Table 171. Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	**2 743 446**	**1 676 469**	**261 685**	**202 717**	**84 524**	**42 079**	**2 278 912**	**1 453 675**	**345 355**	**181 290**	**119 179**	**41 504**
Professional, technical, and kindred workers	**381 554**	**248 037**	**16 604**	**22 170**	**6 617**	**3 324**	**344 139**	**218 116**	**34 071**	**23 238**	**3 344**	**6 683**
Accountants	33 358	9 993	811	658	445	166	31 357	9 158	1 790	664	211	171
Architects	3 289	112	42	4	50	–	3 123	108	166	4	–	–
Computer specialists	12 416	3 047	425	152	203	49	11 453	2 865	889	167	74	15
Computer programers	7 423	2 200	303	128	173	22	6 818	2 056	563	129	42	15
Computer systems analysts	4 374	740	109	24	30	21	4 091	715	270	25	13	–
Computer specialists, n.e.c	619	107	13	–	–	6	544	94	56	13	19	–
Engineers	66 395	891	956	44	865	17	60 681	816	5 325	70	389	5
Aeronautical and astronautical	450	5	5	–	27	–	358	5	80	–	12	–
Chemical	2 479	34	16	–	29	–	2 284	30	179	4	16	–
Civil	8 965	106	163	–	184	–	8 000	95	875	11	90	–
Electrical and electronic	14 600	169	256	–	197	–	13 719	164	798	–	83	5
Industrial	11 348	281	203	28	108	11	10 326	259	970	22	52	–
Mechanical	10 244	84	138	–	92	–	9 287	71	909	13	48	–
Metallurgical and materials	936	5	7	–	8	–	868	5	63	–	5	–
Mining	109	–	6	–	6	–	91	–	18	–	–	–
Petroleum	204	14	10	–	–	6	146	14	58	–	–	–
Sales	4 653	30	–	6	33	–	4 448	30	201	–	4	–
Engineers, n.e.c	12 407	163	152	10	181	–	11 154	143	1 174	20	79	–
Farm management advisors	127	13	–	–	–	–	73	13	39	–	15	–
Foresters and conservationists	748	11	–	–	9	–	467	11	207	–	74	–
Home management advisors	–	252	–	47	–	6	–	240	–	12	–	–
Lawyers and judges	15 849	763	314	53	138	–	15 218	714	567	21	64	28
Judges	557	36	32	9	–	–	491	22	51	3	15	11
Lawyers	15 292	727	282	44	138	–	14 727	692	516	18	49	17
Librarians, archivists, and curators	1 587	5 589	105	295	17	56	1 431	4 946	144	511	12	132
Librarians	1 341	5 523	97	295	13	56	1 227	4 896	102	501	12	126
Archivists and curators	246	66	8	–	4	–	204	50	42	10	–	6
Mathematical specialists	1 356	677	16	54	13	–	1 259	645	85	32	12	–
Actuaries	354	71	–	5	–	–	326	69	28	2	–	–
Mathematicians	198	41	–	4	–	–	190	35	8	6	–	–
Statisticians	804	565	16	45	13	–	743	541	49	24	12	–
Life and physical scientists	9 159	1 729	411	124	144	49	8 283	1 608	803	106	73	15
Agricultural	453	11	10	–	7	–	347	7	76	–	30	4
Atmospheric and space	159	22	–	–	–	–	144	22	15	–	–	–
Biological	747	583	29	57	6	7	672	547	75	31	–	5
Chemists	6 725	1 047	358	67	114	42	6 141	971	546	70	38	6
Geologists	279	20	–	–	–	–	234	20	40	–	5	–
Marine	42	10	–	–	–	–	42	10	–	–	–	–
Physicists and astronomers	711	4	14	–	17	–	664	4	47	–	–	–
Life and physical, n.e.c	43	32	–	–	–	–	39	27	4	5	–	–
Operations and systems researchers and analysts	4 067	451	59	25	53	8	3 670	418	362	30	35	3
Personnel and labor relations workers	13 763	5 711	842	555	173	86	12 736	5 474	982	204	45	33
Physicians, dentists, and related practitioners	26 800	2 855	879	113	1 012	96	24 581	2 667	2 039	164	180	24
Chiropractors	676	29	–	–	7	–	588	24	82	5	6	–
Dentists	4 907	129	152	11	23	–	4 444	116	456	9	7	4
Optometrists	1 245	61	22	–	13	–	1 191	56	43	5	11	–
Pharmacists	5 776	963	285	37	35	7	5 199	862	531	96	46	5
Physicians, medical and osteopathic	12 827	1 546	358	65	934	89	12 093	1 495	672	42	62	9
Podiatrists	480	48	58	–	–	–	446	46	29	2	5	–
Veterinarians	858	44	4	–	–	–	595	33	220	5	43	6
Health practitioners, n.e.c	31	35	–	–	–	–	25	35	6	–	–	–
Registered nurses, dietitians, and therapists	2 625	48 340	326	4 117	64	764	2 310	42 175	288	4 802	27	1 363
Dietitians	235	1 948	61	486	–	111	198	1 793	25	131	12	24
Registered nurses	926	42 873	107	3 364	53	623	804	37 238	116	4 352	6	1 283
Therapists	1 464	3 519	158	267	11	30	1 308	3 144	147	319	9	56
Health technologists and technicians	4 111	9 706	564	1 204	198	259	3 797	8 900	283	670	31	136
Clinical laboratory technologists and technicians	1 698	5 154	297	602	108	138	1 595	4 721	94	360	9	73
Dental hygienists	19	433	–	3	–	8	19	405	–	24	–	4
Health record technologists and technicians	46	574	–	50	13	14	43	528	3	34	–	12
Radiologic technologists and technicians	1 158	1 828	164	184	33	52	1 037	1 649	111	157	10	22
Therapy assistants	55	160	8	53	–	7	50	138	5	16	–	6
Health technologists and technicians, n.e.c	1 135	1 557	95	312	44	40	1 053	1 459	70	79	12	19
Religious workers	11 544	1 326	627	60	77	24	9 349	1 097	2 158	229	37	–
Clergymen	10 824	283	601	21	77	4	8 654	220	2 133	63	37	–
Religious workers, n.e.c	720	1 043	26	39	–	20	695	877	25	166	–	–
Social scientists	5 377	1 214	141	137	75	10	5 039	1 171	315	43	23	–
Economists	3 888	422	91	38	55	–	3 676	412	194	10	18	–
Political scientists	16	7	–	–	–	–	16	7	–	–	–	–
Psychologists	1 098	637	23	79	6	10	987	615	106	22	5	–
Sociologists	43	37	5	4	–	–	43	37	–	–	–	–
Urban and regional planners	260	43	16	16	9	–	254	43	6	–	–	–
Social scientists, n.e.c	72	68	6	–	5	–	63	57	9	11	–	–
Social and recreation workers	5 465	7 872	992	1 846	159	237	5 046	7 278	344	496	75	98
Social	3 930	6 898	747	1 701	117	217	3 579	6 451	295	398	56	49
Recreation	1 535	974	245	145	42	20	1 467	827	49	98	19	49
Teachers, college and university	18 909	7 550	397	438	304	137	17 162	6 923	1 627	527	120	100
Biology	870	305	12	9	–	8	769	290	96	15	5	–
Chemistry	744	77	9	–	–	7	684	77	54	–	6	–
Engineering	756	11	–	7	–	–	700	11	51	–	5	–
Physics	614	25	3	–	–	–	578	25	30	–	6	–
Other life and physical sciences	368	11	–	–	–	–	346	11	16	–	6	–
Mathematics	1 110	221	33	17	19	–	1 019	206	86	15	5	–
Economics	463	44	–	–	12	–	397	44	66	–	–	–
English	1 069	842	5	63	14	8	1 025	805	40	31	4	6
History	644	125	20	–	8	–	606	115	34	10	4	–
Miscellaneous social sciences	1 391	436	22	37	7	12	1 299	423	83	9	9	4
Other specified teachers	5 406	2 905	120	111	162	51	4 982	2 604	402	256	22	45
Not specified teachers	5 474	2 548	173	194	82	51	4 757	2 312	669	191	48	45

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Professional, technical, and kindred workers—Continued												
Teachers, except college and university	44 293	101 594	3 160	8 570	504	835	37 041	86 492	6 506	11 346	746	3 756
Adult education	907	984	46	135	39	19	814	897	87	79	6	8
Elementary school	12 540	63 206	1 480	5 757	146	484	10 642	53 478	1 664	7 129	234	2 599
Prekindergarten and kindergarten	58	5 946	4	776	–	79	54	5 284	4	488	–	174
Secondary school	28 306	25 934	1 459	1 622	280	208	23 340	22 087	4 485	3 035	481	812
Teachers, except college and university, n.e.c	2 482	5 524	171	280	39	45	2 191	4 746	266	615	25	163
Engineering and science technicians	34 619	4 551	1 466	299	933	164	30 530	4 019	3 624	483	465	49
Agriculture and biological, except health	1 294	767	101	32	33	12	976	658	274	100	44	9
Chemical	2 250	429	160	39	58	–	1 948	365	267	64	35	–
Draftsmen	16 572	1 123	629	42	518	67	15 015	1 016	1 397	96	160	11
Electrical and electronic engineering	5 304	358	188	33	166	9	4 832	324	423	34	49	–
Industrial engineering	912	140	40	5	25	5	805	123	91	10	16	7
Mechanical engineering	503	49	56	–	10	–	432	44	60	5	11	–
Mathematical	15	–	5	–	–	–	15	–	–	–	–	–
Surveyors	1 481	68	19	23	13	–	1 138	68	284	–	59	–
Engineering and science, n.e.c	6 288	1 617	268	125	110	71	5 369	1 421	828	174	91	22
Technicians, except health, and engineering and science	6 437	911	180	111	104	14	5 259	833	1 050	75	128	3
Airplane pilots	2 789	46	6	–	49	–	2 146	36	599	10	44	–
Air traffic controllers	1 162	65	49	6	37	–	946	60	190	5	26	–
Embalmers	198	23	12	18	–	–	183	23	11	–	4	–
Flight engineers	291	–	–	–	–	–	241	–	34	–	16	–
Radio operators	1 092	477	43	41	–	–	949	430	114	44	29	3
Tool programers, numerical control	163	54	5	11	–	–	154	54	9	–	–	–
Technicians, n.e.c	742	246	65	35	18	14	640	230	93	16	9	–
Vocational and educational counselors	3 316	2 542	302	268	63	20	2 869	2 280	417	221	30	41
Writers, artists, and entertainers	31 194	13 642	1 340	609	526	155	28 901	12 473	2 095	984	198	185
Actors	212	237	30	10	8	19	208	237	4	–	–	–
Athletes and kindred workers	1 331	603	93	49	17	11	1 115	555	179	36	37	12
Authors	464	308	21	–	–	–	435	291	24	11	5	6
Dancers	59	174	–	14	–	14	59	170	–	4	–	–
Designers	5 331	1 219	114	72	92	7	4 903	1 138	409	71	19	10
Editors and reporters	5 862	4 751	165	155	94	15	5 487	4 215	343	477	32	59
Musicians and composers	2 792	1 785	386	83	72	19	2 603	1 575	179	152	10	58
Painters and sculptors	5 008	2 106	143	59	90	24	4 730	1 944	253	144	25	18
Photographers	3 713	401	154	21	87	6	3 425	374	277	22	11	5
Public relations men and publicity writers	3 259	1 220	86	89	42	17	3 166	1 191	78	26	15	3
Radio and television announcers	747	88	17	4	12	–	615	75	125	9	7	4
Writers, artists, and entertainers, n.e.c	2 416	750	131	53	12	23	2 155	708	224	32	37	10
Research workers, not specified	5 097	1 792	138	68	152	28	4 623	1 722	424	60	50	10
Professional, technical, and kindred workers—allocated	19 653	14 903	2 111	2 319	336	144	17 881	13 070	1 542	1 317	230	516
Managers and administrators, except farm	**282 326**	**49 593**	**8 388**	**3 238**	**2 984**	**496**	**246 163**	**42 964**	**32 680**	**5 650**	**3 483**	**979**
Assessors, controllers, and treasurers; local public administration	745	487	21	11	6	–	473	338	160	98	112	51
Bank officers and financial managers	13 999	3 077	264	238	48	12	12 266	2 664	1 531	345	202	68
Buyers and shippers, farm products	1 143	5	10	–	8	–	552	–	435	–	156	5
Buyers, wholesale and retail trade	9 064	3 184	170	102	128	14	8 246	2 894	755	235	63	55
Credit men	2 801	992	60	71	20	–	2 677	884	115	93	9	15
Funeral directors	2 009	122	121	6	–	–	1 668	92	331	30	10	–
Health administrators	2 478	2 058	122	143	19	15	2 263	1 712	186	298	29	48
Construction inspectors; public administration	752	11	92	–	–	–	701	11	51	–	–	–
Inspectors, except construction; public administration	3 532	265	275	52	41	6	2 899	213	511	42	122	10
Federal public administration and postal service	2 060	206	202	41	33	6	1 801	165	225	36	34	5
State public administration	1 075	41	47	6	8	–	710	30	277	6	88	5
Local public administration	397	18	26	5	–	–	388	18	9	–	–	–
Managers and superintendents, building	1 970	914	194	99	19	12	1 850	861	113	48	7	5
Officers, pilots, and pursers; ship	374	20	–	–	–	–	193	20	177	–	4	–
Officials and administrators; public administration, n.e.c	7 482	2 043	576	298	62	5	5 969	1 755	1 168	240	345	48
Federal public administration and postal service	3 291	845	284	138	44	–	2 872	749	378	75	41	21
State public administration	1 365	271	111	46	–	5	1 049	240	270	14	46	17
Local public administration	2 826	927	181	114	18	–	2 048	766	520	151	258	10
Officials of lodges, societies, and unions	2 628	445	179	17	35	13	2 383	440	225	5	20	–
Postmasters and mail superintendents	1 103	339	44	6	16	–	509	52	541	248	53	39
Purchasing agents and buyers, n.e.c	9 079	1 591	150	106	66	10	8 122	1 435	896	141	61	15
Railroad conductors	2 237	40	166	–	32	–	1 875	27	346	13	16	–
Restaurant, cafeteria, and bar managers	10 591	4 427	463	241	212	28	9 413	3 461	1 137	856	41	110
Sales managers and department heads, retail trade	8 648	2 529	316	121	108	30	7 802	2 316	768	176	78	37
Sales managers, except retail trade	16 775	609	132	10	159	9	15 770	571	937	38	68	–
School administrators, college	1 529	493	56	36	10	15	1 377	450	148	38	4	5
School administrators, elementary and secondary	6 301	2 494	322	319	24	28	4 943	2 340	1 256	114	102	40
Managers and administrators, n.e.c., salaried	136 862	16 857	3 215	899	1 471	237	122 002	15 304	13 663	1 312	1 197	241
Construction	10 747	276	124	10	88	–	8 934	236	1 615	31	198	9
Manufacturing	44 769	2 690	533	90	506	45	40 586	2 421	3 910	221	273	48
Transportation	8 162	1 228	188	27	94	18	7 414	1 165	696	47	52	16
Communications, and utilities and sanitary services	5 143	585	90	71	11	–	4 451	537	649	43	43	5
Wholesale trade	12 512	826	180	19	125	26	11 167	737	1 205	79	140	10
Retail trade	27 012	4 578	1 086	221	331	68	23 282	4 030	3 427	462	303	86
Hardware, farm equipment, and building material retailing	2 121	112	17	–	11	–	1 451	80	631	28	39	4
General merchandise stores	4 607	1 414	192	81	54	12	4 267	1 276	325	123	15	15
Food stores	5 957	879	290	44	102	16	5 249	729	679	132	29	18
Motor vehicles and accessories retailing	3 807	206	47	5	48	7	3 245	187	546	14	16	5
Gasoline service stations	2 215	58	203	–	19	–	1 753	43	428	15	34	–
Apparel and accessories stores	1 904	807	53	26	43	6	1 810	734	88	57	6	16
Furniture, home furnishings, and equipment stores	1 586	198	22	6	17	18	1 473	177	108	21	5	–
Other retail trade	4 815	904	262	59	37	9	4 034	804	622	72	159	28
Finance, insurance, and real estate	8 556	1 441	203	70	61	28	8 026	1 378	501	59	29	4
Business and repair services	7 622	1 298	261	41	103	16	7 194	1 244	408	42	20	12
Personal services	3 781	1 207	154	96	53	–	3 199	1 054	509	141	73	12
All other industries	8 558	2 728	396	254	99	36	7 749	2 502	743	187	66	39

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Managers and administrators, except farm—Continued												
Managers and administrators, n.e.c., self-employed	28 499	4 522	931	244	304	49	21 950	3 346	5 897	1 036	652	140
Construction	4 781	71	110	5	–	–	3 459	62	1 197	9	125	–
Manufacturing	2 510	235	27	11	8	7	2 135	189	318	46	57	–
Transportation	654	74	32	–	–	–	413	59	213	15	28	–
Communications, and utilities and sanitary services	88	10	–	–	–	–	62	–	21	10	5	–
Wholesale trade	2 043	195	14	13	30	–	1 714	180	282	10	47	5
Retail trade	12 630	2 557	548	117	200	33	9 294	1 832	3 051	633	285	92
Hardware, farm equipment, and building material retailing	1 304	99	27	6	–	–	776	49	464	50	64	–
General merchandise stores	656	229	14	3	8	–	459	122	192	87	5	20
Food stores	3 274	909	314	76	138	21	2 529	673	698	220	47	16
Motor vehicles and accessories retailing	563	30	6	–	–	–	396	19	145	11	22	–
Gasoline service stations	3 371	61	111	6	15	–	2 290	27	1 008	29	73	5
Apparel and accessories stores	610	302	11	–	7	–	530	227	80	62	–	13
Furniture, home furnishings, and equipment stores	780	87	8	–	14	–	630	71	145	16	5	–
Other retail trade	2 072	840	57	26	18	12	1 684	644	319	158	69	38
Finance, insurance, and real estate	980	72	9	4	14	9	869	60	102	12	9	–
Business and repair services	1 654	175	51	5	21	–	1 477	146	159	29	18	–
Personal services	2 190	896	117	50	21	–	1 742	632	395	239	53	25
All other industries	969	237	23	39	10	–	785	186	159	33	25	18
Managers and administrators, except farm—allocated	11 725	2 069	509	219	196	13	10 260	1 778	1 333	244	132	47
Sales workers	**195 120**	**122 398**	**7 685**	**6 750**	**2 694**	**1 769**	**173 815**	**108 503**	**18 780**	**11 588**	**2 525**	**2 307**
Advertising agents and salesmen	4 889	914	111	6	34	–	4 528	858	356	52	5	4
Auctioneers	253	14	–	–	–	–	148	14	86	–	19	–
Demonstrators	167	1 751	12	43	–	16	129	1 284	38	393	–	74
Hucksters and peddlers	1 170	3 925	81	94	38	28	993	2 765	158	889	19	271
Insurance agents, brokers, and underwriters	23 430	3 154	1 064	182	385	75	20 657	2 778	2 473	324	300	52
Newsboys	2 252	307	150	11	47	7	2 021	222	219	78	12	7
Real estate agents and brokers	7 934	3 849	280	146	41	28	7 124	3 533	684	277	126	39
Stock and bond salesmen	5 353	499	70	28	53	8	5 134	499	184	–	35	–
Salesmen and sales clerks, n.e.c	138 751	98 096	4 942	5 304	1 828	1 393	123 459	87 850	13 444	8 588	1 848	1 658
Sales representatives, manufacturing industries	29 178	2 503	576	149	281	34	27 061	2 324	1 936	151	181	28
Sales representatives, wholesale trade	35 329	2 218	666	198	386	44	32 302	1 954	2 729	230	298	34
Sales clerks, retail trade	43 548	85 454	2 725	4 545	852	1 230	37 720	76 612	4 922	7 363	906	1 479
Salesmen, retail trade	20 805	3 728	812	191	208	39	17 319	3 099	3 135	558	351	71
Salesmen of services and construction	9 891	4 193	163	221	101	46	9 057	3 861	722	286	112	46
Sales workers—allocated	10 921	9 889	975	936	268	214	9 622	8 700	1 138	987	161	202
Clerical and kindred workers	**230 492**	**661 372**	**27 790**	**66 893**	**6 757**	**12 066**	**208 907**	**593 855**	**18 732**	**55 672**	**2 853**	**11 845**
Bank tellers	2 739	11 875	142	707	122	293	2 427	10 099	279	1 349	33	427
Billing clerks	1 487	6 397	109	443	58	156	1 324	5 897	148	443	15	57
Bookkeepers	18 170	74 048	903	3 047	384	899	15 942	62 444	1 917	9 404	311	2 200
Cashiers	5 030	45 816	600	4 418	214	855	4 603	40 807	370	4 142	57	867
Clerical assistants, social welfare	–	19	–	14	–	–	–	19	–	–	–	–
Clerical supervisors, n.e.c	3 585	2 870	190	406	58	52	3 286	2 680	281	158	18	32
Collectors, bill and account	1 735	1 175	135	192	27	21	1 602	1 080	108	95	25	–
Counter clerks, except food	5 152	12 265	445	1 478	170	258	4 760	11 360	366	787	26	118
Dispatchers and starters, vehicle	3 181	547	139	57	20	12	2 829	486	334	61	18	–
Enumerators and interviewers	750	2 285	131	259	38	27	665	1 702	64	392	21	191
Estimators and investigators, n.e.c	9 568	7 382	383	1 131	88	122	9 004	6 977	502	337	62	68
Expediters and production controllers	11 351	3 584	527	311	275	65	10 207	3 279	1 021	277	123	28
File clerks	4 362	25 304	683	4 532	143	765	4 113	23 820	223	1 277	26	207
Insurance adjusters, examiners, and investigators	4 364	2 010	110	160	26	25	3 994	1 931	323	67	47	12
Library attendants and assistants	1 241	4 697	97	327	57	48	1 169	4 278	60	334	12	85
Mail carriers, post office	13 507	1 563	3 098	708	151	–	11 475	1 388	1 656	144	376	31
Mail handlers, except post office	5 056	4 737	663	690	160	190	4 803	4 359	224	342	29	36
Messengers, including telegraph, and office boys	2 784	646	405	157	84	14	2 688	602	89	34	7	10
Meter readers, utilities	1 477	61	222	5	8	–	1 220	56	239	5	18	–
Office machine operators	10 255	33 107	1 125	4 715	348	974	9 488	30 566	663	2 118	104	423
Bookkeeping and billing machine	541	5 201	34	501	6	168	486	4 878	51	274	4	49
Calculating machine	254	3 254	45	282	–	74	249	3 118	5	124	–	12
Computer and peripheral equipment	5 730	2 366	493	271	178	44	5 306	2 165	343	177	81	24
Duplicating machine	569	928	116	138	25	–	547	871	22	52	–	5
Keypunch	1 912	19 222	256	3 151	89	668	1 740	17 545	153	1 349	19	328
Tabulating machine	395	353	55	64	27	–	376	315	19	38	–	–
Office machine, n.e.c	854	1 783	126	308	23	20	784	1 674	70	104	–	5
Payroll and timekeeping clerks	3 523	7 962	220	728	88	84	3 192	7 249	303	592	28	121
Postal clerks	11 925	8 758	4 555	5 323	184	88	11 002	7 372	791	1 212	132	174
Proofreaders	578	1 900	25	137	13	14	578	1 753	–	130	–	17
Real estate appraisers	779	19	22	–	–	–	688	19	74	–	17	–
Receptionists	986	18 087	109	1 270	45	249	934	16 353	42	1 461	10	273
Secretaries	4 513	167 274	213	6 809	63	2 499	4 130	148 643	336	15 161	47	3 470
Shipping and receiving clerks	25 522	4 090	3 570	613	1 601	142	23 378	3 634	1 853	427	291	29
Statistical clerks	6 177	11 801	352	1 296	155	173	5 671	10 974	418	755	88	72
Stenographers	378	6 443	15	354	–	72	350	5 687	24	601	4	155
Stock clerks and storekeepers	21 444	6 105	2 736	694	913	61	18 961	5 441	2 154	584	329	80
Teacher aides, except school monitors	534	4 742	165	1 648	20	195	482	4 267	47	369	5	106
Telegraph operators	467	157	14	14	6	–	344	136	112	21	11	–
Telephone operators	1 200	22 651	114	2 814	18	269	1 085	21 186	101	1 253	14	212
Ticket, station, and express agents	4 432	3 451	332	463	165	90	4 141	3 339	272	106	19	6
Typists	3 299	70 487	426	8 140	152	1 588	2 988	64 622	279	4 980	32	885
Weighers	1 962	774	275	137	75	22	1 536	682	356	66	70	26
Miscellaneous clerical workers	12 188	20 449	811	2 670	251	440	11 243	18 949	797	1 285	148	215
Not specified clerical workers	9 255	25 398	710	2 821	243	412	8 309	23 357	858	1 706	88	335
Clerical and kindred workers—allocated	15 536	40 436	3 019	7 205	334	892	14 296	36 362	1 048	3 197	192	877

