	1550	5662	1324	3005
Calhoun	1146	2211	715	1965	1877	2851	578	690	1592	3261	1161	2196
Carroll	1919	3801	1092	2720	2715	4344	996	1314	3820	6275	2338	3575
Cass	1459	2996	1290	3175	2477	3142	839	1282	1717	6155	2193	3961
Cedar	2028	4455	1147	3802	2282	3881	1910	1855	2453	5538	1884	2850
Cerro Gordo	5561	10353	3127	6951	7048	12016	3242	2749	8325	6425	926	1464
Cherokee	1581	3050	869	2070	2331	3724	1753	1963	2114	5552	1596	2854
Chickasaw	1650	3285	940	3165	2690	4109	1343	2434	1748	5490	1594	3180
Clarke	812	2550	666	2008	1500	2438	742	1135	1011	2967	881	1965
Clay	1831	3950	1165	3002	2715	4588	791	860	1564	3974	1163	2311
Clayton	1159	2781	989	3233	3067	3692	1024	1502	3125	7268	2748	4441
Clinton	4567	9390	3588	8622	7832	10276	3579	3039	13460	7753	1513	2024
Crawford	807	1608	780	1773	2455	2432	692	761	2095	5543	1840	2704
Dallas	4343	10207	2194	6600	3842	6683	1353	1513	2317	3739	3010	4547
Davis	715	2039	663	2144	1222	2230	823	1287	1123	3168	1141	2328
Decatur	788	2118	480	1725	1571	2455	909	1210	873	3642	1421	2928
Delaware	1253	2866	916	2912	2517	3824	1692	2101	2770	5241	1519	3884
Des Moines	4050	10923	2880	8887	5190	10202	3724	3450	11186	8002	5628	6542
Dickinson	1924	4104	910	3455	2256	3250	832	747	1033	2860	435	962
Dubuque	15844	18822	5458	15465	11898	18473	8119	5055	20729	8346	5966	4656
Emmet	1058	1908	722	1444	1459	3013	693	694	1996	4384	1480	1910
Fayette	1975	4253	1462	4950	4565	4974	2587	4147	4498	8316	2906	3906
Floyd	1860	3450	1220	2948	2762	3965	1041	1079	2244	4082	2085	2737
Franklin	1112	2084	611	1792	1859	2725	677	845	1791	4748	1062	2887
Fremont	778	1773	725	1695	1200	1710	449	873	969	3703	1053	2443
Greene	939	2147	797	2561	1779	3061	689	875	1761	4481	334	1004
Grundy	1183	2656	730	2373	2226	3313	905	1178	1485	4989	1344	2592
Guthrie	1064	2900	571	2138	1885	3211	1119	1511	1648	4656	1482	3103
Hamilton	1723	3650	1345	4229	2632	4426	911	949	2141	3519	543	1391
Hancock	1419	2219	1039	2457	2110	2886	658	802	1072	3602	1695	2447
Hardin	1846	3781	1457	4274	2675	4917	1242	1533	2092	3647	977	1713
Harrison	1434	3385	1224	2740	3313	2814	1835	1916	1763	5656	2095	3587
Henry	1777 ¹	4368 ¹	1522	3844	2516	5226	1710	2299	2657	4732	1940	3608
Howard	1185	2060	984	2293	2088	3081	1139	1879	1682	4256	1593	2612
Humboldt	876	2393	871	2027	1655	2643	784	865	1176	2895	1464	2137
Ida	608	1313	810	2739	1509	2032	1066	1395	571	4542	1158	1856
Iowa	1523	3659	546	1297	2280	3661	940	782	1641	4275	411	998
Jackson	1394	3281	727	2022	2348	3056	1181	961	1485	3731	967	1151
Jasper	3174	9285	2145	7296	4731	8271	2090	2415	4005	5517	3028	5491

¹The 2000 official canvas of votes indicated 4,368 "yes" and 1,777 "no" votes in Henry County; a call to a county official revealed that they should be reversed and that has been done here and for the total for the state.

²The total "no" votes in 1960 reported in the Iowa Official Register was 534,628 although the sum of the votes across the counties is 535,618. In 1970, one more "no" vote was reported in the total than when county results are summed.

Table 1. Number of Votes on Holding a Constitutional Convention in Iowa's Counties, 1950-2000 (continued).

