

IOWA STATE AND LOCAL

GOVERNMENT STUDY

Employment and Occupational Statistics
to Provide a Background for Evaluating
the Effects of Tax Reduction Legislation

IOWA DEPARTMENT OF JOB SERVICE

Research and Analysis Department

Labor Market Information Unit

Affiliated with the

EMPLOYMENT AND TRAINING ADMINISTRATION

U. S. DEPARTMENT OF LABOR

1000 EAST GRAND AVENUE

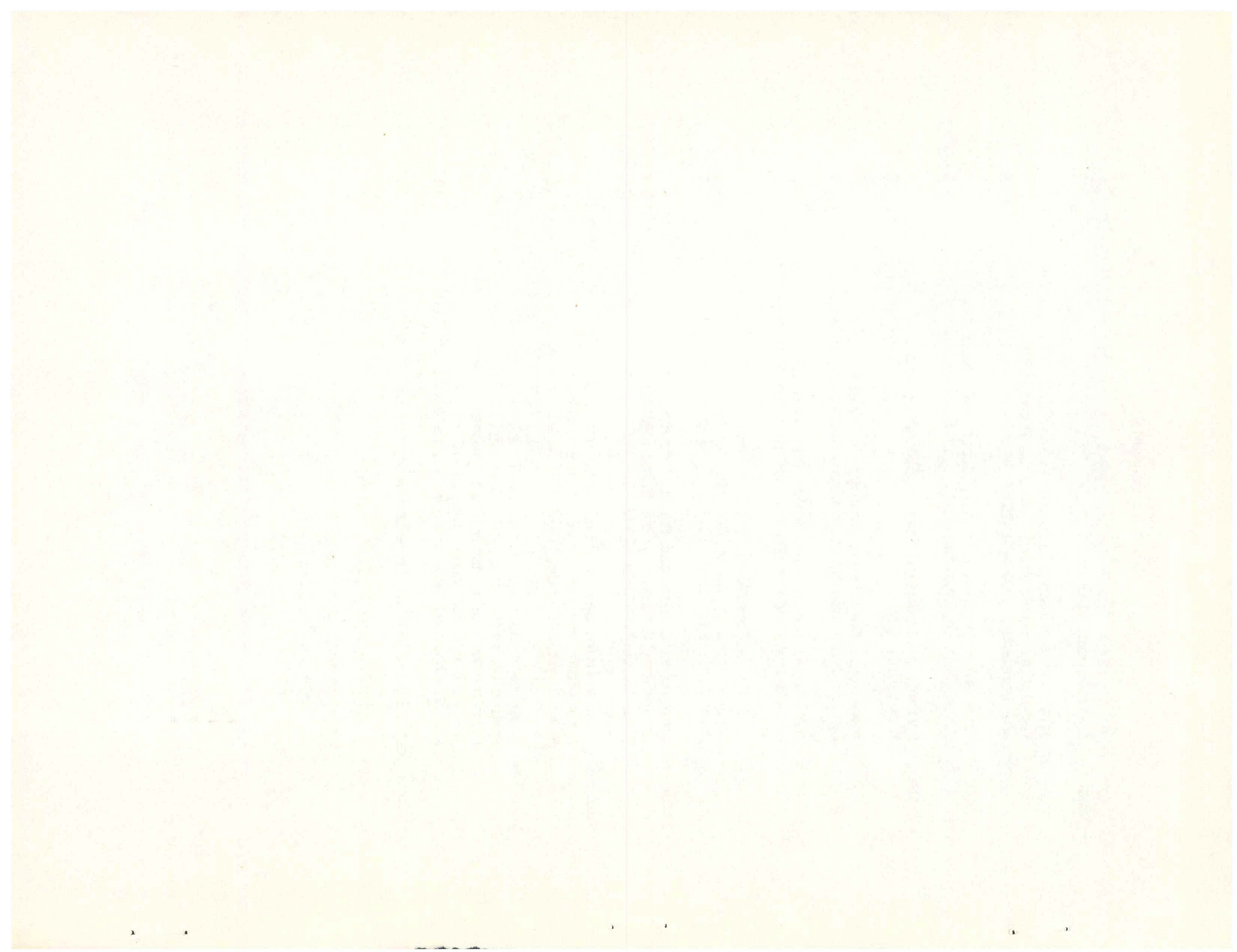
Des Moines, Iowa 50319

Telephone (515) 281-8179

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SUMMARY OF GOVERNMENT REPORT

This report was prepared in response to State Agency Issuance No. 108-79, dated Feb. 1, 1979. This SAI was prompted by the June 1978 enactment of a property tax reform initiative in California, more commonly known as Proposition 13. The instructions in the SAI directed SESAS to prepare a packet of labor market information on state and local government in the event tax legislation similar to the California enactment was passed in their states. The prepared information was to provide a background for evaluating the effects on state and local economies caused by reduced hiring and increased layoffs in state and local governments.

This report is made up of two parts; employment data and occupational data. Tables 1 and 2 are Bureau of Labor Statistics (BLS) data. All state and local government employees are grouped as two units. The employment is not broken out functionally, such as by putting hospital employment in SIC 806, for example. The only breakouts are state and local school and nonschool. BLS employment is shown for 1972 through 1978, with 1978 data being preliminary.

Tables 3 through 8 are based on state and local government employees covered by Job Insurance in 1978. Iowa state government employees were covered by law in 1972, while local government employees were not under mandatory coverage until 1978. The Job Insurance coverage excludes certain state and local employees. Among these are: (1) student employees (2) elected officials (3) members of a legislative or judicial body (4) state national guard (5) employees serving on a temporary basis in case of fire, flood, snow, earthquake, or similar emergency (6) positions designated by law as a major non-tenured policy making or advisory position which ordinarily do not require duties of more than eight hours a week. BLS employment covers (3) and some of (1), (2), and (5), above. The employment covered by Job Insurance is according to 1972 Standard Industrial Classification (SIC) codes. Local government includes counties, cities, local government school districts, area community colleges, plus some other units.

Tables 6-8 show CETA Public Service Employment (PSE). CETA PSE employment is sent to the Department of Job Service by employers on a separate form from regular covered employment. The separate reports are then sent to the CETA prime sponsors who certify them as being correct, and return them to the agency.

The source of the occupational tables in the second part of this report is Occupational Employment Statistics (OES) projections for 1974 for the state, prepared by the Research and Analysis Department, Iowa Department of Job Service in 1976. The OES projections are based on the 1970 Census classifications, Third Edition of the Dictionary of Occupational Titles (DOT), 1965 and the Standard Industrial Classification (SIC) codes for 1967. The latter two of these references have been superseded by subsequent editions. The general methodology in preparing these OES projections was to base them on the 1970 Census and project them forward to 1974, using various factors.

Table 9 which precedes the OES projections shows state and local government employment used and the page number in the report on which the occupational table for that employment may be found. In general, the OES breakdown for state and local government is based on functional lines. For example, strictly governmental employment is included in public administration (SIC 92 and 93), hospital employment is in SIC 806, and college and university employment is in SIC 822, etc. The functional breakout of OES employment does not always coincide with that used in the employment tables for employment covered by Job Insurance, which was discussed earlier.

The OES projections did not include occupational employment for state and local government, except for public administration. Therefore, the assumption was made that the occupational percents for the statewide private sector would coincide sufficiently with the government sector in the same SIC. The statewide percentage distributions of occupational employment for the private sector for 1974 for hospitals, (SIC 806), for example, were then multiplied by the state or local government employment in SIC 806 to obtain the employment in each occupation in government employment.

The percentage distributions of occupational employment were available to the nearest one-hundredth of a percent. Thus, due to rounding of the occupational employment to the nearest whole employee, the detail does not always add to the total. This is particularly true if the total employment is large, such as the 73,826 employees in local government elementary and secondary education (SIC 821). Also, in some cases, the government employment in that SIC is small, such as the state and local agricultural employment. Then the employment in many occupations may be zero due to rounding (less than 0.5). As may be noted from Table 9, an occupational table was not developed if the government employment in that SIC was less than 200.

In conclusion, this report is designed to provide a statistical background for evaluating the effects of large scale layoffs in state and local government employment due to tax reduction legislation. The employment tables give an idea of the number of state and local government employees and their percents of total employment. The occupational tables are to give some indication of how readily laid-off state and local government employees might find employment in the private sector, based on the experience they have acquired in government. Public Service Employees (PSE) are dependent on appropriations of the federal congress which provides funds through CETA prime sponsors to contracting government and nonprofit employers to hire low income persons. Also, regular state and local government employees are partially dependent on federal grants for their continued employment. Even the federal government does not appear completely immune from tax reduction pressures.

ANNUAL AVERAGE EMPLOYMENT AND PERCENTS 1/1972 through 1978 2/

	<u>Total Nonagricultural</u>	<u>Government</u>						<u>Total State & Local</u>
		<u>Total State</u>	<u>State Schools</u>	<u>State Nonschool</u>	<u>Local Total</u>	<u>Local Schools</u>	<u>Local Nonschool</u>	
<u>Annual Average Employment</u>								
1978 <u>2/</u>	1104.5	52.0	23.2	28.7	135.7	79.7	56.0	187.7
1977	1078.7	50.0	22.0	28.0	133.1	77.8	55.2	183.1
1976	1036.9	48.7	21.4	27.2	128.6	75.3	53.3	177.3
1975	998.7	47.2	20.8	26.5	124.9	73.1	51.8	172.1
1974	999.0	44.7	19.8	24.9	122.3	72.6	49.7	167.0
1973	961.3	43.0	19.1	24.0	119.7	72.1	47.6	162.7
1972	912.3	42.5	19.0	23.5	116.8	71.4	45.4	159.3
<u>51 Percents of Total Nonagricultural Employment</u>								
1978 <u>2/</u>	100.0	4.7	2.1	2.6	12.3	7.2	5.1	17.0
1977	100.0	4.6	2.0	2.6	12.3	7.2	5.1	17.0
1976	100.0	4.7	2.1	2.6	12.4	7.3	5.1	17.1
1975	100.0	4.7	2.1	2.7	12.5	7.3	5.2	17.2
1974	100.0	4.5	2.0	2.5	12.2	7.3	5.0	16.7
1973	100.0	4.5	2.0	2.5	12.5	7.5	5.0	16.9
1972	100.0	4.7	2.1	2.6	12.8	7.8	5.0	17.5

1/ Annual Average Employment in 1,000's by Place of Work.

2/ Data for 1978 are preliminary.

Source: BLS Employment, Research and Analysis Department, Iowa Department of Job Service.

1972 through 1978 2/

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
1978 2/												
Total Nonagricultural	1076.1	1076.8	1087.6	1103.1	1113.0	1112.9	1096.1	1092.6	1118.4	1126.6	1126.5	1124.0
State Government	52.2	53.3	53.6	53.5	53.0	48.9	48.3	48.2	52.1	53.5	53.8	53.1
State Schools	23.9	24.7	24.8	24.7	24.3	19.4	18.7	19.0	23.3	25.1	25.6	25.0
State Nonschool	28.3	28.5	28.8	28.8	28.7	29.5	29.6	29.2	28.8	28.3	28.3	28.1
Local Government	136.8	139.5	139.8	139.1	139.9	142.6	126.3	121.9	130.1	136.6	138.2	137.5
Local Schools	82.8	85.4	86.0	85.4	85.4	82.2	65.0	62.2	74.2	81.2	83.5	82.9
Local Nonschool	54.0	54.0	53.9	53.6	54.5	60.4	61.3	59.7	55.9	55.4	54.8	54.6
1977												
Total Nonagricultural	1035.2	1037.1	1051.6	1077.2	1082.8	1089.6	1076.1	1080.4	1107.7	1103.2	1102.2	1100.8
State Government	49.5	50.3	50.4	50.7	50.5	47.0	46.1	46.8	51.1	52.0	52.5	52.7
State Schools	22.2	22.9	22.8	22.8	22.5	17.8	17.3	18.0	23.4	24.3	24.8	24.6
State Nonschool	27.3	27.4	27.6	27.8	28.0	29.2	28.8	28.8	27.7	27.7	27.7	28.1
Local Government	133.9	135.0	135.6	136.4	137.3	135.3	121.3	119.2	132.7	136.1	137.1	137.0
Local Schools	81.8	81.5	83.1	84.0	83.1	74.0	62.2	59.5	77.4	81.9	82.4	83.4
Local Nonschool	52.0	53.6	52.6	52.4	54.1	61.4	59.0	59.6	55.3	54.3	54.8	53.6
1976												
Total Nonagricultural	1000.5	1001.0	1012.2	1036.0	1046.3	1046.3	1035.2	1033.8	1065.4	1043.0	1060.5	1062.4
State Government	48.9	49.5	49.7	50.1	49.7	46.9	46.4	44.4	48.5	49.4	50.0	50.3
State Schools	22.2	22.6	22.6	22.7	22.4	18.8	18.5	17.3	21.6	22.8	23.0	23.0
State Nonschool	26.8	26.9	27.1	27.5	27.4	28.1	27.9	27.1	27.0	26.7	27.0	27.4
Local Government	131.3	131.8	132.3	132.8	133.1	128.4	114.3	112.1	126.9	131.9	133.8	134.5
Local Schools	80.3	79.5	81.0	81.8	80.6	70.2	58.7	56.0	74.0	79.3	80.4	81.9
Local Nonschool	51.0	52.3	51.3	51.1	52.5	58.3	55.6	56.1	52.9	52.6	53.4	52.6
1975												
Total Nonagricultural	980.4	975.5	973.7	984.8	1000.6	1001.6	992.7	1000.0	1017.7	1021.0	1019.2	1017.6
State Government	45.9	47.0	46.9	47.4	47.4	46.1	46.1	44.5	47.8	49.1	49.1	49.6
State Schools	20.7	21.5	21.2	21.5	21.3	18.8	18.5	17.0	21.1	22.4	22.4	22.7
State Nonschool	25.2	25.5	25.7	25.8	26.1	27.3	27.6	27.4	26.8	26.7	26.7	26.9
Local Government	124.0	128.3	127.6	126.8	128.5	124.6	112.2	112.8	123.8	128.5	131.6	130.4
Local Schools	75.8	77.4	78.2	78.1	77.8	68.1	57.6	56.3	72.2	77.3	79.0	79.4
Local Nonschool	48.2	50.9	49.5	48.7	50.7	56.5	54.6	56.5	51.6	51.2	52.6	51.0

1972 through 1978 2/

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
1974												
Total Nonagricultural	958.6	962.1	971.0	992.2	1001.0	1010.7	1005.4	1008.8	1023.3	1020.6	1020.4	1013.6
State Government	44.2	44.6	44.8	45.0	45.0	43.7	43.4	43.0	45.0	45.8	45.8	46.2
State Schools	20.0	20.4	20.4	20.5	20.3	17.7	17.6	17.3	20.2	21.0	21.1	21.2
State Nonschool	24.2	24.2	24.4	24.5	24.7	26.0	25.8	25.7	24.9	24.8	24.8	24.9
Local Government	122.9	125.7	124.7	124.2	125.4	121.8	111.2	111.4	121.2	125.2	127.7	126.8
Local Schools	76.0	77.0	77.0	77.0	76.8	68.3	58.5	57.7	71.7	76.2	77.8	77.9
Local Nonschool	46.9	48.7	47.7	47.2	48.6	53.5	52.7	53.7	49.5	49.0	49.9	48.9
1973												
Total Nonagricultural	924.9	926.3	936.0	951.1	967.4	970.1	960.1	968.4	981.1	982.4	984.3	983.3
State Government	43.4	44.0	43.7	43.7	43.8	41.9	41.7	40.3	42.4	43.9	44.0	43.8
State Schools	19.8	20.4	20.1	20.1	20.0	16.8	16.8	15.6	18.5	20.1	20.3	20.1
State Nonschool	23.6	23.6	23.6	23.7	23.8	25.0	24.9	24.7	23.9	23.8	23.7	23.7
Local Government	120.8	123.1	121.8	121.5	122.4	118.9	110.2	109.9	118.5	121.9	123.7	123.2
Local Schools	75.3	76.5	75.8	75.9	75.8	68.4	59.4	59.0	71.1	75.0	76.5	76.4
Local Nonschool	45.6	46.6	45.9	45.6	46.6	50.5	50.8	50.9	47.4	46.9	47.2	46.8
1972												
Total Nonagricultural	870.0	867.5	878.8	903.5	908.2	922.9	914.7	921.7	937.8	940.0	940.2	941.7
State Government	42.4	43.0	43.3	43.1	43.2	41.7	40.7	40.0	42.4	43.4	43.6	43.4
State Schools	19.8	19.9	20.0	19.9	20.0	17.0	16.2	15.6	18.7	20.2	20.4	20.2
State Nonschool	22.6	23.0	23.3	23.1	23.3	24.7	24.5	24.4	23.6	23.3	23.2	23.2
Local Government	118.0	119.3	118.9	118.9	119.3	116.0	109.2	108.5	115.9	118.6	119.8	119.6
Local Schools	73.8	74.9	74.7	74.8	74.8	68.6	60.3	60.3	70.6	73.9	75.3	75.0
Local Nonschool	44.2	44.4	44.2	44.1	44.5	47.5	48.8	48.2	45.3	44.7	44.5	44.6

1/ Employment in 1,000's by Place of Work.2/ Data for 1978 are preliminary.

Source: BLS Employment, Research and Analysis Department, Iowa Department of Job Service.

TABLE 3

SUMMARY OF IOWA EMPLOYMENT COVERED BY JOB INSURANCE

6-8-79

1978

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>	<u>Annual Average</u>
<u>Total Covered Employment</u>													
Private Sector	842127	838489	849312	872064	886499	907556	902913	919215	913922	904387	901440	899674	886467
Federal Government	19793	19562	19523	20178	20414	20465	20390	20272	20087	20633	20679	20864	20238
State Government	40672	40731	40815	41290	42096	42832	41136	42489	43332	42016	41679	41200	41691
Local Government	125061	126677	127378	131371	132051	130139	115461	115593	129031	132144	133334	133728	127664
TOTAL	1027653	1025459	1037028	1064903	1081060	1100992	1079900	1097569	1106372	1099180	1097132	1095466	1076060
<u>Public Service Covered Employment</u>													
Private Sector	1239	1226	1319	1293	1266	1286	1134	1075	987	856	771	761	1101
Federal Government	0	0	0	2	2	2	0	0	0	0	0	0	1
State Government	305	322	337	270	271	252	276	246	208	134	75	69	230
Local Government	1481	1559	1647	1627	1607	1625	1550	1449	1218	844	727	725	1338
TOTAL	3025	3107	3303	3192	3146	3165	2960	2770	2413	1834	1573	1555	2670
<u>Percents of Annual Average Total Covered Employment</u>													
Private Sector	82.4												
Federal Government	1.9												
State Government	3.9												
Local Government	11.9												
TOTAL	100.0												

Source: ES-202 Summary Tabulations for 1978, Research and Analysis Department, Iowa Department of Job Service.

TABLE 4

IOWA STATE GOVERNMENT EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE 1/
1978

6-6-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Manufacturing													
2521	72	73	67	67	72	72	76	72	70	70	73	76	
2741	36	36	35	36	36	36	37	37	37	36	36	35	
Total	108	109	102	103	108	108	113	109	107	106	109	111	108
Transportation, Communication, Public Utilities													
4833	113	113	104	114	113	116	115	116	117	122	129	126	
4899	17	18	18	19	19	19	17	17	19	16	16	16	
Total	130	131	122	133	132	135	132	133	136	138	145	142	134
Trade													
5921	1085	1022	1079	1049	952	998	1001	1122	1097	1130	1164	1240	
Total	1085	1022	1079	1049	952	998	1001	1122	1097	1130	1164	1240	1078
Finance, Insurance, and Real Estate													
6149	12	12	12	11	11	11	11	11	11	11	11	12	
Total	12	12	12	11	11	11	11	11	11	11	11	12	11
Services													
7349	170	174	173	186	186	190	0	0	0	184	188	195	
7374	138	142	147	153	153	167	165	166	164	159	158	154	
7392	85	82	83	87	89	93	96	98	101	107	106	108	
7999	35	38	38	66	105	134	151	174	97	69	48	41	
8059	496	529	533	544	549	597	563	556	561	570	569	576	
8063	4252	4251	4252	4122	4125	4197	2953	2899	2847	3998	4009	4047	
8221	17456	17406	17410	17638	18395	18404	18494	19823	21077	18523	18360	17835	
8231	46	47	47	46	49	49	56	52	47	49	51	52	
8299	23	23	23	24	28	26	24	24	24	23	25	23	
8321	2625	2628	2630	2706	2698	2667	2685	2643	2620	2647	2578	2586	
8331	668	667	668	666	665	669	666	668	654	675	671	667	
8361	321	320	317	322	320	138	137	264	342	347	349	344	
8399	59	46	52	54	52	51	42	44	47	49	49	48	
8411	28	27	35	33	41	34	37	29	31	36	31	35	

TABLE 4 IOWA STATE GOVERNMENT EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE (Cont'd) 1/
1978

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Averag
8699	16	16	16	16	16	16	16	16	16	15	15	15	
8922	31	34	35	37	33	38	40	30	17	19	15	13	
8999	47	45	44	46	45	64	63	62	64	50	49	49	
Total	26496	26475	26503	26746	27549	27534	26188	27548	28709	27520	27271	26788	27111
Public Administration													
9111	23	21	22	23	22	21	22	23	22	25	23	24	
9121	333	335	359	336	332	136	253	97	97	106	120	119	
9199	371	371	368	355	358	410	421	413	381	364	368	373	
9211	353	355	355	347	352	367	373	363	372	372	375	371	
9221	833	833	833	842	842	842	828	828	828	832	832	832	
9222	133	134	136	125	140	141	144	141	138	136	130	119	
9223	1067	1070	1090	1109	1101	1102	1072	1087	1072	1118	1065	1066	
9229	26	23	22	23	23	23	23	22	19	19	17	17	
9311	811	890	914	928	914	861	818	817	802	797	816	819	
9411	403	399	400	395	400	397	380	383	383	408	409	404	
9431	347	337	318	350	340	361	345	358	328	347	342	358	
9441	1662	1672	1674	1657	1661	1636	1750	1750	1746	1770	1785	1778	
9451	5	5	5	5	5	5	5	4	4	6	6	6	
9511	175	170	170	174	176	187	188	188	179	177	184	183	
9512	751	767	764	880	957	1140	1160	1156	1041	897	801	785	
9611	75	77	74	79	82	100	95	94	94	87	77	78	
9621	4620	4676	4656	4745	4743	5392	5252	5270	5226	4773	4761	4707	
9631	108	107	106	107	109	111	114	115	109	111	111	108	
9641	327	319	319	328	328	336	0	0	0	323	325	329	
9651	277	277	273	295	298	299	287	300	288	301	289	289	
9711	141	144	139	145	161	179	161	157	143	142	143	142	
Total	12841	12982	12997	13248	13344	14046	13691	13566	13272	13111	12979	12907	13249
GRAND TOTAL STATE													
GOVERNMENT	40672	40731	40815	41290	42096	42832	41136	42489	43332	42016	41679	41200	41691

1/ SIC Code is based on the Standard Industrial Classification manual, 1972.
Source: ES-202 Summary Tabulations for 1978, Iowa Department of Job Service.