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Craftsmen and kindred workers	**585 804**	**30 865**	**40 700**	**4 136**	**15 856**	**1 143**	**485 239**	**26 333**	**88 728**	**3 767**	**11 837**	**765**
Automobile accessories installers	248	–	42	–	19	–	218	–	24	–	6	–
Bakers	5 044	1 565	804	257	480	32	4 790	1 364	235	128	19	73
Blacksmiths	631	16	15	–	6	–	363	6	208	5	60	5
Boilermakers	1 747	21	103	–	52	–	1 425	11	298	10	24	–
Bookbinders	1 403	2 062	196	399	90	103	1 224	1 836	170	187	9	39
Brickmasons and stonemasons	8 995	105	838	23	175	–	7 558	93	1 288	6	149	6
Bulldozer operators	2 868	40	316	10	134	15	1 744	32	913	8	211	–
Cabinetmakers	2 786	106	165	6	83	4	2 348	47	405	47	33	12
Carpenters	38 779	415	1 079	41	567	–	27 432	272	9 657	106	11 690	37
Carpet installers	2 153	51	139	–	56	–	1 794	26	343	20	16	5
Cement and concrete finishers	3 120	29	306	–	85	–	2 503	20	528	9	89	–
Compositors and typesetters	10 520	1 509	683	195	323	51	9 669	1 212	760	265	91	32
Cranemen, derrickmen, and hoistmen	9 917	135	2 067	57	583	7	8 035	118	1 628	17	254	–
Decorators and window dressers	1 907	2 025	117	81	70	29	1 770	1 722	130	237	7	66
Dental laboratory technicians	1 222	292	42	19	78	5	1 120	258	98	26	4	8
Electricians	28 187	442	1 184	72	570	5	23 152	384	4 551	53	484	5
Electric power linemen and cablemen	4 512	90	116	5	58	20	3 371	67	1 018	23	123	–
Electrotypers and stereotypers	537	10	5	–	–	–	507	10	30	–	–	–
Engravers, except photoengravers	360	100	–	5	13	–	317	81	43	10	–	9
Excavating, grading, and road machine operators; except bulldozer	7 600	79	296	10	92	4	4 388	55	2 605	19	607	5
Floor layers, except tile setters	604	6	44	–	12	–	517	–	69	6	18	–
Foremen, n.e.c	88 120	7 832	4 449	708	2 094	194	74 949	7 049	11 928	690	1 243	93
Construction	6 179	96	215	6	46	–	4 696	79	1 327	17	156	–
Manufacturing	58 063	4 894	2 837	418	1 427	162	49 696	4 323	7 577	516	790	55
Durable goods	40 094	2 572	1 592	200	997	68	34 250	2 298	5 318	247	526	27
Nondurable goods, including not specified manufacturing	17 969	2 322	1 245	218	430	94	15 446	2 025	2 259	269	264	28
Transportation, communications, and other public utilities	8 873	364	374	4	204	–	7 878	356	948	8	47	–
All other industries	15 005	2 478	1 023	280	417	32	12 679	2 291	2 076	149	250	38
Forgemen and hammermen	1 494	62	139	5	28	–	1 246	46	212	16	36	–
Furniture and wood finishers	893	91	106	4	68	–	794	45	92	40	7	6
Furriers	109	13	4	3	–	–	105	13	4	–	–	–
Glaziers	1 229	15	62	–	26	9	1 080	15	131	–	18	–
Heat treaters, annealers, and temperers	2 035	80	236	7	49	7	1 751	64	245	11	39	5
Inspectors, scalers, and graders; log and lumber	56	18	5	–	–	7	11	18	32	–	13	–
Inspectors, n.e.c	6 088	572	580	174	220	40	5 209	504	778	53	101	15
Construction	310	9	32	–	–	–	231	9	59	–	20	–
Railroads and railway express service	2 114	8	220	–	90	–	1 833	8	247	–	34	–
Jewelers and watchmakers	1 519	230	24	16	80	14	1 386	189	124	41	9	–
Job and die setters, metal	10 426	374	752	18	679	11	9 113	314	1 154	55	159	5
Locomotive engineers	4 040	34	135	–	56	–	3 514	20	476	14	50	–
Locomotive firemen	720	3	41	–	18	–	617	–	92	3	11	–
Machinists	22 199	812	1 249	162	732	34	18 628	654	3 128	131	443	27
Mechanics and repairmen	124 777	2 569	9 610	270	3 662	136	100 227	2 164	21 490	371	3 060	34
Air conditioning, heating, and refrigeration	5 637	42	243	–	66	–	4 858	37	725	5	54	–
Aircraft	2 782	22	72	4	49	–	2 424	17	324	–	34	5
Automobile body repairmen	5 915	50	544	5	218	–	4 673	35	1 144	15	98	–
Automobile mechanics	38 481	375	4 016	43	1 027	13	30 203	293	7 289	77	989	5
Data processing machine repairmen	2 013	13	26	–	42	–	1 864	13	145	–	4	–
Farm implement	1 911	20	17	–	22	–	660	5	918	15	333	–
Heavy equipment mechanics, including diesel	36 092	679	2 374	71	1 183	29	28 336	556	6 739	107	1 017	16
Household appliance and accessory installers and mechanics	6 023	146	279	12	144	–	5 213	116	733	30	77	–
Loom fixers	12	–	–	–	–	–	12	–	–	–	–	–
Office machine	2 199	48	128	–	65	–	2 011	44	169	4	19	–
Radio and television	7 061	425	735	38	307	24	6 013	387	927	38	121	–
Railroad and car shop	4 267	30	369	–	188	4	3 336	30	822	–	109	–
Miscellaneous mechanics and repairmen	9 098	462	543	44	218	22	7 788	409	1 157	49	153	4
Not specified mechanics and repairmen	3 286	257	264	53	133	44	2 836	222	398	31	52	4
Millers; grain, flour, and feed	409	8	19	–	–	–	166	8	202	–	41	–
Millwrights	4 951	65	168	–	102	8	3 965	59	882	–	104	6
Molders, metal	3 859	504	1 186	114	228	33	3 360	437	417	55	82	12
Motion picture projectionists	731	22	36	–	14	–	658	22	68	–	5	–
Opticians, and lens grinders and polishers	899	305	41	46	57	43	843	290	56	15	–	–
Painters, construction and maintenance	16 095	656	1 626	85	497	56	13 930	531	1 995	102	170	23
Paperhangers	352	75	18	–	4	–	334	28	18	26	–	21
Pattern and model makers, except paper	2 952	118	23	10	68	4	2 666	104	261	14	25	–
Photoengravers and lithographers	3 328	310	65	15	81	14	3 085	259	224	51	19	–
Piano and organ tuners and repairmen	398	36	7	–	19	–	359	26	34	10	5	–
Plasterers	1 269	13	205	5	33	–	1 071	9	166	–	32	4
Plumbers and pipe fitters	22 617	99	726	–	254	–	18 482	76	3 771	9	364	14
Power station operators	661	5	30	–	–	–	526	5	107	–	28	–
Pressmen and plate printers, printing	14 647	1 040	837	265	406	34	13 291	915	1 214	115	142	10
Rollers and finishers, metal	1 647	102	303	17	223	–	1 460	88	171	14	16	–
Roofers and slaters	2 603	23	217	–	75	–	2 206	19	351	4	46	–
Sheetmetal workers and tinsmiths	9 025	89	217	10	175	7	7 918	81	998	8	109	–
Shipfitters	40	–	–	–	–	–	19	–	16	–	5	–
Shoe repairmen	1 092	346	243	11	41	19	1 004	211	84	96	4	39
Sign painters and letterers	953	54	32	–	58	–	856	49	87	5	10	–
Stationary engineers	12 118	114	579	20	108	5	9 753	103	1 998	11	367	–
Stone cutters and stone carvers	250	38	27	5	14	–	202	38	48	–	–	–
Structural metal craftsmen	4 887	15	164	–	127	–	3 995	15	793	–	99	–
Tailors	2 492	861	205	88	139	42	2 420	790	57	53	15	18
Telephone installers and repairmen	13 305	625	1 043	114	291	50	11 474	582	1 640	43	191	–
Telephone linemen and splicers	2 106	61	141	15	14	–	1 659	58	436	3	11	–
Tile setters	1 374	5	27	–	6	–	1 203	5	146	–	25	–
Tool and die makers	17 186	425	352	56	381	12	15 168	394	1 869	25	149	6
Upholsterers	2 203	387	328	86	124	6	1 928	252	262	105	13	30
Craftsmen and kindred workers, n.e.c	3 980	471	274	30	133	5	3 427	324	488	105	65	42
Former members of the Armed Forces	...	...	...	...	...	...	...	...	...	...	...	...
Craftsmen and kindred workers—allocated	40 506	2 183	5 612	597	926	78	34 917	1 846	4 977	284	612	53

Table 171. Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Operatives, except transport	**398 374**	**238 983**	**61 075**	**39 524**	**28 360**	**17 019**	**326 592**	**201 746**	**61 991**	**31 571**	**9 791**	**5 666**
Asbestos and insulation workers	1 192	11	37	–	–	10	956	11	231	–	5	–
Assemblers	34 779	42 726	4 758	5 016	3 502	4 065	28 650	36 189	5 097	5 728	1 032	809
Blasters and powdermen	289	10	5	–	7	–	108	5	161	5	20	–
Bottling and canning operatives	1 637	920	234	110	112	14	1 426	770	169	129	42	21
Chainmen, rodmen, and axmen; surveying	287	–	12	–	9	–	213	–	51	–	23	–
Checkers, examiners, and inspectors; manufacturing	27 830	23 852	3 015	2 838	1 369	1 155	23 631	20 274	3 752	3 066	447	512
Clothing ironers and pressers	1 795	5 349	787	2 210	130	178	1 640	4 538	133	682	22	129
Cutting operatives, n.e.c.	9 195	2 048	1 649	326	798	142	8 023	1 695	1 017	294	155	59
Dressmakers and seamstresses, except factory	257	4 832	44	463	5	141	257	4 306	–	454	–	72
Drillers, earth	2 908	379	191	43	57	20	1 640	294	1 098	78	170	7
Dry wall installers and lathers	1 819	17	115	–	51	7	1 526	12	259	5	34	–
Dyers	189	35	48	–	21	–	154	24	35	11	–	–
Filers, polishers, sanders, and buffers	5 142	1 392	696	202	405	75	4 289	1 135	725	223	128	34
Furnacemen, smeltermen, and pourers	4 305	275	1 582	53	302	15	3 733	218	473	52	99	5
Garage workers and gas station attendants	19 968	381	1 743	63	373	7	15 205	229	4 131	127	632	25
Graders and sorters, manufacturing	615	885	145	197	74	59	472	686	106	161	37	38
Produce graders and packers, except factory and farm	101	185	10	28	6	13	71	121	25	53	5	11
Heaters, metal	560	16	103	4	33	–	451	9	89	7	20	–
Laundry and drycleaning operatives, n.e.c	3 513	6 245	943	1 977	145	229	3 195	5 293	280	776	38	176
Meat cutters and butchers, except manufacturing	13 260	488	1 348	82	531	21	11 228	390	1 841	82	191	16
Meat cutters and butchers, manufacturing	3 343	516	852	89	321	32	2 616	398	630	112	97	6
Meat wrappers, retail trade	205	969	13	46	30	18	170	729	35	175	–	65
Metal platers	2 262	254	513	48	238	6	1 982	176	242	55	38	23
Milliners	5	70	–	10	–	–	5	70	–	–	–	–
Mine operatives, n.e.c	4 905	167	94	7	26	7	1 876	133	2 689	29	340	5
Mixing operatives	4 619	148	1 063	42	289	7	3 661	132	760	16	198	–
Oilers and greasers, except auto	2 516	132	438	14	97	21	1 896	118	528	9	92	5
Packers and wrappers, except meat and produce	15 408	27 066	3 215	4 646	1 996	2 301	13 455	23 949	1 686	2 658	267	459
Painters, manufactured articles	6 402	1 065	1 032	208	641	132	5 275	888	967	167	160	10
Photographic process workers	1 935	1 763	153	143	85	47	1 813	1 604	111	133	11	26
Precision machine operatives	31 960	4 228	2 509	389	1 653	288	26 840	3 720	4 419	452	701	56
Drill press operatives	5 448	1 909	504	185	370	170	4 572	1 717	739	182	137	10
Grinding machine operatives	9 444	719	1 008	73	530	21	7 963	632	1 269	78	212	9
Lathe and milling machine operatives	11 709	839	725	82	517	23	9 760	690	1 716	129	233	20
Precision machine operatives, n.e.c.	5 359	761	272	49	236	74	4 545	681	695	63	119	17
Punch and stamping press operatives	11 764	6 917	1 500	917	1 895	804	10 055	6 046	1 459	816	250	55
Riveters and fasteners	668	997	109	52	30	51	549	713	95	224	24	60
Sailors and deckhands	357	25	5	3	–	6	178	21	144	4	35	–
Sawyers	2 210	412	254	43	197	16	1 525	272	581	125	104	15
Sewers and stitchers	1 406	19 372	273	2 797	135	1 393	1 221	14 749	130	3 644	55	979
Shoemaking machine operatives	636	1 657	26	53	20	73	345	866	236	647	55	144
Solderers	752	5 066	150	724	209	706	670	4 543	77	442	5	81
Stationary firemen	5 385	144	616	24	88	–	4 330	112	894	32	161	–
Textile operatives	746	908	193	74	79	60	687	699	55	172	4	37
Carding, lapping, and combing operatives	11	4	–	–	–	–	5	4	6	–	–	–
Knitters, loopers, and toppers	28	46	–	9	8	7	28	41	–	5	–	–
Spinners, twisters, and winders	77	247	11	18	–	5	67	179	10	62	–	6
Weavers	50	67	–	6	8	–	29	44	17	23	4	–
Textile operatives, n.e.c	580	544	182	41	63	48	558	431	22	82	–	31
Welders and flamecutters	31 952	2 699	3 830	430	2 250	301	24 175	2 155	6 749	466	1 028	78
Winding operatives, n.e.c	1 538	3 571	204	403	170	247	1 281	3 019	239	488	18	64
Miscellaneous and not specified operatives	106 202	49 034	17 659	8 679	8 719	3 497	87 385	41 251	16 258	6 653	2 559	1 130
Occupation:												
Machine operatives, miscellaneous specified	43 025	19 137	7 038	3 129	3 252	1 306	35 336	15 917	6 599	2 697	1 090	523
Machine operatives, not specified	27 248	13 657	5 391	2 959	3 104	1 200	22 664	11 872	3 958	1 582	626	203
Miscellaneous operatives	23 361	10 751	3 615	1 950	1 445	665	19 496	8 875	3 360	1 595	505	281
Not specified operatives	12 568	5 489	1 615	641	918	326	9 889	4 587	2 341	779	338	123
Industry:												
Manufacturing	92 855	44 914	15 358	7 636	8 013	3 378	76 373	37 655	14 309	6 228	2 173	1 031
Durable goods	57 551	24 847	9 185	3 568	4 939	2 062	47 241	20 465	8 984	3 877	1 326	505
Lumber and wood products, except furniture	911	392	115	82	107	76	646	338	224	54	41	–
Furniture and fixtures	1 249	470	285	97	161	35	1 078	357	154	83	17	30
Stone, clay, and glass products	4 336	1 156	417	153	160	100	2 958	865	1 185	251	193	40
Primary metal industries	13 163	1 026	3 132	204	1 166	48	11 232	869	1 700	144	231	13
Blast furnaces, steel works, and rolling and finishing mills	6 436	253	1 725	94	611	–	5 696	232	669	21	71	–
Fabricated metal industries, including not specified metal	8 820	3 329	1 433	494	987	288	7 632	2 817	1 055	476	133	36
Machinery, except electrical	13 775	2 224	1 154	238	771	159	10 655	1 847	2 654	345	466	32
Electrical machinery, equipment, and supplies	7 373	10 670	1 297	1 497	853	838	6 497	8 824	792	1 599	84	247
Transportation equipment	2 976	744	718	146	239	69	2 382	583	535	134	59	27
Motor vehicles and motor vehicle equipment	1 894	506	483	99	104	44	1 440	396	404	92	50	18
Professional and photographic equipment, and watches	1 192	1 568	127	130	124	143	1 131	1 285	51	261	10	22
Ordnance	742	510	58	39	18	6	476	317	251	188	15	5
Miscellaneous manufacturing industries	2 630	2 630	400	470	309	300	2 238	2 258	321	319	71	53
Durable goods—allocated	384	128	49	18	44	–	316	105	62	23	6	–
Nondurable goods	34 373	19 529	5 905	3 857	2 975	1 284	28 365	16 737	5 182	2 276	826	516
Food and kindred products	10 054	4 252	2 083	1 055	931	185	8 306	3 727	1 522	393	226	132
Tobacco manufactures	66	46	39	13	–	–	66	46	–	–	–	–
Apparel and other fabricated textile products	505	1 585	99	280	36	158	422	1 221	68	305	15	59
Paper and allied products	5 248	3 152	958	552	743	239	4 477	2 820	646	286	125	46
Printing, publishing, and allied industries	4 943	3 350	568	710	253	167	4 391	2 959	450	293	102	98
Chemicals and allied products	5 649	2 055	986	363	362	105	4 380	1 716	1 109	300	160	39
Petroleum and coal products	1 816	76	198	15	44	–	1 454	59	318	17	44	–
Rubber and miscellaneous plastic products	5 210	4 059	703	775	493	390	4 113	3 593	946	393	151	73
Leather and leather products	741	890	261	89	99	40	649	538	92	283	–	69
Nondurable goods—allocated	141	64	10	5	14	–	107	58	31	6	3	–
Not specified manufacturing industries	931	538	268	211	99	32	767	453	143	75	21	10
Nonmanufacturing industries	13 347	4 120	2 301	1 043	706	119	11 012	3 596	1 949	425	386	99
Construction	1 079	38	115	8	50	–	804	27	238	11	37	–
Transportation, communications, and other public utilities	3 886	168	565	27	241	–	3 327	137	519	25	40	6
Wholesale and retail trade	4 739	2 216	947	553	271	69	3 890	1 962	712	191	137	63
Business and repair services	1 741	427	311	133	78	32	1 446	382	237	45	58	–
Public administration	410	93	116	53	–	–	309	83	77	10	24	–
All other industries	1 492	1 178	247	269	66	18	1 236	1 005	166	143	90	30
Operatives, except transport—allocated	31 557	21 757	8 909	6 071	1 262	855	27 734	19 184	3 334	2 119	489	454