County	2000		1990		1980		1970		1960		1950	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Jefferson	1875	3649	1397	3110	2508	4016	1451	2002	1877	5062	1405	3903
Johnson	13478	25288	5999	18704	10303	25895	6552	4034	14512	6038	5508	5425
Jones	2226	5159	1719	4326	3054	5201	2333	2361	3260	5549	2348	3384
Keokuk	546	1873	640	2236	1671	2950	1301	1908	1931	5564	2059	3650
Kossuth	1944	4274	1041	2480	2825	4687	1551	1449	3233	7829	2247	4249
Lee	3947	7984	2386	5718	5424	8436	5490	4786	10057	8154	4391	8388
Linn	22532	49961	13645	35131	22397	39128	15012	11092	44082	12084	7266	4304
Louisa	819	2270	781	2249	1663	2266	1021	1134	1335	3186	1166	2093
Lucas	860	2352	881	2317	1598	2602	936	1403	1385	3750	1150	2495
Lyon	954	2023	668	1258	1423	2845	1072	1235	1472	4333	1380	1999
Madison	1388	4042	1028	3740	2274	3357	1094	1812	1864	3808	1276	2469
Mahaska	1652	4739	1197	3512	2771	5341	1140	1633	2211	4373	1632	3440
Marion	2863	8078	1242	3852	3569	6687	1226	1761	2868	7030	2547	4451
Marshall	4225	10006	3168	9051	6509	10969	2863	2282	5820	4967	2796	6383
Mills	1356	3189	732	1538	1672	2071	813	1254	1433	4034	1210	2028
Mitchell	1243	2105	899	1944	2093	2522	1320	1602	1710	4729	1482	2242
Monona	981	2198	470	1016	1741	2112	1269	1561	1849	4298	1588	2825
Monroe	758	1787	847	2085	1383	2199	851	1031	1112	3889	1622	2671
Montgomery	1161	2937	573	1078	1790	2344	1003	1254	2059	4256	1551	2868
Muscatine	3721	8303	2657	5852	5513	6341	1931	1378	6949	5768	713	1071
O'Brien	1327	2856	984	2436	2329	4117	1220	1169	1501	7347	2111	3098
Osceola	584	1247	521	1255	1092	1559	884	941	801	3661	878	1885
Page	1603	3575	1072	2963	2504	3460	1213	1912	2531	6323	1997	3934
Palo Alto	702	1560	541	1717	1655	2609	715	749	1799	4859	1760	3326
Plymouth	2435	4667	1423	3111	3862	4193	2066	2197	2336	7906	1700	4648
Pocahontas	842	1838	529	1684	1717	2561	673	803	734	4500	1251	3069
Polk	36874	78725	24665	74021	40867	72686	15910	17337	64889	15635	14354	8392
Pottawattamie	7465	18194	4300	8330	11809	11219	3099	2787	3315	4505	1111	1954
Poweshiek	1883	4249	1039	3188	2354	5053	1230	1457	2131	4271	1673	4088
Ringgold	547	1435	751	1457	1393	1441	566	838	778	3058	934	2161
Sac	1150	2458	950	2579	2048	2782	1393	1644	1302	6116	1895	2934
Scott	18365	33708	7439	20215	21581	31544	10684	9134	23644	7199	11520	3671
Shelby	1175	2809	923	2593	2634	2129	846	1065	1725	4470	1821	3563
Sioux	1874	4112	1754	4095	4111	7366	2621	2975	2314	9333	2382	4279
Story	9001	18853	3189	9687	8687	23199	5145	3613	7665	5598	2306	2394
Tama	1783	3919	965	3403	2726	4099	1118	1464	1924	4630	2570	4511
Taylor	745	1760	741	2049	1315	2116	741	1361	846	3978	1044	2551
Union	1235	3236	727	1942	1748	2582	901	1250	1702	4240	1469	3152
Van Buren	718	2543	666	2090	1481	1812	726	1161	963	3540	825	1846
Wapello	3244	6978	1623	3412	4850	8619	2030	2472	7092	3343	1890	1606
Warren	4129	9834	1567	4994	4216	9055	2530	3788	3883	5179	2007	3078
Washington	1761	4936	1056	2979	2132	3980	1640	2225	3345	5086	2069	3775
Wayne	474	1444	659	2077	1455	2170	728	1222	945	4202	1115	3025
Webster	3701	7082	1646	4736	5863	10357	3115	2416	9216	4251	2010	1868
Winnebago	1543	2413	1475	3255	2504	3059	1463	1501	1401	4561	1438	2467
Winneshiek	2191	4349	1282	3816	2996	4460	2014	2826	2769	7005	2335	4122
Woodbury	7776	15707	6202	14436	15106	18718	7725	5973	24391	19145	11869	12276
Worth	992	1964	855	1925	1829	2096	1076	1164	1374	3337	1171	1813
Wright	822	2352	1037	2399	2073	3605	869	962	3120	5751	2284	3733
State of Iowa	297877 ¹	628842 ¹	179762	491179	404249	640130	204517	214663 ²	470257	534628 ²	221189	319704