TABLE 5 IOWA LOCAL GOVERNMENT EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE 1/
1978

6-7-78

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Transportation, Communication, and Public Utilities													
4111	149	148	153	157	160	158	163	165	165	181	178	200	
4119	5	5	4	11	12	15	15	16	12	7	7	8	
4141	0	0	0	0	0	0	0	0	0	3	3	3	
4582	37	40	41	39	38	41	40	38	24	25	25	25	
4911	256	257	255	254	263	263	263	268	256	256	261	258	
4924	8	8	8	8	7	8	8	8	8	8	8	8	
4931	14	14	16	16	16	19	19	19	19	14	14	16	
4939	472	482	489	486	502	522	515	512	486	479	473	482	
4941	709	712	720	714	727	772	765	761	740	724	729	740	
4952	59	58	59	60	58	60	64	63	61	61	62	63	
4953	42	41	39	42	39	41	47	48	49	45	42	47	
Total	1751	1765	1784	1787	1822	1899	1899	1898	1820	1803	1802	1850	1837
Finance, Insurance, and Real Estate													
6513	117	121	133	137	134	138	126	132	125	128	125	129	
6553	57	52	55	82	121	113	87	91	81	58	53	57	
Total	174	173	188	219	255	251	213	223	206	186	178	186	184
Services													
7032	2	3	2										
7374	31	31	31	35	36	36	48	43	42	44	36	35	
7929	0	0	0	0	0	0	43	45	0	0	0	0	
7992	1	1	1	1	1	1	11	10	12	8	1	1	
7996	60	62	63	85	121	262	338	340	200	114	39	77	
7999	0	0	0	1	9	22	17	44	6	6	2	2	
8051	0	0	0	57	62	60	59	54	57	58	58	59	
8059	126	131	135	133	134	149	141	141	127	106	107	112	
8062	9882	9858	9918	10110	10125	10253	10472	10376	10275	10250	10282	10307	
8081	35	36	37	36	36	36	37	37	39	39	39	39	
8211	69162	70707	71078	72079	72148	66544	50812	51871	68544	73065	73973	74081	
8221	2368	2399	2330	2464	2358	2239	1940	1933	2072	2315	2546	2542	
8222	3139	3264	3548	4177	4029	3732	3114	3132	3267	3531	3901	4015	

TABLE 5

IOWA LOCAL GOVERNMENT EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE (Cont'd) 1/
1978

6-7-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annua Avera
8231	754	761	763	779	779	766	751	763	787	812	809	809	
8244	284	294	300	298	307	281	247	242	288	299	311	318	
8249	202	202	203	382	321	296	204	228	186	286	304	258	
8321	11	10	12	9	9	8	12	13	11	12	10	11	
8331	57	58	63	56	60	72	79	77	58	51	48	51	
8351	7	7	7	6	6	7	1	4	6	7	6	0	
8399	20	22	23	27	27	40	45	24	22	24	27	25	
8411	5	5	6	5	5	5	6	6	6	6	6	6	
Total	86146	87851	88520	90740	90573	84809	68377	69383	86005	91033	92555	92748	85728
Public Administration													
9111	12002	11901	11944	12716	13109	15299	16121	15534	13619	12765	12585	12767	
9199	17002	16890	16918	18026	18363	19524	20119	20030	19322	18039	17803	17756	
9211	405	406	397	392	387	386	379	381	388	534	539	528	
9222	2	1	2	2	2	2	6	6	6	6	6	6	
9223	21	21	21	21	28	29	30	32	31	30	30	32	
9224	1	1	1	1	1	1	20	20	20	20	20	20	
9229	13	13	13	13	13	13	17	17	19	18	19	18	
9311	4764	4821	4761	4614	4616	5017	5162	4937	4429	4379	4381	4373	
9411	2224	2293	2293	2310	2327	2277	2369	2352	2554	2741	2807	2802	
9431	13	12	10	9	9	9	10	10	11	11	11	9	
9441	61	60	58	63	58	65	60	69	67	57	58	57	
9451	4	4	4	4	4	4	4	4	4	4	4	4	
9511	20	20	19	25	24	25	20	20	21	18	17	15	
9512	129	124	124	111	145	208	215	169	121	96	108	104	
9531	24	24	23	14	14	14	15	15	15	15	17	15	
9532	19	21	20	22	22	21	23	24	21	24	22	22	
9611	22	21	21	19	19	17	20	19	19	17	19	18	
9621	18	19	18	18	18	18	17	18	17	19	18	21	
9641	220	210	212	216	223	232	230	234	226	211	218	221	
9711	26	26	27	19	19	19	135	198	90	118	117	156	
Total	36990	36888	36886	38625	39401	43180	44972	44089	41000	39122	38799	38944	39908
Grand Total Local													
Government	125061	126677	127378	131371	132051	130139	115461	115593	129031	132144	133334	133728	127664

1/ SIC Codes are based on Standard Industrial Classification manual, 1972.

Source: ES-202 Summary Tabulations for 1978, Iowa Department of Job Service.

TABLE 6

IOWA STATE GOVERNMENT PUBLIC SERVICE EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE 1/
1978

6-7-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Services													
8063	80	91	99	42	44	43	52	52	46	35	20	20	
8221	15	13	14	10	10	5	9	10	9	7	5	4	
8321	156	159	164	158	161	150	165	148	129	82	44	41	
8922	18	22	23	25	21	20	20	10	6	6	3	1	
Total	269	285	300	235	236	218	246	220	190	130	72	66	206
Public Administration													
9199	3	2	2	2	1	1	6	4	4	1	1	1	
9211	1	1	1	0	0	0	1	1	1	1	0	0	
9223	1	1	1	0	0	0	1	1	1	2	2	2	
9411	0	0	0	2	2	2	0	0	0	0	0	0	
9431	2	2	2	2	2	2	2	0	0	0	0	0	
9441	6	6	6	1	1	1	1	1	1	0	0	0	
9512	12	12	12	15	15	15	13	13	11	0	0	0	
9611	4	4	4	4	5	5	0	0	0	0	0	0	
9651	7	9	9	9	9	8	6	6	0	0	0	0	
Total	36	37	37	35	35	34	30	26	18	4	3	3	25
Grand Total State Government													
PSE	305	322	337	270	271	252	276	246	208	134	75	69	230

1/ SIC Codes are based on Standard Industrial Classification manual, 1972.

Source: ES-202 Summary Tabulations for 1978, Research and Analysis Department, Iowa Department of Job Service.

TABLE 7

IOWA LOCAL GOVERNMENT PUBLIC SERVICE EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE 1/
1978

6-7-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Transportation, Communication, Public Utilities													
4911	1	1	1	1	1	1	0	0	0	0	0	0	
4941	1	2	3	1	2	2	3	3	3	1	1	1	
4952	1	1	1	0	0	0	0	0	0	0	0	0	
4953	0	0	0	1	1	1	1	1	1	0	0	0	
Total	3	4	5	3	4	4	4	4	4	1	1	1	3
Finance, Insurance, Real Estate													
6513	7	9	15	15	15	14	15	18	14	13	13	13	
Total	7	9	15	15	15	14	15	18	14	13	13	13	13
Services													
7996	3	3	3	3	3	3	4	4	4	3	4	4	
8059	14	14	16	21	23	37	27	27	11	0	0	0	
8062	7	7	7	2	2	2	5	5	5	2	1	1	
8211	234	261	250	239	228	225	152	129	107	69	52	49	
8221	109	107	104	115	105	107	89	78	51	40	31	32	
8222	55	65	70	75	73	76	83	82	71	53	37	36	
8231	8	15	16	15	15	14	8	8	5	4	4	4	
8244	28	29	27	25	26	16	19	22	18	11	4	4	
8249	2	2	3	0	0	0	3	2	2	0	0	0	
8321	2	2	2	0	0	0	0	0	0	0	0	0	
8331	21	21	27	25	29	37	36	33	21	15	12	11	
8399	3	4	4	6	6	6	4	4	3	3	2	2	
Total	486	530	529	526	510	523	430	394	298	200	147	143	393

TABLE 7

IOWA LOCAL GOVERNMENT PUBLIC SERVICE EMPLOYMENT COVERED BY JOB INSURANCE
 BY FOUR DIGIT SIC CODE (Cont'd.) 1/
 1978

6-7-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Public Administration													
9111	346	352	397	424	419	406	393	376	322	255	244	258	
9199	424	412	445	419	420	437	468	431	390	303	261	247	
9211	7	7	7	7	1	1	4	4	4	0	0	0	
9311	150	186	194	183	185	186	184	170	140	47	38	39	
9411	10	11	10	5	5	5	12	12	11	3	3	3	
9431	4	3	2	2	2	2	2	2	2	2	2	1	
9441	3	1	1	1	1	1	1	1	1	1	1	1	
9511	4	4	4	0	0	0	0	0	0	0	0	0	
9512	19	20	20	23	23	23	16	16	14	9	9	10	
9532	6	6	5	6	6	6	6	6	6	5	4	4	
9611	2	2	1	2	2	0	1	1	1	1	1	1	
9641	10	12	12	11	14	17	14	14	11	4	3	3	
9711	0	0	0	0	0	0	0	0	0	0	0	1	
Total	985	1016	1098	1083	1078	1084	1101	1033	902	630	566	568	929
Grand Total Local													
Gov't PSE	1481	1559	1647	1627	1607	1625	1550	1449	1218	844	727	725	1338

1/ SIC Codes are based on Standard Industrial Classification manual, 1972.

Source: ES-202 Summary Tabulations for 1978, Research and Analysis Department, Iowa Department of Job Service.

TABLE 8

IOWA PRIVATE SECTOR PUBLIC SERVICE EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE 1/
1978

6-8-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Agriculture, Forestry, and Fishing													
0751	2	2	2	3	4	3	1	1	1	0	0	0	
0781	0	0	0	0	0	0	0	0	0	3	3	3	
Total	2	2	2	3	4	3	1	1	1	3	3	3	2
Construction													
1521	0	0	0	0	0	0	3	3	3	6	6	4	
Total	0	0	0	0	0	0	3	3	3	6	6	4	2
Manufacturing													
2789	2	2	1	1	1	1	0	0	0	0	0	0	
Total	2	2	1	1	1	1	0	0	0	0	0	0	1
Transportation, Communication, Public Utilities													
4111	2	2	2	2	2	2	0	0	0	0	0	0	
4832	9	8	11	6	5	5	9	11	11	10	10	12	
Total	11	10	13	8	7	7	9	11	11	10	10	12	10
Trade													
5172	3	3	3	0	0	0	0	0	0	0	0	0	
5571	5	6	6	0	0	0	0	0	0	0	0	0	
5812	0	0	0	0	0	0	1	1	1	0	0	0	
5931	16	16	16	15	14	22	29	30	36	28	29	27	
5942	0	0	0	2	2	2	3	3	3	3	3	3	
5947	14	13	13	0	0	0	0	0	0	0	0	0	
5949	1	1	2	0	0	0	0	0	0	0	0	0	
5962	7	7	7	0	0	0	0	0	0	0	0	0	
5999	3	3	3	4	4	4	4	4	1	1	1	1	
Total	49	49	50	21	20	28	37	38	41	32	33	31	36
Finance, Insurance, Real Estate													
6411	1	1	1	0	0	0	0	0	0	0	0	0	
6512	4	4	4	4	4	4	4	4	4	4	2	1	
6513	1	1	1	8	6	8	7	7	7	8	7	8	
6514	0	0	0	0	0	0	11	11	11	10	12	22	
6531	0	0	0	1	1	1	1	1	1	0	0	0	

TABLE 8

IOWA PRIVATE SECTOR PUBLIC SERVICE EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE (Cont'd.)^{1/}
1978

6-8-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
Finance, Insurance, Real Estate, Cont'd.													
6552	1	1	1	1	1	1	0	0	0	0	0	0	
6553	1	1	1	1	1	0	0	1	1	0	0	0	
Total	8	8	8	15	13	14	23	24	24	22	21	31	18
Services													
7032	3	3	3	2	2	2	2	2	2	0	0	0	
7392	1	1	1	2	1	1	1	1	1	0	0	0	
7393	0	0	0	0	0	0	3	3	3	3	3	3	
7399	0	0	0	0	0	0	1	1	2	1	1	1	
7922	7	6	8	8	7	12	12	7	6	9	8	8	
7929	0	0	0	0	0	1	1	1	2	2	2	2	
7933	4	4	4	0	0	0	0	0	0	0	0	0	
7999	3	3	3	0	0	7	8	7	7	3	3	3	
8021	2	2	2	0	0	0	0	0	0	0	0	0	
8059	45	46	48	42	40	41	38	39	34	27	12	11	
8062	37	37	36	40	39	39	23	22	19	6	6	6	
8063	0	0	0	18	20	22	0	0	0	0	0	0	
8081	32	37	40	25	25	23	19	19	18	18	15	15	
8091	4	4	4	3	5	5	5	7	7	5	6	6	
8111	3	3	3	3	5	4	4	4	4	2	2	2	
8211	35	32	32	34	35	31	35	19	16	1	1	1	
8221	21	20	24	31	31	29	36	32	30	24	22	22	
8222	6	7	9	4	9	9	9	8	6	3	3	3	
8231	0	0	0	1	1	1	0	0	0	3	3	3	
8249	8	9	8	8	8	7	0	0	0	0	0	0	
8299	1	1	1	1	1	1	1	0	0	0	0	0	
8321	159	156	179	158	151	148	142	137	122	108	96	88	
8331	81	78	76	46	60	57	61	69	76	79	74	70	
8351	36	41	43	41	41	42	45	40	39	36	35	35	
8361	25	25	32	37	38	36	39	46	39	25	23	21	
8399	408	397	426	474	470	467	374	351	317	298	274	276	
8411	31	30	31	39	40	37	22	18	18	23	12	12	
8611	21	21	27	22	22	23	29	26	23	16	16	15	

TABLE 8

IOWA PRIVATE SECTOR PUBLIC SERVICE EMPLOYMENT COVERED BY JOB INSURANCE
BY FOUR DIGIT SIC CODE (Cont'd.)^{1/}
1978

6-8-79

SIC Code	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
8621	3	3	3	3	3	3	2	2	2	2	2	2	
8631	4	3	3	2	2	2	1	0	0	1	1	1	
8641	101	100	103	105	84	98	83	74	58	45	42	39	
8661	4	3	4	5	5	5	2	2	2	5	5	4	
8699	44	44	55	51	50	52	42	38	32	22	17	17	
8922	38	39	37	40	26	28	21	23	22	16	14	14	
Total	1167	1155	1245	1245	1221	1233	1061	998	907	783	698	680	1033
Grand Total Private Sector PSE	1239	1226	1319	1293	1266	1286	1134	1075	987	856	771	761	1101

^{1/} SIC codes based on Standard Industrial Classification manual, 1972.

Source: ES-202 Summary Tabulations for 1978, Research and Analysis Department, Iowa Department of Job Service.

Note: CETA Public Service Employees (PSE) are employed by government and in the private sector by nonprofit organizations. A small number of employees listed in this table may be for other CETA programs than Public Service Employment.

Table 9 .

EMPLOYMENT AS USED IN OCCUPATIONAL TABLES BY THREE
DIGIT SIC CODE AND PAGE NUMBERS OF OCCUPATIONAL TABLES
1974

SIC Code	Industry	State Government Employment	State Government Page No.	Local Government Employment	Local Government Page No.
	TOTAL ALL INDUSTRIES	41,435		115,044	
011	Agricultural Production	202	20	220	66
013	Agricultural Services			18	NA
017	Horticultural Services			15	NA
080	Forestry	27	NA	65	NA
090	Fisheries	34	NA		
150	General Building Contractors			29	NA
160	General Contractors Except Building	5,149	24	6,991	70
411	Street Railways, Bus Line			477	76
450	Air Transportation			242	78
491	Electric Light and Power			404	81
492	Electric - Gas Utilities			30	NA
493	Gas, Steam Supply Systems			36	NA
494	Water Supply			1,401	86
495	Sanitary Services			1,793	89
497	Other Utilities, Nec.			16	NA
592	Liquor Stores	854	30		
650	Real Estate			349	91
794	Miscellaneous Entertainment			394	95
806	Hospitals	7,565	31	6,112	99
807	Convalescent Institutions	261	38	385	106
809	Health Services, Nec.	175	NA	124	NA
821	Elementary Secondary Education			73,826	110
822	Colleges and Universities	15,897	42	3,695	116
823	Libraries			937	124
824	Educational Services, Nec.	897	50	298	126
830	Museums, Art Galleries, Zoo			63	NA
867	Welfare Services	2,298	53	1,214	129
868	Residential Welfare	542	57	249	133
920	State Public Administration	7,534	60		
930	Local Public Administration			15,660	136

NA Not Available. Occupational Table not prepared if employment below 200.

1/ Based on Standard Industrial Classification (SIC) codes, 1967.

Source: Occupational projections, State, 1976, Research and Analysis Dept., Iowa Department of Job Service.

IOWA STATE GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	202
PROFESSIONAL, TECHNICAL, KINDRED	0.10	0
Engineers, Technical	0.02	0
Engineers, Civil	0.00	0
Engineers, Mechanical	0.00	0
Engineers, Other	0.01	0
Life And Physical Scientists	0.02	0
Agricultural Scientists	0.01	0
Biological Scientists	0.01	0
Engineers, Science Technician	0.03	0
Agri, Biolog. Tech. Exc. Health	0.03	0
Engineering, Science Tech. Nec.	0.00	0
Writers, Artists, Entertainers	0.01	0
Athletes and Kindred Workers	0.01	0
Other Professional, Technical	0.02	0
Accountants	0.01	0
Farm Management Advisors	0.01	0
MANAGERS, OFFICIALS, PROPRIETORS	0.04	0
Buyers, Sales, Loan Managers	0.01	0
Sales Manager, Exc. Ret. Trade	0.01	0
Other Managers, Officials, Prop.	0.02	0
Office Managers, Nec.	0.01	0
Other Mgrs., Administrators	0.02	0
SALES WORKERS	0.12	0
Sales And Sales Workers, Nec.	0.12	0
CLERICAL WORKERS	0.31	1
Stenographers, Typists, Secre.	0.15	0

IOWA STATE GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
Secretaries, Other	0.15	0
Typists	0.00	0
Office Machine Operators	0.00	0
Other Office Machine Operato.	0.00	0
Other Clerical Workers	0.15	0
Bookkeepers	0.07	0
Cashiers	0.00	0
Counter Clerks, Exc. Food	0.04	0
File Clerks	0.01	0
Mail Handler, Exc. Post Office	0.00	0
Messengers And Office Helpers	0.00	0
Payroll, Timekeeping Clerks	0.01	0
Shipping, Receiving Clerks	0.00	0
Statistical Clerks	0.00	0
Stock Clerks, Store Keepers	0.00	0
Weighers	0.00	0
Misc. Clerical Workers, Nec.	0.01	0
CRAFTS AND KINDRED WORKERS	0.19	0
Construction Crafts Workers	0.08	0
Carpenters and Apprentices	0.05	0
Brick And Stonemasons And Ap.	0.01	0
Bulldozer Operators	0.00	0
Excavating, Grading, Mach. Op.	0.01	0
Painters And Apprentices	0.01	0
Plumbers, Pipefitters And Ap.	0.00	0
Blue Collar Worker Supvr., Nec.	0.04	0
Metalworking Craft Wkrs. Exc. M.	0.00	0
Machinists And Apprentices	0.00	0
Mechanics, Repairers, Installer	0.03	0
Auto Mechanics And Appr.	0.01	0

IOWA STATE GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
Farm Implement Mechanics	0.01	0
Heavy Equip. Mech., Incl. Deisel	0.02	0
Other Crafts, Kindred Worker	0.05	0
Decorators, Window Dressers	0.04	0
Inspectors, Other	0.00	0
OPERATIVES	0.20	0
Operatives, Exc. Transport	0.05	0
Semiskilled Metalworking	0.01	0
Welders And Cutters	0.01	0
Semiskilled Packing, Inspecting	0.02	0
Packer, Wrapper, Ex. Meat, Produ.	0.02	0
Other Operatives, Exc. Transpo.	0.03	0
Meat Cutters, Butchers, Exc. MF.	0.00	0
Mixing Operatives	0.00	0
Sawyers	0.00	0
Furnace Tendr, Stokr. Exc. Meta.	0.00	0
Misc. Mach, Operatives	0.02	0
Operatives, Nec.	0.00	0
Transport Equipment Operatives	0.15	0
Delivery And Route Workers	0.09	0
Fork Lift, Tow Motor Operativ.	0.00	0
Truck Drivers	0.06	0
SERVICE WORKERS	0.04	0
Cleaning Service Workers	0.02	0
Lodging Quartrs. Cleaning Exc.	0.01	0
Bldg. Interior Cleaners, Nec.	0.01	0
Janitors And Sextons	0.00	0
Food Service Workers	0.01	0
Cooks Exc, Private	0.01	0

IOWA STATE GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
Personal Service Workers	0.01	0
Housekeepers	0.01	0
Protective And Service Workers	0.00	0
Guards	0.00	0
FARMERS AND FARM WORKERS	99.0	200
Farmers And Farm Workers	70.80	143
Farmers (owners And Tenants)	70.11	142
Farm Managers	0.69	1
Farm Laborers, Farm Supervisor	28.20	57
Farm Labor Supervisors	0.17	0
Farm Laborers, Wage Wrkrs.	13.11	26
Farm Laborers, Unpaid Family	14.91	30
Farm Laborers, Self-Empl.	0.01	0

IOWA STATE GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	5149
PROFESSIONAL, TECHNICAL, KINDRED	8.36	430
Engineers, Technical	2.29	118
Engineers, Civil	2.12	109
Engineers, Electrical	0.04	2
Engineers, Mechanical	0.01	1
Engineers, Metallurgical	0.06	3
Engineers, Other	0.06	3
Life and Physical Scientists	0.15	8
Agricultural Scientists	0.03	2
Chemists	0.08	4
Geologists	0.04	2
Mathematical Specialists	0.03	2
Statisticians	0.03	2
Engineers, Science Technician	4.43	228
Agri., Biolog. Tech. Exc. Health	0.10	5
Chemical Technicians	0.27	14
Drafters	0.95	49
Electrical, Electronic Tech.	0.13	7
Surveyors	2.25	116
Engineering, Science Tech Nec.	0.73	38
Technicians, Exc. Health	0.11	6
Other Technicians Exc. Health	0.11	6
Computer Specialists	0.28	14
Computer Programmers	0.15	8
Computer Systems Analysts	0.05	3
Other Computer Specialists	0.08	4
Social Scientists	0.04	2
Urban And Regional Planners	0.04	2

IOWA STATE GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
Writers, Artists, Entertainers	0.31	16
Designers	0.14	7
Public Relations Specialists	0.17	9
Other Professional, Technical	0.70	36
Accountants	0.50	26
Architects	0.03	2
Foresters, Conservationists	0.09	5
Lawyers	0.01	1
Personnel Labor Relations	0.07	4
MANAGERS, OFFICIALS, PROPRIETORS	12.09	623
Buyers, Sales, Loan Managers	0.43	22
Bank Financial Managers	0.07	4
Purchasing Agents, Buyers, N.	0.33	17
Sales Manager, Exc. Ret. Trade	0.03	2
Administrators, Pub. Inspector	1.23	63
Officials, Admins., Pub.	1.23	63
Other Managers, Officials, Prop.	10.42	537
Office Managers, Nec.	0.75	39
Officers, Pilots, Pursers, Ship.	0.03	2
Other Mgrs., Administrators	9.64	496
SALES WORKERS	0.20	10
Sales And Sales Workers, Nec.	0.20	10
CLERICAL WORKERS	4.59	236
Stenographers, Typists, Secre.	1.72	89
Secretaries	1.42	73
Stenographers	0.04	2
Typists	0.27	14

IOWA STATE GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
Office Machine Operators	0.25	13
Computer, Peripheral Equip.	0.05	3
Keypunch Operators	0.20	10
Other Clerical Workers	2.62	135
Bookkeepers	0.86	44
Cashiers	0.05	3
Estimators, Investigators, Nec.	0.07	4
Expeditors, Prod. Controllers	0.13	7
File Clerks	0.09	5
Mail Handler, Exc. Post Office	0.04	2
Payroll, Timekeeping Clerks	0.14	7
Real Estate Appraisers	0.13	7
Receptionists	0.04	2
Statistical Clerks	0.08	4
Stock Clerks, Store Keepers	0.27	14
Ticket Station, Express Agen.	0.00	0
Weighers	0.44	23
Misc. Clerical Workers, Nec.	0.27	14
CRAFTS AND KINDRED WORKERS	39.89	2054
Construction Crafts Workers	24.71	1272
Carpenters And Apprentices	2.41	124
Brick And Stonemasons And Ap	0.27	14
Bulldozer Operators	3.57	184
Cement And Concrete Finisher	0.56	29
Electricians And Apprentices	0.25	13
Excavating, Grading, Mach. Op.	16.29	839
Painters And Apprentices	0.33	17
Plumbers, Pipefitters And Ap.	0.60	31
Structural Metal Craft Workers	0.27	14
Tilesetters	0.16	8