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport equipment operatives	**169 757**	**6 337**	**26 514**	**554**	**4 331**	**92**	**139 013**	**4 594**	**26 256**	**1 319**	**4 488**	**424**
Boatmen and canalmen	52	–	–	–	–	–	36	–	16	–	–	–
Bus drivers	10 781	2 966	4 461	145	225	28	9 394	1 883	1 109	760	278	323
Conductors and motormen, urban rail transit	702	26	424	14	28	–	697	21	5	5	–	–
Deliverymen and routemen	36 309	912	3 032	86	759	14	30 828	785	4 678	101	803	26
Fork lift and tow motor operatives	12 911	335	3 062	62	679	17	10 473	251	2 059	63	379	21
Motormen; mine, factory, logging camp, etc	229	5	47	–	–	–	190	5	33	–	6	–
Parking attendants	1 868	68	775	23	72	–	1 784	62	72	6	12	–
Railroad brakemen	2 104	33	177	5	40	–	1 650	33	401	–	53	–
Railroad switchmen	7 444	135	713	16	156	24	6 426	111	917	19	101	5
Taxicab drivers and chauffeurs	9 631	547	2 963	91	474	–	9 231	445	354	99	46	3
Truck drivers	73 857	879	7 372	96	1 583	9	56 392	671	14 951	185	2 514	23
Transport equipment operatives—allocated	13 869	431	3 488	16	315	–	11 912	327	1 661	81	296	23
Laborers, except farm	**171 758**	**19 442**	**29 742**	**4 601**	**8 337**	**893**	**142 213**	**16 457**	**24 891**	**2 607**	**4 654**	**378**
Animal caretakers, except farm	1 268	693	78	5	20	7	883	521	286	146	99	26
Carpenters' helpers	1 139	50	155	4	52	–	819	44	264	6	56	–
Construction laborers, except carpenters' helpers	24 444	421	3 923	74	744	5	17 267	277	5 728	82	1 449	62
Fishermen and oystermen	254	24	6	6	4	7	82	19	150	5	22	–
Freight and material handlers	37 678	3 243	6 881	1 234	2 114	147	32 115	2 843	4 662	341	901	59
Garbage collectors	3 141	35	724	15	46	–	2 821	24	313	11	7	–
Gardeners and groundskeepers, except farm	10 217	302	860	42	504	24	8 056	217	1 840	77	321	8
Longshoremen and stevedores	635	26	325	10	46	–	590	26	45	–	–	–
Lumbermen, raftsmen, and woodchoppers	660	66	42	17	12	–	269	50	331	16	60	–
Stock handlers	36 783	8 685	3 582	1 683	1 256	282	32 939	7 522	3 312	1 024	532	139
Teamsters	185	14	40	–	–	–	130	10	49	4	6	–
Vehicle washers and equipment cleaners	6 064	691	1 657	254	237	67	5 276	614	669	67	119	10
Warehousemen, n.e.c	2 924	104	301	12	91	20	2 516	95	381	9	27	–
Miscellaneous and not specified laborers	29 368	3 357	6 124	597	2 471	294	23 410	2 641	5 192	652	766	64
Occupation:												
Miscellaneous laborers	10 600	803	2 300	155	957	51	8 427	671	1 943	109	230	23
Not specified laborers	18 768	2 554	3 824	442	1 514	243	14 983	1 970	3 249	543	536	41
Industry:												
Manufacturing	16 337	2 359	3 785	394	1 688	259	13 474	1 839	2 497	474	366	46
Durable goods	11 977	1 520	2 863	229	1 363	179	9 876	1 176	1 861	331	240	13
Lumber and wood products, except furniture	185	24	44	9	8	7	105	19	68	5	12	–
Furniture and fixtures	228	56	51	12	37	–	183	35	41	21	4	–
Stone, clay, and glass products	891	94	113	–	90	–	646	57	222	32	23	5
Primary metal industries	5 670	129	1 826	17	731	31	4 978	106	633	23	59	–
Blast furnaces, steel works, and rolling and finishing mills	3 707	70	1 136	17	580	13	3 350	62	336	8	21	–
Fabricated metal industries, including not specified metal	1 324	351	233	86	150	28	1 106	284	198	63	20	4
Machinery, except electrical	1 623	169	250	22	79	11	1 207	135	352	34	64	–
Electrical machinery, equipment, and supplies	793	399	105	32	117	61	632	307	127	88	34	4
Transportation equipment	636	48	167	11	91	–	537	24	75	24	24	–
Motor vehicles and motor vehicle equipment	370	34	118	6	70	–	301	14	52	20	17	–
Professional and photographic equipment, and watches	55	72	–	5	18	20	50	45	5	27	–	–
Ordnance	155	45	5	5	9	–	84	40	71	5	–	–
Miscellaneous manufacturing industries	300	125	36	30	22	21	246	120	54	5	–	–
Durable goods—allocated	117	8	33	–	11	–	102	4	15	4	–	–
Nondurable goods	4 168	811	824	161	311	80	3 429	639	613	139	126	33
Food and kindred products	2 064	242	440	58	135	26	1 703	173	306	69	55	–
Tobacco manufactures	9	–	–	–	–	–	9	–	–	–	–	–
Textile mill products	50	26	6	5	7	–	39	16	11	10	–	–
Apparel and other fabricated textile products	42	40	10	5	6	–	38	26	4	14	–	–
Paper and allied products	299	83	32	20	48	5	259	78	36	5	4	–
Printing, publishing, and allied industries	339	93	63	12	19	6	277	86	49	–	13	7
Chemicals and allied products	661	139	161	31	44	–	559	112	89	16	13	11
Petroleum and coal products	246	9	35	4	14	–	187	9	49	–	10	–
Rubber and miscellaneous plastic products	336	128	40	20	32	28	246	112	59	16	31	–
Leather and leather products	46	47	27	6	6	15	42	27	4	5	–	15
Nondurable goods—allocated	76	4	10	–	–	–	70	–	6	4	–	–
Not specified manufacturing industries	192	28	98	4	14	–	169	24	23	4	–	–
Nonmanufacturing industries	13 031	998	2 339	203	783	35	9 936	802	2 695	178	400	18
Transportation, communications, and other public utilities	5 497	170	1 174	52	439	–	4 185	126	1 186	44	126	–
Wholesale and retail trade	3 682	358	597	76	185	20	2 759	274	793	71	130	13
Business and repair services	1 016	79	147	23	93	–	915	79	85	–	16	–
Public administration	542	36	111	11	20	–	411	24	109	12	22	–
All other industries	2 294	355	310	41	46	15	1 666	299	522	51	106	5
Laborers, except farm—allocated	16 998	1 731	5 044	648	740	40	15 040	1 554	1 669	167	289	10
Farmers and farm managers	**76 175**	**2 544**	**434**	**248**	**99**	–	**3 636**	**479**	**8 238**	**259**	**64 301**	**1 806**
Farmers, owners and tenants	70 202	2 070	23	4	37	–	2 277	176	6 717	193	61 208	1 701
Farm managers	1 789	71	16	–	8	–	312	19	396	15	1 081	37
Farmers and farm managers—allocated	4 184	403	395	244	54	–	1 047	284	1 125	51	2 012	68
Farm laborers and farm foremen	**22 248**	**2 998**	**767**	**446**	**542**	**56**	**4 657**	**1 032**	**8 601**	**579**	**8 990**	**1 387**
Farm foremen	410	32	10	–	21	7	167	29	163	–	80	3
Farm laborers, wage workers	17 624	1 296	263	47	521	43	3 326	460	7 674	480	6 624	356
Farm laborers, unpaid family workers	2 321	1 076	5	5	–	–	139	66	222	46	1 960	964
Farm service laborers, self-employed	66	24	–	3	–	6	31	15	25	9	10	–
Farm laborers and farm foremen—allocated	1 827	570	489	391	–	–	994	462	517	44	316	64

Table 171. Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Service workers, except private household	**228 495**	**258 752**	**41 270**	**41 709**	**7 915**	**4 754**	**203 289**	**211 030**	**22 326**	**39 831**	**2 880**	**7 891**
Cleaning service workers	79 703	30 687	17 587	8 564	2 880	803	68 931	26 227	9 513	3 808	1 259	652
Chambermaids and maids, except private household	386	7 411	201	3 095	16	109	374	6 281	5	921	7	209
Cleaners and charwomen	7 838	12 684	2 720	3 444	355	376	7 129	10 926	614	1 470	95	288
Janitors and sextons	71 479	10 592	14 666	2 025	2 509	318	61 428	9 020	8 894	1 417	1 157	155
Food service workers	50 673	102 656	6 911	9 146	3 154	1 629	45 996	80 768	4 175	18 115	502	3 773
Bartenders	11 700	2 417	790	67	345	55	10 277	1 682	1 313	710	110	25
Busboys	5 159	666	441	112	403	21	4 583	594	522	47	54	25
Cooks, except private household	17 684	26 042	3 134	3 268	1 057	260	16 409	17 645	1 149	6 756	126	1 641
Dishwashers	5 175	3 760	754	384	469	87	4 667	2 926	467	704	41	130
Food counter and fountain workers	1 458	5 132	79	372	39	69	1 371	4 658	82	417	5	57
Waiters	5 307	50 435	1 072	2 443	512	818	4 886	40 924	334	7 973	87	1 538
Food service workers, n.e.c., except private household	4 190	14 204	641	2 500	329	319	3 803	12 339	308	1 508	79	357
Health service workers	5 174	55 188	1 205	12 399	148	996	4 349	44 866	714	8 459	111	1 863
Dental assistants	74	4 103	–	201	–	61	52	3 635	18	389	4	79
Health aides, except nursing	901	5 472	141	829	40	127	807	4 662	88	649	6	161
Health trainees	68	882	14	89	–	14	54	828	10	44	4	10
Lay midwives	–	15	–	10	–	–	–	15	–	–	–	–
Nursing aides, orderlies, and attendants	3 889	33 780	988	8 154	108	562	3 232	26 539	560	5 938	97	1 303
Practical nurses	242	10 936	62	3 116	–	232	204	9 187	38	1 439	–	310
Personal service workers	20 665	42 123	3 135	4 796	603	854	18 123	34 985	2 329	6 136	213	1 002
Airline stewardesses	68	2 852	14	95	–	69	68	2 813	–	29	–	10
Attendants, recreation and amusement	2 035	609	214	48	46	13	1 808	559	222	41	5	9
Attendants, personal service, n.e.c	1 325	2 342	380	493	51	51	1 238	2 200	72	115	15	27
Baggage porters and bellhops	912	20	435	5	46	–	880	20	23	–	9	–
Barbers	8 482	305	871	121	223	5	7 060	274	1 316	31	106	–
Boarding and lodging house keepers	71	220	–	30	–	6	56	172	11	48	4	–
Bootblacks	98	23	65	–	–	–	98	23	–	–	–	–
Child care workers, except private household	701	5 724	67	869	10	119	452	4 652	226	947	23	125
Elevator operators	2 283	621	576	298	80	–	2 135	585	124	36	24	–
Hairdressers and cosmetologists	2 514	24 199	147	1 930	64	516	2 285	19 179	219	4 295	10	725
Housekeepers, except private household	1 183	3 221	201	474	70	32	1 094	2 730	79	417	10	74
School monitors	136	1 244	10	52	–	–	129	1 073	–	147	7	24
Ushers, recreation and amusement	711	179	74	23	13	–	684	179	27	–	–	–
Welfare service aides	146	564	81	358	–	43	136	526	10	30	–	8
Protective service workers	52 551	3 809	6 182	696	661	37	47 726	3 642	4 271	151	554	16
Crossing guards and bridge tenders	1 223	2 020	90	345	19	28	1 021	1 975	191	45	11	–
Firemen, fire protection	8 387	57	262	–	29	6	8 097	47	257	6	33	4
Guards and watchmen	18 137	911	2 938	176	265	–	15 655	837	2 141	68	341	6
Marshals and constables	69	–	6	–	–	–	33	–	36	–	–	–
Policemen and detectives	23 443	679	2 765	149	319	–	21 856	659	1 457	14	130	6
Sheriffs and bailiffs	1 292	142	121	26	29	3	1 064	124	189	18	39	–
Service workers, except private household—allocated	19 729	24 289	6 250	6 108	469	435	18 164	20 542	1 324	3 162	241	585
Private household workers	**1 343**	**35 148**	**716**	**12 448**	**32**	**467**	**1 249**	**28 566**	**61**	**5 209**	**33**	**1 373**
Occupation:												
Child care workers, private household	124	7 839	32	725	–	71	108	5 904	10	1 606	6	329
Cooks, private household	25	919	19	262	–	34	25	770	–	98	–	51
Housekeepers, private household	60	3 156	30	1 045	19	56	60	2 486	–	512	–	158
Laundresses, private household	4	587	–	157	–	–	4	470	–	103	–	14
Maids and servants, private household	868	17 973	401	7 299	13	227	795	14 702	46	2 514	27	757
Private household workers—allocated	262	4 674	234	2 960	–	79	257	4 234	5	376	–	64
Living arrangement:												
Living in	93	3 174	29	857	19	154	85	2 777	–	265	8	132
Living out	1 250	31 974	687	11 591	13	313	1 164	25 789	61	4 944	25	1 241

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas									
	Chicago		Davenport–Rock Island–Moline, Iowa–Ill.		Peoria		Rockford		St. Louis, Mo.–Ill.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	**1 754 568**	**1 097 449**	**89 539**	**50 387**	**87 146**	**47 355**	**70 408**	**41 460**	**553 713**	**344 324**
Professional, technical, and kindred workers	**266 905**	**161 772**	**11 592**	**7 706**	**11 225**	**7 398**	**8 821**	**5 456**	**82 147**	**54 104**
Accountants	25 988	7 273	954	381	726	274	565	178	7 306	2 712
Architects	2 720	84	47	–	102	7	40	–	735	18
Computer specialists	9 326	2 475	321	91	427	61	230	35	3 084	841
Computer programers	5 468	1 796	169	53	171	40	152	30	1 957	578
Computer systems analysts	3 355	590	142	38	241	21	64	5	988	234
Computer specialists, n.e.c	503	89	10	–	15	–	14	–	139	29
Engineers	49 362	660	2 737	12	2 464	30	2 391	13	17 564	326
Aeronautical and astronautical	101	–	4	–	–	–	144	–	2 892	68
Chemical	1 920	26	11	–	86	–	27	–	1 013	9
Civil	5 988	75	279	–	332	4	84	–	1 907	13
Electrical and electronic	11 860	134	314	–	255	–	342	–	3 840	57
Industrial	8 307	228	691	8	289	–	407	–	2 359	115
Mechanical	7 529	48	619	4	559	13	611	13	2 172	24
Metallurgical and materials	704	5	84	–	41	–	40	–	204	–
Mining	43	–	–	–	6	–	–	–	21	–
Petroleum	75	9	–	–	4	–	–	–	8	4
Sales	3 953	26	195	–	162	–	263	–	930	10
Engineers, n.e.c	8 882	109	540	–	730	13	473	–	2 218	26
Farm management advisors	–	5	–	–	–	–	–	–	11	–
Foresters and conservationists	258	5	–	–	13	–	16	–	63	5
Home management advisors	–	196	–	–	–	8	–	5	–	49
Lawyers and judges	12 776	624	349	15	351	14	164	11	2 766	89
Judges	317	17	18	5	25	–	9	–	94	5
Lawyers	12 459	607	331	10	326	14	155	11	2 672	84
Librarians, archivists, and curators	1 029	3 489	33	165	41	142	–	71	274	1 013
Librarians	816	3 455	33	156	36	142	–	71	213	994
Archivists and curators	213	34	–	9	5	–	–	–	61	19
Mathematical specialists	1 099	612	47	8	19	–	12	6	223	101
Actuaries	280	67	–	–	–	–	8	–	44	19
Mathematicians	161	31	29	4	–	–	–	–	27	10
Statisticians	658	514	18	4	19	–	4	6	152	72
Life and physical scientists	6 753	1 425	189	9	283	40	90	15	1 774	284
Agricultural	189	7	–	4	13	–	8	–	29	–
Atmospheric and space	104	22	5	–	3	–	–	–	68	5
Biological	558	479	–	–	32	15	9	6	134	98
Chemists	5 182	876	164	–	229	25	73	9	1 330	181
Geologists	81	7	5	–	–	–	–	–	45	–
Marine	11	5	–	5	–	–	–	–	46	–
Physicists and astronomers	589	4	11	–	6	–	–	–	93	–
Life and physical, n.e.c	39	25	4	–	–	–	–	–	29	–
Operations and systems researchers and analysts	3 020	339	231	29	130	–	92	9	1 419	118
Personnel and labor relations workers	10 161	4 526	449	135	381	92	354	121	2 405	1 140
Physicians, dentists, and related practitioners	19 123	2 273	764	39	748	53	612	43	5 868	521
Chiropractors	268	14	41	5	22	5	19	–	268	22
Dentists	3 430	96	157	4	99	–	182	–	878	59
Optometrists	843	51	31	–	39	–	10	–	147	–
Pharmacists	3 953	643	126	8	198	37	96	23	1 286	143
Physicians, medical and osteopathic	9 889	1 368	345	13	349	11	272	14	3 134	287
Podiatrists	289	28	22	5	16	–	22	–	35	–
Veterinarians	432	38	42	4	25	–	11	6	115	10
Health practitioners, n.e.c	19	35	–	–	–	–	–	–	5	–
Registered nurses, dietitians, and therapists	1 558	30 232	52	1 759	74	1 780	37	1 345	402	10 006
Dietitians	136	1 228	–	58	–	60	7	37	72	456
Registered nurses	555	26 900	19	1 502	24	1 598	–	1 231	178	8 939
Therapists	867	2 104	33	199	50	122	30	77	152	611
Health technologists and technicians	2 828	6 733	106	310	122	306	56	186	975	2 245
Clinical laboratory technologists and technicians	1 211	3 745	56	115	30	132	26	85	344	1 109
Dental hygienists	5	301	3	28	–	16	–	28	11	79
Health record technologists and technicians	28	391	–	5	7	13	–	20	8	148
Radiologic technologists and technicians	785	1 175	19	80	10	86	21	40	214	406
Therapy assistants	17	104	–	6	5	–	–	4	12	33
Health technologists and technicians, n.e.c	782	1 017	28	76	70	59	9	9	386	470
Religious workers	6 030	881	394	39	419	31	285	5	2 585	322
Clergymen	5 423	144	376	–	409	10	272	–	2 344	57
Religious workers, n.e.c	607	737	18	39	10	21	13	5	241	265
Social scientists	4 405	1 001	133	5	171	12	85	37	976	277
Economists	3 373	397	101	–	116	–	54	6	626	57
Political scientists	13	–	–	–	–	–	–	7	–	–
Psychologists	731	475	19	–	55	12	31	24	229	183
Sociologists	27	31	6	–	–	–	–	–	5	6
Urban and regional planners	218	43	7	5	–	–	–	–	92	13
Social scientists, n.e.c	43	55	–	–	–	–	–	–	24	18
Social and recreation workers	3 845	5 449	146	160	109	215	97	128	1 133	2 270
Social	2 735	4 870	110	124	75	186	67	104	880	2 068
Recreation	1 110	579	36	36	34	29	30	24	253	202
Teachers, college and university	8 114	3 626	411	199	479	202	144	38	3 094	1 312
Biology	383	173	18	15	21	–	16	–	148	48
Chemistry	327	51	27	5	16	8	11	–	138	14
Engineering	213	11	5	5	21	–	–	–	66	18
Physics	285	25	15	–	10	–	5	–	145	12
Other life and physical sciences	68	5	–	–	9	–	–	–	29	–
Mathematics	487	146	20	–	39	–	11	–	157	52
Economics	181	17	12	–	11	–	6	–	94	–
English	442	403	19	37	24	45	14	–	168	149
History	343	70	10	–	9	–	5	–	107	47
Miscellaneous social sciences	590	192	42	5	21	–	–	5	274	126
Other specified teachers	2 243	1 389	137	75	166	105	45	28	1 047	526
Not specified teachers	2 552	1 144	106	57	132	44	31	5	721	320

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas									
	Chicago		Davenport–Rock Island–Moline, Iowa–Ill.		Peoria		Rockford		St. Louis, Mo.–Ill.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Professional, technical, and kindred workers—Continued										
Teachers, except college and university	26 746	62 654	1 461	3 437	1 422	3 142	1 034	2 567	8 404	22 920
Adult education	672	713	21	64	30	18	14	22	267	307
Elementary school	7 916	38 944	346	2 050	399	2 016	242	1 661	2 471	14 777
Prekindergarten and kindergarten	44	3 988	–	237	5	120	–	160	20	1 302
Secondary school	16 505	15 697	1 035	887	885	776	738	590	5 124	5 362
Teachers, except college and university, n.e.c	1 609	3 312	59	199	103	212	40	134	522	1 172
Engineering and science technicians	23 186	3 200	1 300	108	1 168	106	1 190	135	9 148	1 114
Agriculture and biological, except health	583	529	22	19	44	26	28	11	386	70
Chemical	1 506	325	36	4	29	14	42	12	845	186
Draftsmen	11 594	814	677	29	617	18	710	34	4 466	445
Electrical and electronic engineering	3 977	253	142	6	73	6	118	5	1 108	109
Industrial engineering	527	76	37	11	71	–	26	12	243	32
Mechanical engineering	339	19	11	–	52	4	32	6	179	21
Mathematical	15	–	–	–	–	–	–	–	7	–
Surveyors	765	57	76	–	52	–	15	–	410	4
Engineering and science, n.e.c	3 880	1 127	299	39	230	38	219	55	1 504	247
Technicians, except health, and engineering and science	4 944	553	132	32	88	63	124	15	1 193	202
Airplane pilots	2 401	27	28	–	27	–	59	–	319	17
Air traffic controllers	909	49	42	5	9	–	15	–	185	40
Embalmers	109	10	–	5	9	–	–	–	75	8
Flight engineers	267	–	–	–	–	–	–	–	36	–
Radio operators	658	242	31	17	33	42	10	15	222	54
Tool programers, numerical control	87	49	18	–	–	–	40	–	60	5
Technicians, n.e.c	513	176	13	5	10	21	–	–	296	78
Vocational and educational counselors	1 742	1 444	132	103	134	113	67	40	628	521
Writers, artists, and entertainers	24 222	10 370	711	312	706	307	629	197	5 706	2 253
Actors	159	153	–	–	–	–	4	4	25	10
Athletes and kindred workers	848	450	42	27	35	20	39	13	350	167
Authors	356	240	29	–	6	12	15	8	302	37
Dancers	59	160	–	–	–	–	–	14	6	11
Designers	4 433	1 002	126	20	91	25	76	21	794	184
Editors and reporters	4 519	3 594	152	82	148	93	105	46	1 019	481
Musicians and composers	2 083	1 145	59	83	26	65	53	19	469	347
Painters and sculptors	4 450	1 655	52	51	118	42	88	24	727	462
Photographers	2 713	271	68	29	75	14	126	5	757	64
Public relations men and publicity writers	2 552	1 023	84	12	84	24	49	15	631	299
Radio and television announcers	276	38	28	4	44	–	30	5	150	12
Writers, artists, and entertainers, n.e.c	1 774	639	71	4	79	12	44	23	476	179
Research workers, not specified	3 222	1 275	24	15	82	13	31	6	820	299
Professional, technical, and kindred workers—allocated	14 448	10 368	469	343	566	387	476	250	3 591	3 146
Managers and administrators, except farm	**193 315**	**32 724**	**8 608**	**1 557**	**8 154**	**1 287**	**6 841**	**919**	**59 119**	**10 480**
Assessors, controllers, and treasurers; local public administration	251	73	56	25	9	5	10	–	153	43
Bank officers and financial managers	9 390	2 214	433	67	413	48	307	36	2 529	471
Buyers and shippers, farm products	189	–	66	–	54	–	18	–	192	–
Buyers, wholesale and retail trade	6 981	2 169	243	80	259	123	154	60	1 318	415
Credit men	2 238	684	110	43	64	14	61	52	629	154
Funeral directors	1 048	43	80	–	71	–	48	5	278	62
Health administrators	1 551	1 012	30	54	60	95	70	40	352	404
Construction inspectors; public administration	570	5	27	–	15	–	24	–	237	12
Inspectors, except construction; public administration	2 061	170	109	9	49	–	72	4	701	53
Federal public administration and postal service	1 347	146	77	4	29	–	39	4	491	40
State public administration	400	11	15	–	15	–	4	–	115	13
Local public administration	314	13	17	5	5	–	29	–	95	–
Managers and superintendents, building	1 586	777	75	36	37	11	48	15	423	232
Officers, pilots, and pursers; ship	104	5	9	–	–	–	–	–	102	8
Officials and administrators; public administration, n.e.c	4 107	1 174	338	88	135	49	94	24	2 219	634
Federal public administration and postal service	2 144	606	260	50	29	–	18	9	1 498	385
State public administration	560	145	10	5	36	14	17	–	194	44
Local public administration	1 403	423	68	33	70	35	59	15	527	205
Officials of lodges, societies, and unions	1 838	336	109	5	86	13	75	16	704	88
Postmasters and mail superintendents	348	37	34	33	24	–	22	5	185	29
Purchasing agents and buyers, n.e.c	6 591	1 171	291	78	262	9	312	54	1 821	351
Railroad conductors	1 102	28	19	–	85	–	19	–	210	7
Restaurant, cafeteria, and bar managers	7 092	2 254	405	197	272	167	202	86	2 095	1 041
Sales managers and department heads, retail trade	6 229	1 851	290	89	224	67	198	87	2 004	595
Sales managers, except retail trade	13 714	496	488	11	480	–	393	11	3 884	79
School administrators, college	880	306	49	9	24	20	10	7	280	157
School administrators, elementary and secondary	3 229	1 940	216	56	281	58	117	76	1 271	501
Managers and administrators, n.e.c., salaried	98 673	12 341	3 885	455	3 964	448	3 538	223	29 073	3 441
Construction	7 118	165	353	4	358	14	255	–	2 396	69
Manufacturing	34 899	2 128	1 281	60	1 228	38	1 485	40	8 596	497
Transportation	6 250	1 024	194	6	182	32	138	8	2 103	181
Communications, and utilities and sanitary services	3 109	424	189	41	190	11	118	9	948	112
Wholesale trade	9 132	645	370	24	409	24	378	8	3 567	187
Retail trade	16 661	3 043	884	100	861	169	637	73	5 833	1 054
Hardware, farm equipment, and building material retailing	904	42	90	9	85	6	18	–	449	16
General merchandise stores	3 193	955	130	22	144	49	126	26	844	267
Food stores	3 830	615	146	15	234	39	159	10	1 173	208
Motor vehicles and accessories retailing	2 108	115	181	19	107	6	64	10	943	60
Gasoline service stations	1 155	23	84	3	61	–	56	–	568	19
Apparel and accessories stores	1 426	527	54	11	26	27	36	5	588	262
Furniture, home furnishings, and equipment stores	1 046	136	53	–	55	10	81	–	491	42
Other retail trade	2 999	630	146	21	149	32	97	22	777	180
Finance, insurance, and real estate	6 695	1 035	184	66	240	27	182	16	1 803	300
Business and repair services	6 608	1 167	122	18	144	16	109	19	1 336	160
Personal services	2 428	809	107	59	98	39	106	21	811	314
All other industries	5 773	1 901	201	77	254	78	130	29	1 680	567