Table 2. Percent of Votes Against Holding a Constitutional Convention in Iowa's Counties, 1950-2000.

County	2000	1990	1980	1970	1960	1950	County	2000	1990	1980	1970	1960	1950
Adair	71.9	73.3	68.7	57.5	77.7	73.4	Jefferson	66.1	69.0	61.6	58.0	72.9	73.5
Adams	73.2	79.0	57.9	61.5	85.8	76.7	Johnson	65.2	75.7	71.5	38.1	29.4	49.6
Allamakee	70.3	72.3	55.5	62.1	79.3	66.2	Jones	69.9	71.6	63.0	50.3	63.0	59.0
Appanoose	78.0	77.0	59.6	56.0	64.9	55.6	Keokuk	77.4	77.7	63.8	59.5	74.2	63.9
Audubon	75.4	74.7	57.6	58.1	77.7	69.0	Kossuth	68.7	70.4	62.4	48.3	70.8	65.4
Benton	67.3	75.2	58.2	51.7	59.1	64.1	Lee	66.9	70.6	60.9	46.6	44.8	65.6
Black Hawk	64.5	71.0	58.5	52.5	26.3	34.3	Linn	68.9	72.0	63.6	42.5	21.5	37.2
Boone	69.3	74.7	64.1	52.1	55.6	65.9	Louisa	73.5	74.2	57.7	52.6	70.5	64.2
Bremer	64.2	76.9	59.7	53.7	72.1	58.9	Lucas	73.2	72.5	62.0	60.0	73.0	68.4
Buchanan	65.9	74.2	58.3	56.3	57.9	64.3	Lyon	68.0	65.3	66.7	53.5	74.6	59.2
Buena Vista	67.6	71.4	57.1	52.4	77.7	64.5	Madison	74.4	78.4	59.6	62.4	67.1	65.9
Butler	72.3	72.7	54.3	60.9	78.5	69.4	Mahaska	74.2	74.6	65.8	58.9	66.4	67.8
Calhoun	65.9	73.3	60.3	54.4	67.2	65.4	Marion	73.8	75.6	65.2	59.0	71.0	63.6
Carroll	66.5	71.4	61.5	56.9	62.2	60.5	Marshall	70.3	74.1	62.8	44.4	46.0	69.5
Cass	67.3	71.1	55.9	60.4	78.2	64.4	Mills	70.2	67.8	55.3	60.7	73.8	62.6
Cedar	68.7	76.8	63.0	49.3	69.3	60.2	Mitchell	62.9	68.4	54.6	54.8	73.4	60.2
Cerro Gordo	65.1	69.0	63.0	45.9	43.6	61.3	Monona	69.1	68.4	54.8	55.2	69.9	64.0
Cherokee	65.9	70.4	61.5	52.8	72.4	64.1	Monroe	70.2	71.1	61.4	54.8	77.8	62.2
Chickasaw	66.6	77.1	60.4	64.4	75.8	66.6	Montgomery	71.7	65.3	56.7	55.6	67.4	64.9
Clarke	75.8	75.1	61.9	60.5	74.6	69.0	Muscatine	69.1	68.8	53.5	41.6	45.4	60.0
Clay	68.3	72.0	62.8	52.1	71.8	66.5	O'Brien	68.3	71.2	63.9	48.9	83.0	59.5
Clayton	70.6	76.6	54.6	59.5	69.9	61.8	Osceola	68.1	70.7	58.8	51.6	82.0	68.2
Clinton	67.3	70.6	56.7	45.9	36.5	57.2	Page	69.0	73.4	58.0	61.2	71.4	66.3
Crawford	66.6	69.4	49.8	52.4	72.6	59.5	Palo Alto	69.0	76.0	61.2	51.2	73.0	65.4
Dallas	70.2	75.1	63.5	52.8	61.7	60.2	Plymouth	65.7	68.6	52.1	51.5	77.2	73.2
Davis	74.0	76.4	64.6	61.0	73.8	67.1	Pocahontas	68.6	76.1	59.9	54.4	86.0	71.0
Decatur	72.9	78.2	61.0	57.1	80.7	67.3	Polk	68.1	75.0	64.0	52.1	19.4	36.9
Delaware	69.6	76.1	60.3	55.4	65.4	71.9	Pottawattamie	70.9	66.0	48.7	47.3	57.6	63.8
Des Moines	73.0	75.5	66.3	48.1	41.7	53.8	Poweshiek	69.3	75.4	68.2	54.2	66.7	71.0