IOWA STATE GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
Blue Collar Worker Supvr., Nec	4.87	251
Metalworking Craft Wrkrs Exc. M.	0.48	25
Forge And Hammer Operators	0.05	3
Machinists And Apprentices	0.36	19
Rollers And Finishers, Metal	0.04	2
Tool And Diemakers And Appr.	0.03	2
Mechanics, Repairers, Installer	4.88	251
Air Cond, Heating, Refrig. Me.	0.05	3
Auto Body repairers	0.10	5
Auto Mechanics And Appr.	1.38	71
Heavy Equip. Mech., Inc. Diesel	3.14	162
Household Appliance Mechanic	0.18	9
Radio, Television Repairers	0.03	2
Printing Trade Crafts Workers	0.04	2
Pressman, Plate Prints., Appe.	0.04	2
Transportation, Pub Util Craft	0.77	40
Elec. Pwr. Line Installer, Repr.	0.66	34
Telephone Installers, Repair	0.11	6
Other Crafts, Kindred Workers	4.14	213
Cranc, Derrick, And Hoist Op.	1.03	53
Inspectors, Other	2.85	147
Sign Painters And Letterers	0.10	5
Stationary Engineers	0.06	3
Crafts, Kindred Workers, Nec	0.10	5
OPERATIVES	11.11	572
Operatives, Exc. Transport	3.12	161
Semiskilled Metalworking	0.82	42
Welders And Flame Cutters	0.82	42
Other Operatives, Exc. Transpo.	2.30	118
Assemblers	0.15	8

IOWA STATE GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
Blasters	0.03	2
Surveyor Helpers	0.28	14
Drillers, Earth	0.05	3
Garage Wrkrs. Gas Station Att	0.04	2
Oilers, Greasers, Exc. Auto	0.17	9
Photographic Process Workers	0.02	1
Riveters And Fasteners	0.06	3
Sailors And Deckhands	0.01	1
Sawyers	0.08	4
Misc. Mach. Operatives	0.16	8
Operatives, Nec.	1.25	64
Transport Equipment Operatives	7.99	411
Boat Operators	0.02	1
Delivery And Route Workers	0.08	4
Fork Lift, Tow Motor Operative	0.06	3
Taxicab Drivers, Chauffers	0.04	2
Truck Drivers	7.79	401
SERVICE WORKERS	1.72	89
Cleaning Service Workers	1.38	71
Building Interior Cleaners, Nec.	0.11	6
Janitors And Sextons	1.27	65
Protective And Service Worker	0.35	18
Crossing Guard, Bridgetender	0.07	4
Guards	0.21	11
Police And Detectives	0.07	4

IOWA STATE GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ, Percent 1974	Employ. 1974
LABORERS, EXCEPT FARM	22.03	1134
Carpenters, Helpers	0.54	28
Constr. Labr., Exc. Carpenter He.	20.61	1061
Freight, Material Handlers	0.28	14
Gardenrs, Groundkeeper, Exc. Far.	0.31	16
Timbercutting, Logging Worker	0.05	3
Vehicle Washers, Equip. Cleane.	0.20	10
Warehouse Laborers, Nec.	0.03	2
Other Laborers	0.00	0

IOWA STATE GOVERNMENT LIQUOR STORE OCCUPATIONS

SIC 592

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	854
MANAGERS, OFFICIALS, PROPRIETORS	39.77	340
Buyers, Sales, Loan Managers	1.17	10
Sales Manager, Retail Trade	1.17	10
Other Managers, Officials, Prop.	38.60	330
Other Mgrs., Administrators	38.60	330
SALES WORKERS	46.78	400
Sales And Sales Workers, Nec.	46.78	400
CLERICAL WORKERS	8.30	71
Other Clerical Workers	8.30	71
Bookkeepers	2.69	23
Cashiers	3.86	33
Stock Clerks, Storekeepers	1.75	15
CRAFTS AND KINDRED WORKERS	1.52	13
Blue Collar Worker Supvr., Nec.	1.52	13
OPERATIVES	2.46	21
Transport Equipment Operatives	2.46	21
Truck Drivers	2.46	21
LABORERS, EXCEPT FARM	1.17	10
Stock Handlers	1.17	10

IOWA STATE GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	7565
PROFESSIONAL, TECHNICAL, KINDRED	30.13	2279
Engineers, Technical	0.12	9
Engineers, Civil	0.02	2
Engineers, Electrical	0.02	2
Engineers, Industrial	0.03	2
Engineers, Mechanical	0.02	2
Engineers, Other	0.03	2
Life And Physical Scientists	0.22	17
Biological Scientists	0.16	12
Chemists	0.04	3
Physicists And Astronomers	0.02	2
Engineers, Science Technicians	0.11	8
Chemical Technicians	0.03	2
Drafters	0.02	2
Electrical, Electronic Tech.	0.04	3
Engineering, Science Tech. Nec.	0.02	2
Medical Workers, Exc. Tech.	19.98	1511
Dentists	0.09	7
Dietitians	0.78	59
Pharmacists	0.45	34
Physicians, M.D., Osteopaths	1.85	140
Registered Nurses	15.22	1151
Therapists	1.59	120
Health Technal. And Tech.	7.19	544
Clinical Lab. Technol., Tech.	3.24	245
Health Record Technol. Tech.	0.45	34
Radiologic Technol., Tech.	1.84	139
Therapy Assistants	0.26	20
Other Health Technol., Tech.	1.40	106

IOWA STATE GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
Technicians, Exc. Health	0.01	1
Other Technicians Exc. Health	0.01	1
Computer Specialists	0.05	4
Computer Programmers	0.03	2
Other Computer Specialists	0.02	2
Social Scientists	0.25	19
Psychologists	0.25	19
Teachers	0.54	41
Adult Education Teachers	0.02	2
Teachers Nec., Exc. Coll., Univ.	0.52	39
Writers, Artists, Entertainers	0.19	14
Actors	0.01	1
Designers	0.01	1
Painters, And Sculptors	0.02	2
Photographers	0.02	2
Public Relations Specialist	0.11	8
Writers, Artists, Entertainers, Nec.	0.01	1
Other Professional, Technical	1.47	111
Accountants	0.29	22
Clergy	0.06	5
Religious, Exc. Clergy	0.01	1
Librarians	0.02	2
Personnel Labor Relations	0.16	12
Research Workers, Nec.	0.23	17
Recreation Workers	0.12	9
Social Workers	0.53	40
Vocational, Ed. Counselors	0.04	3
MANAGERS, OFFICIALS, PROPRIETORS	3.79	287
Buyers, Sales, Loan Managers	0.44	33
Bank, Financial Managers	0.07	5

IOWA STATE GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
Credit Managers	0.06	5
Purchasing Agents, Buyers, Nec.	0.30	23
Administrators, Pub. Inspector	3.08	233
Health Administrators	3.08	233
Other Managers, Officials, Prop.	0.27	20
Mgrs., Superintendants, Bldg.	0.07	5
Office Managers, Nec.	0.15	11
Restaurant, Cafe, Bar Mgrs.	0.04	3
Other Mgrs., Administrators	0.00	0
SALES WORKERS	0.08	6
Sales And Sales Workers, Nec.	0.08	6
CLERICAL WORKERS	15.13	1145
Stenographers, Typists, Secre.	4.99	377
Secretaries, Medical	0.64	48
Secretaries, Other	3.48	263
Stenographers	0.11	8
Typists	0.75	57
Office Machine Operators	0.36	27
Bookkeepers, Billing Operator	0.02	2
Computer, Peripheral Equip.	0.16	12
Duplicating Machine Operator	0.01	1
Keypunch Operators	0.13	10
Other Office Machine Operator	0.04	3
Other Clerical Workers	9.78	740
Billing Clerks	0.16	12
Bookkeepers	0.81	61
Cashiers	0.38	29
Clerical Supervisors, Nec.	0.27	20
Counter Clerks, Exc. Food	0.24	18

IOWA STATE GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
Estimators, Investigators, Nec.	0.19	14
File Clerks	0.12	9
Library Attendants, Assistant	0.02	2
Mail Handler, Exc. Post Office	0.14	11
Messengers And Office Helper	0.14	11
Payroll, Timekeeping Clerks	0.09	7
Receptionists	1.86	141
Shipping, Receiving Clerks	0.01	1
Statistical Clerks	0.36	27
Stock Clerks, Storekeepers	0.60	45
Telephone Operators	0.68	51
Misc, Clerical Workers, Nec.	3.72	281
CRAFTS AND KINDRED WORKERS	2.44	185
Construction Crafts Workers	0.99	75
Carpenters And Apprentices	0.28	21
Brick And Stonemasons And Ap.	0.01	1
Electricians And Apprentices	0.18	14
Floor Layers, Exc. Tile Setter	0.01	1
Painters And Apprentices	0.30	23
Plasterers And Apprentices	0.03	2
Plumbers, Pipefitters, And Ap.	0.14	11
Structural Metal Craft Worker	0.02	2
Blue Collar Worker Supvr., Nec.	0.16	12
Metalworking Craft Workers Exc. M.	0.08	6
Boilermakers	0.05	4
Machinists And Apprentices	0.01	1
Sheetmetal Workers And Appr.	0.02	2
Mechanics, Repairers, Installer	0.29	22
Air Cond., Heating, Refrig. Me.	0.17	13
Auto Mechanics And Appr.	0.04	3

IOWA STATE GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
Heavy Equip. Mech., Incl. Deisel	0.05	4
Radio, Television Repairers	0.03	2
Other Crafts, Kindred Workers	0.92	70
Bakers	0.24	18
Dental Laboratory Tech.	0.01	1
Motion Picture Projectionist	0.01	1
Stationary Engineers	0.61	46
Upholsterers	0.03	2
Crafts, Kindred Workers, Nec.	0.02	2
OPERATIVES	2.97	225
Operatives, Exc. Transport	2.67	202
Semiskilled Metalworking	0.02	2
Welders And Flame Cutters	0.02	2
Semiskilled Packing, Inspecting	0.01	1
Packer, Wrapper, Ex. Meat, Prodn.	0.01	1
Other Operatives, Exc. Transpo.	2.64	200
Clothing Ironers And Presser	0.25	19
Dressmakers, Exc. Factory	0.07	5
Dry Wall Installers, Lathes	0.01	1
Laundry, Dry Cleaning Oprs., Nec	1.75	132
Meat Cutters, Butchers, Exc. MF.	0.05	4
Photographic Process Workers	0.03	2
Sewers And Stitchers	0.25	19
Furnace Tendr., Stokr Exc. Meta.	0.10	8
Misc. Mach. Operatives	0.07	5
Operatives, Nec.	0.07	5
Transport Equipment Operatives	0.30	23
Delivery And Route Workers	0.08	6
Taxicab Drivers, Chauffers	0.15	11
Truck Drivers	0.07	5

IOWA STATE GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
SERVICE WORKERS	44.83	3391
Cleaning Service Workers	7.00	530
Lodging Quarters Cleaners Exc. Bldg, Interior Cleaners, Nec.	0.83	63
Janitors And Sextons	3.81	288
Janitors And Sextons	2.36	179
Food Service Workers	5.38	407
Bartenders	0.01	1
Waiters' Assistants	0.10	8
Cooks, Exc. Private	1.56	118
Dishwashers	0.51	39
Food Counter, Fountain Workers	0.22	17
Waiters	0.18	14
Food Workers, Nec., Exc. Priva.	2.78	210
Health Service Workers	29.98	2268
Dental Assistants	0.03	2
Health Aides, Except Nursing	2.88	218
Health Trainees	0.56	42
Nurses Aides, Orderlies	19.89	1505
Practical Nurses	6.62	501
Personal Service Workers	1.94	147
Atten., Recreation, Amusement	0.03	2
Barbers	0.01	1
Child Care Workers, Exc. Priva.	1.32	100
Elevator Operators	0.01	1
Hairdresser, Cosmetologists	0.03	2
Housekeepers, Exc. Private	0.55	42
Protective And Service Worker	0.52	39
Guards	0.52	39

IOWA STATE GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
LABORERS, EXCEPT FARM	0.63	48
Animal Caretakers, Exc. Farm	0.03	2
Constr. Labr., Exc. Carpenter He.	0.03	2
Gardenrs, Groundkeepr., Exc Farm	0.20	15
Stock Handlers	0.31	23
Vehicle Washers, Equip. Cleaner	0.02	2
Warehouse Laborers, Nec.	0.04	3

IOWA STATE GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	261 ^d
Professional, Technical, Kindred	8.75	23
Engineers, Technical	0.09	0
Engineers, Electrical	0.03	0
Engineers, Mechanical	0.05	0
Medical Workers, Exc. Tech.	7.40	19
Dietitians	0.44	1
Pharmacists	0.01	0
Physicians, M.D. Osteopaths	0.02	0
Registered Nurses	6.26	16
Therapists	0.67	2
Health Technol. And Tech.	0.06	0
Clinical Lab. Technol., Tech.	0.01	0
Other Health Technol., Tech.	0.05	0
Social Scientists	0.09	0
Psychologists	0.09	0
Teachers	0.14	0
Teachers Nec., Exc. Coll., Unive.	0.14	0
Writers, Artists, Entertainers	0.09	0
Designers	0.04	0
Writers, Artists, Entertain. Nec.	0.05	0
Other Professional, Technical	0.88	2
Accountants	0.05	0
Religious, Exc. Clergy	0.04	0
Lawyers	0.06	0
Librarians	0.02	0
Personnel Labor Relations	0.07	0
Recreation Workers	0.52	1
Social Workers	0.12	0

IOWA STATE GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
MANAGERS, OFFICIALS, PROPRIETORS	7.50	20
Buyers, Sales, Loan Managers	0.03	0
Credit Managers	0.03	0
Administrators, Pub. Inspector	7.05	18
Health Administrators	7.05	18
Other Managers, Officials, Prop.	0.41	1
Mgrs., Superintendants, Bldg.	0.16	0
Office Managers, Nec.	0.19	1
Restaurant, Cafe, Bar Mgrs.	0.07	0
SALES WORKERS	0.03	0
Sales And Sales Workers, Nec.	0.03	0
CLERICAL WORKERS	2.49	7
Stenographers, Typists, Secre.	1.14	3
Secretaries, Medical	0.05	0
Secretaries, Other	1.05	3
Stenographers	0.02	0
Typists	0.01	0
Office Machine Operators	0.01	0
Duplicating Machine Operator	0.01	0
Other Clerical Workers	1.34	4
Billing Clerks	0.10	0
Bookkeepers	0.60	2
Clerical Supervisors, Nec.	0.09	0
Dispatcher, Starter, Vehicle	0.01	0
Receptionists	0.16	0
Stock Clerks, Storekeepers	0.05	0
Telephone Operators	0.18	0
Misc. Clerical Workers, Nec.	0.16	0

IOWA STATE GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
CRAFTS AND KINDRED WORKERS	0.60	2
Construction Crafts Workers	0.24	1
Carpenters And Apprentices	0.08	0
Electricians And Apprentices	0.05	0
Painters And Apprentices	0.10	0
Plumbers, Pipefitters And Ap.	0.01	0
Blue Collar Workers Supvr., Nec.	0.11	0
Mechanics, Repairers, Installer	0.20	1
Auto Mechanics And Appr.	0.03	0
Heavy Equip. Mech., Incl. Deisel	0.17	0
Other Crafts, Kindred Worker	0.05	0
Bakers	0.05	0
OPERATIVES	4.07	11
Operatives, Exc. Transport	3.96	10
Other Operatives, Exc. Transpo.	3.96	10
Clothing Ironers And Presser	0.09	0
Garage Wrkrs., Gas Station Att.	0.01	0
Laundry, Dry Cleaning Oprs, Nec.	3.69	10
Meat Cutters, Butchers, Exc. MF.	0.06	0
Furnace Tendr, Stokr. Exc. Meta.	0.05	0
Misc. Mach. Operatives	0.07	0
Transport Equipment Operatives	0.12	0
Delivery And Route Workers	0.01	0
Taxicab Drivers, Chauffeurs	0.09	0
Truck Drivers	0.01	0
SERVICE WORKERS	76.23	199
Cleaning Service Workers	8.84	23
Lodging Quartrs. Cleanrs. Exc.	0.94	2
Bldg. Interior Cleaners, Nec.	5.85	15
Janitors And Sextons	2.06	5

IOWA STATE GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
Food Service Workers	13.68	36
Waiters' Assistants	0.14	0
Cooks, Exc. Private	7.31	19
Dishwashers	0.88	2
Waiters	0.90	2
Food Workers, Nec., Exc. Priva.	4.44	12
Health Service Workers	51.09	133
Dental Assistants	0.03	0
Health Aides, Except Nursing	0.66	2
Nurses Aides, Orderlies	44.03	115
Practical Nurses	6.36	17
Personal Service Workers	2.62	7
Atten., Recreation, Amusement	0.05	0
Atten., Personal Service, Nec.	0.31	1
Barbers	0.03	0
Child Care Workers, Exc. Priva.	0.50	1
Hairdressers, Cosmetologists	0.77	2
Housekeepers, Exc. Private	0.95	2
Protective And Service Worker	0.01	0
Guards	0.01	0
LABORERS, EXCEPT FARM	0.33	1
Animal Caretakers, Exc. Farm	0.04	0
Gardeners, Groundkeeper, Exc. Farm	0.23	1
Stock Handlers	0.07	0

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	15897
PROFESSIONAL, TECHNICAL, KINDRED	46.75	7432
Engineers, Technical	0.48	76
Engineers, Chemical	0.10	16
Engineers, Civil	0.09	14
Engineers, Electrical	0.09	14
Engineers, Industrial	0.06	10
Engineers, Mechanical	0.02	3
Engineers, Other	0.13	21
Life And Physical Scientists	1.15	183
Agricultural Scientists	0.25	40
Atmospheric, Space Scientists	0.02	3
Biological Scientists	0.19	30
Chemists	0.56	89
Geologists	0.02	3
Physicists And Astronomers	0.10	16
Mathematical Specialists	0.08	13
Mathematicians	0.02	3
Statisticians	0.06	10
Engineers, Science Technician	1.66	264
Agri, Biolog Tech Exc, Health	0.12	19
Chemical Technicians	0.32	51
Drafters	0.04	6
Electrical, Electronic Tech,	0.22	35
Surveyors	0.05	8
Engineering, Science Tech, Nec.	0.91	145
Medical Workers, Exc, Tech.	0.90	143
Dentists	0.01	2
Dietitians	0.08	13
Pharmacists	0.04	6

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Physicians, M.D. Osteopaths	0.19	30
Registered Nurses	0.27	43
Therapists	0.20	32
Veterinarians	0.10	16
Health Technol. And Tech.	1.18	188
Clinical Lab. Technol., Tech.	0.22	35
Health Record Technol., Tech.	0.03	5
Radiologic Technol., Tech.	0.05	8
Therapy Assistants	0.04	6
Other Health Technol., Tech.	0.83	132
Technicians, Exc. Health	0.41	65
Airplane Pilots	0.02	3
Embalmers	0.01	2
Radio Operators	0.07	11
Tool Programers, Numerical	0.00	0
Other Technicians Exc. Health	0.31	49
Computer Specialists	0.86	137
Computer Programmers	0.52	83
Computer Systems Analysts	0.22	35
Other Computer Specialists	0.12	19
Social Scientists	0.55	87
Economists	0.21	33
Psychologists	0.28	45
Sociologists	0.02	3
Other Social Scientists	0.04	6
Teachers	29.70	4721
Adult Education Teachers	0.70	111
College And University Teachers	28.89	4593
Preschool, Kindergarten	0.11	17
Writers, Artists, Entertainers	1.56	248
Actors	0.05	8

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Authors	0.02	3
Designers	0.04	6
Editors And Reporters	0.44	70
Musicians And Composers	0.10	16
Painters And Sculptors	0.16	25
Photographers	0.18	29
Public Relations Specialist	0.37	59
Radio, TV Announcers	0.08	13
Writers, Artists, Entertain. Nec.	0.12	19
Other Professional, Technical	8.22	1307
Accountants	0.35	56
Architects	0.04	6
Clergy	0.04	6
Religious, Exc. Clergy	0.02	3
Farm Management Advisors	0.22	35
Home Management Advisors	0.14	22
Lawyers	0.05	8
Librarians	1.53	243
Personnel Labor Relations	0.16	25
Research Workers, Nec.	3.43	545
Recreation Workers	0.61	97
Social Workers	0.05	8
Vocational, Ed. Counselors	1.57	250
MANAGERS, OFFICIALS, PROPRIETORS	5.25	835
Buyers, Sales, Loan Managers	0.26	41
Bank, Financial Managers	0.09	14
Credit Managers	0.01	2
Purchasing Agents, Buyers, Nec.	0.14	22
Sales Managers, Exc. Ret Trade	0.02	3

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Administrators, Pub. Inspector	2.74	436
School Admin., College	2.74	436
Other Managers, Officials, Prop.	2.25	358
Mgrs., Superintendants, Bldg.	0.11	17
Office Managers, Nec.	0.07	11
Restaurant, Cafe, Bar Mgrs.	0.06	10
Other Mgrs., Administrators	2.00	318
SALES WORKERS	0.14	22
Demonstrators	0.00	0
Sales And Sales Workers, Nec.	0.13	21
CLERICAL WORKERS	22.90	3640
Stenographers, Typists, Secre.	10.40	1653
Secretaries, Medical	0.08	13
Secretaries, Other	8.77	1394
Stenographers	0.13	21
Typists	1.42	226
Office Machine Operators	1.21	192
Calculating Machine Operator	0.01	2
Computer, Peripheral Equip.	0.60	95
Duplicating Machine Operator	0.12	19
Key punch Operators	0.44	70
Tabulating Machine Operators	0.00	0
Other Office Machine Operato.	0.04	6
Other Clerical Workers	11.29	1795
Billing Clerks	0.04	6
Bookkeepers	0.56	89
Cashiers	0.71	113
Clerical Supervisors, Nec.	0.32	51
Counter Clerks, Exc. Food	0.44	70

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ, Percent 1974	Employ. 1974
Estimators, Investigators, Nec.	0,04	6
File Clerks	0,25	40
Library Attendants, Assistant	2,26	359
Mail Handler, Exc. Post Office	0,44	70
Messengers, And Office Helper	0,17	27
Payroll, Timekeeping Clerks	0,08	13
Receptionists	1,76	280
Shipping, Receiving Clerks	0,06	10
Statistical Clerks	0,29	46
Stock Clerks, Store Keepers	0,50	79
Teachers Aides, Exc. Monitors	0,43	68
Telephone Operators	0,65	103
Misc. Clerical Workers, Nec.	2,29	364
CRAFTS AND KINDRED WORKERS	2.95	469
Construction Crafts Workers	1.26	200
Carpenters And Apprentices	0,18	29
Bulldozer Operators	0,02	3
Cement And Concrete Finisher	0,01	2
Electricians And Apprentices	0,25	40
Excavating, Grading, Mach. Op.	0,01	2
Floor Layers, Exc. Tile Setter	0,01	2
Painters And Apprentices	0,59	94
Plasterers And Apprentices	0,02	3
Plumbers, Pipefitters And Ap.	0,13	21
Structural Metal Craft Worker	0,02	3
Blue Collar Worker Supvr., Nec.	0,28	45
Metalworking Craft Wrkrs, Exc. M.	0,16	25
Machinists And Apprentices	0,09	14
Sheetmetal Workers And Appr.	0,07	11