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas									
	Chicago		Davenport–Rock Island–Moline, Iowa–Ill.		Peoria		Rockford		St. Louis, Mo.–Ill.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Managers and administrators, except farm—Continued										
Managers and administrators, n.e.c., self-employed	15 207	2 171	974	167	931	121	764	87	6 256	1 229
Construction	2 286	32	184	–	139	–	150	–	987	37
Manufacturing	1 756	155	60	–	41	7	79	–	402	62
Transportation	280	31	26	6	33	4	5	4	202	16
Communications, and utilities and sanitary services	52	5	4	–	–	–	–	–	11	4
Wholesale trade	1 282	129	74	5	71	5	84	–	548	52
Retail trade	5 943	1 138	452	91	493	63	273	49	2 677	654
Hardware, farm equipment, and building material retailing	430	24	44	8	66	–	26	–	210	15
General merchandise stores	313	69	13	14	31	4	7	–	144	38
Food stores	1 795	431	73	30	102	–	53	15	678	293
Motor vehicles and accessories retailing	166	16	52	–	27	–	16	–	105	4
Gasoline service stations	1 407	15	125	–	161	–	130	5	864	14
Apparel and accessories stores	332	119	25	–	19	17	22	12	100	45
Furniture, home furnishings, and equipment stores	352	48	31	11	34	6	–	–	169	48
Other retail trade	1 148	416	89	28	53	36	19	17	407	197
Finance, insurance, and real estate	670	44	41	–	30	5	19	–	193	20
Business and repair services	1 175	96	57	5	51	13	58	3	565	83
Personal services	1 164	406	41	36	51	24	71	31	530	237
All other industries	599	135	35	24	22	–	25	–	141	64
Managers and administrators, except farm—allocated	8 336	1 467	272	55	355	39	285	31	2 203	474
Sales workers	**137 614**	**80 855**	**6 069**	**3 840**	**5 524**	**3 996**	**4 788**	**3 159**	**40 233**	**27 109**
Advertising agents and salesmen	3 903	704	101	4	85	15	94	20	641	160
Auctioneers	70	14	4	–	9	–	5	–	9	–
Demonstrators	91	812	–	113	17	116	23	53	41	378
Hucksters and peddlers	683	1 413	73	251	44	219	46	133	219	959
Insurance agents, brokers, and underwriters	15 137	2 254	792	85	793	89	589	33	4 867	520
Newsboys	1 405	123	93	10	71	14	60	10	569	49
Real estate agents and brokers	5 576	2 835	328	118	261	176	285	153	1 797	1 232
Stock and bond salesmen	4 685	452	105	11	34	–	45	4	1 210	130
Salesmen and sales clerks, n.e.c	98 200	65 698	4 252	2 996	3 923	3 049	3 432	2 614	28 874	21 442
Sales representatives, manufacturing industries	23 810	2 035	681	47	761	42	704	73	5 304	505
Sales representatives, wholesale trade	26 463	1 617	1 255	78	1 137	51	930	36	8 687	587
Sales clerks, retail trade	28 572	57 004	1 291	2 634	1 142	2 655	813	2 254	8 417	18 581
Salesmen, retail trade	11 756	2 113	727	118	661	122	762	89	4 171	603
Salesmen of services and construction	7 599	2 929	298	119	222	179	223	162	2 295	1 166
Sales workers—allocated	7 864	6 550	321	252	287	318	209	139	2 006	2 239
Clerical and kindred workers	**166 364**	**469 894**	**6 161**	**18 404**	**6 445**	**18 212**	**4 166**	**13 735**	**48 917**	**133 563**
Bank tellers	1 894	7 694	54	404	12	393	23	278	403	2 412
Billing clerks	1 009	4 710	67	203	31	126	28	203	318	1 211
Bookkeepers	11 998	46 689	407	2 429	597	2 480	254	1 755	2 904	13 660
Cashiers	3 596	30 649	124	1 429	134	1 555	54	1 193	1 565	9 222
Clerical assistants, social welfare	–	14	–	6	–	–	–	–	–	–
Clerical supervisors, n.e.c	2 559	2 190	145	45	89	57	57	47	917	628
Collectors, bill and account	1 279	827	32	20	14	17	29	26	505	205
Counter clerks, except food	3 655	9 098	134	304	202	399	70	271	937	2 496
Dispatchers and starters, vehicle	2 392	368	102	15	63	5	48	9	777	142
Enumerators and interviewers	530	1 136	10	26	10	49	5	28	110	419
Estimators and investigators, n.e.c	7 519	6 012	235	124	232	145	144	108	2 383	1 206
Expediters and production controllers	7 862	2 786	429	157	485	73	383	108	2 465	502
File clerks	3 396	19 945	56	352	110	431	91	409	971	4 517
Insurance adjusters, examiners, and investigators	3 021	1 612	130	45	165	58	113	43	863	311
Library attendants and assistants	823	2 827	46	171	19	164	4	76	267	1 039
Mail carriers, post office	8 684	1 210	394	53	377	20	274	34	2 983	271
Mail handlers, except post office	4 159	3 609	70	72	55	148	40	88	1 011	921
Messengers, including telegraph, and office boys	2 344	506	17	14	50	29	38	17	480	138
Meter readers, utilities	799	28	47	5	60	5	25	8	344	4
Office machine operators	7 710	25 223	265	917	240	789	185	540	1 824	6 982
Bookkeeping and billing machine	373	4 075	16	173	33	116	12	121	121	922
Calculating machine	199	2 799	6	79	6	38	–	3	42	870
Computer and peripheral equipment	4 409	1 687	154	102	126	78	114	26	1 011	591
Duplicating machine	444	660	10	12	5	66	–	35	82	294
Keypunch	1 343	14 375	64	519	54	439	29	318	366	3 907
Tabulating machine	343	261	–	–	5	–	8	14	26	64
Office machine, n.e.c	599	1 366	15	32	11	52	22	23	176	334
Payroll and timekeeping clerks	2 449	5 853	78	203	107	205	105	201	588	1 403
Postal clerks	8 712	6 831	181	159	267	148	161	141	2 784	1 290
Proofreaders	524	1 428	–	38	10	42	–	26	100	217
Real estate appraisers	579	14	22	–	16	–	20	–	284	5
Receptionists	646	12 105	32	564	10	628	–	589	170	3 243
Secretaries	3 220	115 280	146	4 667	173	4 811	94	3 678	654	31 926
Shipping and receiving clerks	19 292	2 899	578	159	653	142	729	156	4 637	770
Statistical clerks	4 623	8 990	178	285	181	305	60	202	1 130	2 359
Stenographers	281	3 795	–	270	8	236	17	158	101	1 801
Stock clerks and storekeepers	14 488	4 199	942	372	739	176	545	199	5 662	1 966
Teacher aides, except school monitors	365	3 551	–	104	22	105	–	53	61	654
Telegraph operators	157	107	21	8	26	–	12	–	76	49
Telephone operators	783	16 795	76	511	17	533	31	434	290	4 953
Ticket, station, and express agents	3 718	3 090	54	19	67	172	11	15	811	586
Typists	2 492	52 871	58	1 797	66	1 578	38	1 085	737	15 170
Weighers	1 088	553	112	42	58	7	5	21	374	79
Miscellaneous clerical workers	9 250	15 129	325	595	333	604	138	376	2 495	3 862
Not specified clerical workers	6 503	18 862	269	893	352	587	178	432	3 369	9 655
Clerical and kindred workers—allocated	11 965	30 409	325	927	395	990	157	728	2 567	7 289

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas									
	Chicago		Davenport–Rock Island–Moline, Iowa–Ill.		Peoria		Rockford		St. Louis, Mo.–Ill.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Craftsmen and kindred workers	**375 212**	**20 323**	**19 664**	**798**	**18 219**	**718**	**16 860**	**899**	**119 913**	**6 242**
Automobile accessories installers	177	–	–	–	–	–	19	–	76	–
Bakers	3 964	930	101	105	119	95	94	42	1 146	368
Blacksmiths	248	6	20	–	14	–	15	–	97	15
Boilermakers	1 057	11	22	–	115	–	24	–	497	5
Bookbinders	983	1 442	5	21	–	21	–	4	196	444
Brickmasons and stonemasons	6 134	64	265	10	241	–	164	–	1 529	12
Bulldozer operators	1 036	23	136	–	125	5	49	–	604	4
Cabinetmakers	1 821	35	66	5	59	–	173	22	519	25
Carpenters	21 346	197	1 289	8	1 219	22	971	17	7 192	77
Carpet installers	1 313	21	82	–	94	–	98	–	439	6
Cement and concrete finishers	1 921	14	99	–	114	–	74	–	778	13
Compositors and typesetters	7 898	881	219	30	161	67	84	25	1 742	387
Cranemen, derrickmen, and hoistmen	6 277	105	360	–	342	–	197	–	1 820	5
Decorators and window dressers	1 496	1 159	45	91	41	73	29	51	406	438
Dental laboratory technicians	892	173	6	24	62	11	23	10	296	111
Electricians	17 713	284	1 173	9	885	7	718	9	5 980	113
Electric power linemen and cablemen	2 194	39	109	–	160	–	102	–	1 132	22
Electrotypers and stereotypers	429	10	10	–	17	–	4	–	91	7
Engravers, except photoengravers	240	52	10	–	13	4	6	5	167	10
Excavating, grading, and road machine operators; except bulldozer	2 899	35	315	–	310	–	183	13	1 451	5
Floor layers, except tile setters	440	–	20	–	10	–	26	–	231	3
Foremen, n.e.c	57 615	5 797	3 025	118	2 961	170	2 722	98	18 751	1 494
Construction	3 789	55	198	–	193	–	102	–	1 294	8
Manufacturing	38 023	3 639	2 139	73	2 113	74	2 252	50	11 523	867
Durable goods	26 006	2 005	1 873	46	1 608	36	1 998	36	7 952	314
Nondurable goods, including not specified manufacturing	12 017	1 634	266	27	505	38	254	14	3 571	553
Transportation, communications, and other public utilities	6 036	260	232	5	233	16	107	5	2 195	92
All other industries	9 767	1 843	456	40	422	80	261	43	3 739	527
Forgemen and hammermen	748	34	48	6	19	–	372	4	105	6
Furniture and wood finishers	694	30	5	5	14	–	29	20	163	26
Furriers	98	13	–	6	11	–	–	–	15	–
Glaziers	794	10	72	–	42	–	50	5	298	4
Heat treaters, annealers, and temperers	1 187	31	134	10	186	5	227	24	178	11
Inspectors, scalers, and graders; log and lumber	5	6	–	6	6	–	–	–	–	–
Inspectors, n.e.c	3 772	465	174	–	188	11	81	9	1 324	80
Construction	142	–	27	–	9	–	–	–	185	5
Railroads and railway express service	1 189	–	33	–	45	4	8	–	427	–
Jewelers and watchmakers	934	113	37	6	17	–	50	6	338	24
Job and die setters, metal	7 551	278	259	9	64	–	1 044	42	800	27
Locomotive engineers	2 208	15	97	–	107	–	–	–	926	14
Locomotive firemen	391	–	16	–	26	–	–	–	199	4
Machinists	14 120	479	1 010	36	1 095	14	1 169	74	5 115	133
Mechanics and repairmen	76 291	1 753	4 277	47	3 513	40	3 242	56	26 259	537
Air conditioning, heating, and refrigeration	3 696	32	197	–	115	–	111	–	1 381	13
Aircraft	2 011	–	50	7	65	–	64	3	1 835	59
Automobile body repairmen	3 222	23	202	4	122	–	179	–	1 464	22
Automobile mechanics	22 846	199	1 286	14	1 143	24	1 060	9	8 540	138
Data processing machine repairmen	1 599	8	41	–	52	–	40	–	362	14
Farm implement	303	5	126	–	60	–	31	9	210	7
Heavy equipment mechanics, including diesel	21 819	441	1 336	4	1 046	5	1 104	5	5 771	101
Household appliance and accessory installers and mechanics	3 944	80	202	–	155	7	142	13	1 207	19
Loom fixers	7	–	–	–	–	–	5	–	19	–
Office machine	1 576	44	55	–	93	–	60	–	462	–
Radio and television	4 691	363	142	–	154	–	165	14	1 533	28
Railroad and car shop	2 172	15	112	–	97	–	5	–	950	17
Miscellaneous mechanics and repairmen	6 077	350	421	14	331	–	211	3	1 904	84
Not specified mechanics and repairmen	2 328	193	107	4	80	4	65	–	621	35
Millers, grain, flour, and feed	50	8	22	–	19	–	29	–	65	–
Millwrights	2 685	46	223	–	371	–	140	–	1 075	13
Molders, metal	2 249	348	354	–	242	11	192	17	694	34
Motion picture projectionists	445	22	30	–	22	–	5	–	174	2
Opticians, and lens grinders and polishers	730	271	36	8	29	4	23	–	207	16
Painters, construction and maintenance	10 797	413	384	17	384	21	329	32	3 449	71
Paperhangers	249	13	15	–	14	–	13	9	120	–
Pattern and model makers, except paper	1 975	66	204	–	157	5	208	8	705	21
Photoengravers and lithographers	2 852	216	36	5	78	7	68	12	618	42
Piano and organ tuners and repairmen	251	4	–	–	–	–	5	–	71	5
Plasterers	819	9	38	–	27	–	66	–	215	–
Plumbers and pipe fitters	13 656	62	793	17	892	–	494	4	5 147	18
Power station operators	368	5	37	–	17	–	9	–	173	21
Pressmen and plate printers, printing	11 534	740	221	50	267	18	157	45	2 162	248
Rollers and finishers, metal	1 106	53	57	–	42	–	45	15	222	5
Roofers and slaters	1 697	12	93	–	99	–	85	4	468	10
Sheetmetal workers and tinsmiths	6 161	63	327	–	341	6	232	–	3 452	146
Shipfitters	15	–	–	–	4	–	–	–	56	–
Shoe repairmen	663	64	28	42	38	6	37	5	348	100
Sign painters and letterers	606	39	24	6	34	5	18	–	211	–
Stationary engineers	7 526	86	207	4	462	–	224	5	2 198	34
Stone cutters and stone carvers	172	30	15	–	–	–	4	–	33	–
Structural metal craftsmen	3 137	10	137	–	201	–	122	–	1 243	17
Tailors	2 155	587	21	23	18	36	18	33	356	185
Telephone installers and repairmen	9 101	476	408	4	312	–	215	43	3 149	93
Telephone linemen and splicers	1 250	36	61	–	71	–	38	–	409	17
Tile setters	1 101	5	36	–	37	–	39	–	212	9
Tool and die makers	12 484	318	774	10	372	19	1 034	39	2 655	59
Upholsterers	1 465	147	45	4	25	10	64	–	476	66
Craftsmen and kindred workers, n.e.c	2 459	175	185	30	281	–	95	21	1 467	107
Former members of the Armed Forces	...	...	...	...	...	...	...	...	...	...
Craftsmen and kindred workers—allocated	28 563	1 494	1 342	26	1 013	25	813	71	7 223	473

Table 171. Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas									
	Chicago		Davenport–Rock Island–Moline, Iowa–Ill.		Peoria		Rockford		St. Louis, Mo.–Ill.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Operatives, except transport	**238 012**	**158 810**	**15 779**	**4 678**	**16 952**	**3 648**	**15 594**	**9 000**	**80 079**	**38 412**
Asbestos and insulation workers	804	11	59	–	64	–	20	–	347	5
Assemblers	20 258	29 654	1 936	579	1 351	248	2 647	1 822	9 742	4 076
Blasters and powdermen	42	–	4	–	4	–	–	–	38	6
Bottling and canning operatives	840	459	9	13	203	252	39	23	1 350	117
Chainmen, rodmen, and axmen; surveying	129	–	13	–	16	–	–	–	96	–
Checkers, examiners, and inspectors; manufacturing	17 669	16 204	922	219	1 659	229	1 367	957	4 451	3 348
Clothing ironers and pressers	1 352	2 783	20	295	5	221	17	160	393	1 536
Cutting operatives, n.e.c.	6 665	1 309	301	119	208	70	186	44	1 457	411
Dressmakers and seamstresses, except factory	225	3 034	8	210	–	176	5	100	20	953
Drillers, earth	630	206	203	15	340	6	168	69	253	33
Dry wall installers and lathers	1 305	12	67	–	41	–	56	2	443	27
Dyers	124	5	–	–	7	–	–	–	18	15
Filers, polishers, sanders, and buffers	3 177	706	151	66	171	53	423	226	1 044	202
Furnacemen, smeltermen, and pourers	2 571	137	233	4	127	15	174	40	776	10
Garage workers and gas station attendants	9 901	179	705	10	757	4	564	15	4 452	94
Graders and sorters, manufacturing	276	528	37	25	25	12	4	31	134	95
Produce graders and packers, except factory and farm	56	89	–	6	–	–	–	–	29	53
Heaters, metal	370	4	22	–	13	–	11	–	69	–
Laundry and drycleaning operatives, n.e.c	2 398	3 323	135	270	62	414	118	214	585	1 436
Meat cutters and butchers, except manufacturing	8 790	285	339	17	314	4	269	11	2 994	94
Meat cutters and butchers, manufacturing	1 833	243	270	64	45	–	32	8	904	171
Meat wrappers, retail trade	148	387	–	102	6	56	5	16	–	323
Metal platers	1 456	159	74	–	11	–	283	9	342	22
Milliners	5	60	–	–	–	–	–	–	–	13
Mine operatives, n.e.c.	300	78	49	–	33	–	16	20	511	29
Mixing operatives	2 936	101	88	17	69	–	88	8	710	27
Oilers and greasers, except auto	1 311	85	92	–	125	–	54	5	700	16
Packers and wrappers, except meat and produce	10 907	19 849	404	567	475	432	378	991	2 766	4 007
Painters, manufactured articles	3 495	638	340	22	221	32	408	102	1 715	163
Photographic process workers	1 557	1 202	52	114	41	11	20	75	340	413
Precision machine operatives	18 986	3 017	1 873	160	2 600	40	2 789	458	3 596	417
Drill press operatives	3 072	1 429	290	44	629	30	313	179	750	170
Grinding machine operatives	5 579	469	668	50	624	10	935	108	1 010	79
Lathe and milling machine operatives	6 879	550	725	56	929	–	1 065	79	1 211	74
Precision machine operatives, n.e.c.	3 456	569	190	10	418	–	476	92	625	94
Punch and stamping press operatives	8 189	5 043	507	46	203	22	329	698	1 571	670
Riveters and fasteners	379	621	23	–	41	10	16	19	363	217
Sailors and deckhands	120	10	–	6	–	–	5	–	133	–
Sawyers	1 012	149	137	40	121	28	91	28	347	63
Sewers and stitchers	1 008	10 048	4	443	15	245	19	179	262	5 212
Shoemaking machine operatives	130	176	–	9	–	–	10	25	401	934
Solderers	616	4 292	17	38	4	5	28	60	61	314
Stationary firemen	2 950	71	144	–	237	4	102	5	1 001	50
Textile operatives	562	395	23	4	10	21	8	34	210	332
Carding, lapping, and combing operatives	–	4	13	–	–	–	–	–	15	5
Knitters, loopers, and toppers	21	37	–	–	–	–	4	4	–	5
Spinners, twisters, and winders	33	66	6	–	–	–	–	5	58	65
Weavers	19	17	–	4	–	6	–	–	–	26
Textile operatives, n.e.c	489	271	4	–	10	15	4	25	137	231
Welders and flamecutters	16 269	1 653	1 736	77	1 496	20	795	152	7 012	384
Winding operatives, n.e.c	952	2 547	5	21	64	6	19	77	396	269
Miscellaneous and not specified operatives	63 532	33 001	3 789	774	4 728	725	3 092	1 759	21 494	8 233
Occupation:										
Machine operatives, miscellaneous specified	25 059	12 673	1 475	322	1 810	330	1 382	583	7 817	3 040
Machine operatives, not specified	17 160	10 098	1 087	194	1 149	133	788	642	5 344	2 437
Miscellaneous operatives	14 337	6 832	804	195	1 203	187	557	366	5 231	1 654
Not specified operatives	6 976	3 398	423	63	566	75	365	168	3 102	1 102
Industry:										
Manufacturing	55 222	30 253	3 324	625	4 355	603	2 880	1 682	18 340	7 084
Durable goods	33 367	16 139	2 736	290	3 130	306	2 346	1 260	10 843	3 161
Lumber and wood products, except furniture	452	297	11	28	48	–	8	5	134	34
Furniture and fixtures	952	261	23	38	33	7	34	48	167	87
Stone, clay, and glass products	1 549	613	81	10	40	24	44	25	1 090	205
Primary metal industries	7 613	653	769	25	754	52	251	23	2 401	111
Blast furnaces, steel works, and rolling and finishing mills	4 097	208	14	–	553	–	6	–	938	12
Fabricated metal industries, including not specified metal	5 905	2 153	179	10	168	56	711	578	1 840	331
Machinery, except electrical	6 322	1 429	1 306	68	2 018	116	877	155	1 139	272
Electrical machinery, equipment, and supplies	5 627	7 256	13	33	21	22	60	284	845	978
Transportation equipment	1 778	514	58	4	23	–	253	36	2 321	287
Motor vehicles and motor vehicle equipment	1 048	362	58	4	23	–	161	27	1 121	76
Professional and photographic equipment, and watches	950	815	26	40	–	–	32	78	106	126
Ordnance	114	60	201	25	–	–	3	–	395	317
Miscellaneous manufacturing industries	1 891	1 990	23	9	8	29	49	24	336	413
Durable goods—allocated	214	98	46	–	17	–	24	4	69	–
Nondurable goods	21 203	13 704	573	320	1 205	297	518	414	7 407	3 860
Food and kindred products	5 614	2 953	326	128	799	152	289	187	1 651	350
Tobacco manufactures	66	46	–	–	–	–	–	–	5	30
Apparel and other fabricated textile products	264	678	47	44	11	–	10	5	204	597
Paper and allied products	3 613	2 509	48	64	162	36	62	27	1 042	639
Printing, publishing, and allied industries	3 744	2 468	34	52	118	88	11	4	692	672
Chemicals and allied products	3 471	1 500	24	–	73	11	51	64	2 582	473
Petroleum and coal products	988	40	4	–	5	–	–	–	494	–
Rubber and miscellaneous plastic products	2 778	3 232	85	32	25	10	85	116	586	459
Leather and leather products	571	231	5	–	–	–	10	11	123	631
Nondurable goods—allocated	94	47	–	–	12	–	–	–	28	9
Not specified manufacturing industries	652	410	15	15	20	–	16	8	90	63
Nonmanufacturing industries	8 310	2 748	465	149	373	122	212	77	3 154	1 149
Construction	598	22	33	–	50	–	19	–	241	15
Transportation, communications, and other public utilities	2 571	112	86	8	89	–	35	–	889	35
Wholesale and retail trade	2 932	1 563	173	71	151	68	93	47	1 275	603
Business and repair services	1 140	334	46	4	35	–	36	14	345	101
Public administration	173	69	69	5	13	–	7	–	151	34
All other industries	896	648	58	61	35	54	22	16	253	361
Operatives, except transport—allocated	21 777	16 057	988	326	1 040	287	939	558	6 553	3 622