Dickinson	68.1	79.2	59.0	47.3	73.5	68.9	Ringgold	72.4	66.0	50.8	59.7	79.7	69.8
Dubuque	54.3	73.9	60.8	38.4	28.7	43.8	Sac	68.1	73.1	57.6	54.1	82.4	60.8
Emmet	64.3	66.7	67.4	50.0	68.7	56.3	Scott	64.7	73.1	59.4	46.1	23.3	24.2
Fayette	68.3	77.2	52.1	61.6	64.9	57.3	Shelby	70.5	73.7	44.7	55.7	72.2	66.2
Floyd	65.0	70.7	58.9	50.9	64.5	56.8	Sioux	68.7	70.0	64.2	53.2	80.1	64.2
Franklin	65.2	74.6	59.4	55.5	72.6	73.1	Story	67.7	75.2	72.8	41.3	42.2	50.9
Fremont	69.5	70.0	58.8	66.0	79.3	69.9	Tama	68.7	77.9	60.1	56.7	70.6	63.7
Greene	69.6	76.3	63.2	55.9	71.8	75.0	Taylor	70.3	73.4	61.7	64.7	82.5	71.0
Grundy	69.2	76.5	59.8	56.6	77.1	65.9	Union	72.4	72.8	59.6	58.1	71.4	68.2
Guthrie	73.2	78.9	63.0	57.5	73.9	67.7	Van Buren	78.0	75.8	55.0	61.5	78.6	69.1
Hamilton	67.9	75.9	62.7	51.0	62.2	71.9	Wapello	68.3	67.8	64.0	54.9	32.0	45.9
Hancock	61.0	70.3	57.8	54.9	77.1	59.1	Warren	70.4	76.1	68.2	60.0	57.2	60.5
Hardin	67.2	74.6	64.8	55.2	63.5	63.7	Washington	73.7	73.8	65.1	57.6	60.3	64.6
Harrison	70.2	69.1	45.9	51.1	76.2	63.1	Wayne	75.3	75.9	59.9	62.7	81.6	73.1
Henry	71.1	71.6	67.5	57.3	64.0	65.0	Webster	65.7	74.2	63.9	43.7	31.6	48.2
Howard	63.5	70.0	59.6	62.3	71.7	62.1	Winnebago	61.0	68.8	55.0	50.6	76.5	63.2
Humboldt	73.2	69.9	61.5	52.5	71.1	59.3	Winneshiek	66.5	74.9	59.8	58.4	71.7	63.8
Ida	68.3	77.2	57.4	56.7	88.8	61.6	Woodbury	66.9	69.9	55.3	43.6	44.0	50.8
Iowa	70.6	70.4	61.6	45.4	72.3	70.8	Worth	66.4	69.2	53.4	52.0	70.8	60.8
Jackson	70.2	73.6	56.6	44.9	71.5	54.3	Wright	74.1	69.8	63.5	52.5	64.8	62.0
Jasper	74.5	77.3	63.6	53.6	57.9	64.5							
							State of Iowa	67.9	73.2	61.3	51.2	53.2	59.1

Publications from Census Services

Willis Goudy, Iowa State University
 Sandra Charvat Burke, Iowa State University
 Margaret Hanson, Iowa State University
 Renea Miller, Iowa State University

County Data Books

Thirteen editions of "Iowa's Counties: Selected Population Trends, Vital Statistics, and Socioeconomic Data," have been released. The contents vary from one issue to the next. Some items are updated annually. In other instances, new data are released only every 2, 5, or 10 years; in such cases, the latest information is incorporated whenever it becomes available. This volume is available for \$40.00; for information on contents of previous editions not included in this 13th edition, review the inside front cover of this volume.