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Mechanics, Repairers, Installer	0.68	108
Air Cond., Heating, Refrig. Me.	0.14	22
Auto Mechanics And Appr.	0.09	14
Heavy Equip. Mech., Incl. Deisel	0.19	30
Household Appliance Mechanic	0.02	3
Office Machine Repairers	0.02	3
Radio, Television Repairers	0.03	5
Other Mechanics And Appr.	0.19	30
Printing Trade Crafts Workers	0.20	32
Bookbinders	0.04	6
Compositors And Typesetters	0.10	16
Pressmen, Plate Prntrs., Appre	0.06	10
Transportation, Pub. Util. Craft	0.02	3
Power Station Operators	0.01	2
Telephone Line Instalr. Splic.	0.01	2
Other Crafts, Kindred Worker	0.34	54
Bakers	0.05	8
Cabinetmakers	0.01	2
Crane, Derrick, And Hoist Opr.	0.03	5
Inspectors, Other	0.05	8
Sign Painters And Letterers	0.04	6
Stationary Engineers	0.12	19
Crafts, Kindred Workers, Nec.	0.03	5
OPERATIVES	1.85	294
Operatives, Exc. Transport	1.55	246
Semiskilled Metalworking	0.04	6
Welders And Flame Cutters	0.04	6
Other Operatives, Exc. Transport	1.51	240
Clothing Ironers And Presser	0.04	6
Dressmakers, Exc. Factory	0.02	3

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Garage Wrkrs., Gas Station Att.	0.05	8
Laundry, Dry Cleaning Oprs, N.	0.11	17
Meat Cutters, Butchers, Exc. MF.	0.05	8
Photographic Process Workers	0.15	24
Sewers And Stitchers	0.02	3
Furnace Tendr, Stokr. Exc. Meta.	0.02	3
Misc. Mach. Operatives	0.15	24
Operatives, Nec.	0.90	143
Transport Equipment Operatives	0.31	49
Bus Drivers	0.04	6
Delivery And Route Workers	0.08	13
Parking Attendants	0.02	3
Taxicab Drivers, Chauffeurs	0.06	10
Truck Drivers	0.10	16
SERVICE WORKERS	17.94	2851
Cleaning Service Workers	6.57	1044
Lodging Quartrs Cleaners Exc.	0.77	122
Bldg. Interior Cleaners, Nec.	2.09	332
Janitors And Sextons	3.71	590
Food Service Workers	8.04	1278
Waiters' Assistants	0.46	73
Cooks, Exc. Private	0.92	146
Dishwashers	1.08	172
Food Counter, Fountain Worker	2.87	456
Waiters	0.81	129
Food Workers, Nec. Exc. Priva.	1.90	302
Health Service Workers	0.46	73
Dental Assistants	0.03	5
Health Aides, Except Nursing	0.12	19

IOWA STATE GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Nurses Aides, Orderlies	0.18	29
Practical Nurses	0.13	21
Personal Service Workers	2.38	378
Atten., Recreation, Amusement	0.41	65
Atten., Personal Service, Nec.	0.13	21
Child Care Workers, Exc. Priva.	0.60	95
Housekeepers, Exc. Private	1.18	188
School Monitors	0.06	10
Protective And Service Worker	0.49	78
Guards	0.31	49
Police And Detectives	0.19	30
LABORERS, EXCEPT FARM	2.23	355
Animal Caretakers, Exc. Farm	0.48	76
Constr. Labr., Exc. Carpenter He.	0.05	8
Freight, Material Handlers	0.26	41
Gardenrs., Groundkeepr., Exc. Far.	1.28	203
Stock Handlers	0.04	6
Vehicle Washers, Equip. Cleane.	0.09	14
Other Laborers	0.03	5

IOWA STATE GOVERNMENT EDUCATIONAL SERVICES, NEC. OCCUPATIONS

SIC 824

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	897
PROFESSIONAL, TECHNICAL, KINDRED	81.79	734
Medical Workers, Exc. Tech.	1.02	9
Dietitians	0.08	1
Registered Nurses	0.11	1
Therapists	0.83	7
Technicians, Exc. Health	0.44	4
Airplane Pilots	0.44	4
Computer Specialists	0.16	1
Computer Programmers	0.16	1
Teachers	75.42	677
Adult Education Teachers	5.23	47
Teachers Nec., Exc. Coll., Univ.	70.19	630
Writers, Artists, Entertainers	0.88	8
Athletes and Kindred Workers	0.44	4
Designers	0.09	1
Editor And Reporters	0.16	1
Painters And Sculptors	0.03	0
Public Relations Specialist	0.16	1
Other Professional, Technical	3.88	35
Librarians	0.47	4
Personnel Labor Relations	0.31	3
Research Workers, Nec.	0.14	1
Recreation Workers	0.79	7
Social Workers	0.09	1
Vocational, Ed. Counselors	2.07	19
MANAGERS, OFFICIALS, PROPRIETORS	4.45	40
Buyers, Sales, Loan Managers	0.20	2
Sales Manager, Exc. Ret. Trade	0.20	2

IOWA STATE GOVERNMENT EDUCATIONAL SERVICES, NEC, OCCUPATIONS

SIC 824

	Employ. Percent 1974	Employ. 1974
Other Managers, Officials, Prop.	4.24	38
Office Managers, Nec.	0.35	3
Restaurant, Cafe, Bar Mgrs.	0.20	2
Other Mgrs., Administrators	3.69	33
SALES WORKERS	0.46	4
Sales And Sales Workers, Nec.	0.46	4
CLERICAL WORKERS	8.48	76
Stenographers, Typists, Secre.	4.15	37
Secretaries, Other	3.64	33
Stenographers	0.19	2
Typists	0.31	3
Other Clerical Workers	4.34	39
Bookkeepers	0.24	2
Estimators, Investigators, Nec.	0.16	1
File Clerks	0.05	0
Mail Handler, Exc. Post Office	0.22	2
Receptionists	0.16	1
Statistical Clerks	0.60	5
Stock Clerks, Storekeepers	0.09	1
Teachers Aides, Exc. Monitors	0.41	4
Misc. Clerical Workers, Nec.	2.42	22
CRAFTS AND KINDRED WORKERS	0.16	1
Blue Collar Worker Supvr., Nec.	0.16	1
OPERATIVES	0.64	6
Operatives, Exc. Transport	0.58	5
Other Operatives, Exc. Transpo.	0.58	5
Laundry, Dry Cleaning Oprs, N.	0.46	4
Sewers And Stitchers	0.13	1

IOWA STATE GOVERNMENT EDUCATIONAL SERVICES, NEC, OCCUPATIONS

SIC 824

	Employ. Percent 1974	Employ. 1974
Transport Equipment Operatives	0.06	1
Bus Drivers	0.06	1
SERVICE WORKERS	4.02	36
Cleaning Service Workers	1.23	11
Lodging Quartrs. Cleanrs. Exc.	0.09	1
Bldg. Interior Cleaners, Nec.	0.33	3
Janitors And Sextons	0.80	7
Food Service Workers	1.43	13
Cooks, Exc. Private	0.80	7
Dishwashers	0.27	2
Food Counter, Fountain Worker	0.14	1
Waiters	0.05	0
Food Workers, Nec. Exc. Priva.	0.17	2
Health Service Workers	0.38	3
Nurses Aides, Orderlies	0.08	1
Practical Nurses	0.30	3
Personal Service Workers	0.85	8
Atten., Personal Service, Nec.	0.16	1
Welfare Service Aides	0.69	6
Protective And Service Workers	0.14	1
Guards	0.14	1

IOWA STATE GOVERNMENT WELFARE SERVICES OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	2298
PROFESSIONAL, TECHNICAL, KINDRED	36.66	842
Mathematical Specialists	0.23	5
Statisticians	0.23	5
Medical Workers, Exc. Tech.	1.00	23
Pharmacists	0.11	3
Physicians, M.D. Osteopaths	0.04	1
Registered Nurses	0.20	5
Therapists	0.66	15
Health Technol. And Tech.	0.11	3
Clinical Lab. Technol., Tech.	0.11	3
Computer Specialists	0.13	3
Other Computer Specialists	0.13	3
Social Scientists	0.41	9
Psychologists	0.41	9
Teachers	0.75	17
Adult Education Teachers	0.16	4
Teachers Nec., Exc. Coll., Unive.	0.59	14
Writers, Artists, Entertainers	0.65	15
Editors And Reporters	0.07	2
Musicians And Composers	0.11	3
Public Relations Specialist	0.47	11
Other Professional, Technical	33.38	767
Accountants	0.65	15
Clergy	0.65	15
Religious, Exc. Clergy	0.09	2
Lawyers	0.09	2
Librarians	0.47	11
Personnel Labor Relations	0.56	13
Research Workers, Nec.	0.34	8

IOWA STATE GOVERNMENT WELFARE SERVICES OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
Recreation Workers	0.65	15
Social Workers	29.89	687
MANAGERS, OFFICIALS, PROPRIETORS	10.95	252
Buyers, Sales, Loan Managers	0.16	4
Purchasing Agents, Buyers, N.	0.16	4
Other Managers, Officials, Prop.	10.78	248
Office Managers, Nec.	0.14	3
Other Mgrs., Administrators	10.64	245
SALES WORKERS	0.52	12
Sales And Sales Workers, Nec.	0.52	12
CLERICAL WORKERS	26.57	611
Stenographers, Typists, Secre.	15.09	347
Secretaries, Legal	0.13	3
Secretaries, Other	11.00	253
Stenographers	1.00	23
Typists	2.96	68
Office Machine Operators	0.41	9
Keypunch Operators	0.36	8
Tabulating Machine Operators	0.05	1
Other Clerical Workers	11.07	254
Bookkeepers	1.08	25
Cashiers	0.79	18
Clerical Assist. Soc. Welfare	1.92	44
Clerical Supervisors, Nec.	0.59	14
Estimators, Investigators, Nec.	0.14	3
File Clerks	0.32	7
Mail Handler, Exc. Post Office	0.32	7
Payroll, Time Keeping Clerks	0.09	2

IOWA STATE GOVERNMENT WELFARE SERVICES OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
Receptionist	1.90	44
Statistical Clerks	0.83	19
Telephone Operators	0.16	4
Misc. Clerical Workers, Nec.	2.92	67
CRAFTS AND KINDRED WORKERS	0.75	17
Construction Crafts Workers	0.14	3
Carpenters And Apprentices	0.14	3
Blue Collar Worker Supvr., Nec.	0.07	2
Mechanics, Repairers, Installer	0.22	5
Radio, Television Repairers	0.04	1
Other Mechanics And Appr.	0.18	4
Other Crafts, Kindred Worker	0.32	7
Furniture And Wood Finishers	0.09	2
Inspectors, Other	0.11	3
Motion Picture Projectionist	0.13	3
OPERATIVES	2.92	67
Operatives, Exc. Transport	1.90	44
Semiskilled Packing, Inspecting	0.25	6
Packer, Wrapper, Exc. Meat, Produ.	0.25	6
Other Operatives, Exc. Transpo.	1.65	38
Dressmakers, Exc. Factory	0.07	2
Meat Cutters, Butchers, Exc. MF.	0.13	3
Sewers And Stitchers	0.09	2
Misc. Mach. Operatives	0.27	6
Operatives, Nec.	1.09	25
Transport Equipment Operatives	1.02	23
Delivery And Route Workers	0.13	3
Taxicab Drivers, Chauffers	0.20	5
Truck Drivers	0.70	16

IOWA STATE GOVERNMENT WELFARE SERVICES OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
SERVICE WORKERS	20.64	474
Cleaning Service Workers	2.06	47
Lodging Quartrs. Cleanrs. Exc.	0.07	2
Bldg. Interior Cleaners, Nec,	0.81	19
Janitors And Sextons	1.18	27
Food Service Workers	0.66	15
Cooks, Exc. Private	0.29	7
Dishwashers	0.11	3
Waiters	0.05	1
Food Workers, Nec., Exc. Priva.	0.22	5
Health Service Workers	1.24	28
Health Aides, Except Nursing	0.20	5
Nurses Aides, Orderlies	0.84	19
Practical Nurses	0.20	5
Personal Service Workers	16.67	383
Atten., Recreation, Amusement	0.05	1
Child Care Workers, Exc. Priva.	2.33	54
Hairdressers, Cosmetologists	0.38	9
Housekeepers, Exc. Private	0.22	5
Welfare Service Aides	13.69	315
LABORERS, EXCEPT FARM	0.99	23
Freight, Material Handlers	0.99	23

IOWA STATE GOVERNMENT RESIDENTIAL WELFARE OCCUPATIONS

SIC 868

	Employ. Percent 1974	Employ. 1974
TOTAL, ALL OCCUPATIONS	100.0	542
PROFESSIONAL, TECHNICAL, KINDRED	11.33	61
Medical Workers, Exc. Tech.	1.54	8
Registered Nurses	0.54	3
Therapists	1.01	5
Teachers	1.48	8
Teachers Nec., Exc. Coll., Unive.	1.48	8
Writers, Artists, Entertainers	0.80	4
Athletes and Kindred Workers	0.80	4
Other Professional, Technical	7.51	41
Clergy	0.40	2
Research Workers, Nec.	0.74	4
Recreation Workers	2.15	12
Social Workers	3.49	19
Vocational, Ed. Counselors	0.74	4
MANAGERS, OFFICIALS, PROPRIETORS	3.29	18
Other Managers, Officials, Prop.	3.29	18
Other Mgrs., Administrators	3.29	18
CLERICAL WORKERS	4.69	25
Stenographers, Typists, Secre.	2.35	13
Secretaries, Other	1.27	7
Typists	1.07	6
Other Clerical Workers	2.35	13
Bookkeepers	0.27	1
Receptionists	0.74	4
Stock Clerks, Store Keepers	0.60	3
Telephone Operators	0.74	4

IOWA STATE GOVERNMENT RESIDENTIAL WELFARE OCCUPATIONS

SIC 868

	Employ. Percent 1974	Employ. 1974
CRAFTS AND KINDRED WORKERS	1.68	9
Construction Crafts Workers	0.87	5
Carpenters And Apprentices	0.87	5
Mechanics, Repairers, Installer	0.60	3
Heavy Equip. Mech., Incl. Deisel	0.60	3
Other Crafts, Kindred Worker	0.20	1
Bakers	0.20	1
OPERATIVES	4.36	24
Operatives, Exc. Transport	3.42	19
Other Operatives, Exc. Transpo.	3.42	19
Dressmakers, Exc. Factory	0.60	3
Laundry, Dry Cleaning Oprs., N.	2.35	13
Sewers And Stitchers	0.47	3
Transport Equipment Operatives	0.94	5
Delivery And Route Workers	0.27	1
Taxicab Drivers, Chauffeurs	0.47	3
Truck Drivers	0.20	1
SERVICE WORKERS	74.25	402
Cleaning Service Workers	4.49	24
Lodging Quartrs. Cleaners, Exc.	0.94	5
Bldg. Interior Cleaners, Nec.	0.87	5
Janitors And Sextons	2.68	15
Food Service Workers	7.04	38
Cooks, Exc. Private	3.76	20
Dishwashers	0.40	2
Waiters	0.47	3
Food Workers, Nec. Exc. Priva.	2.41	13

IOWA STATE GOVERNMENT RESIDENTIAL WELFARE OCCUPATIONS

SIC 868

	Employ. Percent 1974	Employ. 1974
Health Service Workers	12.81	69
Nurses Aides, Orderlies	12.21	66
Practical Nurses	0.60	3
Personal Service Workers	49.50	268
Atten., Personal Service, Nec.	2.75	15
Child Care Workers, Exc. Private	43.53	236
Hairdressers, Cosmetologists	1.88	10
Housekeepers, Exc. Private	1.34	7
Protective And Service Workers	0.40	2
Guards	0.40	2
LABORERS, EXCEPT FARM	0.40	2
Freight Material Handlers	0.40	2

IOWA STATE GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 92

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	7534
PROFESSIONAL TECHNICAL KINDRED	25.98	1957
Engineers, Technical	0.72	54
Engineers, Civil	0.05	4
Engineers, Electrical	0.09	7
Engineers, Industrial	0.31	23
Engineers, Other	0.27	20
Life And Physical Scientists	0.61	46
Agricultural Scientists	0.19	14
Biological Scientists	0.28	21
Chemists	0.15	11
Mathematical Specialists	0.28	21
Statisticians	0.28	21
Engineers, Science Technician	0.78	59
Agri., Biolog. Tech. Exc. Health	0.27	20
Drafters	0.16	12
Surveyors	0.21	16
Engineering, Science Tech., Nec.	0.15	11
Medical Workers, Exc. Tech.	0.77	58
Dietitians	0.23	17
Registered Nurses	0.15	11
Therapists	0.33	25
Veterianarians	0.07	5
Technicians, Exc. Health	0.84	63
Airplane Pilots	0.12	9
Radio Operators	0.17	13
Other Technicians Exc. Health	0.54	41
Computer Specialists	0.45	34
Computer Programmers	0.38	29
Computer Systems Analysts	0.07	5

IOWA STATE GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 92

	Employ. Percent 1974	Employ. 1974
Social Scientists	0.29	22
Psychologists	0.29	22
Teachers	0.96	72
Adult Education Teachers	0.12	9
Teachers Nec., Exc. Coll., Univ.	0.84	63
Writers, Artists, Entertainers	1.54	116
Athletes and Kindred Workers	0.25	19
Painters and Sculptors	0.25	19
Public Relations Specialist	1.04	78
Other Professional, Technical	18.74	1412
Accountants	7.13	537
Clergy	0.16	12
Religious, Exc. Clergy	0.05	4
Foresters, Conservationists	0.85	64
Judges	1.11	84
Lawyers	1.17	88
Librarians	0.15	11
Operations, Systems Research	0.35	26
Personnel, Labor Relations	4.61	347
Research Workers, Nec.	0.37	28
Recreation Workers	0.19	14
Social Workers	1.90	143
Vocational Ed. Counselors	0.72	54
MANAGERS, OFFICIALS, PROPRIETORS	17.83	1343
Buyers, Sales, Loan Managers	0.70	53
Purchasing Agents, Buyers, Nec.	0.70	53
Administrators, Pub. Inspectors	16.76	1263
Construction Inspectors, Pub.	0.11	8
Inspectors, Exc. Construct., Pub.	5.30	399
Officials, Admins., Pub.	11.36	856

IOWA STATE GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 92

	Employ. Percent 1974	Employ. 1974
Other Managers, Officials, Prop. Mgrrs., Superintendants, Bldg.	0.36	27
Office Managers, Nec.	0.09	7
Restaurant, Cafe, Bar Mgrrs.	0.20	15
	0.07	5
SALES WORKERS	0.32	24
Sales And Sales Workers, Nec.	0.32	24
CLERICAL WORKERS	28.30	2132
Stenographers, Typists, Secre.	11.22	845
Secretaries, Legal	0.17	13
Secretaries, Medical	0.05	4
Secretaries, Other	7.38	556
Stenographers	0.40	30
Typists	3.21	242
Office Machine Operators	1.73	130
Calculating Machine Operator	0.04	3
Computer, Peripheral Equip.	0.38	29
Key punch Operators	1.04	78
Tabulating Machine Operators	0.01	1
Other Office Machine Operator	0.25	19
Other Clerical Workers	15.36	1157
Billing Clerks	0.13	10
Bookkeepers	2.79	210
Cashiers	0.19	14
Clerical Supervisors, Nec.	0.81	61
Counter Clerks, Exc. Food	0.09	7
Dispatcher, Starter, Vehicle	0.07	5
Enumerators and Interviewers	0.19	14
Estimators, Investigators, Nec.	0.84	63
File Clerks	0.78	59

IOWA STATE GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 92

	Employ. Percent 1974	Employ 1974
Insurance Adjust. Examiners	0.13	10
Mail Handler, Exc. Post Office	0.82	62
Messengers And Office Helper	0.76	57
Payroll, Time Keeping Clerks	0.20	15
Real Estate Appraisers	0.09	7
Receptionists	1.13	85
Statistical Clerks	0.86	65
Stock Clerks, Store Keepers	0.64	48
Telephone Operators	0.25	19
Weighers	0.05	4
Misc. Clerical Workers, Nec.	4.54	342
CRAFTS AND KINDRED WORKERS	5.48	413
Construction Crafts Workers	1.63	123
Carpenters And Apprentices	0.49	37
Bulldozer Operators	0.25	19
Electricians And Apprentices	0.48	36
Excavating, Grading, Mach. Op.	0.05	4
Painters And Apprentices	0.19	14
Plumbers, Pipefitters, And Ap.	0.17	13
Blue Collar Worker Supvr., Nec.	1.00	75
Metalworking Craft Wrks. Exc. M	0.09	7
Machinists And Apprentices	0.09	7
Mechanics, Repairers, Installer	2.03	153
Aircraft Mechanics	0.52	39
Auto Mechanics And Appr.	0.66	50
Heavy Equip. Mech., Incl. Deise.	0.21	16
Household Appliance Mechanic	0.16	12
Radio, Television Repairers	0.25	19
Other Mechanics And Appr.	0.23	17

IOWA STATE GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 92

	Employ. Percent 1974	Employ. 1974
Transportation, Pub. Util. Craft.	0.12	9
Power Station Operators	0.12	9
Other Crafts, Kindred Worker	0.61	46
Bakers	0.15	11
Sign Painters And Letterers	0.07	5
Stationary Engineers	0.40	30
OPERATIVES	1.38	104
Operatives, Exc. Transport	0.93	70
Semiskilled Metalworking	0.09	7
Welders And Flame Cutters	0.09	7
Semiskilled Packing, Inspecting	0.11	8
Packer, Wrapper, Ex. Meat Produ.	0.11	8
Other Operatives, Exc. Transpo.	0.73	55
Garage Wkrs., Gas Station Att.	0.09	7
Furnace Tendr., Stokr. Exc. Meta.	0.35	26
Misc. Mach. Operatives	0.12	9
Operatives, Nec.	0.17	13
Transport Equipment Operatives	0.45	34
Truck Drivers	0.45	34
SERVICE WORKERS	19.39	1461
Cleaning Service Workers	1.67	126
Lodging Quartrs. Cleaners Exc.	0.04	3
Bldg. Interior Cleaners, Nec.	0.36	27
Janitors And Sextons	1.27	96
Food Service Workers	0.27	20
Waiters Assistants	0.13	10
Cooks Exc. Private	0.13	10
Health Service Workers	0.27	20
Health Aids, Except Nursing	0.21	16
Nurses Aides, Orderlies	0.05	4

IOWA STATE GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 92

	Employ. Percent 1974	Employ. 1974
Personal Service Workers	1.66	125
Atten., Recreation, Amusement	0.19	14
Atten., Personal Services, Nec.	0.16	12
Child Care Workers, Exc. Priva.	0.80	60
Elevator Operators	0.17	13
Housekeepers, Exc. Private	0.13	10
Welfare Service Aides	0.21	16
Protective And Service Worker	15.53	1170
Crossing Guard, Bridge Tender	0.09	7
Firefighters	0.28	21
Guards	8.06	607
Marshals And Constables	0.16	12
Police And Detectives	6.84	515
Sheriffs And Bailiffs	0.11	8
LABORERS EXCEPT FARM	1.33	100
Gardeners, Groundkeeper, Exc. Far.	1.26	95
Warehouse Laborers, Nec.	0.07	5