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas									
	Chicago		Davenport–Rock Island–Moline, Iowa–Ill.		Peoria		Rockford		St. Louis, Mo.–Ill.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport equipment operatives	**107 236**	**3 624**	**5 353**	**317**	**5 588**	**173**	**3 210**	**168**	**34 854**	**1 492**
Boatmen and canalmen	30	–	–	–	–	–	–	–	27	6
Bus drivers	8 241	1 657	106	128	212	86	78	58	1 826	788
Conductors and motormen, urban rail transit	686	26	7	–	5	–	–	–	6	–
Deliverymen and routemen	22 951	486	1 230	44	1 116	37	956	40	6 434	207
Fork lift and tow motor operatives	7 699	174	704	25	711	4	290	–	2 769	41
Motormen; mine, factory, logging camp, etc	118	5	–	–	–	–	–	–	58	–
Parking attendants	1 450	53	47	–	77	5	9	–	358	8
Railroad brakemen	706	21	59	–	127	–	–	–	218	9
Railroad switchmen	4 083	92	263	10	238	10	17	–	2 240	30
Taxicab drivers and chauffeurs	8 115	372	134	16	128	5	100	27	2 189	56
Truck drivers	43 616	480	2 442	70	2 576	26	1 557	23	15 867	233
Transport equipment operatives—allocated	9 541	258	361	24	398	–	203	20	2 862	114
Laborers, except farm	**106 034**	**12 943**	**5 740**	**499**	**6 098**	**478**	**3 743**	**679**	**35 551**	**3 338**
Animal caretakers, except farm	603	415	15	35	15	11	41	29	307	142
Carpenters' helpers	604	20	37	4	38	–	11	–	137	12
Construction laborers, except carpenters' helpers	12 347	182	769	10	884	5	447	42	4 908	69
Fishermen and oystermen	24	11	5	4	7	–	5	–	30	–
Freight and material handlers	25 390	2 074	1 016	52	1 322	74	695	260	7 847	400
Garbage collectors	2 312	11	71	–	74	–	28	–	317	19
Gardeners and groundskeepers, except farm	5 708	183	418	–	310	4	276	12	2 210	48
Longshoremen and stevedores	518	26	–	–	7	–	–	–	122	–
Lumbermen, raftsmen, and woodchoppers	128	41	36	6	35	–	16	–	166	–
Stock handlers	25 970	6 392	1 119	157	1 008	219	965	187	6 448	1 573
Teamsters	64	10	11	–	5	–	21	–	11	–
Vehicle washers and equipment cleaners	3 534	454	230	47	454	37	288	12	1 284	161
Warehousemen, n.e.c	1 765	58	221	21	150	8	45	–	1 555	65
Miscellaneous and not specified laborers	15 529	1 804	1 230	131	1 298	61	569	108	6 538	627
Occupation:										
Miscellaneous laborers	5 424	479	367	30	455	3	266	40	2 016	208
Not specified laborers	10 105	1 325	863	101	843	58	303	68	4 522	419
Industry:										
Manufacturing	8 753	1 254	796	83	850	45	368	76	3 609	381
Durable goods	6 439	801	656	35	593	39	301	67	2 727	258
Lumber and wood products, except furniture	70	14	29	5	3	–	–	–	46	–
Furniture and fixtures	162	27	3	4	9	–	–	8	28	–
Stone, clay, and glass products	290	14	9	–	9	7	14	–	268	5
Primary metal industries	3 248	69	316	–	269	4	132	–	1 170	29
Blast furnaces, steel works, and rolling and finishing mills	2 515	44	3	–	146	4	3	–	638	6
Fabricated metal industries, including not specified metal	835	253	53	–	25	5	37	40	278	87
Machinery, except electrical	645	78	213	16	245	23	62	9	193	25
Electrical machinery, equipment, and supplies	456	197	–	–	7	–	14	10	118	40
Transportation equipment	384	15	21	–	–	–	20	–	400	13
Motor vehicles and motor vehicle equipment	198	10	21	–	–	–	11	–	223	3
Professional and photographic equipment, and watches	50	20	–	–	–	–	–	–	–	–
Ordnance	35	10	–	10	–	–	–	–	117	30
Miscellaneous manufacturing industries	179	100	12	–	14	–	12	–	58	29
Durable goods—allocated	85	4	–	–	12	–	10	–	51	–
Nondurable goods	2 160	438	140	48	257	6	67	9	862	118
Food and kindred products	926	143	103	26	225	–	50	–	397	24
Tobacco manufactures	9	–	–	–	–	–	–	–	5	6
Textile mill products	41	9	–	–	–	–	–	–	8	–
Apparel and other fabricated textile products	13	–	–	–	–	–	–	–	26	19
Paper and allied products	172	34	4	5	20	–	11	4	64	29
Printing, publishing, and allied industries	249	57	–	17	–	6	–	–	28	11
Chemicals and allied products	378	91	–	–	6	–	6	–	191	11
Petroleum and coal products	146	9	–	–	–	–	–	–	53	4
Rubber and miscellaneous plastic products	131	78	33	–	–	–	–	5	51	–
Leather and leather products	38	17	–	–	–	–	–	–	8	14
Nondurable goods—allocated	57	–	–	–	6	–	–	–	31	–
Not specified manufacturing industries	154	15	–	–	–	–	–	–	20	5
Nonmanufacturing industries	6 776	550	434	48	448	16	201	32	2 929	246
Transportation, communications, and other public utilities	2 657	86	106	12	180	–	56	–	1 169	38
Wholesale and retail trade	1 858	186	173	24	183	9	70	17	974	94
Business and repair services	780	73	61	–	14	–	25	6	159	7
Public administration	305	15	15	–	22	–	6	–	86	11
All other industries	1 176	190	79	12	49	7	44	9	541	96
Laborers, except farm—allocated	11 538	1 262	562	32	491	59	336	29	3 671	222
Farmers and farm managers	**4 664**	**662**	**3 468**	**142**	**2 400**	**80**	**1 245**	**66**	**4 233**	**380**
Farmers, owners and tenants	3 462	369	3 177	116	2 255	74	1 119	63	3 530	282
Farm managers	275	19	70	11	26	–	20	–	173	14
Farmers and farm managers—allocated	927	274	221	15	119	6	106	3	530	84
Farm laborers and farm foremen	**3 322**	**888**	**834**	**105**	**588**	**99**	**511**	**68**	**2 016**	**461**
Farm foremen	127	24	21	–	5	–	–	–	60	–
Farm laborers, wage workers	2 416	321	599	33	415	50	404	23	1 327	165
Farm laborers, unpaid family workers	180	153	181	63	126	39	84	45	185	108
Farm service laborers, self-employed	17	20	–	–	–	–	–	–	9	5
Farm laborers and farm foremen—allocated	582	370	33	9	42	10	23	–	435	183

Table 171. **Detailed Occupation of Employed Persons by Residence, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas									
	Chicago		Davenport–Rock Island–Moline, Iowa–Ill.		Peoria		Rockford		St. Louis, Mo.–Ill.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Service workers, except private household	**154 903**	**136 907**	**6 243**	**11 035**	**5 923**	**10 066**	**4 602**	**6 734**	**46 311**	**57 774**
Cleaning service workers	50 763	18 088	2 309	1 413	2 423	1 239	1 792	754	16 262	7 109
Chambermaids and maids, except private household	253	4 122	14	312	–	301	5	219	161	1 920
Cleaners and charwomen	5 540	7 105	205	539	313	644	153	351	3 491	3 716
Janitors and sextons	44 970	6 861	2 090	562	2 110	294	1 634	184	12 610	1 473
Food service workers	34 400	50 795	1 521	4 975	1 370	4 086	1 095	2 992	9 856	21 202
Bartenders	7 591	951	364	190	295	101	326	54	1 646	384
Busboys	3 507	452	211	–	263	39	82	11	1 529	321
Cooks, except private household	12 976	8 961	511	1 322	365	1 220	403	787	2 997	6 196
Dishwashers	3 027	1 358	181	292	141	239	151	144	991	671
Food counter and fountain workers	944	2 800	37	177	76	198	26	126	369	1 427
Waiters	3 864	28 310	122	2 385	97	1 794	31	1 452	1 711	9 253
Food service workers, n.e.c., except private household	2 491	7 963	95	609	133	495	76	418	613	2 950
Health service workers	2 853	27 150	122	2 351	82	2 284	83	1 454	1 284	13 978
Dental assistants	52	2 611	–	155	–	131	4	173	–	901
Health aides, except nursing	599	2 975	23	284	19	151	6	93	229	1 514
Health trainees	28	568	7	26	–	57	6	84	16	455
Lay midwives	–	11	–	4	–	–	–	–	–	–
Nursing aides, orderlies, and attendants	2 052	15 269	92	1 555	63	1 557	67	855	986	8 584
Practical nurses	122	5 716	–	327	–	388	–	249	53	2 524
Personal service workers	14 095	23 065	559	1 355	416	1 610	444	1 061	4 237	9 247
Airline stewardesses	63	2 812	–	–	–	–	–	9	–	156
Attendants, recreation and amusement	1 361	350	43	8	38	14	34	12	503	152
Attendants, personal service, n.e.c	1 027	1 736	26	63	10	69	20	43	307	766
Baggage porters and bellhops	806	15	16	–	7	–	13	–	202	4
Barbers	5 222	208	265	33	200	5	244	15	1 739	50
Boarding and lodging house keepers	38	86	–	14	–	7	4	10	4	37
Bootblacks	65	9	4	5	–	–	–	–	28	5
Child care workers, except private household	187	2 084	25	208	14	218	5	108	84	1 017
Elevator operators	1 900	394	64	25	19	15	24	4	351	215
Hairdressers and cosmetologists	1 883	12 355	69	802	66	1 045	39	702	412	5 615
Housekeepers, except private household	805	1 827	23	114	30	124	46	99	283	851
School monitors	81	627	6	55	–	93	–	59	–	139
Ushers, recreation and amusement	553	143	14	7	27	–	9	–	291	80
Welfare service aides	104	419	4	21	5	20	6	–	33	160
Protective service workers	38 331	3 092	1 307	113	1 249	111	938	36	11 010	407
Crossing guards and bridge tenders	783	1 747	25	54	33	63	–	14	317	104
Firemen, fire protection	6 173	40	268	–	221	–	198	–	1 967	9
Guards and watchmen	12 265	667	478	46	516	31	375	13	3 979	121
Marshals and constables	18	–	11	–	–	–	6	–	49	–
Policemen and detectives	18 368	524	476	13	439	17	306	9	4 465	142
Sheriffs and bailiffs	724	114	49	–	40	–	53	–	233	31
Service workers, except private household – allocated	14 461	14 717	425	828	383	736	250	437	3 662	5 831
Private household workers	**987**	**18 047**	**28**	**1 306**	**30**	**1 200**	**27**	**577**	**340**	**10 969**
Occupation:										
Child care workers, private household	62	2 922	–	330	6	306	10	122	59	1 535
Cooks, private household	25	564	–	40	–	22	–	5	6	394
Housekeepers, private household	38	1 676	–	108	5	93	–	42	42	739
Laundresses, private household	4	219	–	18	–	29	–	–	–	162
Maids and servants, private household	617	9 428	28	682	11	601	17	351	200	6 120
Private household workers – allocated	241	3 238	–	128	8	149	–	57	33	2 019
Living arrangement:										
Living in	89	2 271	4	72	–	104	–	36	31	660
Living out	898	15 776	24	1 234	30	1 096	27	541	309	10 309

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Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
THE STATE											
Male, 16 years old and over	**2 831 639**	**2 534 513**	**278 422**	**88 363**	**2 792 584**	**2 052 022**	**558 206**	**182 356**	**56 728**	**137 114**	**259 620**
Professional, technical, and kindred workers	**385 504**	**362 605**	**17 029**	**6 715**	**382 606**	**285 490**	**77 138**	**19 978**	**2 868**	**8 687**	**20 464**
Accountants	33 605	32 350	824	445	33 424	28 413	3 534	1 477	361	940	1 148
Architects	3 317	3 138	42	50	3 311	2 804	409	98	10	88	93
Computer specialists	12 506	11 911	439	203	12 436	10 613	1 370	453	–	63	329
Engineers	66 972	64 796	975	880	66 727	59 225	5 899	1 603	612	1 643	2 122
Aeronautical and astronautical	450	440	5	27	450	393	41	16	–	–	55
Civil	9 029	8 573	168	184	8 969	7 860	838	271	96	333	440
Electrical and electronic	14 713	14 162	261	197	14 678	13 121	1 236	321	149	419	409
Mechanical	10 354	9 997	138	100	10 314	9 238	858	218	103	252	312
Other engineers	32 426	31 624	403	372	32 316	28 613	2 926	777	264	639	906
Lawyers and judges	15 905	15 537	314	138	15 843	13 154	2 264	425	48	177	421
Life and physical scientists	9 258	8 463	411	144	9 201	7 801	1 034	366	106	207	374
Chemists	6 796	6 172	358	114	6 744	5 733	762	249	85	121	243
Physicians, dentists, and related practitioners	26 891	25 117	885	1 012	26 764	19 056	6 845	863	218	631	840
Dentists	4 920	4 718	152	23	4 883	2 314	2 490	79	72	149	156
Pharmacists	5 815	5 498	285	35	5 805	4 691	858	256	64	140	240
Physicians, medical and osteopathic	12 853	11 715	364	934	12 783	9 436	2 876	471	50	230	389
Other related practitioners	3 303	3 186	84	20	3 293	2 615	621	57	32	112	55
Health technologists and technicians	4 141	3 384	572	198	4 091	2 913	769	409	23	142	577
Religious workers	11 558	10 855	627	77	11 483	9 680	1 475	328	67	270	589
Social scientists	5 427	5 250	141	75	5 401	4 323	834	244	23	88	210
Social and recreation workers	5 648	4 565	1 041	163	5 503	3 574	1 226	703	41	211	1 536
Teachers	63 482	59 353	3 569	821	63 043	27 593	30 280	5 170	315	1 010	2 711
College and university	19 005	18 154	397	312	18 860	9 872	7 315	1 673	93	372	1 188
Elementary and prekindergarten	12 679	11 178	1 484	146	12 580	4 651	6 582	1 347	99	177	502
Secondary	28 377	26 828	1 471	280	28 197	10 949	15 441	1 807	107	381	756
Engineering and science technicians	35 121	33 089	1 530	936	34 842	27 593	5 226	2 023	241	848	2 698
Draftsmen and surveyors	18 304	17 372	669	534	18 156	14 420	2 644	1 092	146	467	1 402
Electrical and electronic engineering technicians	5 397	5 131	203	166	5 362	4 383	834	145	6	74	203
Technicians, except health, and engineering and science	6 507	6 301	190	104	6 480	5 396	920	164	22	85	212
Airplane pilots	2 812	2 802	6	49	2 796	2 391	377	28	–	17	38
Writers, artists, and entertainers	31 905	30 104	1 416	544	31 616	23 700	5 673	2 243	270	795	2 447
Other professional, technical, and kindred workers	53 261	48 392	4 053	925	52 441	39 652	9 380	3 409	511	1 489	4 157
Managers and administrators, except farm	**285 168**	**275 545**	**8 537**	**3 014**	**283 945**	**250 880**	**28 060**	**5 005**	**4 315**	**10 125**	**9 711**
Buyers, purchasing agents, and sales managers	45 116	44 218	783	475	44 993	41 068	3 389	536	381	1 130	829
School administrators	7 864	7 468	378	34	7 844	5 070	2 697	77	33	166	200
Specified managers and administrators, public administration	13 703	12 676	1 016	125	13 622	12 002	1 210	410	357	690	821
Other specified managers and administrators	51 541	49 107	2 147	588	51 098	42 882	6 683	1 533	1 027	2 409	3 117
Managers and administrators, n.e.c., salaried	138 170	134 399	3 265	1 483	137 776	125 479	10 446	1 851	1 668	3 938	3 467
Manufacturing	45 153	44 422	545	512	45 073	41 896	2 721	456	607	1 281	930
Wholesale and retail trade	39 883	38 403	1 299	462	39 753	35 902	3 194	657	385	946	1 053
Transportation, communications, and other public utilities	13 380	13 085	278	105	13 339	12 371	851	117	261	671	384
All other industries	39 754	38 489	1 143	404	39 611	35 310	3 680	621	415	1 040	1 100
Managers and administrators, n.e.c., self-employed	28 774	27 677	948	309	28 612	24 379	3 635	598	849	1 792	1 277
Construction	4 895	4 767	115	5	4 854	3 414	1 336	104	185	294	242
Manufacturing	2 513	2 486	27	8	2 503	2 208	255	40	79	117	102
Wholesale and retail trade	14 762	14 162	568	230	14 685	13 147	1 289	249	438	1 027	597
All other industries	6 604	6 262	238	66	6 570	5 610	755	205	147	354	336
Sales workers	**198 558**	**189 841**	**7 990**	**2 783**	**196 576**	**154 725**	**30 795**	**11 056**	**2 641**	**7 179**	**14 203**
Insurance agents, brokers, and underwriters	23 626	22 458	1 090	385	23 529	19 914	3 124	491	238	646	599
Real estate agents and brokers	8 024	7 736	288	41	7 978	6 138	1 528	312	108	415	450
Sales representatives, manufacturing industries	29 432	28 773	585	287	29 344	25 810	2 994	540	268	857	807
Sales representatives, wholesale trade	35 573	34 716	670	386	35 445	30 268	4 301	876	381	875	1 089
Sales clerks, retail trade	44 820	41 731	2 857	924	44 139	29 329	9 344	5 466	731	2 105	6 197
Salesmen, retail trade	21 136	20 288	816	208	20 977	16 729	3 317	931	329	691	1 043
Salesmen of services and construction	10 090	9 879	163	101	10 037	7 985	1 563	489	136	339	673
Other sales workers	25 857	24 260	1 521	451	25 127	18 552	4 624	1 951	450	1 251	3 345
Clerical and kindred workers	**236 633**	**205 452**	**29 201**	**6 932**	**233 161**	**173 425**	**41 645**	**18 091**	**4 991**	**11 968**	**24 466**
Bank tellers and cashiers	8 004	7 124	774	341	7 843	4 932	1 929	982	183	457	1 427
Bookkeepers and billing clerks	19 946	18 677	1 034	447	19 729	15 964	2 670	1 095	515	1 205	1 389
Mail handlers and postal clerks	31 132	22 422	8 552	508	30 739	23 923	5 029	1 787	885	1 519	3 160
Other clerical and kindred workers	177 551	157 229	18 841	5 636	174 850	128 606	32 017	14 227	3 408	8 787	18 490
Craftsmen and kindred workers	**606 527**	**561 194**	**43 020**	**16 343**	**601 504**	**451 014**	**128 518**	**21 972**	**13 843**	**29 977**	**37 425**
Apparel craftsmen and upholsterers	4 955	4 348	571	268	4 884	3 500	1 117	267	269	633	355
Bakers	5 163	4 298	829	493	5 096	3 833	992	271	173	313	367
Cabinetmakers	2 910	2 728	172	90	2 897	2 073	640	184	113	208	256
Construction craftsmen	150 019	141 981	7 725	2 833	148 876	87 915	53 834	7 127	3 661	8 239	11 912
Carpenters	42 974	41 655	1 227	649	42 612	22 956	17 271	2 385	1 465	2 814	3 831
Excavating, grading, and road machine operators	11 992	11 332	657	232	11 935	6 515	4 830	590	156	432	850
Electricians	28 765	27 459	1 230	570	28 633	22 233	5 833	567	412	1 056	1 176
Masons and tile setters	11 300	10 274	1 010	213	11 215	4 740	6 031	444	274	622	804
Painters, construction and maintenance, and paperhangers	17 928	16 118	1 742	568	17 654	8 659	7 355	1 640	541	1 498	3 120
Plasterers and cement finishers	5 313	4 664	645	118	5 260	1 911	2 995	354	178	330	450
Plumbers and pipe fitters	23 112	22 303	767	261	22 982	16 850	5 531	601	475	1 046	1 113
Other construction craftsmen	8 635	8 176	447	222	8 585	4 051	3 988	546	160	441	568
Foremen, n.e.c	89 042	84 183	4 522	2 101	88 844	79 033	8 887	924	1 778	4 113	2 653
Manufacturing	58 523	55 453	2 872	1 434	58 411	52 975	4 961	475	1 152	2 457	1 540
Nonmanufacturing industries	30 519	28 730	1 650	667	30 433	26 058	3 926	449	626	1 656	1 113
Linemen and servicemen, telephone and power	20 128	18 744	1 361	371	19 983	16 849	2 316	818	227	514	617
Locomotive engineers and firemen	4 805	4 629	176	74	4 776	3 669	1 017	90	408	683	268
Mechanics and repairmen	127 330	116 601	10 007	3 728	126 456	99 806	21 677	4 973	1 859	4 589	5 548
Air conditioning, heating, and refrigeration	5 796	5 499	267	66	5 784	4 376	1 193	215	60	131	241
Aircraft	2 841	2 737	85	49	2 829	2 318	434	77	5	8	114
Automobile, including body	45 575	40 532	4 758	1 291	45 178	34 642	8 473	2 063	429	1 358	1 852
Radio and television	7 235	6 403	772	315	7 158	5 529	1 284	345	106	197	343
Other mechanics and repairmen	65 883	61 430	4 125	2 007	65 507	52 941	10 293	2 273	1 259	2 895	2 998
Metal craftsmen, except mechanics	79 704	74 445	4 962	2 761	79 285	62 784	14 656	1 845	1 913	3 971	3 146
Machinists and job and die setters	33 234	30 967	2 100	1 443	33 039	26 663	5 687	689	628	1 603	1 286
Sheetmetal workers and tinsmiths	9 340	9 058	256	175	9 290	6 505	2 453	332	159	368	461
Tool and die makers	17 329	16 924	355	381	17 307	14 323	2 678	306	438	692	491
Other metal craftsmen	19 801	17 496	2 251	762	19 649	15 293	3 838	518	688	1 308	908
Printing craftsmen	30 924	28 916	1 866	925	30 765	23 954	5 579	1 232	531	937	1 279
Compositors and typesetters	10 674	9 883	719	323	10 617	8 166	1 942	509	197	370	479
Pressmen and plate printers, printing	14 904	13 996	871	431	14 818	11 563	2 729	526	215	326	571
Stationary engineers and power station operators	12 919	12 252	629	108	12 864	11 126	1 438	300	465	831	559
Other craftsmen and kindred workers	78 628	68 069	10 200	2 591	76 778	56 472	16 365	3 941	2 446	4 946	10 465