Web Site

Check <http://www.soc.iastate.edu/census/> on the World Wide Web for the latest information from Census Services. With the release of the 2000 census data, we've added a huge amount of data to our site that will not be included in our other publications. Here are some examples that we placed on our site in 2001:

2000 Census of Population and Housing, Summary File 1, State of Iowa. 5 pages.

2000 Census of Population and Housing, Summary File 1, County Designation (1 for each of 99 counties).
 5 pages each.

2000 Census of Population and Housing, Summary File 1, Incorporated Place Designation (1 for each of
 949 places). 5 pages each.

(Note: Excel versions of many variables from Summary File 1 are available for the state, counties, and incorporated places on the web site as well.)

Housing Units and Tenure in Iowa's Counties, 1990 and 2000. 4 pages.

Hispanic/Latino Residents by Specific Origin in Iowa's Counties, 1990 and 2000. 3 pages.

Persons in Households and in Group Quarters in Iowa's Counties, 1990 and 2000. 3 pages.

Households and Families in Iowa's Counties, 1990 and 2000. 4 pages.

Sex and Age in Iowa's Counties, 1990 and 2000. 7 pages.

Family Type in Iowa's Counties, 1990 and 2000. 8 pages.

Selected Age Data for Iowa's Counties, 1990 and 2000. 8 pages.

Trends in Births, Deaths, and Migration in Rural/Urban Categories of Iowa's Counties, 1980-2000.
 11 pages.

Population Change, Natural Change, and Net Migration in Iowa's Incorporated Places. 16 pages.

Residents by Race and Hispanic Origin in Iowa's Counties, 2000. 3 pages.

Majority and Minority Residents in Iowa's Counties, 1990 and 2000. 3 pages.

Summary of Iowa's Incorporated Places, 1850-2000. 2 pages.

Iowa's Changing Population: A Brief Review of Trends. 9 pages.

White Residents in Iowa's Counties, 1990 and 2000. 2 pages.

Asian, Native Hawaiian, and Other Pacific Islander Residents in Iowa's Counties, 1990 and 2000.
 3 pages.

Web Site (continued)

American Indian or Alaska Native Residents in Iowa's Counties, 1990 and 2000. 2 pages.
 Black or African American Residents of Iowa's Counties, 1990 and 2000. 2 pages.
 Population in Iowa's Townships, 1990 and 2000. 28 pages.
 Population Change in Iowa's Incorporated Places, 1990 to 2000 (maps). 5 pages.
 Population 18 Years of Age or Older and 17 Years or Younger, Iowa's Incorporated Places. 16 pages.
 Population Change, Natural Change, and Net Migration in Iowa's Counties, 1990 to 2000. 2 pages.
 Change in Population 17 Years of Age or Younger in Iowa's Counties, 2000 (map). 1 page.
 Change in Population 18 Years of Age or Older in Iowa's Counties, 2000 (map). 1 page.
 Population 18 or Older and 17 or Younger in Iowa's Counties, 1990 and 2000. 3 pages.
 Population Change in Iowa's Counties, 1990 to 2000 (map). 1 page.
 Population in Iowa's Incorporated Places, 1990 and 2000. 8 pages.
 Population in Iowa's Counties, 1990 and 2000. 2 pages.
 Population Counts for Iowa and Other States: 1890-1990 Censuses and 1991-1999 Estimates. 2 pages.

Other Reports or Series Publications

A series of reports on selected aspects of Iowa's population were released the last few years. Copies of some no longer are available; call (515-294-6482) to determine whether copies exist. The cost is \$10.00 per copy. Note: None of these include 2000 census data; we plan to update them when additional data arrive from the most recent census.