IOWA LOCAL GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	220
PROFESSIONAL, TECHNICAL, KINDRED	0.10	0
Engineers, Technical	0.02	0
Engineers, Civil	0.00	0
Engineers, Mechanical	0.00	0
Engineers, Other	0.01	0
Life and Physical Scientists	0.02	0
Agricultural Scientists	0.01	0
Biological Scientists	0.01	0
Engineers, Science Technician	0.03	0
Agri., Biolog. Tech. Exc. Health	0.03	0
Engineering, Science Tech. Nec.	0.00	0
Writers, Artists, Entertainers	0.01	0
Athletes and Kindred Workers	0.01	0
Other Professional, Technical	0.02	0
Accountants	0.01	0
Farm Management Advisors	0.01	0
MANAGERS, OFFICIALS, PROPRIETORS	0.04	0
Buyers, Sales, Loan Managers	0.01	0
Sales Manager, Exc. Ret. Trade	0.01	0
Other Managers, Officials, Prop.	0.02	0
Office Managers, Nec.	0.01	0
Other Mgrs., Administrators	0.02	0
SALES WORKERS	0.12	0
Sales and Sales Workers Nec.	0.12	0
CLERICAL WORKERS	0.31	1
Stenographers, Typists, Secre.	0.15	0

IOWA LOCAL GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
Secretaries, Other	0.15	0
Typists	0.00	0
Office Machine Operators	0.00	0
Other Office Machine Operators	0.00	0
Other Clerical Workers	0.15	0
Bookkeepers	0.07	0
Cashiers	0.00	0
Counter Clerks, Exc. Food	0.04	0
File Clerks	0.01	0
Mail Handler, Exc. Post Office	0.00	0
Messengers and Office Helpers	0.00	0
Payroll, Time Keeping Clerks	0.01	0
Shipping, Receiving Clerks	0.00	0
Statistical Clerks	0.00	0
Stock Clerks, Store Keepers	0.00	0
Weighers	0.00	0
Misc. Clerical Workers, Nec.	0.01	0
 CRAFTS AND KINDRED WORKERS	 0.19	 0
Construction Crafts Workers	0.08	0
Carpenters and Apprentices	0.05	0
Brick and Stonemasons and Ap.	0.01	0
Bulldozer Operators	0.00	0
Excavating, Grading, Mach. Op.	0.01	0
Painters and Apprentices	0.01	0
Plumbers, Pipefitters and Ap.	0.00	0
Blue Collar Worker Supvr., Nec.	0.04	0
Metalworking Craft Workers, Exc. M.	0.00	0
Machinists and Apprentices	0.00	0
Mechanics, Repairers, Installer	0.03	0
Auto Mechanics and Appr.	0.01	0

IOWA LOCAL GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
Farm Implement Mechanics	0.01	0
Heavy Equip. Mech., Incl. Diesel	0.02	0
Other Crafts, Kindred Worker	0.05	0
Decorators, Window Dressers	0.04	0
Inspectors, Other	0.00	0
OPERATIVES	0.20	0
Operatives, Exc. Transport	0.05	0
Semiskilled Metalworking	0.01	0
Welders and Cutters	0.01	0
Semiskilled Packing, Inspecting	0.02	0
Packer, Wrapper, Ex. Meat, Produ.	0.02	0
Other Operatives, Exc. Transpo.	0.03	0
Meat Cutters, Butchers, Exc. Mf.	0.00	0
Mixing Operatives	0.00	0
Sawyers	0.00	0
Furnace Tender, Stoker, Exc. Metal	0.00	0
Misc. Mach. Operatives	0.02	0
Operatives, Nec.	0.00	0
Transport Equipment Operatives	0.15	0
Delivery and Route Workers	0.09	0
Fork Lift, Tow Motor Operative	0.00	0
Truck Drivers	0.06	0
SERVICE WORKERS	0.04	0
Cleaning Service Workers	0.02	0
Lodging Quarters, Cleaning Exc.	0.01	0
Bldg. Interior Cleaners, Nec.	0.01	0
Janitors and Sextons	0.00	0
Food Service Workers	0.01	0
Cooks Exc. Private	0.01	0

IOWA LOCAL GOVERNMENT AGRICULTURAL PRODUCTION OCCUPATIONS

SIC 011

	Employ. Percent 1974	Employ. 1974
Personal Service Workers	0.01	0
Housekeepers	0.01	0
Protective and Service Workers	0.00	0
Guards	0.00	0
FARMERS AND FARM WORKERS	99.00	218
Farmers and Farm Workers	70.80	156
Farmers (Owners and Tenants)	70.11	154
Farm Managers	0.69	2
Farm Laborers, Farm Supervisor	28.20	62
Farm Labor Supervisors	0.17	0
Farm Laborers, Wage Wrkrs.	13.11	29
Farm Laborers, Unpaid Family	14.91	33
Farm Laborers, Self-Empl.	0.01	0

IOWA LOCAL GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	6991
PROFESSIONAL, TECHNICAL, KINDRED	8.36	584
Engineers, Technical	2.29	160
Engineers, Civil	2.12	148
Engineers, Electrical	0.04	3
Engineers, Mechanical	0.01	1
Engineers, Metallurgical	0.06	4
Engineers, Other	0.06	4
Life and Physical Scientists	0.15	10
Agricultural Scientists	0.03	2
Chemists	0.08	6
Geologists	0.04	3
Mathematical Specialist	0.03	2
Statisticians	0.03	2
Engineers, Science Technician	4.43	310
Agri., Biolog. Tech., Exc. Health	0.10	7
Chemical Technicians	0.27	19
Drafters	0.95	66
Electrical, Electronic Tech.	0.13	9
Surveyors	2.25	157
Engineering, Science Tech Nec.	0.73	51
Technicians, Exc. Health	0.11	8
Other Technicians Exc. Health	0.11	8
Computer Specialists	0.28	20
Computer Programmers	0.15	10
Computer Systems Analysts	0.05	3
Other Computer Specialists	0.08	6
Social Scientists	0.04	3
Urban and Regional Planners	0.04	3

IOWA LOCAL GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS
SIC 16

	Employ. Percent 1974	Employ. 1974
Writers, Artists, Entertainers	0.31	22
Designers	0.14	10
Public Relations Specialists	0.17	12
Other Professional Technical	0.70	49
Accountants	0.50	35
Architects	0.03	2
Foresters, Conservationists	0.09	6
Lawyers	0.01	1
Personnel Labor Relations	0.07	5
MANAGERS, OFFICIALS, PROPRIETORS	12.09	845
Buyers, Sales, Loan Managers	0.43	30
Bank Financial Managers	0.07	5
Purchasing Agents, Buyers, N.	0.33	23
Sales Manager, Exc. Ret. Trade	0.03	2
Administrators, Pub. Inspector	1.23	86
Officials, Admins., Pub.	1.23	86
Other Managers, Officials, Prop.	10.42	728
Office Managers, Nec.	0.75	52
Officers, Pilots, Pursers, Ship.	0.03	2
Other Mgrs., Administrators	9.64	674
SALES WORKERS	0.20	14
Sales and Sales Workers, Nec.	0.20	14
CLERICAL WORKERS	4.59	321
Stenographers, Typists, Secre.	1.72	120
Secretaries	1.42	99
Stenographers	0.04	3
Typists	0.27	19

IOWA LOCAL GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
Office Machine Operators	0.25	17
Computer, Peripheral Equip.	0.05	3
Keypunch Operators	0.20	14
Other Clerical Workers	2.62	183
Bookkeepers	0.86	60
Cashiers	0.05	3
Estimators, Investigators, Nec.	0.07	5
Expeditors, Prod. Controllers	0.13	9
File Clerks	0.09	6
Mail Handler, Exc. Post Office	0.04	3
Payroll, Timekeeping Clerks	0.14	10
Real Estate Appraisers	0.13	9
Receptionists	0.04	3
Statistical Clerks	0.08	6
Stock Clerks, Store Keepers	0.27	19
Ticket Station, Express Agen.	0.00	0
Weighers	0.44	31
Misc. Clerical Workers, Nec.	0.27	19
 CRAFTS AND KINDRED WORKERS	 39.89	 2789
Construction Crafts Workers	24.71	1727
Carpenters and Apprentices	2.41	168
Brick and Stonemasons and Ap.	0.27	19
Bulldozer Operators	3.57	250
Cement and Concrete Finisher	0.56	39
Electricians and Apprentices	0.25	17
Excavating, Grading, Mach. Op.	16.29	1139
Painters and Apprentices	0.33	23
Plumbers, Pipefitters and Ap.	0.60	42
Structural Metal Craft Work.	0.27	19
Tilersetters	0.16	11

IOWA LOCAL GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
Blue Collar Worker Supvr., Nec.	4.87	340
Metalworking Craft Wrkrs. Exc. M.	0.48	34
Forge and Hammer Operators	0.05	3
Machinists and Apprentices	0.36	25
Rollers and Finishers, Metal	0.04	3
Tool and Diemakers and Appr.	0.03	2
Mechanics, Repairers, Installer	4.88	341
Air Cond., Heating, Refrig., Me.	0.05	3
Auto Body Repairers	0.10	7
Auto Mechanics and Appr.	1.38	96
Heavy Equip., Mech., Inc. Diesel	3.14	220
Household Appliance Mechanic	0.18	13
Radio, Television Repairers	0.03	2
Printing Trade Crafts Workers	0.04	3
Pressman, Plate Printers., Appe.	0.04	3
Transportation, Pub. Util. Craft	0.77	54
Elec. Pwr. Line Installer, Repr.	0.66	46
Telephone Installers, Repairers	0.11	8
Other Crafts, Kindred Worker	4.14	289
Crane, Derrick, and Hoist Op.	1.03	72
Inspectors, Other	2.85	199
Sign Painters and Letterers	0.10	7
Stationary Engineers	0.06	4
Crafts, Kindred Workers, Nec.	0.10	7
OPERATIVES	11.11	777
Operatives, Exc. Transport	3.12	218
Semiskilled Metal Working	0.82	57
Welders and Flame Cutters	0.82	57
Other Operatives, Exc., Transpo.	2.30	161
Assemblers	0.15	10

IOWA LOCAL GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
Blasters	0.03	2
Surveyor Helpers	0.28	20
Drillers, Earth	0.05	3
Garage Workers, Gas Station Att.	0.04	3
Oilers, Greasers, Exc. Auto	0.17	12
Photographic Process Workers	0.02	1
Riveters and Fasteners	0.06	4
Sailors and Deckhands	0.01	1
Sawyers	0.08	6
Misc. Mach. Operatives	0.16	11
Operatives, Nec.	1.25	87
Transport Equipment Operatives	7.99	559
Boat Operators	0.02	1
Delivery and Route Workers	0.08	6
Fork Lift, Tow Motor Operative	0.06	4
Taxicab Drivers, Chauffers	0.04	3
Truck Drivers	7.79	545
SERVICE WORKERS	1.72	120
Cleaning Service Workers	1.38	96
Building Interior Cleaners, Nec.	0.11	8
Janitors and Sextons	1.27	89
Protective and Service Worker	0.35	24
Crossing Guard, Bridgetender	0.07	5
Guards	0.21	15
Police and Detectives	0.07	5

IOWA LOCAL GOVERNMENT GENERAL CONTRACTORS EXCEPT BUILDING OCCUPATIONS

SIC 16

	Employ. Percent 1974	Employ. 1974
LABORERS, EXCEPT FARM	22.03	1540
Carpenters, Helpers	0.54	38
Const. Labr., Exc. Carpenter He.	20.61	1441
Freight, Material Handlers	0.28	20
Gardenrs, GoundKeeper, Exc. Far.	0.31	22
Timbercutting, Logging Worker	0.05	3
Vehicle Washers, Equip. Cleaner	0.20	14
Warehouse Laborers, Nec.	0.03	2
Other Laborers	0.00	0

IOWA LOCAL GOVERNMENT STREET RAILWAYS, BUSLINE OCCUPATIONS

SIC 411

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	477
MANAGERS, OFFICIALS, PROPRIETORS	2.79	13
Buyers, Sales, Loan Managers	0.23	1
Sales Manager, Exc. Ret. Trade	0.23	1
Other Managers, Officials, Prop.	2.56	12
Other Mgrs., Administrators	2.56	12
SALES WORKERS	0.29	1
Sales And Sales Workers, Nec.	0.29	1
CLERICAL WORKERS	5.82	28
Stenographers, Typists, Secre.	0.93	4
Secretaries	0.93	4
Other Clerical Workers	4.89	23
Bookkeepers	1.28	6
Cashiers	0.35	2
Counter Clerks, Exc. Food	0.23	1
Dispatcher, Starter, Vehicle	1.22	6
Ticket Station, Express Agen.	1.80	9
CRAFTS AND KINDRED WORKERS	5.53	26
Blue Collar Worker Supvr., Nec.	0.23	1
Mechanics, Repairers, Installer	5.30	25
Auto Mechanics And Appr.	5.01	24
Railroad, Car Shop Repairers	0.29	1
OPERATIVES	84.23	402
Operatives, Exc. Transport	0.87	4
Semiskilled Metalworking	0.58	3
Lathe, Milling Mach. Operativ.	0.29	1
Welders And Flame Cutters	0.29	1

IOWA LOCAL GOVERNMENT STREET RAILWAYS, BUSLINE OCCUPATIONS

SIC 411

	Employ. Percent 1974	Employ. 1974
Other Operatives, Exc. Transpo.	0.29	1
Painters, Mfg. Articles	0.29	1
Transport Equipment Operatives	83.35	398
Bus Drivers	77.24	368
Conductors And Opr., Urban Ra.	0.29	1
Delivery And Route Workers	0.52	2
Taxicab Drivers, Chauffers	4.66	22
Truck Drivers	0.64	3
SERVICE WORKERS	0.47	2
Food Service Workers	0.17	1
Waiters	0.17	1
Personal Service Workers	0.29	1
Atten., Personal Service, Nec.	0.17	1
Baggage Porters And Bellhops	0.12	1
LABORERS, EXCEPT FARM	0.87	4
Freight, Material Handlers	0.35	2
Vehcile Washers, Equip. Cleane.	0.52	2

IOWA LOCAL GOVERNMENT AIR TRANSPORTATION OCCUPATIONS

SIC 45

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	242
PROFESSIONAL, TECHNICAL, KINDRED	14.44	35
Engineers, Technical	0.71	2
Engineers, Civil	0.35	1
Engineers, Electrical	0.35	1
Technicians, Exc. Health	11.69	28
Airplane Pilots	11.69	28
Teachers	1.95	5
Teachers Nec., Exc. Coll., Unive.	1.95	5
Other Professional, Technical	0.09	0
Personnel Labor Relations	0.09	0
MANAGERS, OFFICIALS, PROPRIETORS	11.16	27
Buyers, Sales, Loan Managers	0.27	1
Bank, Financial Managers	0.27	1
Other Managers, Officials, Prop.	10.89	26
Office Managers, Nec.	0.35	1
Other Mgrs., Administrators	10.54	26
SALES WORKERS	0.71	2
Sales And Sales Workers, Nec.	0.71	2
CLERICAL WORKERS	38.35	93
Stenographers, Typists, Secre.	4.96	12
Secretaries, Other	2.92	7
Typists	2.04	5
Other Clerical Workers	33.39	81
Bookkeepers	1.68	4
Mail Handler, Exc. Post Office	0.35	1
Receptionists	0.71	2

IOWA LOCAL GOVERNMENT AIR TRANSPORTATION OCCUPATIONS

SIC 45

	Employ. Percent 1974	Employ. 1974
Shipping, Receiving Clerks	0.80	2
Statistical Clerks	0.35	1
Ticket Station, Express Agen.	28.79	70
Misc. Clerical Workers, Nec.	0.71	2
CRAFTS AND KINDRED WORKERS	13.29	32
Construction Crafts Workers	1.24	3
Electricians And Apprentices	0.62	2
Painters and Apprentices	0.62	2
Blue Collar Worker Supvr., Nec.	0.44	1
Mechanics, Repairers, Installer	11.60	28
Aircraft Mechanics	10.81	26
Auto Mechanics And Appr.	0.35	1
Other Mechanics And Appr.	0.44	1
OPERATIVES	10.89	26
Operatives, Exc. Transport	9.48	23
Semiskilled Metalworking	0.35	1
Lathe, Milling Mach. Operativ.	0.35	1
Other Operatives, Exc. Transpo.	9.12	22
Operatives, Nec.	9.12	22
Transport Equipment Operatives	1.42	3
Delivery And Route Workers	0.71	2
Truck Drivers	0.71	2
SERVICE WORKERS	5.93	14
Cleaning Service Workers	2.75	7
Janitors And Sextons	2.75	7
Food Service Workers	0.71	2
Cooks, Exc. Private	0.35	1
Waiters	0.35	1

IOWA LOCAL GOVERNMENT AIR TRANSPORTATION OCCUPATIONS

SIC 45

	Employ. Percent 1974	Employ. 1974
Personal Service Workers	2.13	5
Flight Attendants	1.86	5
Baggage Porters And Bellhops	0.27	1
Protective And Service Worker	0.35	1
Guards	0.35	1
LABORERS, EXCEPT FARM	5.23	13
Freight. Material Handlers	2.83	7
Garbage Collectors	0.71	2
Gardeners, Groundkeeper., Exc. Farm	1.42	3
Vehicle Washers, Equip. Cleaner	0.27	1

IOWA LOCAL GOVERNMENT ELECTRIC LIGHT AND POWER OCCUPATIONS

SIC 491

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	404
PROFESSIONAL, TECHNICAL, KINDRED	9.69	39
Engineers, Technical	3.49	14
Engineers, Electrical	2.85	12
Engineers, Industrial	0.20	1
Engineers, Mechanical	0.25	1
Engineers, Other	0.20	1
Life And Physical Scientists	0.20	1
Agricultural Scientists	0.10	0
Chemists	0.10	0
Engineers, Science Technician	1.95	8
Chemical Technicians	0.10	0
Drafters	0.50	2
Electrical, Electronic Tech.	0.75	3
Surveyors	0.05	0
Engineering, Science Tech., Nec.	0.55	2
Technicians, Exc. Health	0.45	2
Airplane Pilots	0.15	1
Radio Operators	0.15	1
Other Technicians Exc. Health	0.15	1
Computer Specialists	0.35	1
Computer Programmers	0.15	1
Computer Systems Analysts	0.15	1
Other Computer Specialists	0.05	0
Social Scientists	0.30	1
Economists	0.30	1
Writers, Artists, Entertainers	0.65	3
Designers	0.05	0
Public Relations Specialist	0.60	2

IOWA LOCAL GOVERNMENT ELECTRIC LIGHT AND POWER OCCUPATIONS

SIC 491

	Employ. Percent 1974	Employ. 1974
Other Professional, Technical	2.30	9
Accountants	1.90	8
Lawyers	0.25	1
Personnel Labor Relations	0.15	1
MANAGERS, OFFICIALS, PROPRIETORS	8.29	33
Buyers, Sales, Loan Managers	0.55	2
Bank, Financial Managers	0.10	0
Credit Managers	0.10	0
Purchasing Agents, Buyers, N.	0.15	1
Sales Manager, Exc. Ret. Trade	0.20	1
Other Managers, Officials, Prop.	7.74	31
Mgrs., Superintendants, Bldg.	0.15	1
Office Managers, Nec.	0.90	4
Other Mgrs., Administrators	6.69	27
SALES WORKERS	1.15	5
Advertising Agents, Sales Wrk.	0.10	0
Sales And Sales Workers, Nec.	1.05	4
CLERICAL WORKERS	20.32	82
Stenographers, Typists, Secre.	4.39	18
Secretaries, Legal	0.10	0
Secretaries, Other	3.79	15
Stenographers	0.15	1
Typists	0.35	1
Office Machine Operators	1.10	4
Bookkeeping, Billing, Operator	0.10	0
Calculating Machine Operator	0.05	0
Computer, Peripheral Equip.	0.30	1

IOWA LOCAL GOVERNMENT ELECTRIC LIGHT AND POWER OCCUPATIONS

SIC 491

	Employ. Percent 1974	Employ. 1974
Duplicating Machine Operator	0.10	0
Keypunch Operators	0.45	2
Other Office Machine Operator	0.10	0
Other Clerical Workers	14.83	60
Billing Clerks	0.80	3
Bookkeepers	3.10	13
Cashiers	1.70	7
Collectors, Bill. And Account.	0.25	1
Counter Clerks, Exc. Food	0.10	0
Dispatcher, Starter, Vehicle	0.10	0
Estimators, Investigators, Nec.	1.40	6
Expeditors, Prod. Controllers	0.25	1
File Clerks	0.15	1
Mail Handler, Exc. Post Office	0.25	1
Meter Reader, Utilities	4.19	17
Real Estate Appraisers	0.05	0
Receptionists	0.25	1
Statistical Clerks	0.20	1
Stock Clerks, Storekeepers	0.45	2
Telephone Operators	0.25	1
Misc. Clerical Workers, Nec.	1.35	5
CRAFTS AND KINDRED WORKERS	49.28	199
Construction Crafts Workers	6.19	25
Carpenters And Apprentices	0.45	2
Electricians And Apprentices	4.89	20
Excavating, Grading, Mach. Op.	0.40	2
Plumbers, Pipefitters And Ap.	0.45	2
Blue Collar Worker Supvr., Nec.	4.29	17

IOWA LOCAL GOVERNMENT ELECTRIC LIGHT AND POWER OCCUPATIONS

SIC 491

	Employ. Percent 1974	Employ. 1974
Metalworking Craft Wrkrs. Exc. M	0.95	4
Boilermakers	0.60	2
Machinists And Apprentices	0.35	1
Mechanics, Repairers, Installer	6.24	25
Air Cond., Heating, Refrig. Me.	0.15	1
Auto Mechanics And Appr.	0.75	3
Heavy Equip. Mech., Incl. Deisel	1.40	6
Household Appliance Mechanic	2.45	10
Radio, Television Repairers	0.15	1
Other Mechanics And Appr.	1.35	5
Transportation, Pub. Util. Craft	24.46	99
Elec. Pwr. Line Installer, Repr.	20.62	83
Power Station Operators	3.59	15
Telephone Installers, Repairer	0.25	1
Other Crafts, Kindred Worker	7.14	29
Crane, Derrick, And Hoist Opr.	0.25	1
Inspectors, Other	0.20	1
Stationary Engineers	5.89	24
Crafts, Kindred Workers, Nec.	0.80	3
OPERATIVES	5.89	24
Operatives, Exc. Transport	3.54	14
Semiskilled Metalworking	0.85	3
Welders And Flame Cutters	0.85	3
Other Operatives, Exc. Transpo.	2.70	11
Garage Wrkrs., Gas Station Att.	0.10	0
Furnace Tendr., Stokr. Exc. Meta.	1.20	5
Operatives, Nec.	1.40	6

IOWA LOCAL GOVERNMENT ELECTRIC LIGHT AND POWER OCCUPATIONS

SIC 491

	Employ. Percent 1974	Employ. 1974
Transport Equipment Operatives	2.35	9
Bus Drivers	0.10	0
Delivery And Route Workers	0.20	1
Taxicab Drivers, Chauffeurs	0.10	0
Truck Drivers	1.95	8
SERVICE WORKERS	2.25	9
Cleaning Service Workers	2.10	8
Bldg. Interior Cleaners, Nec.	0.20	1
Janitors And Sextons	1.90	8
Food Service Workers	0.05	0
Cooks, Exc. Private	0.05	0
Protective And Service Worker	0.10	0
Crossing Guard, Bridgetender	0.10	0
LABORERS, EXCEPT FARM	3.15	13
Constr. Labr., Exc. Carpenter He.	1.25	5
Freight, Material Handler	0.20	1
Gardener, Groundkeepr., Exc. Farm	0.05	0
Stock Handlers	0.05	0
Vechicle Washers, Equip. Cleanr.	0.20	1
Warehouse Laborers, Nec.	0.10	0
Other Laborers	1.30	5