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
THE STATE—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**415 653**	**347 571**	**65 321**	**29 744**	**408 473**	**286 788**	**93 225**	**28 460**	**9 332**	**21 670**	**35 455**
Assemblers	36 762	31 301	5 248	3 726	36 123	23 850	9 740	2 533	746	1 895	3 571
Checkers, examiners, and inspectors; manufacturing	28 850	25 418	3 245	1 456	28 619	22 094	5 477	1 048	652	1 560	1 451
Garage workers and gas station attendants	21 299	19 272	1 943	410	20 553	9 346	6 087	5 120	145	696	3 800
Laundry and drycleaning operatives, n.e.c	3 633	2 558	976	151	3 537	2 372	751	414	132	307	485
Meat cutters and butchers	16 919	14 592	2 276	856	16 781	13 382	2 696	703	474	779	692
Mine operatives, n.e.c	5 072	4 973	94	26	5 008	3 386	1 355	267	423	688	297
Packers and wrappers, except produce	16 671	12 999	3 547	2 193	16 122	9 714	4 380	2 028	347	974	2 665
Painters, manufactured articles	6 689	5 527	1 092	665	6 621	4 593	1 539	489	70	334	522
Precision machine operatives	32 877	30 097	2 661	1 716	32 587	24 904	6 342	1 341	651	1 569	1 695
Sawyers	2 355	2 087	268	197	2 323	1 551	576	196	65	204	176
Stationary firemen	5 479	4 850	624	88	5 451	4 436	884	131	227	491	286
Textile operatives	781	551	207	79	772	541	183	48	62	48	100
Welders and flamecutters	32 993	28 728	4 049	2 301	32 684	23 886	7 605	1 193	337	1 133	1 346
Other metalworking operatives	26 602	21 467	4 962	3 243	26 253	18 486	6 281	1 486	663	1 578	1 929
Other specified operatives	68 281	52 168	15 368	3 529	66 245	45 921	15 637	4 687	1 899	3 885	7 854
Miscellaneous and not specified operatives	110 390	90 983	18 761	9 108	108 794	78 326	23 692	6 776	2 439	5 529	8 586
Occupation:											
Machine operatives, miscellaneous specified	44 718	36 888	7 549	3 369	44 149	32 599	9 037	2 513	1 143	2 192	3 157
Machine operatives, not specified	28 237	22 376	5 670	3 236	27 848	20 266	6 329	1 253	471	1 317	1 590
Miscellaneous operatives	24 376	20 426	3 826	1 516	23 929	16 243	5 552	2 134	550	1 345	2 542
Not specified operatives	13 059	11 293	1 716	987	12 868	9 218	2 774	876	275	675	1 297
Industry:											
Manufacturing	96 430	79 519	16 357	8 341	95 062	69 114	20 580	5 368	2 080	4 694	6 756
Durable goods	59 927	49 707	9 869	5 105	59 072	42 558	13 426	3 088	1 345	3 113	4 035
Wood products, including furniture	2 291	1 834	432	268	2 253	1 499	566	188	74	185	258
Primary metal industries	13 678	10 296	3 324	1 214	13 486	9 637	3 153	696	389	762	887
Fabricated metal industries	9 268	7 664	1 561	1 031	9 128	6 595	2 028	505	197	400	733
Machinery, including electrical	21 716	18 998	2 598	1 662	21 414	15 587	4 765	1 062	404	1 014	1 136
Motor vehicles and equipment	2 015	1 458	541	112	1 989	1 252	623	114	33	66	160
Transportation equipment, except motor vehicles	1 114	847	250	135	1 114	852	185	77	27	54	80
Other durable goods	9 845	8 610	1 163	683	9 688	7 136	2 106	446	221	632	781
Nondurable goods	35 494	29 079	6 212	3 127	35 011	25 951	6 872	2 188	689	1 514	2 589
Food and kindred products	10 326	8 076	2 201	965	10 185	7 517	2 116	552	288	501	750
Apparel and other fabricated textile products	549	435	114	36	540	332	103	105	14	9	68
Paper and allied products	5 425	4 377	988	782	5 349	3 716	1 250	383	100	216	446
Chemicals and allied products	5 776	4 731	1 025	377	5 734	4 498	1 011	225	98	246	295
Other nondurable goods	13 418	11 460	1 884	967	13 203	9 888	2 392	923	189	542	1 030
Not specified manufacturing industries	1 009	733	276	109	979	605	282	92	46	67	132
Nonmanufacturing industries	13 960	11 464	2 404	767	13 732	9 212	3 112	1 408	359	835	1 830
Transportation, communications, and other public utilities	3 989	3 365	587	253	3 962	2 971	767	224	122	286	277
Wholesale and retail trade	4 963	3 943	989	313	4 807	3 108	1 127	572	152	298	652
All other industries	5 008	4 156	828	201	4 963	3 133	1 218	612	85	251	901
Transport equipment operatives	**176 794**	**148 238**	**28 069**	**4 621**	**174 822**	**124 761**	**40 458**	**9 603**	**2 957**	**7 488**	**12 153**
Bus drivers	10 962	6 398	4 548	232	10 914	7 554	2 881	479	233	488	574
Taxicab drivers and chauffeurs	10 017	6 803	3 158	496	9 876	5 639	3 407	830	258	633	949
Truck drivers and deliverymen	115 194	103 773	11 164	2 527	114 306	83 254	25 211	5 841	1 656	4 707	7 304
Other transport equipment operatives	40 621	31 264	9 199	1 366	39 726	28 314	8 959	2 453	810	1 660	3 326
Laborers, except farm	**187 180**	**152 970**	**33 319**	**9 110**	**181 325**	**97 313**	**53 249**	**30 763**	**5 012**	**12 795**	**45 050**
Construction laborers	30 632	25 660	4 888	952	30 057	13 071	12 914	4 072	982	2 535	7 404
Freight, stock, and material handlers	86 597	73 027	13 138	3 867	84 051	45 075	22 583	16 393	1 290	3 868	17 395
Other specified laborers	38 320	29 549	8 548	1 652	36 522	20 688	9 826	6 008	1 250	3 242	13 964
Miscellaneous and not specified laborers	31 631	24 734	6 745	2 639	30 695	18 479	7 926	4 290	1 490	3 150	6 287
Occupation:											
Miscellaneous laborers	11 203	8 644	2 494	1 003	10 972	7 513	2 480	979	608	1 031	1 546
Not specified laborers	20 428	16 090	4 251	1 636	19 723	10 966	5 446	3 311	882	2 119	4 741
Industry:											
Manufacturing	17 645	13 401	4 167	1 792	17 161	10 530	4 565	2 066	658	1 478	2 842
Durable goods	12 930	9 736	3 134	1 431	12 564	7 684	3 370	1 510	426	1 024	1 868
Wood products, including furniture	467	372	95	51	434	248	111	75	26	20	63
Metal industries	7 491	5 175	2 270	913	7 304	4 644	1 854	806	222	521	1 064
Machinery, including electrical	2 526	2 129	393	196	2 444	1 405	729	310	106	223	340
Transportation equipment	703	525	178	108	687	410	222	55	9	49	113
Other durable goods	1 743	1 535	198	163	1 695	977	454	264	63	211	288
Nondurable goods	4 501	3 556	928	347	4 394	2 737	1 133	524	232	405	910
Food and kindred products	2 151	1 681	460	135	2 114	1 394	548	172	120	175	386
Not specified manufacturing industries	214	109	105	14	203	109	62	32	–	49	64
Nonmanufacturing industries	13 986	11 333	2 578	847	13 534	7 949	3 361	2 224	832	1 672	3 445
Railroads and railway express service	2 805	2 176	612	392	2 721	1 914	574	233	334	575	443
Transportation, except railroads	837	637	195	31	816	469	209	138	44	47	164
Communications, and utilities and sanitary services	2 101	1 652	444	53	2 070	1 515	418	137	114	198	267
Wholesale and retail trade	3 955	3 269	664	193	3 824	2 050	938	836	139	315	991
All other industries	4 288	3 599	663	178	4 103	2 001	1 222	880	201	537	1 580
Farmers and farm managers	**76 611**	**76 112**	**465**	**112**	**75 963**	**65 819**	**7 518**	**2 626**	**2 753**	**5 789**	**10 074**
Farm laborers and farm foremen	**23 554**	**22 663**	**826**	**613**	**22 631**	**12 197**	**5 280**	**5 154**	**887**	**2 656**	**10 174**
Paid farm laborers and farm foremen	20 949	20 126	758	613	20 241	10 751	4 834	4 656	802	2 367	8 651
Unpaid family workers	2 605	2 537	68	–	2 390	1 446	446	498	85	289	1 523
Service workers, except private household[1]	**236 907**	**191 005**	**43 450**	**8 312**	**230 240**	**148 973**	**51 970**	**29 297**	**7 111**	**18 565**	**40 111**
Cleaning service workers	82 509	63 747	18 404	3 011	80 682	53 240	18 082	9 360	3 003	7 707	12 155
Food service workers	53 689	44 575	7 503	3 319	51 237	23 753	15 165	12 319	1 024	4 018	13 014
Cooks, except private household	18 602	14 382	3 350	1 105	17 930	9 087	5 363	3 480	365	1 339	3 337
Busboys and dishwashers	11 404	9 910	1 371	932	10 407	2 425	3 148	4 834	205	930	5 262
Health service workers	5 322	4 019	1 250	148	5 167	3 214	1 124	829	189	390	968
Personal service workers	21 317	17 917	3 292	663	20 809	13 498	4 910	2 401	592	1 825	5 446
Protective service workers	53 184	46 815	6 294	677	52 743	42 827	7 835	2 081	1 433	3 053	3 006
Firemen, fire protection	8 427	8 160	262	29	8 390	7 610	716	64	115	221	145
Guards and watchmen	18 638	15 544	3 050	281	18 387	12 998	3 908	1 481	996	2 060	2 105
Policemen and detectives	23 521	20 736	2 765	319	23 422	20 466	2 626	330	245	537	502
Private household workers	**1 413**	**630**	**755**	**32**	**1 338**	**637**	**350**	**351**	**18**	**215**	**334**
Unemployed persons, last worked 1959 or earlier[2]	**1 137**	**687**	**440**	**32**	...	...	...	...	...	...	...

[1]Includes allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
THE STATE—Continued											
Female, 16 years old and over	**1 746 960**	**1 515 293**	**217 368**	**45 013**	**1 668 802**	**888 869**	**511 240**	**268 693**	**145 428**	**359 977**	**416 978**
Professional, technical, and kindred workers	**251 900**	**224 432**	**22 685**	**3 424**	**245 373**	**100 031**	**109 899**	**35 443**	**15 309**	**39 150**	**46 258**
Accountants	10 177	9 366	678	190	9 928	7 209	1 634	1 085	545	1 553	1 223
Computer specialists	3 087	2 897	152	49	3 057	2 203	600	254	38	304	329
Librarians	5 568	5 174	301	66	5 434	2 434	2 260	740	258	593	800
Mathematical specialists	699	634	54	–	695	473	163	59	66	105	76
Life and physical scientists	1 751	1 511	124	49	1 698	1 219	344	135	127	293	171
Registered nurses, dietitians, and therapists	48 852	42 339	4 191	787	47 912	26 844	14 749	6 319	3 330	8 370	7 761
Dietitians	2 003	1 368	515	111	1 944	1 204	520	220	166	338	291
Registered nurses	43 272	37 727	3 397	640	42 493	23 933	12 978	5 582	3 043	7 489	7 028
Health technologists and technicians	9 863	8 211	1 238	259	9 628	6 009	2 353	1 266	721	1 689	1 370
Social scientists	1 234	1 060	137	10	1 234	720	386	128	51	113	144
Social and recreation workers	8 117	6 124	1 915	237	7 883	4 738	2 127	1 018	351	1 318	2 821
Teachers: College and university	7 682	7 146	449	137	7 519	2 161	4 019	1 339	223	810	1 087
Elementary and prekindergarten	69 881	62 947	6 613	563	68 561	11 658	45 959	10 944	4 692	12 374	13 531
Secondary	26 199	24 493	1 633	208	25 791	4 641	17 037	4 113	1 454	3 935	4 213
Other teachers	6 590	6 088	420	64	6 413	2 155	3 002	1 256	297	846	991
Engineering and science technicians	4 695	4 244	324	164	4 579	3 024	1 082	473	246	750	773
Technicians, except health, and engineering and science	920	780	111	14	907	556	253	98	18	121	114
Writers, artists, and entertainers	14 115	13 304	643	171	13 752	7 062	4 261	2 429	1 000	2 115	3 278
Actors and dancers	442	413	24	38	420	93	204	123	57	128	158
Authors, editors, and reporters	5 189	4 977	167	15	5 111	2 975	1 491	645	362	776	872
Other professional, technical, and kindred workers	32 470	28 114	3 702	456	30 382	16 925	9 670	3 787	1 892	3 861	7 576
Managers and administrators, except farm	**50 416**	**46 864**	**3 311**	**552**	**49 444**	**36 384**	**9 811**	**3 249**	**3 047**	**7 030**	**6 893**
Buyers, purchasing agents, and sales managers	8 039	7 673	344	63	7 930	6 214	1 294	422	505	1 159	762
Restaurant, cafeteria, and bar managers	4 537	4 253	258	28	4 425	2 650	1 328	447	382	866	860
School administrators	3 013	2 651	355	43	2 989	1 219	1 619	151	103	216	201
Other specified managers and administrators	13 124	11 865	1 183	99	12 669	9 520	2 078	1 071	864	1 770	2 576
Managers and administrators, n.e.c., salaried	17 129	16 121	921	270	16 965	13 306	2 724	935	864	2 288	1 841
Wholesale and retail trade	5 495	5 220	248	103	5 457	4 220	884	353	221	697	663
Managers and administrators, n.e.c., self-employed	4 574	4 301	250	49	4 466	3 475	768	223	329	731	653
Wholesale and retail trade	2 793	2 647	136	33	2 720	2 139	425	156	232	443	350
Sales workers	**127 638**	**119 865**	**7 395**	**1 844**	**120 727**	**55 388**	**36 490**	**28 849**	**11 550**	**31 690**	**44 340**
Demonstrators, hucksters, and peddlers	5 933	5 781	147	44	5 212	1 479	1 751	1 982	395	1 924	2 984
Insurance, real estate agents, and brokers	7 133	6 786	339	111	6 908	4 154	1 865	889	345	1 041	1 356
Sales clerks, retail trade	88 984	83 774	4 930	1 267	85 217	37 596	26 083	21 538	8 825	23 767	30 132
Salesmen, retail trade	3 902	3 668	220	52	3 765	2 032	1 078	655	226	710	1 033
Other sales workers	21 686	19 856	1 759	370	19 625	10 127	5 713	3 785	1 759	4 248	8 835
Clerical and kindred workers	**680 376**	**605 669**	**70 577**	**12 446**	**656 891**	**398 211**	**163 051**	**95 629**	**62 747**	**136 582**	**149 038**
Bank tellers	12 028	11 293	707	293	11 753	7 396	2 793	1 564	912	2 318	2 062
Bookkeepers	75 459	71 740	3 174	914	73 845	51 924	14 851	7 070	6 219	13 435	11 485
Cashiers	47 812	42 731	4 812	888	45 622	20 256	13 945	11 421	3 396	9 987	14 575
Counter clerks, except food	12 784	11 135	1 601	266	12 240	6 334	3 427	2 479	918	2 727	3 201
Enumerators and interviewers	2 493	2 186	297	34	1 777	411	519	847	424	595	1 342
File clerks	26 661	21 465	4 955	786	25 364	12 712	6 861	5 791	2 936	6 154	7 822
Office machine operators	34 053	28 795	4 946	993	33 139	20 745	8 144	4 250	3 539	6 849	6 121
Bookkeeping and billing machine operators	5 335	4 754	552	173	5 202	3 340	1 264	598	677	1 199	799
Keypunch operators	19 718	16 275	3 247	682	19 151	11 773	4 906	2 472	1 853	3 719	3 439
Payroll and timekeeping clerks	8 159	7 379	731	84	8 017	5 986	1 458	573	767	1 318	1 016
Receptionists	18 681	17 247	1 345	256	17 827	9 027	5 079	3 721	1 740	4 192	4 510
Secretaries	170 123	162 357	7 001	2 556	166 767	111 845	38 350	16 572	17 490	35 211	29 571
Stenographers	6 613	6 220	370	78	6 451	4 585	1 214	652	964	1 620	1 113
Telephone operators	23 242	20 280	2 944	282	22 581	13 589	5 536	3 456	2 820	5 425	4 566
Typists	72 764	63 712	8 489	1 634	70 412	38 962	18 622	12 828	7 989	17 002	18 150
Other clerical and kindred workers	169 504	139 129	29 205	3 382	161 096	94 439	42 252	24 405	12 633	29 749	43 504
Craftsmen and kindred workers	**32 397**	**27 607**	**4 582**	**1 207**	**31 495**	**20 023**	**8 447**	**3 025**	**2 187**	**5 396**	**5 708**
Foremen, n.e.c.	8 024	7 250	729	215	7 947	6 369	1 334	244	385	1 040	734
Operatives, except transport	**260 906**	**214 071**	**44 435**	**18 851**	**248 105**	**136 187**	**78 380**	**33 538**	**23 516**	**63 368**	**62 689**
Assemblers	47 434	41 301	5 764	4 638	45 240	23 904	15 035	6 301	3 716	12 465	11 700
Bottling and canning operatives	1 091	939	143	14	1 061	509	338	214	168	335	299
Checkers, examiners, and inspectors; manufacturing	25 925	22 509	3 255	1 315	25 262	15 491	7 328	2 443	1 981	5 657	4 844
Dressmakers and seamstresses, except factory	5 009	4 382	499	157	4 807	2 315	1 709	783	646	1 385	974
Laundry and drycleaning operatives, including ironers	12 249	7 605	4 495	428	11 555	6 743	3 347	1 465	1 504	3 305	3 043
Graders and sorters, manufacturing	986	752	229	65	927	509	264	154	194	466	364
Packers and wrappers, except produce	30 885	25 200	5 405	2 589	29 394	14 478	9 425	5 491	2 592	7 657	8 510
Sewers and stitchers	21 100	17 716	3 076	1 475	20 323	10 811	7 382	2 130	2 745	6 497	4 167
Textile operatives	1 023	927	90	68	923	460	283	180	186	327	247
Other specified operatives	61 498	49 427	11 583	4 235	57 049	32 272	17 224	7 553	5 832	13 952	16 682
Miscellaneous and not specified operatives	53 706	43 313	9 896	3 867	51 564	28 695	16 045	6 824	3 952	11 322	11 859
Manufacturing	49 163	40 032	8 688	3 728	47 348	26 435	14 736	6 177	3 563	10 180	10 437
Durable goods	27 406	22 990	4 166	2 310	26 467	15 133	7 920	3 414	1 772	5 510	5 189
Machinery, including electrical	14 108	11 920	2 034	1 138	13 647	7 608	4 302	1 737	765	2 764	2 518
Other durable goods	13 298	11 070	2 132	1 172	12 820	7 525	3 618	1 677	1 007	2 746	2 671
Nondurable goods, including not specified manufacturing	21 757	17 042	4 522	1 418	20 881	11 302	6 816	2 763	1 791	4 670	5 248
Food and kindred products	4 583	3 378	1 180	199	4 437	2 409	1 478	550	511	1 073	1 204
Apparel and other fabricated textile products	1 740	1 430	296	158	1 634	839	592	203	189	347	309
Nonmanufacturing industries	4 543	3 281	1 208	139	4 216	2 260	1 309	647	389	1 142	1 422
Transport equipment operatives	**6 578**	**5 951**	**612**	**96**	**6 313**	**2 198**	**2 942**	**1 173**	**151**	**739**	**1 195**
Laborers, except farm	**21 212**	**15 924**	**5 153**	**954**	**19 977**	**9 884**	**5 959**	**4 134**	**1 399**	**4 113**	**6 271**
Farmers and farm managers	**2 582**	**2 316**	**256**	**–**	**2 440**	**2 004**	**261**	**175**	**128**	**297**	**651**
Farm laborers and farm foremen	**3 161**	**2 628**	**506**	**56**	**2 731**	**1 335**	**686**	**710**	**408**	**1 443**	**3 455**
Paid farm laborers and farm foremen	1 996	1 493	476	56	1 717	539	529	649	321	1 249	2 623
Unpaid family workers	1 165	1 135	30	–	1 014	796	157	61	87	194	832
Service workers, except private household[1]	**269 654**	**223 935**	**44 102**	**5 003**	**252 102**	**113 739**	**84 393**	**53 970**	**21 190**	**60 389**	**79 327**
Cleaning service workers	31 840	22 719	8 980	822	30 157	17 137	8 419	4 601	2 538	6 750	6 759
Chambermaids and maids	7 844	4 530	3 262	115	7 355	3 592	2 249	1 514	813	2 199	2 435
Food service workers	108 381	97 628	9 986	1 738	101 018	36 004	38 240	26 774	9 586	28 211	37 629
Cooks, except private household	27 040	23 386	3 497	283	25 765	10 559	10 746	4 460	2 440	6 601	6 515
Waiters and food counter workers	59 151	55 578	3 148	943	54 498	17 734	19 857	16 907	5 422	16 891	25 222
Health service workers	56 722	43 485	12 927	1 017	53 955	28 885	14 865	10 205	3 607	11 374	13 437
Nursing aides, orderlies, and attendants	34 969	26 206	8 601	583	32 816	16 873	9 191	6 752	2 153	7 655	9 378
Practical nurses	11 101	7 888	3 164	232	10 823	6 401	2 964	1 458	613	1 772	1 600
Personal service workers	43 184	38 021	4 966	888	41 256	19 553	13 957	7 746	2 895	9 283	10 198
Hairdressers and cosmetologists	24 563	22 475	1 983	528	23 586	11 842	8 019	3 725	1 818	5 957	4 283
Private household workers	**36 473**	**23 121**	**13 016**	**495**	**33 204**	**13 485**	**10 921**	**8 798**	**3 796**	**9 780**	**11 153**
Private household workers, living in	3 183	2 262	857	154	3 096	2 118	703	275	14	35	74
Private household workers, living out	33 290	20 859	12 159	341	30 108	11 367	10 218	8 523	3 782	9 745	11 079
Unemployed persons, last worked 1959 or earlier[2]	**3 667**	**2 910**	**738**	**85**	...	...	...	...	...	...	...