Agriculture in Iowa: Trends from 1935 to 1997. CS99-6. 201 pages.
 Iowa's Changing Age Structure: Trends from 1890 to 2020. CS98-6. 73 pages.
 Iowa's Youth: Trends from 1890 to 1990. CS98-5. 105 pages.
 Housing in Iowa: Trends from 1890 to 1990. CS98-3. 126 pages.
 Rural/Urban Transitions in Iowa. CS96-4. 112 pages.
 Iowa's Older Residents: Past, Present, and Future. CS94-7. 105 pages.

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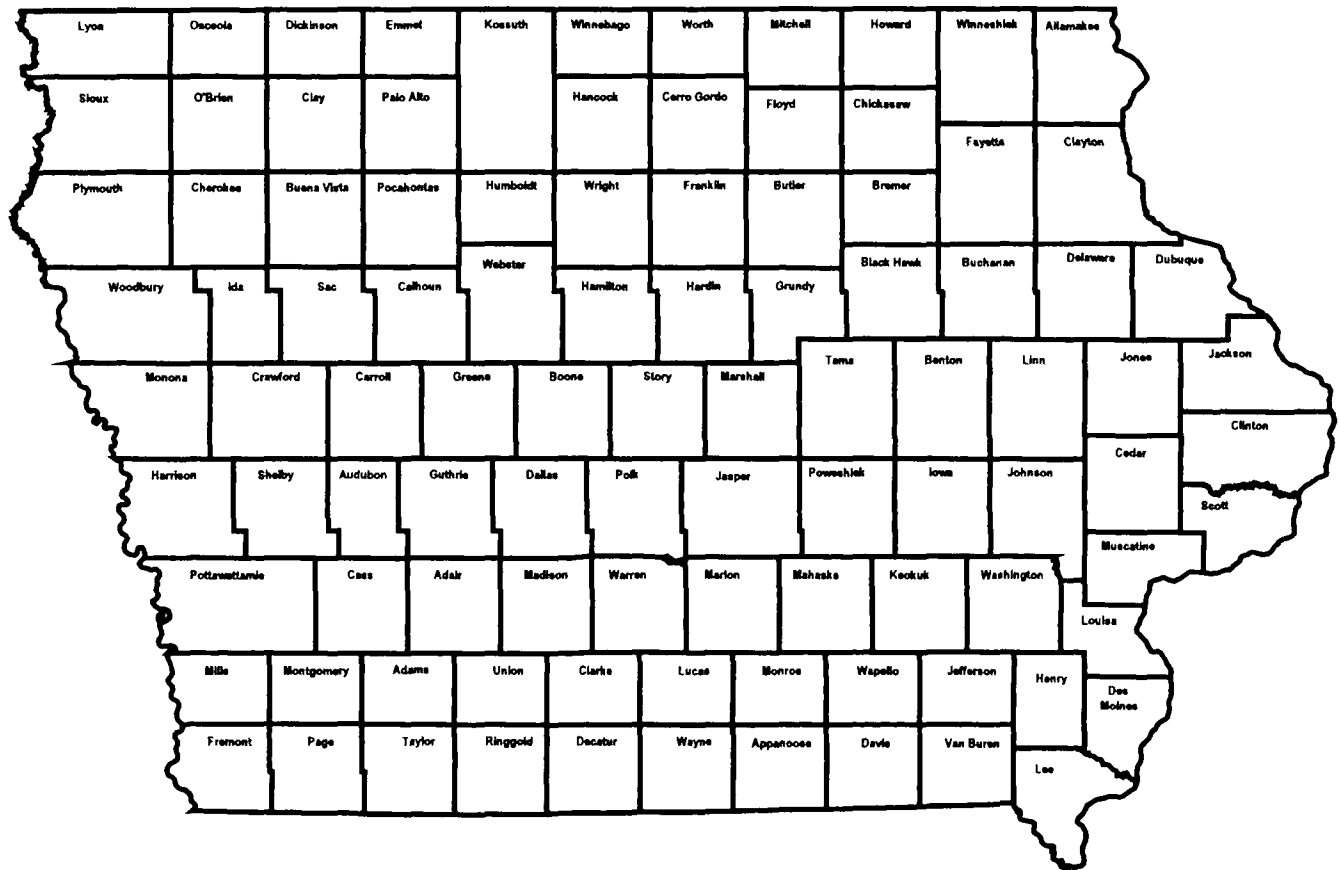
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