IOWA LOCAL GOVERNMENT WATER SUPPLY OCCUPATIONS

SIC 494

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	1401
PROFESSIONAL, TECHNICAL, KINDRED	3.09	43
Engineers, Technical	1.05	15
Engineers, Electrical	0.46	6
Engineers, Industrial	0.53	7
Engineers, Other	0.07	1
Life And Physical Scientists	0.13	2
Chemists	0.13	2
Engineers, Science Technician	1.38	19
Chemical Technicians	0.72	10
Drafters	0.39	5
Engineering, Science Tech, Nec.	0.26	4
Medical Workers, Exc. Tech.	0.07	1
Pharmacists	0.07	1
Writers, Artists, Entertainers	0.46	6
Public Relations Specialist	0.46	6
MANAGERS, OFFICIALS, PROPRIETORS	22.71	318
Other Managers, Officials, Prop.	22.71	318
Office Managers, Nec.	0.13	2
Other Mgrs., Administrators	22.58	316
SALES WORKERS	0.26	4
Sales And Sales Workers, Nec.	0.26	4
CLERICAL WORKERS	18.76	263
Stenographers, Typists, Secre.	2.17	30
Secretaries, Other	0.92	13
Stenographers	0.20	3
Typists	1.05	15

IOWA LOCAL GOVERNMENT WATER SUPPLY OCCUPATIONS

SIC 494

	Employ. Percent 1974	Employ. 1974
Office Machine Operators	0.99	14
Computer, Peripheral Equip.	0.86	12
Other Office Machine Operato.	0.13	2
Other Clerical Workers	15.60	219
Billing Clerks	1.12	16
Bookkeepers	2.96	41
Cashiers	1.25	18
Collectors, Bill. And. Account.	0.39	5
File Clerks	0.33	5
Mail Handler, Exc. Post Office	0.13	2
Meter Readers, Utilities	7.44	104
Receptionists	0.53	7
Stock Clerks, Storekeepers	0.39	5
Misc. Clerical Workers, Nec.	1.05	15
CRAFTS AND KINDRED WORKERS	40.29	564
Construction Crafts Workers	2.11	30
Carpenters And Apprentices	0.59	8
Electricians And Apprentices	0.53	7
Excavating, Grading, Mach. Op.	0.07	1
Painters And Apprentices	0.86	12
Plumbers, Pipefitters And Ap.	0.07	1
Blue Collar Worker Supvr., Nec.	4.41	62
Mechanics, Repairers, Installer	13.03	183
Auto Mechanics And Appr.	0.99	14
Heavy Equip. Mech., Incl. Deisel	3.88	54
Household Appliance Mechanic	4.81	67
Radio, Television repairers	1.38	19
Other Mechanics And Appr.	1.97	28
Other Crafts, Kindred Workers	20.74	291

IOWA LOCAL GOVERNMENT WATER SUPPLY OCCUPATIONS

SIC 494

	Employ. Percent 1974	Employ. 1974
Crane, Derrick, And Hoist Opr.	0.99	14
Inspectors, Other	0.59	8
Stationary Engineers	19.16	268
OPERATIVES	4.02	56
Operatives, Exc. Transport	3.62	51
Other Operatives, Exc. Transpo.	3.62	51
Garage Wrkrs., Gas Station Att.	0.07	1
Furnace Tendr., Stokr. Exc. Meta.	0.33	5
Operatives, Nec.	3.23	45
Transport Equipment Operatives	0.39	5
Truck Drivers	0.39	5
SERVICE WORKERS	5.07	71
Cleaning Service Workers	4.48	63
Bldg. Interior Cleaners, Nec.	0.46	6
Janitors And Sextons	4.02	56
Protective And Service Worker	0.59	8
Police And Detectives	0.59	8
LABORERS, EXCEPT FARM	5.79	81
Constr. Labr., Exc. Carpenter He.	2.76	39
Gardeners, Groundkeepr., Exc. Far.	0.72	10
Other Laborers	2.30	32

IOWA LOCAL GOVERNMENT SANITARY SERVICES OCCUPATIONS

SIC 495

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	1793
PROFESSIONAL, TECHNICAL, KINDRED	1.29	23
Engineers, Technical	0.61	11
Engineers, Civil	0.38	7
Engineers, Industrial	0.23	4
Engineers, Science Technician	0.68	12
Chemical Technicians	0.42	8
Drafters	0.27	5
MANAGERS, OFFICIALS, PROPRIETORS	9.13	164
Other Managers, Officials, Prop.	9.13	164
Other Mgrs., Administrators	9.13	164
CLERICAL WORKERS	1.52	27
Stenographers, Typists, Secre.	0.87	16
Secretaries, Other	0.87	16
Other Clerical Workers	0.64	11
Bookkeepers	0.08	1
Meter Readers, Utilities	0.30	5
Telephone Operators	0.27	5
CRAFTS AND KINDRED WORKERS	14.28	256
Construction Crafts Workers	1.93	35
Carpenters And Apprentices	0.23	4
Bulldozer Operators	1.06	19
Electricians And Apprentices	0.38	7
Excavating, Grading, Mach. Op.	0.27	5
Blue Collar Worker Supvr., Nec.	4.32	77

IOWA LOCAL GOVERNMENT SANITARY SERVICES OCCUPATIONS

SIC 495

	Employ. Percent 1974	Employ. 1974
Mechanics, Repairers, Installer	2.16	39
Auto Mechanics And Appr.	0.38	7
Heavy Equip. Mech., Incl. Deisel	1.59	29
Household Appliance Mechanic	0.19	3
Other Crafts, Kindred Worker	5.87	105
Inspectors, Other	0.61	11
Stationary Engineers	5.27	94
OPERATIVES	10.98	197
Operatives, Exc. Transport	2.27	41
Semiskilled Metalworking	0.27	5
Welders And Flame Cutters	0.27	5
Other Operatives, Exc. Transpo.	2.01	36
Furnace Tendr., Stokr. Exc Meta.	0.30	5
Misc. Mach. Operatives	1.10	20
Operatives, Nec.	0.61	11
Transport Equipment Operatives	8.71	156
Truck Drivers	8.71	156
SERVICE WORKERS	2.27	41
Cleaning Service Workers	1.93	35
Janitors And Sextons	1.93	35
Protective And Service Worker	0.34	6
Guards	0.34	6
LABORERS, EXCEPT FARM	60.53	1085
Constr. Labr., Exc. Carpenter He.	0.23	4
Freight, Material Handler	0.61	11
Garbage Collectors	38.03	682
Gardeners, Groundkeepr, Exc. Far.	1.10	20
Other Laborers	20.57	369

IOWA LOCAL GOVERNMENT REAL ESTATE OCCUPATIONS

SIC 65

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	349
PROFESSIONAL, TECHNICAL, KINDRED	1.45	5
Engineers, Science Technicians	0.20	1
Drafters	0.20	1
Medical Workers, Exc. Tech.	0.17	1
Registered Nurses	0.17	1
Technicians, Exc. Health	0.06	0
Flight Engineers	0.06	0
Social Scientists	0.12	0
Economists	0.12	0
Other Professional, Technical	0.90	3
Accountants	0.38	1
Religious, Exc. Clergy	0.06	0
Lawyers	0.17	1
Research Workers, Nec.	0.18	1
Recreation Workers	0.11	0
MANAGERS, OFFICIALS, PROPRIETORS	14.86	52
Buyers, Sales, Loan Managers	0.59	2
Bank, Financial Managers	0.28	1
Purchasing Agents, Buyers, Nec.	0.19	1
Sales Manager, Exc. Ret. Trade	0.12	0
Other Managers, Officials, Prop.	14.28	50
Mgrs., Superintendants, Bldg.	6.93	24
Office Managers, Nec.	0.76	3
Other Mgrs., Administrators	6.59	23
SALES WORKERS	42.48	148
Insurance Agents, Brokers, Etc.	1.40	5
Real Estate Agents, Brokers	41.00	143
Stock And Bond Sales Agents	0.07	0

IOWA LOCAL GOVERNMENT REAL ESTATE OCCUPATIONS

SIC 65

	Employ. Percent 1974	Employ. 1974
CLERICAL WORKERS	17.91	63
Stenographers, Typists, Secre.	8.24	29
Secretaries, Legal	0.19	1
Secretaries, Other	6.68	23
Stenographers	0.16	1
Typists	1.21	4
Office Machine Operators	0.06	0
Other Office Machine Operator	0.06	0
Other Clerical Workers	9.61	34
Bookkeepers	1.56	5
Cashiers	0.07	0
Clerical Supervisors, Nec.	0.26	1
Estimators, Investigators, Nec.	3.00	10
File Clerks	0.04	0
Mail Handler, Exc. Post Office	0.12	0
Real Estate Appraisers	2.83	10
Receptionists	0.52	2
Statistical Clerks	0.07	0
Misc. Clerical Workers, Nec.	1.14	4
CRAFTS AND KINDRED WORKERS	2.69	9
Construction Crafts Workers	2.09	7
Carpenters And Apprentices	0.86	3
Brick And Stonemasons And Ap.	0.04	0
Electricians And Apprentices	0.19	1
Excavating, Grading, Mach. Op.	0.13	0
Painters And Apprentices	0.76	3
Plumber, Pipefitters And Ap.	0.11	0
Blue Collar Worker Supvr., Nec.	0.25	1
Mechanics, Repairer, Installer	0.07	0
Heavy Equip. Mech., Incl. Deisel	0.07	0

IOWA LOCAL GOVERNMENT REAL ESTATE OCCUPATIONS

SIC 65

	Employ. Percent 1974	Employ. 1974
Other Crafts, Kindred Worker	0.28	1
Stationary Engineers	0.28	1
OPERATIVES	0.60	2
Operatives, Exc. Transport	0.35	1
Other Operatives, Exc. Transpo.	0.35	1
Dry Wall Installers, Lathes	0.10	0
Laundry, Dry Cleaning Oprs., Nec.	0.08	0
Furnace Tendr., Stokr. Exc. Meta.	0.11	0
Operatives, Nec.	0.06	0
Transport Equipment Operatives	0.25	1
Bus Drivers	0.08	0
Delivery And Route Workers	0.06	0
Truck Drivers	0.11	0
SERVICE WORKERS	9.29	32
Cleaning Service Workers	7.21	25
Lodging Quartrs. Cleaners Exc.	0.17	1
Bldg. Interior Cleaners, Nec.	2.51	9
Janitors And Sextons	4.53	16
Food Service Workers	0.70	2
Cooks, Exc. Private	0.40	1
Dishwashers	0.04	0
Waiters	0.10	0
Food Workers, Nec., Exc. Priva.	0.17	1
Personal Service Workers	1.07	4
Atten., Personal Service, Nec.	0.14	0
Elevator Operators	0.66	2
Housekeepers, Exc. Private	0.26	1

IOWA LOCAL GOVERNMENT REAL ESTATE OCCUPATIONS

SIC 65

	Employ. Percent 1974	Employ. 1974
Protective And Service Workers	0.31	1
Guards	0.31	1
LABORERS, EXCEPT FARM	10.72	37
Freight, Material Handlers	0.08	0
Garbage Collectors	0.08	0
Gardeners, Groundkeepr., Exc. Farm	8.48	30
Other Laborers	2.08	7

IOWA LOCAL GOVERNMENT MISC. ENTERTAINMENT OCCUPATIONS

SIC 794

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	394
PROFESSIONAL, TECHNICAL, KINDRED	23.96	94
Engineers, Science Technician	0.51	2
Electrical, Electronic Tech.	0.51	2
Teachers	8.88	35
Teachers Nec., Exc. Coll., Univ.	8.88	35
Writers, Artists, Entertainers	9.04	36
Atheletes And Kindred Workers	6.36	25
Musicians And Composers	0.67	3
Public Relations Specialist	0.41	2
Writers, Artists, Entertain. Nec.	1.60	6
Other Professional, Technical	4.83	19
Accountants	0.69	3
Personnel Labor Relations	0.16	1
Recreation Workers	3.90	15
Social Workers	0.08	0
MANAGERS, OFFICIALS, PROPRIET.	18.48	73
Buyers, Sales, Loan Managers	0.41	2
Sales Manager, Exc. Ret. Trade	0.41	2
Other Managers, Officials, Prop.	18.06	71
Office Managers, Nec.	0.22	1
Restaurant, Cafe, Bar Mgrs.	0.75	3
Other Mgrs., Administrators	17.10	67
SALES WORKERS	0.65	3
Sales And Sales Workers, Nec.	0.65	3

IOWA LOCAL GOVERNMENT MISC. ENTERTAINMENT OCCUPATIONS

SIC 794

	Employ. Percent 1974	Employ. 1974
CLERICAL WORKERS	8.17	32
Stenographers, Typists, Secre.	2.44	10
Secretaries, Other	1.87	7
Typists	0.57	2
Office Machine Operators	0.16	1
Calculating Machine Operator	0.16	1
Other Clerical Workers	5.57	22
Bookkeepers	2.52	10
Cashiers	0.77	3
Counter Clerks, Exc. Food	0.41	2
Estimators, Investigators, Nec.	0.26	1
Receptionists	1.08	4
Misc. Clerical Workers, Nec.	0.53	2
CRAFTS AND KINDRED WORKERS	2.56	10
Construction Crafts Workers	0.41	2
Carpenters And Apprentices	0.33	1
Painters And Apprentices	0.08	0
Blue Collar Worker Supvr., Nec.	0.49	2
Mechanics, Repairers, Installer	0.67	3
Auto Mechanics And Appr.	0.33	1
Heavy Equip. Mech., Incl. Deisel	0.16	1
Other Mechanics And Appr.	0.18	1
Printing Trade Crafts Workers	0.32	1
Bookbinders	0.32	1
Other Crafts, Kindred Workers	0.67	3
Bakers	0.22	1
Motion Picture Projectionist	0.12	0
Stationary Engineers	0.33	1

IOWA LOCAL GOVERNMENT MISC. ENTERTAINMENT OCCUPATIONS

SIC 794

	Employ. Percent 1974	Employ. 1974
OPERATIVES	0.91	4
Operatives, Exc. Transport	0.43	2
Other Operatives, Exc. Transport	0.43	2
Meat Cutters, Butcher, Exc. MF.	0.12	0
Operatives, Nec.	0.32	1
Transport Equipment Operatives	0.47	2
Parking Attendants	0.32	1
Truck Drivers	0.16	1
 SERVICE WORKERS	 27.91	 110
Cleaning Service Workers	5.02	20
Lodging Quartrs. Cleaners Exc.	0.10	0
Bldg. Interior Cleaners, Nec.	1.42	6
Janitors And Sextons	3.51	14
Food Service Workers	17.23	68
Bartenders	2.19	9
Waiters' Assistants	1.71	7
Cooks, Exc. Private	3.58	14
Dishwashers	0.57	2
Waiters	7.15	28
Food Workers, Nec., Exc. Priva.	2.03	8
Health Service Workers	0.04	0
Dental Assistants	0.04	0
Personal Service Workers	5.42	21
Atten., Recreation, Amusement	3.07	12
Atten., Personal Service, Nec.	0.71	3
Child Care Workers, Exc. Priva.	0.32	1
Housekeepers, Exc. Private	0.63	2
Ushers, Recreation, Amusemen.	0.69	3

IOWA LOCAL GOVERNMENT MISC. ENTERTAINMENT OCCUPATIONS

SIC 794

	Employ. Percent 1974	Employ. 1974
Protective And Service Worker	0.20	1
Guards	0.20	1
LABORERS, EXCEPT FARM	18.06	71
Animal Caretakers, Exc. Farm	1.22	5
Constr. Labr., Exc. Carpenter He.	0.20	1
Gardenrs., Groundkeepr., Exc. Farm	16.64	66

IOWA LOCAL GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	6112
PROFESSIONAL, TECHNICAL, KINDRED	30.13	1842
Engineers, Technical	0.12	7
Engineers, Civil	0.02	1
Engineers, Electrical	0.02	1
Engineers, Industrial	0.03	2
Engineers, Mechanical	0.02	1
Engineers, Other	0.03	2
Life and Physical Scientists	0.22	13
Biological Scientists	0.16	10
Chemists	0.04	2
Physicists and Astronomers	0.02	1
Engineers, Science Technicians	0.11	7
Chemical Technicians	0.03	2
Drafters	0.02	1
Electrical, Electronic Tech.	0.04	2
Engineering, Science Tech. Nec.	0.02	1
Medical Workers, Exc. Tech.	19.98	1221
Dentists	0.09	6
Dieticians	0.78	48
Pharmacists	0.45	28
Physicians, M.D., Osteopaths	1.85	113
Registered Nurses	15.22	930
Therapists	1.59	97
Health Technol and Tech	7.19	439
Clinical Lab. Technol., Tech.	3.24	198
Health Record Technol., Tech.	0.45	28
Radiologic Technol., Tech.	1.84	112
Therapy Assistants	0.26	16
Other Health Technol., Tech.	1.40	86

IOWA LOCAL GOVERNMENT HOSPITALS OCCUPATIONS
SIC 806

	Employ. Percent 1974	Employ. 1974
Technicians, Exc. Health	0.01	1
Other Technicians Exc. Health	0.01	1
Computer Specialists	0.05	3
Computer Programmers	0.03	2
Other Computer Specialists	0.02	1
Social Scientists	0.25	15
Psychologists	0.25	15
Teachers	0.54	33
Adult Education Teachers	0.02	1
Teachers Nec., Exc. Coll., Univ.	0.52	32
Writers, Artists, Entertainers	0.19	12
Actors	0.01	1
Designers	0.01	1
Painters and Sculptors	0.02	1
Photographers	0.02	1
Public Relations Specialist	0.11	7
Writers, Artists, Entertainers, Nec.	0.01	1
Other Professional, Technical	1.47	90
Accountants	0.29	18
Clergy	0.06	4
Religious, Exc. Clergy	0.01	1
Librarians	0.02	1
Personnel Labor Relations	0.16	10
Research Workers, Nec.	0.23	14
Recreation Workers	0.12	7
Social Workers	0.53	32
Vocational, Ed. Counselors	0.04	2
MANAGERS, OFFICIALS, PROPRIETORS	3.79	232
Buyers, Sales, Loan Managers	0.44	27
Bank, Financial Managers	0.07	4

IOWA LOCAL GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
Credit Managers	0.06	4
Purchasing Agents, Buyers, Nec.	0.30	18
Administrators, Pub. Inspector	3.08	188
Health Administrators	3.08	188
Other Managers, Officials, Prop.	0.27	17
Managers, Superintendants, Bldg.	0.07	4
Office Managers, Nec.	0.15	9
Restaurant, Cafe, Bar Mgrs.	0.04	2
Other Mgrs., Administrators	0.00	0
SALES WORKERS	0.08	5
Sales and Sales Workers, Nec.	0.08	5
CLERICAL WORKERS	15.13	925
Stenographers, Typists, Secre.	4.99	305
Secretaries, Medical	0.64	39
Secretaries, Other	3.48	213
Stenographers	0.11	7
Typists	0.75	46
Office Machine Operators	0.36	22
Bookkeepers, Billing Operator	0.02	1
Computer, Peripheral Equip.	0.16	10
Duplicating Machine Operator	0.01	1
Keypunch Operators	0.13	8
Other Office Machine Operator	0.04	2
Other Clerical Workers	9.78	598
Billing Clerks	0.16	10
Bookkeepers	0.81	50
Cashiers	0.38	23
Clerical Supervisors, Nec.	0.27	17
Counter Clerks, Exc. Food	0.24	15

IOWA LOCAL GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
Estimators, Investigators, Nec.	0.19	12
File Clerks	0.12	7
Library Attendant, Assistant	0.02	1
Mail Handler, Exc. Post Office	0.14	9
Messengers and Office Helper	0.14	9
Payroll, Time Keeping Clerks	0.09	6
Receptionists	1.86	114
Shipping, Receiving Clerks	0.01	1
Statistical Clerks	0.36	22
Stock Clerks, Store Keepers	0.60	37
Telephone Operators	0.68	42
Misc. Clerical Workers, Nec.	3.72	227
CRAFTS AND KINDRED WORKERS	2.44	149
Construction Crafts Workers	0.99	61
Carpenters and Apprentices	0.28	17
Brick and Stonemasons and Ap.	0.01	1
Electricians and Apprentices	0.18	11
Floor Layers, Exc. Tile Setter	0.01	1
Painters and Apprentices	0.30	18
Plasterers and Apprentices	0.03	2
Plumbers, Pipefitters and Ap.	0.14	9
Structural Metal Craft Worker	0.02	1
Blue Collar Worker Supvr., Nec.	0.16	10
Metalworking Craft Wrkrs. Exc. M.	0.08	5
Boilermakers	0.05	3
Machinists and Apprentices	0.01	1
Sheetmetal Workers and Appr.	0.02	1
Mechanics, Repairers, Installer	0.29	18
Air Cond., Heating, Refrig., Me.	0.17	10
Auto Mechanics and Appr.	0.04	2

IOWA LOCAL GOVERNMENT HOSPITALS OCCUPATIONS
SIC 806

	Employ. Percent 1974	Employ. 1974
Heavy Equip. Mech., Incl. Diesel	0.05	3
Radio, Television Repairers	0.03	2
Other Crafts, Kindred Worker	0.92	56
Bakers	0.24	15
Dental Laboratory Tech.	0.01	1
Motion Picture Projectionist	0.01	1
Stationary Engineers	0.61	37
Upholsterers	0.03	2
Crafts, Kindred Workers, Nec.	0.02	1
OPERATIVES	2.97	182
Operatives, Exc. Transport	2.67	163
Semiskilled Metalworking	0.02	1
Welders and Flame Cutters	0.02	1
Semiskilled Packing, Inspecting	0.01	1
Packer, Wrapper, Ex. Meat, Produ.	0.01	1
Other Operatives, Exc. Transpo.	2.64	161
Clothing Ironers and Presser	0.25	15
Dressmakers, Exc. Factory	0.07	4
Dry Wall Installers, Lathes	0.01	1
Laundry, Dry Cleaning Oprs., Nec.	1.75	107
Meat Cutters, Butchers, Exc. Mf.	0.05	3
Photographic Process Workers	0.03	2
Sewers and Stitchers	0.25	15
Furnace Tender, Stoker Exc. Meta.	0.10	6
Misc. Mach. Operatives	0.07	4
Operatives, Nec.	0.07	4
Transport Equipment Operatives	0.30	18
Delivery and Route Workers	0.08	5
Taxicab Drivers, Chauffers	0.15	9
Truck Drivers	0.07	4

IOWA LOCAL GOVERNMENT HOSPITALS OCCUPATIONS
SIC 806

	Employ. Percent 1974	Employ. 1974
SERVICE WORKERS	44.83	2740
Cleaning Service Workers	7.00	428
Lodging Quarters Cleaners Exc.	0.83	51
Bldg. Interior Cleaners, Nec.	3.81	233
Janitors and Sextons	2.36	144
Food Service Workers	5.38	329
Bartenders	0.01	1
Waiters' Assistants	0.10	6
Cooks, Exc. Private	1.56	95
Dishwashers	0.51	31
Food Counter, Fountain Workers	0.22	13
Waiters	0.18	11
Food Workers, Nec., Exc. Priva.	2.78	170
Health Service Workers	29.98	1832
Dental Assistants	0.03	2
Health Aides, Except Nursing	2.88	176
Health Trainees	0.56	34
Nurses Aides, Orderlies	19.89	1216
Practical Nurses	6.62	405
Personal Service Workers	1.94	119
Atten., Recreation, Amusement	0.03	2
Barbers	0.01	1
Child Care Workers, Exc. Priva.	1.32	81
Elevator Operators	0.01	1
Hairdresser, Cosmetologists	0.03	2
Housekeepers, Exc. Private	0.55	34
Protective and Service Worker	0.52	32
Guards	0.52	32

IOWA LOCAL GOVERNMENT HOSPITALS OCCUPATIONS

SIC 806

	Employ. Percent 1974	Employ. 1974
LABORERS, EXCEPT FARM	0.63	39
Animal Caretakers, Exc. Farm	0.03	2
Constr. Labr., Exc. Carpenter He.	0.03	2
Gardenrs., Groundkeeper, Exc. Farm	0.20	12
Stock Handlers	0.31	19
Vehicle Washers, Equip. Cleaner	0.02	1
Warehouse Laborers, Nec.	0.04	2