[1]Includes protective service workers and allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
CHICAGO SMSA											
Male, 16 years old and over	**1 806 047**	**1 543 720**	**245 704**	**80 549**	**1 780 814**	**1 313 777**	**359 589**	**107 448**	**31 936**	**79 911**	**141 694**
Professional, technical, and kindred workers	**269 789**	**249 585**	**15 179**	**5 581**	**267 839**	**203 004**	**51 544**	**13 291**	**1 953**	**6 066**	**12 598**
Accountants	26 171	24 972	777	418	26 031	22 171	2 779	1 081	271	727	764
Architects	2 743	2 580	37	50	2 737	2 315	342	80	10	54	52
Computer specialists	9 402	8 877	394	159	9 353	8 037	995	321	–	54	199
Engineers	49 778	47 774	909	694	49 590	43 934	4 509	1 147	428	1 176	1 385
Aeronautical and astronautical	101	101	–	–	101	74	27	–	–	–	5
Civil	6 024	5 606	160	151	5 987	5 218	593	176	38	181	221
Electrical and electronic	11 950	11 434	261	177	11 924	10 633	1 038	253	130	330	329
Mechanical	7 583	7 255	120	81	7 554	6 754	628	172	64	188	210
Other engineers	24 120	23 378	368	285	24 024	21 255	2 223	546	196	477	620
Lawyers and judges	12 818	12 464	300	113	12 760	10 541	1 862	357	36	146	359
Life and physical scientists	6 838	6 105	377	137	6 796	5 797	749	250	75	113	244
Chemists	5 244	4 665	324	114	5 202	4 410	600	192	59	70	171
Physicians, dentists, and related practitioners	19 194	17 547	827	844	19 086	13 176	5 206	704	150	444	612
Dentists	3 443	3 251	142	15	3 416	1 505	1 849	62	47	103	105
Pharmacists	3 986	3 679	275	35	3 976	3 134	653	189	47	96	162
Physicians, medical and osteopathic	9 911	8 852	354	774	9 850	7 092	2 337	421	35	177	331
Other related practitioners	1 854	1 765	56	20	1 844	1 445	367	32	21	68	14
Health technologists and technicians	2 846	2 139	536	178	2 820	1 934	597	289	17	134	422
Religious workers	6 033	5 469	505	59	5 990	4 874	920	196	28	117	348
Social scientists	4 451	4 314	114	48	4 445	3 592	646	207	23	73	153
Social and recreation workers	3 969	3 015	922	149	3 874	2 406	942	526	18	179	1 075
Teachers	35 041	31 690	3 035	556	34 818	14 630	17 167	3 021	184	611	1 416
College and university	8 174	7 671	259	136	8 119	4 349	3 030	740	42	190	584
Elementary and prekindergarten	8 008	6 649	1 342	121	7 942	2 681	4 324	937	44	91	262
Secondary	16 562	15 267	1 251	228	16 470	6 143	9 171	1 156	82	267	399
Engineering and science technicians	23 530	21 734	1 318	853	23 354	18 608	3 506	1 240	166	554	1 494
Draftsmen and surveyors	12 541	11 693	597	482	12 456	9 992	1 808	656	110	290	780
Electrical and electronic engineering technicians	4 036	3 792	181	166	4 006	3 256	638	112	–	42	152
Technicians, except health, and engineering and science	4 984	4 787	185	76	4 978	4 182	709	87	10	45	121
Airplane pilots	2 419	2 413	6	36	2 419	2 058	342	19	–	11	33
Writers, artists, and entertainers	24 765	23 131	1 264	455	24 574	18 556	4 503	1 515	178	579	1 496
Other professional, technical, and kindred workers	37 226	32 987	3 679	792	36 633	28 251	6 112	2 270	359	1 060	2 458
Managers and administrators, except farm	**195 216**	**186 549**	**7 645**	**2 612**	**194 341**	**172 312**	**19 100**	**2 929**	**2 426**	**6 224**	**5 458**
Buyers, purchasing agents, and sales managers	34 003	33 193	699	429	33 890	30 943	2 570	377	264	869	518
School administrators	4 121	3 819	284	34	4 109	2 675	1 404	30	14	84	80
Specified managers and administrators, public administration	7 388	6 497	880	106	7 350	6 500	738	112	118	290	370
Other specified managers and administrators	34 769	32 576	1 924	489	34 472	28 766	4 769	937	597	1 409	1 657
Managers and administrators, n.e.c., salaried	99 572	96 075	3 016	1 276	99 287	90 653	7 478	1 156	1 039	2 639	2 172
Manufacturing	35 198	34 508	509	443	35 133	32 614	2 164	355	444	954	652
Wholesale and retail trade	26 055	24 663	1 211	401	25 945	23 426	2 147	372	220	570	574
Transportation, communications, and other public utilities	9 405	9 127	261	100	9 386	8 727	586	73	128	412	244
All other industries	28 914	27 777	1 035	332	28 823	25 886	2 581	356	247	703	702
Managers and administrators, n.e.c., self-employed	15 363	14 389	842	278	15 233	12 775	2 141	317	394	933	661
Construction	2 336	2 243	80	5	2 307	1 574	698	35	55	167	126
Manufacturing	1 756	1 729	27	4	1 746	1 563	158	25	55	78	55
Wholesale and retail trade	7 273	6 732	521	214	7 216	6 351	747	118	214	493	290
All other industries	3 998	3 685	214	55	3 964	3 287	538	139	70	195	190
Sales workers	**140 032**	**131 853**	**7 496**	**2 440**	**138 724**	**108 994**	**22 539**	**7 191**	**1 716**	**4 629**	**8 425**
Insurance agents, brokers, and underwriters	15 255	14 141	1 036	309	15 203	12 774	2 109	320	168	365	329
Real estate agents and brokers	5 662	5 388	274	36	5 621	4 291	1 107	223	61	271	263
Sales representatives, manufacturing industries	24 040	23 401	570	233	23 966	21 088	2 458	420	214	622	632
Sales representatives, wholesale trade	26 634	25 840	623	336	26 548	22 663	3 281	604	280	621	679
Sales clerks, retail trade	29 489	26 619	2 657	866	29 013	18 597	6 793	3 623	409	1 350	3 851
Salesmen, retail trade	11 945	11 146	771	191	11 872	9 215	2 125	532	166	356	580
Salesmen of services and construction	7 762	7 551	163	94	7 719	6 208	1 210	301	92	237	379
Other sales workers	19 245	17 767	1 402	375	18 782	14 158	3 456	1 168	326	807	1 712
Clerical and kindred workers	**170 953**	**141 880**	**27 190**	**6 510**	**168 396**	**123 904**	**31 308**	**13 184**	**3 307**	**8 339**	**16 547**
Bank tellers and cashiers	5 633	4 812	715	310	5 510	3 489	1 399	622	145	337	869
Bookkeepers and billing clerks	13 189	12 040	920	434	13 083	10 617	1 800	666	273	873	868
Mail handlers and postal clerks	22 095	13 750	8 187	464	21 773	16 418	3 947	1 408	562	987	2 316
Other clerical and kindred workers	130 036	111 278	17 368	5 302	128 030	93 380	24 162	10 488	2 327	6 142	12 494
Craftsmen and kindred workers	**386 207**	**345 607**	**38 471**	**14 719**	**382 872**	**288 929**	**81 657**	**12 286**	**8 027**	**17 344**	**20 037**
Apparel craftsmen and upholsterers	3 838	3 263	544	260	3 785	2 721	859	205	236	535	300
Bakers	4 044	3 217	791	486	3 989	2 944	865	180	130	240	216
Cabinetmakers	1 902	1 725	167	90	1 896	1 347	457	92	95	152	185
Construction craftsmen	88 125	81 037	6 809	2 404	87 393	52 675	31 601	3 117	2 076	4 345	5 525
Carpenters	23 375	22 234	1 057	551	23 221	12 882	9 504	835	772	1 223	1 422
Excavating, grading, and road machine operators	4 275	3 830	442	181	4 243	2 458	1 675	110	36	152	200
Electricians	18 067	16 837	1 159	452	17 951	13 916	3 718	317	250	577	728
Masons and tile setters	7 836	6 928	892	180	7 777	3 450	4 010	317	192	413	512
Painters, construction and maintenance, and paperhangers	11 911	10 252	1 598	536	11 704	5 844	4 977	883	342	913	1 564
Plasterers and cement finishers	3 215	2 626	589	90	3 174	1 285	1 756	133	116	205	236
Plumbers and pipe fitters	13 917	13 209	676	206	13 810	10 071	3 469	270	276	583	571
Other construction craftsmen	5 529	5 121	396	208	5 513	2 769	2 492	252	92	279	292
Foremen, n.e.c	58 129	53 600	4 202	1 934	58 006	51 724	5 708	574	980	2 458	1 586
Manufacturing	38 328	35 464	2 671	1 336	38 257	34 590	3 331	336	727	1 481	936
Nonmanufacturing industries	19 801	18 136	1 531	598	19 749	17 134	2 377	238	253	977	650
Linemen and servicemen, telephone and power	12 698	11 443	1 232	336	12 594	10 441	1 583	570	146	296	342
Locomotive engineers and firemen	2 609	2 462	147	62	2 600	1 877	664	59	160	289	119
Mechanics and repairmen	77 689	67 896	9 127	3 397	77 144	60 604	13 723	2 817	1 012	2 531	2 900
Air conditioning, heating, and refrigeration	3 793	3 531	236	51	3 785	2 847	844	94	18	61	116
Aircraft	2 028	1 941	68	37	2 023	1 678	283	62	5	–	40
Automobile, including body	26 736	22 194	4 289	1 159	26 485	20 125	5 250	1 110	214	747	988
Radio and television	4 813	3 996	765	299	4 761	3 667	900	194	47	134	197
Other mechanics and repairmen	40 319	36 234	3 769	1 851	40 090	32 287	6 446	1 357	728	1 589	1 559
Metal craftsmen, except mechanics	52 462	48 271	3 936	2 410	52 154	41 381	9 574	1 199	1 147	2 265	1 954
Machinists and job and die setters	22 081	20 071	1 856	1 339	21 942	17 650	3 828	464	379	940	817
Sheetmetal workers and tinsmiths	6 313	6 137	161	110	6 279	4 421	1 632	226	82	215	256
Tool and die makers	12 573	12 193	330	352	12 551	10 317	2 009	225	316	403	356
Other metal craftsmen	11 495	9 870	1 589	609	11 382	8 993	2 105	284	370	707	525
Printing craftsmen	24 109	22 188	1 784	870	23 977	18 305	4 729	943	420	763	908
Compositors and typesetters	8 025	7 268	690	300	7 982	5 960	1 642	380	155	263	352
Pressmen and plate printers, printing	11 760	10 901	822	399	11 682	8 931	2 320	431	167	272	419
Stationary engineers and power station operators	7 979	7 388	557	97	7 954	6 929	860	165	242	428	292
Other craftsmen and kindred workers	52 623	43 117	9 175	2 373	51 380	37 981	11 034	2 365	1 383	3 042	5 710

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
CHICAGO SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**247 738**	**189 073**	**56 303**	**27 876**	**243 028**	**169 720**	**56 806**	**16 502**	**5 186**	**12 509**	**20 408**
Assemblers	21 270	16 921	4 177	3 525	20 847	13 676	5 576	1 595	391	1 144	2 073
Checkers, examiners, and inspectors; manufacturing	18 321	15 269	2 870	1 415	18 132	13 875	3 495	762	392	1 000	821
Garage workers and gas station attendants	10 558	8 785	1 699	372	10 228	4 148	3 505	2 575	51	330	1 920
Laundry and drycleaning operatives, n.e.c	2 479	1 497	893	98	2 417	1 630	516	271	89	191	288
Meat cutters and butchers	10 805	8 703	2 051	806	10 729	8 440	1 868	421	340	525	396
Mine operatives, n.e.c	324	269	55	26	316	188	96	32	29	55	30
Packers and wrappers, except produce	11 806	8 449	3 238	2 140	11 361	6 640	3 247	1 474	258	656	1 903
Painters, manufactured articles	3 666	2 729	873	616	3 615	2 571	809	235	36	200	279
Precision machine operatives	19 510	17 299	2 123	1 586	19 303	14 766	3 742	795	401	976	926
Sawyers	1 067	828	239	185	1 062	756	249	57	40	65	59
Stationary firemen	2 975	2 472	498	73	2 965	2 429	487	49	72	217	128
Textile operatives	593	373	197	79	588	412	152	24	51	40	90
Welders and flamecutters	16 711	13 062	3 474	2 066	16 520	12 284	3 717	519	164	575	675
Other metalworking operatives	17 464	13 116	4 191	3 088	17 211	12 109	4 134	968	377	1 080	1 302
Other specified operatives	44 309	30 272	13 439	3 325	42 894	29 600	10 506	2 788	1 103	2 163	4 544
Miscellaneous and not specified operatives	65 880	49 029	16 286	8 476	64 840	46 196	14 707	3 937	1 392	3 292	4 974
Occupation:											
Machine operatives, miscellaneous specified	26 057	19 375	6 438	3 127	25 678	18 852	5 441	1 385	685	1 320	1 785
Machine operatives, not specified	17 727	12 450	5 109	3 047	17 460	12 282	4 390	788	262	791	938
Miscellaneous operatives	14 881	11 436	3 338	1 369	14 610	9 955	3 381	1 274	275	781	1 581
Not specified operatives	7 215	5 768	1 401	933	7 092	5 107	1 495	490	170	400	670
Industry:											
Manufacturing	57 281	42 647	14 149	7 757	56 383	40 529	12 712	3 142	1 209	2 814	4 010
Durable goods	34 579	25 922	8 356	4 665	34 036	24 339	8 004	1 693	780	1 781	2 403
Wood products, including furniture	1 475	1 040	410	268	1 444	1 012	318	114	48	96	171
Primary metal industries	7 855	4 998	2 810	994	7 718	5 404	1 950	364	222	441	553
Fabricated metal industries	6 183	4 766	1 383	982	6 091	4 376	1 434	281	153	290	408
Machinery, including electrical	12 280	9 912	2 261	1 539	12 103	8 826	2 709	568	234	554	705
Motor vehicles and equipment	1 109	690	406	104	1 093	714	306	73	23	32	93
Transportation equipment, except motor vehicles	750	562	177	135	750	539	156	55	5	46	57
Other durable goods	4 927	3 954	909	643	4 837	3 468	1 131	238	95	322	416
Nondurable goods	21 999	16 269	5 546	2 988	21 664	15 771	4 511	1 382	387	980	1 535
Food and kindred products	5 825	3 831	1 955	922	5 725	4 104	1 296	325	149	301	425
Apparel and other fabricated textile products	279	188	91	36	274	205	45	24	8	–	44
Paper and allied products	3 733	2 743	935	752	3 674	2 578	832	264	75	150	297
Chemicals and allied products	3 550	2 657	873	363	3 527	2 723	667	137	57	150	180
Other nondurable goods	8 612	6 850	1 692	915	8 464	6 161	1 671	632	98	379	589
Not specified manufacturing industries	703	456	247	104	683	419	197	67	42	53	72
Nonmanufacturing industries	8 599	6 382	2 137	719	8 457	5 667	1 995	795	183	478	964
Transportation, communications, and other public utilities	2 621	2 095	501	223	2 607	1 948	526	133	63	159	160
Wholesale and retail trade	3 081	2 150	900	302	2 978	1 895	743	340	89	179	371
All other industries	2 897	2 137	736	194	2 872	1 824	726	322	31	140	433
Transport equipment operatives	**111 332**	**85 206**	**25 703**	**4 231**	**110 076**	**78 410**	**26 311**	**5 355**	**1 800**	**4 596**	**6 657**
Bus drivers	8 400	4 003	4 393	218	8 373	6 000	2 049	324	157	370	385
Taxicab drivers and chauffeurs	8 399	5 298	3 045	476	8 278	4 664	2 976	638	197	443	658
Truck drivers and deliverymen	69 316	59 028	10 061	2 294	68 856	50 398	15 501	2 957	1 007	2 794	3 799
Other transport equipment operatives	25 217	16 877	8 204	1 243	24 569	17 348	5 785	1 436	439	989	1 815
Laborers, except farm	**114 163**	**85 413**	**27 962**	**8 356**	**110 496**	**59 965**	**32 184**	**18 347**	**2 482**	**6 885**	**24 903**
Construction laborers	14 764	10 595	4 094	908	14 474	6 857	6 020	1 597	404	989	3 379
Freight, stock, and material handlers	59 810	47 679	11 722	3 674	58 034	30 754	15 895	11 385	800	2 573	11 454
Other specified laborers	23 082	15 798	7 096	1 553	21 948	12 853	5 892	3 203	596	1 788	6 871
Miscellaneous and not specified laborers	16 507	11 341	5 050	2 221	16 040	9 501	4 377	2 162	682	1 535	3 199
Occupation:											
Miscellaneous laborers	5 679	3 959	1 677	832	5 581	3 833	1 310	438	208	437	729
Not specified laborers	10 828	7 382	3 373	1 389	10 459	5 668	3 067	1 724	474	1 098	2 470
Industry:											
Manufacturing	9 297	6 088	3 159	1 555	9 044	5 471	2 522	1 051	377	801	1 464
Durable goods	6 838	4 462	2 333	1 219	6 651	4 032	1 852	767	231	586	977
Wood products, including furniture	258	194	64	51	243	120	74	49	16	10	27
Metal industries	4 288	2 542	1 712	749	4 183	2 748	1 041	394	137	334	567
Machinery, including electrical	1 171	880	287	176	1 134	562	388	184	57	127	187
Transportation equipment	423	297	126	93	418	248	134	36	4	20	57
Other durable goods	698	549	144	150	673	354	215	104	17	95	139
Nondurable goods	2 294	1 559	728	322	2 239	1 356	615	268	146	180	454
Food and kindred products	951	575	376	128	947	585	272	90	79	79	167
Not specified manufacturing industries	165	67	98	14	154	83	55	16	–	35	33
Nonmanufacturing industries	7 210	5 253	1 891	666	6 996	4 030	1 855	1 111	305	734	1 735
Railroads and railway express service	865	547	305	290	840	560	231	49	69	156	142
Transportation, except railroads	563	379	179	24	548	306	173	69	34	30	95
Communications, and utilities and sanitary services	1 324	959	360	46	1 299	971	261	67	65	123	119
Wholesale and retail trade	1 991	1 463	506	142	1 941	1 052	500	389	65	161	532
All other industries	2 467	1 905	541	164	2 368	1 141	690	537	72	264	847
Farmers and farm managers	**4 753**	**4 473**	**255**	**60**	**4 666**	**3 987**	**468**	**211**	**318**	**510**	**794**
Farm laborers and farm foremen	**3 543**	**3 013**	**490**	**501**	**3 345**	**1 589**	**1 156**	**600**	**126**	**376**	**1 064**
Paid farm laborers and farm foremen	3 258	2 774	444	501	3 084	1 459	1 105	520	96	318	928
Unpaid family workers	285	239	46	–	261	130	51	80	30	58	136
Service workers, except private household[1]	**160 412**	**120 253**	**37 949**	**7 612**	**156 053**	**102 447**	**36 265**	**17 341**	**4 582**	**12 277**	**24 602**
Cleaning service workers	52 495	36 755	15 434	2 771	51 329	33 830	12 028	5 471	1 905	4 999	7 095
Food service workers	36 365	28 205	6 633	3 087	34 846	17 199	10 584	7 063	690	2 777	8 047
Cooks, except private household	13 541	9 709	2 988	983	13 120	7 238	3 837	2 045	259	998	1 980
Busboys and dishwashers	7 255	6 037	1 107	899	6 657	1 732	2 027	2 898	153	646	3 316
Health service workers	2 939	1 862	1 053	116	2 850	1 656	675	519	35	174	582
Personal service workers	14 550	11 403	3 049	633	14 187	9 087	3 590	1 510	436	1 312	3 549
Protective service workers	38 810	32 992	5 769	549	38 507	31 266	5 883	1 358	961	1 943	1 831
Firemen, fire protection	6 207	5 981	226	29	6 176	5 577	550	49	81	158	77
Guards and watchmen	12 642	9 781	2 822	202	12 483	8 684	2 823	976	687	1 285	1 310
Policemen and detectives	18 427	15 872	2 545	284	18 347	16 045	2 087	215	147	356	288
Private household workers	**1 031**	**336**	**672**	**25**	**978**	**516**	**251**	**211**	**13**	**156**	**201**
Unemployed persons, last worked 1959 or earlier[2]	**878**	**479**	**389**	**26**	...	...	...	...	...	...	...