IOWA LOCAL GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	385
PROFESSIONAL, TECHNICAL, KINDRED	8.75	34
Engineers, Technical	0.09	0
Engineers, Electrical	0.03	0
Engineers, Mechanical	0.05	0
Medical Workers, Exc. Tech.	7.40	28
Dietitians	0.44	2
Pharmacists	0.01	0
Physicians, M.D., Osteopaths	0.02	0
Registered Nurses	6.26	24
Therapists	0.67	3
Health Technol. and Tech.	0.06	0
Clinical Lab. Technol., Tech.	0.01	0
Other Health Technol., Tech.	0.05	0
Social Scientists	0.09	0
Psychologists	0.09	0
Teachers	0.14	1
Teachers Nec., Exc. Coll., Unive.	0.14	1
Writers, Artists, Entertainers	0.09	0
Designers	0.04	0
Writers, Artists, Entertain. Nec.	0.05	0
Other Professional, Technical	0.88	3
Accountants	0.05	0
Religious, Exc. Clergy	0.04	0
Lawyers	0.06	0
Librarians	0.02	0
Personnel Labor Relations	0.07	0
Recreation Workers	0.52	2
Social Workers	0.12	0

IOWA LOCAL GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
MANAGERS, OFFICIALS, PROPRIETORS	7.50	29
Buyers, Sales, Loan Managers	0.03	0
Credit Managers	0.03	0
Administrators, Pub. Inspector	7.05	27
Health Administrators	7.05	27
Other Managers, Officials, Prop.	0.41	2
Mgrs., Superintendants, Bldg.	0.16	1
Office Managers, Nec.	0.19	1
Restaurant, Cafe, Bar Mgrs.	0.07	0
SALES WORKERS	0.03	0
Sales and Sales Workers, Nec.	0.03	0
CLERICAL WORKERS	2.49	10
Stenographers, Typists, Secre.	1.14	4
Secretaries, Medical	0.05	0
Secretaries, Other	1.05	4
Stenographers	0.02	0
Typists	0.01	0
Office Machine Operators	0.01	0
Duplicating Machine Operator	0.01	0
Other Clerical Workers	1.34	5
Billing Clerks	0.01	0
Bookkeepers	0.60	2
Clerical Supervisors, Nec.	0.09	0
Dispatcher, Starter, Vehicle	0.01	0
Receptionists	0.16	1
Stock Clerks, Storekeepers	0.05	0
Telephone Operators	0.18	1
Misc. Clerical Workers, Nec.	0.16	1

IOWA LOCAL GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
CRAFTS AND KINDRED WORKERS	0.60	2
Construction Crafts Workers	0.24	1
Carpenters and Apprentices	0.08	0
Electricians and Apprentices	0.05	0
Painters and Apprentices	0.10	0
Plumbers, Pipefitters and Ap.	0.01	0
Blue Collar Worker Supvr., Nec.	0.11	0
Mechanics, Repairers, Installer	0.20	1
Auto Mechanics and Appr.	0.03	0
Heavy Equip. Mech., Incl. Diesel	0.17	1
Other Crafts, Kindred Worker	0.05	0
Bakers	0.05	0
OPERATIVES	4.07	16
Operatives, Exc. Transport	3.96	15
Other Operatives, Exc. Transpo.	3.96	15
Clothing Ironers and Pressers	0.09	0
Garage Wrkrs., Gas Station Attn.	0.01	0
Laundry, Dry Cleaning Oprs., Nec.	3.69	14
Meat Cutters, Butchers, Exc. Mf.	0.06	0
Furnace Tendr, Stokr. Exc. Meta.	0.05	0
Misc. Mach. Operatives	0.07	0
Transport Equipment Operatives	0.12	0
Delivery and Route Workers	0.01	0
Taxicab Drivers, Chauffeurs	0.09	0
Truck Drivers	0.01	0
SERVICE WORKERS	76.23	293
Cleaning Service Workers	8.84	34
Lodging Quartrs. Cleanrs. Exc.	0.94	4
Bldg. Interior Cleaners, Nec.	5.85	23
Janitors and Sextons	2.06	8

IOWA LOCAL GOVERNMENT CONVALESCENT INSTITUTIONS OCCUPATIONS

SIC 807

	Employ. Percent 1974	Employ. 1974
Food Service Workers	13.68	53
Waiters' Assistants	0.14	1
Cooks, Exc. Private	7.31	28
Dishwashers	0.88	3
Waiters	0.90	3
Food Workers, Nec., Exc. Priva.	4.44	17
Health Service Workers	51.09	197
Dental Assistants	0.03	0
Health Aides, Except Nursing	0.66	3
Nurses Aides, Orderlies	44.03	170
Practical Nurses	6.36	24
Personal Service Workers	2.62	10
Atten., Recreation, Amusement	0.05	0
Atten., Personal Service, Nec.	0.31	1
Barbers	0.03	0
Child Care Workers, Exc. Priva.	0.50	2
Hairdressers, Cosmetologists	0.77	3
Housekeepers, Exc. Private	0.95	4
Protective and Service Worker	0.01	0
Guards	0.01	0
LABORERS, EXCEPT FARM	0.33	1
Animal Caretakers, Exc. Farm	0.04	0
Gardeners, Groundkeeper, Exc. Farm	0.23	1
Stock Handlers	0.07	0

IOWA LOCAL GOVERNMENT ELEMENTARY, SECONDARY EDUCATION OCCUPATIONS

SIC 821

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	73826
PROFESSIONAL, TECHNICAL, KINDRED	63.26	46702
Engineers, Technical	0.02	15
Engineers, Electrical	0.02	15
Engineers, Mechanical	0.00	0
Engineers, Science Technician	0.01	7
Engineering, Science Tech. Nec.	0.01	7
Medical Workers, Exc. Tech	1.37	1011
Dieticians	0.01	7
Pharmacists	0.00	0
Registered Nurses	0.69	509
Therapists	0.67	495
Health Technol. and Tech.	0.01	7
Dental Hygienists	0.01	7
Radiologic Technol., Tech.	0.00	0
Technicians, Exc. Health	0.02	15
Other Technicians Exc. Health	0.02	15
Computer Specialists	0.03	22
Computer Programmers	0.03	22
Social Scientists	0.33	244
Psychologists	0.33	244
Teachers	57.46	42420
Adult Education Teachers	0.33	244
Elementary School Teachers	29.62	21867
Preschool, Kindergarten	3.62	2673
Secondary School Teachers	23.31	17209
Teachers Nec., Exc. Coll., Unive.	0.59	436
Writers, Artists, Entertainers	0.24	177
Athletes and Kindred Workers	0.08	59
Editors and Reporters	0.03	22

IOWA LOCAL GOVERNMENT ELEMENTARY, SECONDARY EDUCATION OCCUPATIONS

SIC 821

	Employ. Percent 1974	Employ. 1974
Musicians and Composers	0.09	66
Painters and Sculptors	0.04	30
Other Professional, Technical	3.76	2776
Accountants	0.07	52
Clergy	0.01	7
Religious, Exc. Clergy	0.00	0
Lawyers	0.03	22
Librarians	2.04	1506
Personnel Labor Relations	0.09	66
Research Workers, Nec.	0.03	22
Social Workers	0.08	59
Vocational, Ed. Counselors	1.39	1026
MANAGERS, OFFICIALS, PROPRIETORS	5.43	4009
Buyers, Sales, Loan Managers	0.10	74
Bank, Financial Managers	0.01	7
Purchasing Agents, Buyers, Nec.	0.09	66
Administrators, Pub. Inspector	4.08	3012
School Admin., Elem., Secondary	4.08	3012
Other Managers, Officials, Prop.	1.25	923
Mgrs., Superintendants, Bldg.	0.08	59
Office Managers, Nec.	0.05	37
Restaurant, Cafe, Bar Mgrs.	0.37	273
Other Mgrs., Administrators	0.75	554
SALES WORKERS	0.02	15
Autioneers	0.00	0
Sales and Sales Workers, Nec.	0.02	15

IOWA LOCAL GOVERNMENT ELEMENTARY, SECONDARY EDUCATION OCCUPATIONS

SIC 821

	Employ. Percent 1974	Employ. 1974
CLERICAL WORKERS	10.58	7811
Stenographers, Typists, Secre.	5.51	4068
Secretaries, Other	4.98	3677
Stenographers	0.06	44
Typists	0.46	340
Office Machine Operators	0.15	111
Bookkeeping, Billing Operator	0.03	22
Calculating Machine Operator	0.00	0
Computer, Peripheral Equip.	0.03	22
Duplicating Machine Operator	0.02	15
Key punch Operators	0.03	22
Other Office Machine Operators	0.03	22
Other Clerical Workers	4.93	3640
Bookkeepers	0.45	332
Cashiers	0.28	207
Clerical Supervisors, Nec.	0.07	52
Collectors, Bill and Account	0.01	7
Enumerators and Interviewers	0.10	74
File Clerks	0.06	44
Library Attendants, Assistant	0.63	465
Mail Handler, Exc. Post Office	0.03	22
Messengers and Office Helper	0.01	7
Payroll, Time Keeping Clerks	0.08	59
Receptionists	0.07	52
Shipping, Receiving Clerks	0.01	7
Statistical Clerks	0.07	52
Stock Clerks, Store Keepers	0.08	59
Teachers Aides, Exc. Monitors	2.46	1816
Telephone Operators	0.04	30
Misc. Clerical Workers, Nec.	0.47	347

IOWA LOCAL GOVERNMENT ELEMENTARY, SECONDARY EDUCATION OCCUPATIONS

SIC 821

	Employ. Percent 1974	Employ. 1974
CRAFTS AND KINDRED WORKERS	1.35	997
Construction Crafts Workers	0.41	303
Carpenters and Apprentices	0.19	140
Electricians and Apprentices	0.04	30
Painters and Apprentices	0.14	103
Plumbers, Pipefitters and Ap.	0.03	22
Blue Collar Worker Supvr., Nec.	0.05	37
Metalworking Craft Wrkrs., Exc. M.	0.02	15
Machinists and Apprentices	0.02	15
Mechanics, Repairers, Installer	0.40	295
Auto Body Repairers	0.00	0
Auto Mechanics and Appr.	0.32	236
Heavy Equip. Mech., Incl. Diesel	0.05	37
Radio, Television Repairers	0.03	22
Printing Trade Crafts Workers	0.04	30
Compositors and Typesetters	0.02	15
Pressmen, Plate Printers, Appre.	0.02	15
Other Crafts, Kindred Workers	0.43	317
Bakers	0.20	148
Crane, Derrick, and Hoist Opr.	0.01	7
Motion Picture Projectionist	0.01	7
Stationary Engineer	0.20	148
Crafts, Kindred Workers, Nec.	0.01	7
OPERATIVES	2.25	1661
Operatives Exc. Transport	0.35	258
Other Operatives, Exc. Transport	0.35	258
Laundry, Dry Cleaning Oprs., N.	0.18	133
Meat Cutters, Butchers, Exc. Mf.	0.00	0
Photographic Process Workers	0.02	15

IOWA LOCAL GOVERNMENT ELEMENTARY, SECONDARY EDUCATION OCCUPATIONS

SIC 821

	Employ. Percent 1974	Employ. 1974
Furnace Tender, Stoker, Exc. Meta.	0.02	15
Misc. Mach. Operatives	0.09	66
Operatives, Nec.	0.04	30
Transport Equipment Operatives	1.89	1395
Bus Drivers	1.77	1307
Delivery and Route Workers	0.04	30
Taxicab Drivers, Chauffeurs	0.03	22
Truck Drivers	0.05	37
SERVICE WORKERS	16.59	12248
Cleaning Service Workers	6.64	4902
Lodging Quarters, Cleaners Exc.	0.08	59
Bldg. Interior Cleaners, Nec.	1.42	1048
Janitors and Sextons	5.13	3787
Food Service Workers	8.25	6091
Bartenders	0.00	0
Cooks, Exc. Private	4.89	3610
Dishwashers	0.38	281
Food Counter, Fountain Worker	0.91	672
Waiters	0.12	89
Food Workers, Nec., Exc. Priva.	1.97	1454
Health Service Workers	0.04	30
Health Aides, Except Nursing	0.04	30
Nurses Aides, Orderlies	0.00	0
Personal Service Workers	1.64	1211
Atten., Personal Service, Nec.	0.22	162
Child Care Workers, Exc. Priva.	0.86	635
Elevator Operators	0.03	22
Housekeepers, Exc. Private	0.22	162
School Monitors	0.32	236

IOWA LOCAL GOVERNMENT ELEMENTARY, SECONDARY EDUCATION OCCUPATIONS

SIC 821

	Employ. Percent 1974	Employ. 1974
Protective and Service Worker	0.02	15
Crossing Guard, Bridgetender	0.02	15
Guards	0.01	7
LABORERS, EXCEPT FARM	0.53	391
Contr. Labr., Exc. Carpenter He	0.04	30
Freight, Material Handlers	0.01	7
Gardenrs., Groundkeeper, Exc. F.	0.38	281
Stock Handlers	0.01	7
Warehouse Laborers, Nec.	0.01	7
Other Laborers	0.08	59

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	3,695
PROFESSIONAL, TECHNICAL, KINDRED	46.75	1,727
Engineers, Technical	0.48	18
Engineers, Chemical	0.10	4
Engineers, Civil	0.09	3
Engineers, Electrical	0.09	3
Engineers, Industrial	0.06	2
Engineers, Mechanical	0.02	1
Engineers, Other	0.13	5
Life and Physical Scientists	1.15	42
Agricultural Scientists	0.25	9
Atmosphere, Space Scientists	0.02	1
Biological Scientists	0.19	7
Chemists	0.56	21
Geologists	0.02	1
Physicists and Astronomers	0.10	4
Mathematical Specialists	0.08	3
Mathematicians	0.02	1
Statisticians	0.06	2
Engineers, Science Technician	1.66	61
Agri, Biolog Tech. Exc. Health	0.12	4
Chemical Technicians	0.32	12
Drafters	0.04	1
Electrical, Electronic Tech.	0.22	8
Surveyors	0.05	2
Engineering, Schience Tech., Nec.	0.91	34
Medical Workers, Exc. Tech.	0.90	33
Dentists	0.01	0
Dietitians	0.08	3
Pharmacists	0.04	1

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Physicians, M.D. Osteopaths	0.19	7
Registered Nurses	0.27	10
Therapists	0.20	7
Veterinarians	0.10	4
Health Technol. and Tech.	1.18	44
Clinical Lab. Technol., Tech.	0.22	8
Health Record Technol., Tech.	0.03	1
Radiologic Technol., Tech.	0.05	2
Therapy Assistants	0.04	1
Other Health Technol., Tech.	0.83	31
Technicians, Exc. Health	0.41	15
Airplane Pilots	0.02	1
Embalmers	0.01	0
Radio Operators	0.07	3
Tool Programmers, Numerical	0.00	0
Other Technicians Exc. Health	0.31	11
Computer Specialists	0.86	32
Computer Programmers	0.52	19
Computer Systems Analysts	0.22	8
Other Computer Specialists	0.12	4
Social Scientists	0.55	20
Economists	0.21	8
Psychologists	0.28	10
Sociologists	0.02	1
Other Social Scientists	0.04	1
Teachers	29.70	1,097
Adult Education Teachers	0.70	26
College and University Teachers	28.89	1,067
Preschool, Kindergarten	0.11	4
Writers, Artists, Entertainers	1.56	58
Actors	0.05	2

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Authors	0.02	1
Designers	0.04	1
Editors and Reporters	0.44	16
Musicians and Composers	0.10	4
Painters and Sculptors	0.16	6
Photographers	0.18	7
Public Relations Specialist	0.37	14
Radio, T.V. Announcers	0.08	3
Writers, Artists, Entertain. Nec.	0.12	4
Other Professional, Technical	8.22	304
Accountants	0.35	13
Architects	0.04	1
Clergy	0.04	1
Religious, Exc. Clergy	0.02	1
Farm Management Advisors	0.22	8
Home Management Advisors	0.14	5
Lawyers	0.05	2
Librarians	1.53	57
Personnel Labor Relations	0.16	6
Research Workers, Nec.	3.43	127
Recreation Workers	0.61	23
Social Workers	0.05	2
Vocational, Ed. Counselors	1.57	58
MANAGERS, OFFICIALS, PROPRIETORS	5.25	194
Buyers, Sales, Loan Managers	0.26	10
Bank, Financial Managers	0.09	3
Credit Managers	0.01	0
Purchasing Agents, Buyers, Nec.	0.14	5
Sales Managers, Exc. Ret. Trade	0.02	1

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Administrators, Pub. Inspector	2.74	101
School Admin., College	2.74	101
Other Managers, Officials, Prop.	2.25	83
Mgrs., Superintendants, Bldg.	0.11	4
Office Managers, Nec.	0.07	3
Restaurant, Cafe, Bar Mgrs.	0.06	2
Other Mgrs., Administrators	2.00	74
SALES WORKERS	0.14	5
Demonstrators	0.00	0
Sales and Sales Workers, Nec.	0.13	5
CLERICAL WORKERS	22.9	846
Stenographers, Typists, Secre.	10.4	384
Secretaries, Medical	0.08	3
Secretaries, Other	8.77	324
Stenographers	0.13	5
Typists	1.42	52
Office Machine Operators	1.21	45
Calculating Machine Operator	0.01	0
Computer, Peripheral Equip.	0.60	22
Duplicating Machine Operator	0.12	4
Keypunch Operators	0.44	16
Tabulating Machine Operators	0.00	0
Other Office Machine Operators	0.04	1
Other Clerical Workers	11.29	417
Billing Clerks	0.04	1
Bookkeepers	0.56	21
Cashiers	0.71	26
Clerical Supervisors, Nec.	0.32	12
Counter Clerks, Exc. Food	0.44	16

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Estimators, Investigators, Nec.	0.04	1
File Clerks	0.25	9
Library Attendants, Assistant	2.26	84
Mail Handler, Exc. Post Office	0.44	16
Messengers and Office Helper	0.17	6
Payroll, Time Keeping Clerks	0.08	3
Receptionists	1.76	65
Shipping, Receiving Clerks	0.06	2
Statistical Clerks	0.29	11
Stock Clerks, Store Keepers	0.50	18
Teachers Aides, Exc. Monitors	0.43	16
Telephone Operators	0.65	24
Misc. Clerical Workers, Nec.	2.29	85
CRAFTS AND KINDRED WORKERS	2.95	109
Construction Crafts Workers	1.26	47
Carpenters and Apprentices	0.18	7
Bulldozer Operators	0.02	1
Cement and Concrete Finisher	0.01	0
Electricians and Apprentices	0.25	9
Excavating, Grading, Mach. Op.	0.01	0
Floor Layers, Exc. Tile Setter	0.01	0
Painters and Apprentices	0.59	22
Plasterers and Apprentices	0.02	1
Plumbers, Pipefitters and Ap.	0.13	5
Structural Metal Craft Worker	0.02	1
Blue Collar Worker Supvr., Nec.	0.28	10
Metalworking Craft Wrkrs. Exc. M.	0.16	6
Machinists and Apprentices	0.09	3
Sheetmetal Workers and Appr.	0.07	3

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Mechanics, Repairers, Installer	0.68	25
Air Cond., Heating, Refrig. Me.	0.14	5
Auto Mechanics and Appr.	0.09	3
Heavy Equip. Mech. Inc. Diesel	0.19	7
Household Appliance Mechanic	0.02	1
Office Machine Repairers	0.02	1
Radio, Television Repairers	0.03	1
Other Mechanics and Appr.	0.19	7
Printing Trade Crafts Workers	0.20	7
Bookbinders	0.04	1
Compositors and Typesetters	0.10	4
Pressmen, Plate Printers, Appre.	0.06	2
Transportation, Pub. Util. Craft	0.02	1
Power Station Operators	0.01	0
Telephone Line Instalr., Splic.	0.01	0
Other Crafts, Kindred Worker	0.34	13
Bakers	0.05	2
Cabinet Makers	0.01	0
Crane, Derrick, and Hoist Opr.	0.03	1
Inspectors, Other	0.05	2
Sign Painters and Letterers	0.04	1
Stationary Engineers	0.12	4
Crafts, Kindred Workers, Nec.	0.03	1
OPERATIVES	1.85	68
Operatives, Exc. Transport	1.55	57
Semiskilled Metalworking	0.04	1
Welders and Flame Cutters	0.04	1
Other Operatives, Exc. Transports	1.51	56
Clothing Ironers and Presser	0.04	1
Dressmakers, Exc. Factory	0.02	1

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Garage Workers, Gas Station Att.	0.05	2
Laundry, Dry Cleaning Oprs., N.	0.11	4
Meat Cutters, Butchers, Exc. Mf.	0.05	2
Photographic Process Workers	0.15	6
Sewers and Stitchers	0.02	1
Furnace Tendr, Stoker. Exc. Meta.	0.02	1
Misc. Mach. Operatives	0.15	6
Operatives, Nec.	0.90	33
Transport Equipment Operatives	0.31	11
Bus Drivers	0.04	1
Delivery and Route Workers	0.08	3
Parking Attendants	0.02	1
Taxicab Drivers, Chauffeurs	0.06	2
Truck Drivers	0.10	4
SERVICE WORKERS	17.94	663
Cleaning Service Workers	6.57	243
Lodging Quartrs Cleaners Exc.	0.77	28
Bldg. Interior Cleaners, Nec.	2.09	77
Janitors and Sextons	3.71	137
Food Service Workers	8.04	297
Waiters' Assistants	0.46	17
Cooks, Exc. Private	0.92	34
Dishwashers	1.08	40
Food Counter, Fountain Worker	2.87	106
Waiters	0.81	30
Food Workers, Nec. Exc. Priva.	1.90	70
Health Service Workers	0.46	17
Dental Assistants	0.03	1
Health Aides, Except Nursing	0.12	4

IOWA LOCAL GOVERNMENT COLLEGES AND UNIVERSITIES OCCUPATIONS

SIC 822

	Employ. Percent 1974	Employ. 1974
Nurses Aides, Orderlies	0.18	7
Practical Nurses	0.13	5
Personal Service Workers	2.38	88
Atten., Recreation, Amusement	0.41	15
Atten., Personal Service, Nec.	0.13	5
Child Care Workers, Exc. Priva.	0.60	22
Housekeepers, Exc. Private	1.18	44
School Monitors	0.06	2
Protective and Service Worker	0.49	18
Guards	0.31	11
Police and Detectives	0.19	7
LABORERS, EXCEPT FARM	2.23	82
Animal Caretakers, Exc. Farm	0.48	18
Constr. Labr., Exc. Carpenter He.	0.05	2
Freight, Material Handlers	0.26	10
Gardenrs., Groundkeepr., Exc. Far.	1.28	47
Stock Handlers	0.04	1
Vehicle Washers, Equip. Cleane.	0.09	3
Other Laborers	0.03	1

IOWA LOCAL GOVERNMENT LIBRARIES OCCUPATIONS

SIC 823

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	937
PROFESSIONAL, TECHNICAL, KINDRED	44.89	421
Health Technol. And Tech.	0.00	0
Health Record Technol., Tech.	0.00	0
Technicians, Exc. Health	0.00	0
Other Technicians Exc. Health	0.00	0
Other Professional, Technical	44.89	421
Accountants	0.10	1
Lawyers	0.29	3
Librarians	44.50	417
MANAGERS, OFFICIALS, PROPRIETORS	0.49	5
Other Managers, Officials, Prop.	0.49	5
Office Managers, Nec.	0.00	0
Other Mgrs., Administrators	0.49	5
CLERICAL WORKERS	50.88	477
Stenographers, Typists, Secre.	1.96	18
Secretaries, Other	0.39	4
Typists	1.57	15
Other Clerical Workers	48.92	458
Billing Clerks	0.00	0
Bookkeepers	0.20	2
Clerical Supervisors, Nec.	0.20	2
Estimators, Investigators, Nec.	0.00	0
File Clerks	0.20	2
Library Attendants, Assistant	47.25	443
Receptionists	0.20	2
Telephone Operators	0.10	1
Misc. Clerical Workers, Nec.	0.79	7

IOWA LOCAL GOVERNMENT LIBRARIES OCCUPATIONS

SIC 823

	Employ. Percent 1974	Employ. 1974
OPERATIVES	0.59	6
Transport Equipment Operatives	0.59	6
Truck Drivers	0.59	6
SERVICE WORKERS	2.85	27
Cleaning Service Workers	2.85	27
Bldg. Interior Cleaners, Nec.	0.59	6
Janitors And Sextons	2.26	21
LABORERS, EXCEPT FARM	0.29	3
Gardenrs., Groundkeepr. Exc. Farm	0.29	3

IOWA LOCAL GOVERNMENT EDUCATIONAL SERVICES, NEC. OCCUPATIONS

SIC 824

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.00	298 ^v
PROFESSIONAL, TECHNICAL, KINDRED	81.79	244
Medical Workers, Exc. Tech.	1.02	3
Dietitians	0.08	0
Registered Nurses	0.11	0
Therapists	0.83	2
Technicians, Exc. Health	0.44	1
Airplane Pilots	0.44	1
Computer Specialists	0.16	0
Computer Programmers	0.16	0
Teachers	75.42	225
Adult Education Teachers	5.23	16
Teachers Nec., Exc. Coll., Unive.	70.19	209
Writers, Artists, Entertainers	0.88	3
Athletes and Kindred Workers	0.44	1
Designers	0.09	0
Editor and Reporters	0.16	0
Painters and Sculptors	0.03	0
Public Relations Specialist	0.16	0
Other Professional, Technical	3.88	12
Librarians	0.47	1
Personnel Labor Relations	0.31	1
Research Workers, Nec.	0.14	0
Recreation Workers	0.79	2
Social Workers	0.09	0
Vocational Ed. Counselors	2.07	6
MANAGERS, OFFICIALS, PROPRIETORS	4.45	13
Buyers, Sales, Loan Managers	0.20	1
Sales Manager, Exc. Ret. Trade	0.20	1

IOWA LOCAL GOVERNMENT EDUCATIONAL SERVICES, NEC. OCCUPATIONS

SIC 824

	Employ. Percent 1974	Employ. 1974
Other Managers, Officials, Prop.	4.24	13
Office Managers, NEC	0.35	1
Restaurant, Cafe, Bar Mgrs.	0.20	1
Other Mgrs., Administrators	3.69	11
SALES WORKERS	0.46	1
Sales and Sales Workers, NEC	0.46	1
CLERICAL WORKERS	8.48	25
Stenographers, Typists, Secre.	4.15	12
Secretaries, Other	3.64	11
Stenographers	0.19	1
Typists	0.31	1
Other Clerical Workers	4.34	13
Bookkeepers	0.24	1
Estimators, Investigators, Nec.	0.16	0
File Clerks	0.05	0
Mail Handler, Exc. Post Office	0.22	1
Receptionists	0.16	0
Statistical Clerks	0.60	2
Stock Clerks, Store Keepers	0.09	0
Teachers Aides, Exc. Monitors	0.41	1
Misc. Clerical Workers, Nec.	2.42	7
CRAFTS AND KINDRED WORKERS	0.16	0
Blue Collar Worker Supvr., Nec.	0.16	0
OPERATIVES	0.64	2
Operatives, Exc. Transport	0.58	2
Other Operatives, Exc. Transpo.	0.58	2
Laundry, Dry Cleaning Oprs., N.	0.46	1
Sewers and Stitchers	0.13	0

IOWA LOCAL GOVERNMENT EDUCATIONAL SERVICES, NEC. OCCUPATIONS

SIC 824

	Employ. Percent 1974	Employ. 1974
Transport Equipment Operatives	0.06	0
Bus Drivers	0.06	0
SERVICE WORKERS	4.02	12
Cleaning Service Workers	1.23	4
Lodging Quarters, Cleaners, Exc.	0.09	0
Bldg. Interior Cleaners, Nec.	0.33	1
Janitors and Sextons	0.80	2
Food Service Workers	1.43	4
Cooks, Exc. Private	0.80	2
Dishwashers	0.27	1
Food Counter, Fountain Worker	0.14	0
Waiters	0.05	0
Food Workers, Nec. Exc. Priva.	0.17	1
Health Service Workers	0.38	1
Nurses Aides, Orderlies	0.08	0
Practical Nurses	0.30	1
Personal Service Workers	0.85	3
Atten., Personal Service, Nec.	0.16	0
Welfare Service Aides	0.69	2
Protective and Service Worker	0.14	0
Guards	0.14	0

IOWA LOCAL GOVERNMENT WELFARE SERVICES OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	1,214
PROFESSIONAL, TECHNICAL, KINDRED	36.66	445
Mathematical Specialists	0.23	3
Statisticians	0.23	3
Medical Workers, Exc. Tech.	1.00	12
Pharmacists	0.11	1
Physicians, M.D. Osteopaths	0.04	0
Registered Nurses	0.20	2
Therapists	0.66	8
Health Technol. and Tech.	0.11	1
Clinical Lab. Technol., Tech.	0.11	1
Computer Specialists	0.13	2
Other Computer Specialists	0.13	2
Social Scientists	0.41	5
Psychologists	0.41	5
Teachers	0.75	9
Adult Education Teachers	0.16	2
Teachers Nec., Exc. Coll., Unive	0.59	7
Writers, Artists, Entertainers	0.65	8
Editors and Reporters	0.07	1
Musicians and Composers	0.11	1
Public Relations Specialist	0.47	6
Other Professional, Technical	33.38	405
Accountants	0.65	8
Clergy	0.65	8
Religious, Exc. Clergy	0.09	1
Lawyers	0.09	1
Librarians	0.47	6
Personnel Labor Relations	0.56	7
Research Workers, Nec.	0.34	4

IOWA LOCAL GOVERNMENT WELFARE SERVICE OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
Recreation Workers	0.65	8
Social Workers	29.89	363
MANAGERS, OFFICIALS PROPRIETORS	10.95	133
Buyers, Sales, Loan Managers	0.16	2
Purchasing Agents, Buyers, N.	0.16	2
Other Managers, Officials, Prop.	10.78	131
Office Managers, Nec.	0.14	2
Other Mgrs., Administrators	10.64	129
SALES WORKERS	0.52	6
Sales and Salesworkers, Nec.	0.52	6
CLERICAL WORKERS	26.57	323
Stenographers, Typists, Secre.	15.09	183
Secretaries, Legal	0.13	2
Secretaries, Other	11.00	134
Stenographers	1.00	12
Typists	2.96	36
Office Machine Operators	0.41	5
Key punch Operators	0.36	4
Tabulating Machine Operators	0.05	1
Other Clerical Workers	11.07	134
Bookkeepers	1.08	13
Cashiers	0.79	10
Clerical Assist. Soc. Welfare	1.92	23
Clerical Supervisors, Nec.	0.59	7
Estimators, Investigators, Nec.	0.14	2
File Clerks	0.32	4
Mail Handler, Exc. Post Office	0.32	4
Payroll, Time Keeping Clerks	0.09	1

IOWA LOCAL GOVERNMENT WELFARE SERVICE OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
Receptionists	1.90	23
Statistical Clerks	0.83	10
Telephone Operators	0.16	2
Misc. Clerical Workers, Nec.	2.92	35
CRAFTS AND KINDRED WORKERS	0.75	9
Construction Crafts Workers	0.14	2
Carpenters and Apprentices	0.14	2
Blue Collar Worker Supvr, Nec.	0.07	1
Mechanics, Repairers, Installer	0.22	3
Radio, Television Repairers	0.04	0
Other Mechanics and Appr.	0.18	2
Other Crafts, Kindred Worker	0.32	4
Furniture and Wood Finishers	0.09	1
Inspectors, Other	0.11	1
Motion Picture Projectionist	0.13	2
OPERATIVES	2.92	35
Operatives, Exc. Transport	1.90	23
Semiskilled Packing, Inspecting	0.25	3
Packer, Wrapper, Exc. Meat, Produ.	0.25	3
Other Operatives, Exc. Transpo.	1.65	20
Dressmakers, Exc. Factory	0.07	1
Meat Cutters, Butchers, Exc. Mf.	0.13	2
Sewers and Stitchers	0.09	1
Misc. Mach. Operatives	0.27	3
Operatives, Nec.	1.09	13
Transport Equipment Operatives	1.02	12
Delivery and Route Workers	0.13	2
Taxicab Drivers, Chauffers	0.20	2
Truck Drivers	0.70	8

IOWA LOCAL GOVERNMENT WELFARE SERVICE OCCUPATIONS

SIC 867

	Employ. Percent 1974	Employ. 1974
SERVICE WORKERS	20.64	251
Cleaning Service Workers	2.06	25
Lodging Quarters, Cleaners, Exc.	0.07	1
Bldg. Interior Cleaners, Nec.	0.81	10
Janitors and Sextons	1.18	14
Food Service Workers	0.66	8
Cooks, Exc. Private	0.29	4
Dishwashers	0.11	1
Waiters	0.05	1
Food Workers, Nec., Exc. Priva.	0.22	3
Health Service Workers	1.24	15
Health Aides, Except Nursing	0.20	2
Nurses Aides, Orderlies	0.84	10
Practical Nurses	0.20	2
Personal Service Workers	16.67	202
Atten., Recreation, Amusement	0.05	1
Child Care Workers, Exc. Priva.	2.33	28
Hairdressers, Cosmetologists	0.38	5
Housekeepers, Exc. Private	0.22	3
Welfare Service Aides	13.69	166
LABORERS, EXCEPT FARM	0.99	12
Freight, Material Handlers	0.99	12

IOWA LOCAL GOVERNMENT RESIDENTIAL WELFARE OCCUPATIONS
SIC 868

	Employ. Percent 1974	Employ. 1974
TOTAL, ALL OCCUPATIONS	100.0	249
PROFESSIONAL, TECHNICAL, KINDRED	11.33	28
Medical Workers, Exc. Tech.	1.54	4
Registered Nurses	0.54	1
Therapists	1.01	3
Teachers	1.48	4
Teachers Nec., Exc. Coll., Unive.	1.48	4
Writers, Artists, Entertainers	0.80	2
Athletes and Kindred Workers	0.80	2
Other Professional, Technical	7.51	19
Clergy	0.40	1
Research Workers, Nec.	0.74	2
Recreation Workers	2.15	5
Social Workers	3.49	9
Vocational, Ed. Counselors	0.74	2
MANAGERS, OFFICIALS, PROPRIETORS	3.29	8
Other Managers, Officials, Prop.	3.29	8
Other Mgrs., Administrators	3.29	8
CLERICAL WORKERS	4.69	12
Stenographers, Typists, Secre.	2.35	6
Secretaries, Other	1.27	3
Typists	1.07	3
Other Clerical Workers	2.35	6
Bookkeepers	0.27	1
Receptionists	0.74	2
Stock Clerks, Store Keepers	0.60	1
Telephone Operators	0.74	2

IOWA LOCAL GOVERNMENT RESIDENTIAL WELFARE OCCUPATIONS

SIC 868

	Employ. Percent 1974	Employ. 1974
CRAFTS AND KINDRED WORKERS	1.68	4
Construction Crafts Workers	0.87	2
Carpenters and Apprentices	0.87	2
Mechanics, Repairers, Installer	0.60	1
Heavy Equip. Mech., Incl. Diesel	0.60	1
Other Crafts, Kindred Worker	0.20	0
Bakers	0.20	0
OPERATIVES	4.36	11
Operatives, Exc. Transport	3.42	9
Other Operatives, Exc. Transpo.	3.42	9
Dressmakers, Exc. Factory	0.60	1
Laundry, Dry Cleaning Oprs., N.	2.35	6
Sewers and Stitchers	0.47	1
Transport Equipment Operatives	0.94	2
Delivery and Route Workers	0.27	1
Taxicab Drivers, Chauffeurs	0.47	1
Truck Drivers	0.20	0
SERVICE WORKERS	74.25	185
Cleaning Service Workers	4.49	11
Lodging Quarters, Cleaners, Exc.	0.94	2
Bldg. Interior Cleaners, Nec.	0.87	2
Janitors and Sextons	2.68	7
Food Service Workers	7.04	18
Cooks, Exc. Private	3.76	9
Dishwashers	0.40	1
Waiters	0.47	1
Food Workers, Nec. Exc. Priva.	2.41	6

IOWA LOCAL GOVERNMENT RESIDENTIAL WELFARE OCCUPATIONS

SIC 868

	Employ. Percent 1974	Employ. 1974
Health Service Workers	12.81	32
Nurses Aides, Orderlies	12.21	30
Practical Nurses	0.60	1
Personal Service Workers	49.50	123
Atten., Personal Service Nec.	2.75	7
Child Care Workers, Exc. Private	43.53	108
Hairdressers, Cosmetologists	1.88	5
Housekeepers, Exc. Private	1.34	3
Protective and Service Workers	0.40	1
Guards	0.40	1
LABORERS, EXCEPT FARM	0.40	1
Freight Material Handlers	0.40	1

IOWA LOCAL GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 93

	Employ. Percent 1974	Employ. 1974
TOTAL ALL OCCUPATIONS	100.0	15660
PROFESSIONAL, TECHNICAL, KINDRED	9.96	1560
Engineers, Technical	1.36	213
Engineers, Civil	1.10	172
Engineers, Industrial	0.08	13
Engineers, Other	0.18	28
Life And Physical Scientists	0.13	20
Agricultural Scientists	0.13	20
Engineers, Science Technician	2.30	360
Agri., Biolog. Tech. Exc. Health	0.04	6
Chemical Technicians	0.07	11
Drafters	0.84	132
Electrical, Electronic Tech.	0.02	3
Surveyors	0.84	132
Engineering, Science Tech. Nec.	0.49	77
Medical Workers, Exc. Tech.	0.04	6
Registered Nurses	0.04	6
Technicians, Exc. Health	1.87	293
Radio Operators	1.78	279
Other Technicians Exc., Health	0.08	13
Computer Specialists	0.12	19
Computer Programers	0.08	13
Computer Systems Analysts	0.04	6
Social Scientists	0.42	66
Urban And Regional Planners	0.42	66
Other Professional, Technical	3.71	581
Accountants	1.58	247
Archivists And Curators	0.03	5
Farm Management Advisors	0.03	5
Foresters, Conservationists	0.07	11

IOWA LOCAL GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 93

	Employ. Percent 1974	Employ. 1974
Judges	0.18	28
Lawyers	0.77	121
Librarians	0.06	9
Personnel Labor Relations	0.13	20
Research Workers, Nec.	0.04	6
Social Workers	0.82	128
Vocational, Educational Counselors	0.01	2
MANAGERS, OFFICIALS, PROPRIETORS	16.78	2628
Buyers, Sales, Loan Managers	0.11	17
Purchasing Agents, Buyers, Nec.	0.11	17
Administrators, Pub. Inspector	16.11	2523
Assess., Control, Loc Pub. Admin.	4.10	642
Construction Inspector, Pub.	0.84	132
Inspectors, Exc. Construct. Pub.	0.86	135
Officials, Adminis., Pub.	10.30	1613
Other Managers, Officials, Prop.	0.56	88
Managers, Superintendents, Bldg.	0.05	8
Office Managers, Nec.	0.50	78
SALES WORKERS	0.08	13
Sales And Sales Workers, Nec.	0.08	13
CLERICAL WORKERS	23.20	3633
Stenographers, Typists, Secre.	8.61	1348
Secretaries, Legal	0.20	31
Secretaries, Other	4.57	716
Stenographers	0.61	96
Typists	3.23	506

IOWA LOCAL GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 93

	Employ. Percent 1974	Employ. 1974
Office Machine Operators	0.36	56
Bookkeeping, Billing Operator	0.05	8
Computer, Peripheral Equip.	0.19	30
Keypunch Operators	0.11	17
Other Clerical Workers	14.23	2228
Billing Clerks	0.14	22
Bookkeepers	3.05	478
Cashiers	0.34	53
Clerical Supervisors, Nec.	0.38	60
Collectors, Bill. And Account.	0.06	9
Counter Clerks, Exc. Food	0.08	13
Dispatcher, Starter, Vehicle	0.10	16
Enumerators, And Interviewers	0.04	6
Estimators, Investigators, Nec.	0.42	66
File Clerks	0.47	74
Messengers And Office Helpers	0.03	5
Payroll, Timekeeping Clerks	0.20	31
Real Estate Appraisers	0.06	9
Receptionists	0.23	36
Shipping, Receiving Clerks	0.04	6
Statistical Clerks	1.16	182
Stock Clerks, Storekeepers	0.06	9
Telephone Operators	0.19	30
Weighers	0.06	9
Misc. Clerical Workers, Nec.	7.14	1118
CRAFTS AND KINDRED WORKERS	5.07	794
Construction Crafts Workers	1.44	226
Carpenters And Apprentices	0.19	30
Bulldozer Operators	0.17	27
Cement And Concrete Finisher	0.05	8

IOWA LOCAL GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 93

	Employ. Percent 1974	Employ. 1974
Electricians And Apprentices	0.38	60
Excavating, Grading, Mach. Op.	0.33	52
Painters And Apprentices	0.32	50
Blue Collar Worker Supvr., Nec.	0.93	146
Metalworking Craft Wrkrs. Exc. M.	0.19	30
Machinists And Apprentices	0.19	30
Mechanics, Repairers, Installer	2.18	341
Auto Body Repairers	0.04	6
Auto Mechanics And Appr.	0.91	143
Heavy Equip. Mech., Incl. Deisel	0.72	113
Household Appliance Mechanic	0.19	30
Radio, Television Repairers	0.06	9
Other Mechanics And Appr.	0.26	41
Printing Trade Crafts Workers	0.03	5
Pressmen, Plate Prntrs., Appre.	0.03	5
Transportation, Pub. Util. Craft	0.04	6
Elec. Pwr. Line Installer, Repr.	0.04	6
Other Crafts, Kindred Worker	0.25	39
Crane, Derrick And Hoist Opr.	0.03	5
Sign Painters And Letterers	0.07	11
Stationary Engineers	0.15	23
OPERATIVES	2.45	384
Operatives, Exc. Transport	0.74	116
Semiskilled Metalworking	0.06	9
Welders And Flame Cutters	0.06	9
Other Operatives, Exc. Transpo.	0.68	106
Surveyor Helpers	0.12	19
Garage Wrkrs., Gas Station Att.	0.09	14
Laundry, Dry Cleaning Oprs. Nec.	0.06	9
Oilers, Greasers, Exc. Auto	0.04	6

IOWA LOCAL GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

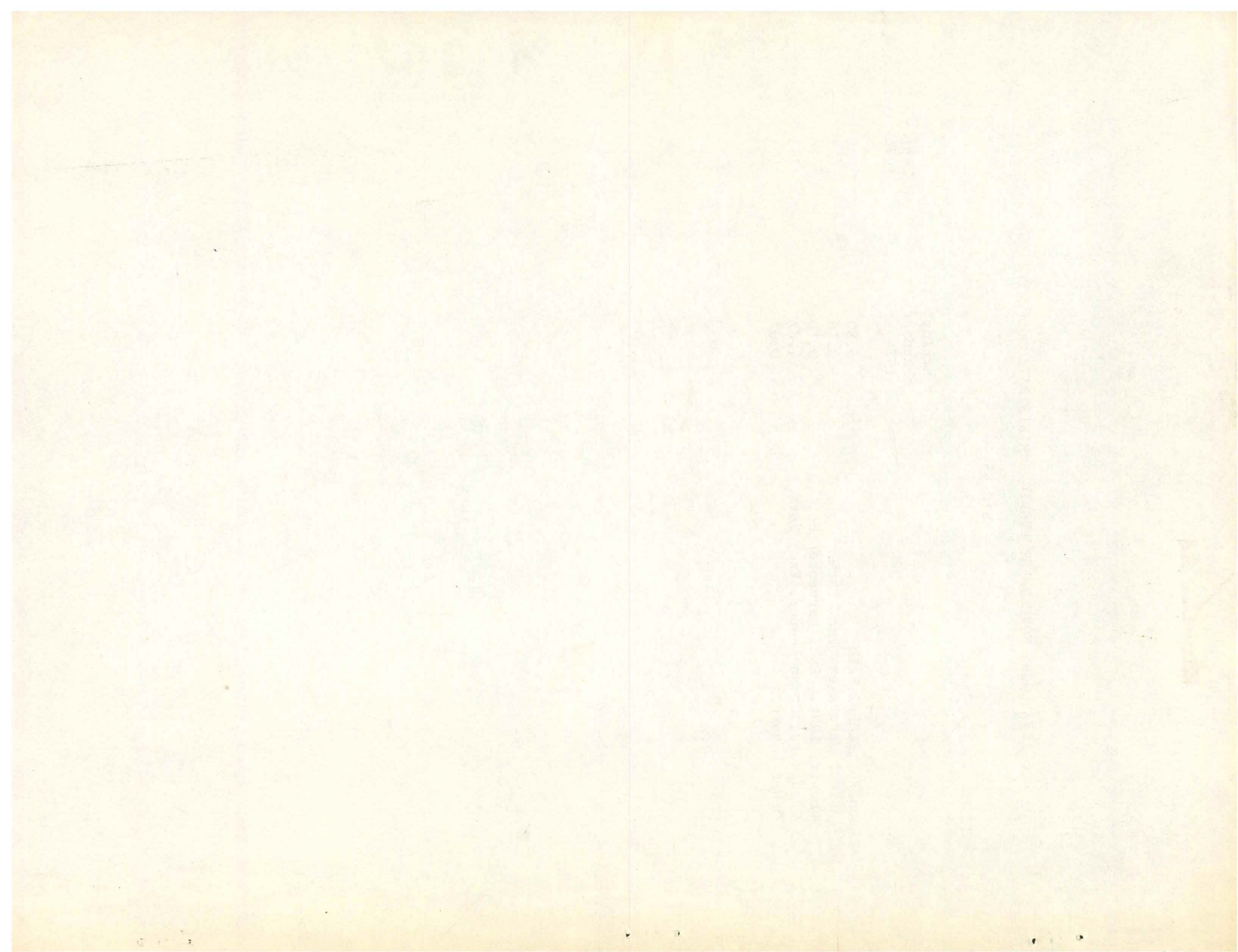
SIC 93

	Employ. Percent 1974	Employ. 1974
Photographic Process Workers	0.03	5
Furnace Tendr., Stokr. Exc. Meta.	0.26	41
Misc. Mach. Operatives	0.04	6
Operatives, Nec.	0.04	6
Transport Equipment Operatives	1.71	268
Parking Attendants	0.05	8
Taxicab Drivers, Chauffeurs	0.03	5
Truck Drivers	1.62	254
SERVICE WORKERS	36.67	5743
Cleaning Service Workers	3.28	514
Lodging Quarters Cleaners Exc.	0.03	5
Bldg. Interior Cleaners, Nec.	0.50	78
Janitors And Sextons	2.75	431
Food Service Workers	0.19	30
Cooks, Exc. Private	0.19	30
Health Service Workers	0.07	11
Nurses Aides, Orderlies	0.07	11
Personal Service Workers	0.50	78
Atten., Personal Service, Nec.	0.12	19
Hairdressers, Cosmetologists	0.04	6
Welfare Service Aides	0.34	53
Protective And Service Worker	32.64	5111
Crossing Guard, Bridgetender	0.53	83
Firefighters	9.54	1494
Guards	1.75	274
Marshalls And Constables	1.41	221
Police And Detectives	15.56	2437
Sheriffs And Bailiffs	3.86	604

IOWA LOCAL GOVERNMENT PUBLIC ADMINISTRATION OCCUPATIONS

SIC 93

	Employ. Percent 1974	Employ. 1974
LABORERS, EXCEPT FARM	5.80	908
Animal Caretakers Exc. Farm	0.16	25
Constr. Labr., Exc. Carpenter He.	0.10	16
Gardeners, Groundkeeper, Exc. Farm	4.87	763
Other Laborers	0.67	105





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