[1]Includes allocated cases not shown separately. [2]See text for explanation.

Table 172. Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
CHICAGO SMSA—Continued											
Female, 16 years old and over	**1 139 782**	**936 403**	**190 669**	**40 983**	**1 093 334**	**588 303**	**341 256**	**163 775**	**93 831**	**226 856**	**241 716**
Professional, technical, and kindred workers	**164 336**	**139 798**	**20 127**	**2 908**	**160 543**	**66 633**	**71 701**	**22 209**	**10 385**	**26 140**	**27 153**
Accountants	7 421	6 665	623	178	7 275	5 352	1 305	618	424	1 127	784
Computer specialists	2 510	2 342	147	49	2 489	1 750	499	240	24	238	271
Librarians	3 487	3 173	234	56	3 435	1 509	1 519	407	173	303	419
Mathematical specialists	634	573	50	–	630	440	141	49	51	82	76
Life and physical scientists	1 435	1 199	124	49	1 405	1 032	269	104	108	253	92
Registered nurses, dietitians, and therapists	30 524	24 401	3 843	703	29 943	16 054	10 041	3 848	2 084	5 404	4 411
Dietitians	1 270	697	453	94	1 230	715	384	131	101	198	162
Registered nurses	27 132	21 851	3 166	591	26 655	14 351	8 872	3 432	1 912	4 850	3 971
Health technologists and technicians	6 832	5 324	1 108	229	6 688	4 184	1 672	832	504	1 154	896
Social scientists	1 011	870	127	–	1 011	603	306	102	44	69	109
Social and recreation workers	5 589	3 863	1 653	189	5 456	3 164	1 584	708	259	846	1 697
Teachers: College and university	3 696	3 320	330	85	3 641	1 134	1 902	605	129	490	554
Elementary and prekindergarten	43 464	37 334	5 847	471	42 667	6 824	28 974	6 869	3 132	8 297	7 804
Secondary	15 814	14 320	1 425	136	15 596	2 647	10 538	2 411	1 002	2 574	2 553
Other teachers	4 077	3 673	349	57	3 974	1 343	1 855	776	191	537	565
Engineering and science technicians	3 280	2 885	281	156	3 198	2 128	760	310	177	531	509
Technicians, except health, and engineering and science	562	460	73	14	556	343	162	51	9	75	68
Writers, artists, and entertainers	10 727	9 997	578	158	10 480	5 482	3 233	1 765	760	1 530	2 191
Actors and dancers	331	307	19	38	309	83	137	89	53	100	125
Authors, editors, and reporters	3 939	3 737	163	15	3 897	2 280	1 154	463	268	608	599
Other professional, technical, and kindred workers	23 273	19 399	3 335	378	22 099	12 644	6 941	2 514	1 314	2 630	4 154
Managers and administrators, except farm	**33 218**	**29 965**	**3 033**	**495**	**32 679**	**23 672**	**6 994**	**2 013**	**1 900**	**4 351**	**3 600**
Buyers, purchasing agents, and sales managers	5 753	5 428	310	57	5 679	4 438	963	278	366	778	476
Restaurant, cafeteria, and bar managers	2 304	2 078	205	28	2 245	1 256	748	241	229	376	420
School administrators	2 256	1 934	315	30	2 246	861	1 296	89	58	160	104
Other specified managers and administrators	8 163	6 988	1 108	74	7 944	5 900	1 428	616	437	988	1 162
Managers and administrators, n.e.c., salaried	12 536	11 571	878	263	12 432	9 667	2 083	682	616	1 609	1 084
Wholesale and retail trade	3 745	3 485	233	103	3 727	2 785	664	278	130	472	348
Managers and administrators, n.e.c., self-employed	2 206	1 966	217	43	2 133	1 550	476	107	194	440	354
Wholesale and retail trade	1 291	1 157	124	27	1 244	931	246	67	126	287	181
Sales workers	**83 928**	**77 014**	**6 572**	**1 666**	**79 766**	**35 258**	**25 480**	**19 028**	**7 011**	**19 446**	**25 772**
Demonstrators, hucksters, and peddlers	2 346	2 220	121	44	2 078	607	750	721	193	982	1 271
Insurance, real estate agents, and brokers	5 157	4 830	319	96	5 015	2 968	1 419	628	249	741	972
Sales clerks, retail trade	59 132	54 524	4 354	1 154	56 701	23 311	18 573	14 817	5 370	14 673	18 234
Salesmen, retail trade	2 210	1 991	209	46	2 142	1 030	675	437	105	417	565
Other sales workers	15 083	13 449	1 569	326	13 830	7 342	4 063	2 425	1 094	2 633	4 730
Clerical and kindred workers	**482 691**	**413 737**	**65 157**	**11 417**	**467 500**	**282 870**	**119 822**	**64 808**	**44 161**	**95 198**	**96 970**
Bank tellers	7 819	7 169	622	264	7 628	4 530	2 054	1 044	602	1 558	1 317
Bookkeepers	47 560	44 192	2 866	811	46 602	32 601	9 922	4 079	3 904	8 453	6 555
Cashiers	31 963	27 342	4 366	800	30 651	12 991	10 008	7 652	2 106	6 640	8 866
Counter clerks, except food	9 449	7 882	1 519	256	9 068	4 792	2 528	1 748	646	1 967	2 248
Enumerators and interviewers	1 245	956	279	34	1 067	316	362	389	255	400	856
File clerks	21 058	16 236	4 605	779	20 074	9 859	5 675	4 540	2 329	4 880	5 819
Office machine operators	25 901	20 959	4 639	944	25 332	15 823	6 384	3 125	2 756	5 222	4 473
Bookkeeping and billing machine operators	4 191	3 653	509	165	4 100	2 586	1 034	480	524	882	604
Keypunch operators	14 681	11 471	3 023	651	14 336	8 789	3 784	1 763	1 449	2 770	2 514
Payroll and timekeeping clerks	5 946	5 181	716	84	5 852	4 352	1 090	410	546	928	721
Receptionists	12 485	11 190	1 215	205	11 962	6 030	3 547	2 385	1 201	2 689	2 753
Secretaries	116 936	110 053	6 198	2 300	115 030	78 657	26 132	10 241	12 642	24 059	18 263
Stenographers	3 904	3 561	326	74	3 827	2 605	808	414	562	1 012	708
Telephone operators	17 229	14 505	2 706	264	16 727	9 883	4 286	2 558	1 711	3 587	3 196
Typists	54 462	46 321	7 631	1 500	52 912	29 025	14 543	9 344	5 960	12 669	12 941
Other clerical and kindred workers	126 734	98 190	27 469	3 102	120 768	71 406	32 483	16 879	8 941	21 134	28 254
Craftsmen and kindred workers	**21 214**	**16 832**	**4 203**	**1 129**	**20 701**	**13 545**	**5 446**	**1 710**	**1 352**	**3 348**	**3 162**
Foremen, n.e.c	5 914	5 174	695	209	5 849	4 765	927	157	256	705	456
Operatives, except transport	**171 719**	**130 205**	**39 371**	**17 880**	**163 263**	**90 124**	**52 197**	**20 942**	**15 062**	**39 931**	**38 159**
Assemblers	32 456	27 210	4 914	4 448	30 987	16 448	10 311	4 228	2 644	8 200	7 668
Bottling and canning operatives	498	387	111	14	488	238	173	77	86	104	93
Checkers, examiners, and inspectors; manufacturing	17 545	14 377	3 033	1 203	17 101	10 496	5 009	1 596	1 265	3 582	3 065
Dressmakers and seamstresses, except factory	3 193	2 600	482	130	3 059	1 442	1 141	476	404	933	582
Laundry and drycleaning operatives, including ironers	6 447	2 598	3 733	363	6 096	3 537	1 858	701	882	1 840	1 572
Graders and sorters, manufacturing	572	348	219	59	524	321	140	63	90	231	184
Packers and wrappers, except produce	22 032	16 884	4 882	2 481	20 962	10 250	6 818	3 894	1 903	5 418	5 878
Sewers and stitchers	10 830	7 866	2 693	1 398	10 414	5 497	3 869	1 048	1 330	3 376	1 882
Textile operatives	455	363	86	47	413	194	155	64	69	172	116
Other specified operatives	41 928	31 218	10 264	4 039	38 916	22 438	11 820	4 658	3 915	8 820	9 591
Miscellaneous and not specified operatives	35 763	26 354	8 954	3 698	34 303	19 263	10 903	4 137	2 474	7 255	7 528
Manufacturing	32 739	24 465	7 867	3 564	31 513	17 704	10 042	3 767	2 256	6 542	6 684
Durable goods	17 619	13 759	3 642	2 175	17 020	9 729	5 247	2 044	1 057	3 452	3 232
Machinery, including electrical	9 484	7 533	1 824	1 094	9 170	5 228	2 867	1 075	441	1 688	1 593
Other durable goods	8 135	6 226	1 818	1 081	7 850	4 501	2 380	969	616	1 764	1 639
Nondurable goods, including not specified manufacturing	15 120	10 706	4 225	1 389	14 493	7 975	4 795	1 723	1 199	3 090	3 452
Food and kindred products	3 138	2 039	1 074	193	3 036	1 676	1 083	277	343	666	598
Apparel and other fabricated textile products	742	469	259	145	678	357	224	97	81	168	166
Nonmanufacturing industries	3 024	1 889	1 087	134	2 790	1 559	861	370	218	713	844
Transport equipment operatives	**3 759**	**3 189**	**559**	**88**	**3 613**	**1 320**	**1 683**	**610**	**99**	**428**	**677**
Laborers, except farm	**13 993**	**9 227**	**4 640**	**849**	**13 143**	**6 460**	**4 100**	**2 583**	**915**	**2 680**	**3 734**
Farmers and farm managers	**670**	**456**	**209**	**–**	**641**	**543**	**73**	**25**	**55**	**120**	**151**
Farm laborers and farm foremen	**953**	**555**	**382**	**30**	**778**	**260**	**328**	**190**	**170**	**512**	**392**
Paid farm laborers and farm foremen	751	383	352	30	605	141	293	171	142	433	250
Unpaid family workers	202	172	30	–	173	119	35	19	28	79	142
Service workers, except private household[1]	**142 049**	**105 398**	**35 473**	**3 996**	**133 401**	**60 263**	**47 326**	**25 812**	**10 653**	**29 929**	**36 973**
Cleaning service workers	18 741	11 532	7 109	722	17 732	10 382	5 238	2 112	1 685	3 798	3 508
Chambermaids and maids	4 354	1 726	2 592	108	4 078	2 064	1 317	697	462	1 121	1 227
Food service workers	53 281	44 839	7 905	1 342	50 046	18 115	19 614	12 317	4 100	12 745	16 610
Cooks, except private household	9 304	6 710	2 497	193	8 855	3 911	3 489	1 455	732	2 212	2 147
Waiters and food counter workers	32 691	29 683	2 710	745	30 592	10 180	12 026	8 386	2 480	8 179	11 742
Health service workers	27 803	17 162	10 412	757	26 507	13 464	8 096	4 947	1 730	5 143	6 241
Nursing aides, orderlies, and attendants	15 770	8 996	6 672	414	14 814	7 152	4 714	2 948	921	3 283	4 109
Practical nurses	5 792	3 026	2 733	171	5 638	3 284	1 673	681	299	766	818
Personal service workers	23 684	19 498	4 027	691	22 697	10 575	8 119	4 003	1 698	5 605	5 583
Hairdressers and cosmetologists	12 582	10 755	1 734	411	12 100	5 916	4 259	1 925	1 020	3 649	2 321
Private household workers	**18 737**	**8 172**	**10 296**	**448**	**17 306**	**7 355**	**6 106**	**3 845**	**2 068**	**4 773**	**4 973**
Private household workers, living in	2 280	1 394	822	154	2 227	1 471	556	200	9	15	45
Private household workers, living out	16 457	6 778	9 474	294	15 079	5 884	5 550	3 645	2 059	4 758	4 928
Unemployed persons, last worked 1959 or earlier[2]	**2 515**	**1 855**	**647**	**77**	...	...	...	...	...	...	...

[1]Includes protective service workers and allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA											
Male, 16 years old and over	**93 000**	**90 460**	**2 285**	**1 668**	**91 881**	**68 245**	**17 836**	**5 800**	**2 018**	**4 758**	**7 493**
Professional, technical, and kindred workers	**11 704**	**11 560**	**109**	**129**	**11 645**	**9 183**	**2 079**	**383**	**92**	**304**	**422**
Accountants	954	954	–	–	949	845	77	27	9	24	14
Architects	47	47	–	–	47	47	–	–	–	5	–
Computer specialists	321	321	–	13	321	306	15	–	–	–	–
Engineers	2 764	2 748	6	18	2 759	2 506	176	77	33	95	49
Aeronautical and astronautical	4	4	–	–	4	4	–	–	–	–	–
Civil	284	278	–	–	284	238	23	23	10	21	–
Electrical and electronic	318	318	–	5	318	272	32	14	–	17	–
Mechanical	627	623	–	–	627	571	48	8	5	22	16
Other engineers	1 531	1 525	6	13	1 526	1 421	73	32	18	35	33
Lawyers and judges	353	353	–	–	353	314	25	14	–	4	4
Life and physical scientists	195	195	–	–	195	179	16	–	–	4	5
Chemists	170	170	–	–	170	164	6	–	–	4	5
Physicians, dentists, and related practitioners	764	759	–	11	755	511	238	6	8	22	25
Dentists	157	157	–	–	153	59	88	6	4	5	–
Pharmacists	126	126	–	–	126	107	19	–	–	7	19
Physicians, medical and osteopathic	345	340	–	11	340	243	97	–	4	4	–
Other related practitioners	136	136	–	–	136	102	34	–	–	6	6
Health technologists and technicians	106	106	–	–	106	77	29	–	–	–	11
Religious workers	394	375	19	–	389	360	22	7	–	–	29
Social scientists	141	141	–	7	141	129	12	–	–	–	–
Social and recreation workers	150	150	–	6	150	82	44	24	–	9	18
Teachers	1 872	1 822	40	34	1 866	833	930	103	5	11	53
College and university	411	400	6	7	411	197	193	21	–	–	12
Elementary and prekindergarten	346	329	17	14	346	159	156	31	5	–	14
Secondary	1 035	1 013	17	13	1 029	422	556	51	–	11	27
Engineering and science technicians	1 315	1 296	15	–	1 306	1 095	152	59	5	24	32
Draftsmen and surveyors	757	748	5	–	748	610	107	31	5	18	15
Electrical and electronic engineering technicians	153	153	–	–	153	127	26	–	–	–	6
Technicians, except health, and engineering and science	132	132	–	–	132	127	5	–	–	–	–
Airplane pilots	28	28	–	–	28	28	–	–	–	–	–
Writers, artists, and entertainers	737	737	–	11	737	602	100	35	5	50	84
Other professional, technical, and kindred workers	1 459	1 424	29	29	1 439	1 170	238	31	27	56	98
Managers and administrators, except farm	**8 721**	**8 673**	**40**	**91**	**8 680**	**7 667**	**830**	**183**	**171**	**231**	**297**
Buyers, purchasing agents, and sales managers	1 388	1 388	–	–	1 383	1 287	74	22	5	13	21
School administrators	270	270	–	–	270	161	94	15	14	9	5
Specified managers and administrators, public administration	568	564	–	10	564	504	44	16	25	18	39
Other specified managers and administrators	1 564	1 560	–	17	1 564	1 320	195	49	45	53	91
Managers and administrators, n.e.c., salaried	3 950	3 918	32	56	3 933	3 550	317	66	49	91	96
Manufacturing	1 290	1 275	15	29	1 285	1 187	87	11	17	26	5
Wholesale and retail trade	1 276	1 272	4	27	1 270	1 112	122	36	4	44	40
Transportation, communications, and other public utilities	394	394	–	–	388	374	14	–	–	11	34
All other industries	990	977	13	–	990	877	94	19	28	10	17
Managers and administrators, n.e.c., self-employed	981	973	8	8	966	845	106	15	33	47	45
Construction	191	191	–	–	184	132	48	4	7	6	11
Manufacturing	60	60	–	–	60	56	4	–	13	9	–
Wholesale and retail trade	526	526	–	8	518	471	47	–	13	32	21
All other industries	204	196	8	–	204	186	7	11	–	–	13
Sales workers	**6 161**	**6 139**	**16**	**29**	**6 121**	**4 874**	**959**	**288**	**105**	**259**	**465**
Insurance agents, brokers, and underwriters	797	797	–	7	797	642	129	26	–	–	31
Real estate agents and brokers	328	328	–	–	328	273	50	5	9	20	9
Sales representatives, manufacturing industries	681	677	4	6	681	638	43	–	24	31	38
Sales representatives, wholesale trade	1 259	1 250	3	8	1 259	1 161	89	9	8	15	75
Sales clerks, retail trade	1 331	1 322	9	–	1 315	858	326	131	29	96	165
Salesmen, retail trade	740	740	–	8	736	593	122	21	8	40	39
Salesmen of services and construction	304	304	–	–	300	196	82	22	–	6	37
Other sales workers	721	721	–	–	705	513	118	74	27	51	71
Clerical and kindred workers	**6 312**	**6 173**	**110**	**110**	**6 260**	**4 854**	**1 009**	**397**	**137**	**364**	**445**
Bank tellers and cashiers	191	191	–	–	191	107	50	34	5	7	35
Bookkeepers and billing clerks	480	463	11	–	480	390	53	37	4	50	27
Mail handlers and postal clerks	649	633	16	7	649	552	46	51	15	44	48
Other clerical and kindred workers	4 992	4 886	83	103	4 940	3 805	860	275	113	263	335
Craftsmen and kindred workers	**20 559**	**20 118**	**422**	**327**	**20 421**	**15 503**	**4 175**	**743**	**517**	**1 166**	**1 108**
Apparel craftsmen and upholsterers	66	66	–	8	66	56	10	–	–	5	–
Bakers	101	89	12	–	101	81	15	5	6	–	4
Cabinetmakers	72	72	–	–	72	54	18	–	–	–	–
Construction craftsmen	5 276	5 199	72	53	5 243	3 232	1 752	259	105	310	399
Carpenters	1 502	1 484	18	–	1 491	747	640	104	61	84	110
Excavating, grading, and road machine operators	524	509	15	13	524	341	161	22	–	12	39
Electricians	1 185	1 176	4	21	1 185	919	250	16	–	30	20
Masons and tile setters	320	320	–	6	315	140	162	13	–	25	21
Painters, construction and maintenance, and paperhangers	466	454	12	13	454	209	206	39	29	103	146
Plasterers and cement finishers	199	180	19	–	199	72	107	20	–	5	13
Plumbers and pipe fitters	798	794	4	–	798	674	103	21	15	39	27
Other construction craftsmen	282	282	–	–	277	130	123	24	–	12	23
Foremen, n.e.c	3 063	3 026	37	18	3 058	2 789	232	37	83	157	107
Manufacturing	2 150	2 125	25	11	2 145	1 991	129	25	53	126	60
Nonmanufacturing industries	913	901	12	7	913	798	103	12	30	31	47
Linemen and servicemen, telephone and power	582	575	7	–	582	494	59	29	–	13	17
Locomotive engineers and firemen	113	113	–	–	113	94	19	–	5	14	7
Mechanics and repairmen	4 341	4 262	74	64	4 320	3 436	698	186	93	145	165
Air conditioning, heating, and refrigeration	197	197	–	–	197	126	51	20	11	11	10
Aircraft	50	50	–	–	41	25	11	5	–	–	–
Automobile, including body	1 526	1 475	46	30	1 521	1 199	237	85	9	36	46
Radio and television	142	142	–	–	142	113	29	–	10	5	–
Other mechanics and repairmen	2 426	2 398	28	34	2 419	1 973	370	76	63	93	109
Metal craftsmen, except mechanics	3 519	3 381	134	120	3 509	2 739	684	86	115	320	87
Machinists and job and die setters	1 291	1 271	16	12	1 291	1 026	228	37	65	107	19
Sheetmetal workers and tinsmiths	347	347	–	13	347	216	115	16	10	26	12
Tool and die makers	795	795	–	29	795	668	117	10	21	54	18
Other metal craftsmen	1 086	968	118	66	1 076	829	224	23	19	133	38
Printing craftsmen	494	494	–	6	494	425	48	21	14	10	11
Compositors and typesetters	222	222	–	–	222	170	35	17	5	–	11
Pressmen and plate printers, printing	221	221	–	6	221	209	8	4	9	5	–
Stationary engineers and power station operators	254	248	6	–	254	204	39	11	6	34	13
Other craftsmen and kindred workers	2 678	2 593	80	58	2 609	1 899	601	109	90	158	298

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**16 605**	**15 827**	**709**	**549**	**16 384**	**11 412**	**3 865**	**1 107**	**428**	**1 035**	**998**
Assemblers	2 120	2 050	70	85	2 098	1 313	638	147	69	174	118
Checkers, examiners, and inspectors, manufacturing	961	935	26	25	957	737	194	26	48	114	31
Garage workers and gas station attendants	771	765	6	6	750	335	260	155	10	–	153
Laundry and drycleaning operatives, n.e.c	147	142	5	21	128	60	28	40	–	12	25
Meat cutters and butchers	634	620	14	8	634	469	132	33	5	23	27
Mine operatives, n.e.c	49	49	–	–	49	35	8	6	–	5	–
Packers and wrappers, except produce	424	416	3	19	404	260	102	42	5	10	24
Painters, manufactured articles	368	341	27	5	364	265	80	19	5	15	21
Precision machine operatives	1 957	1 871	75	65	1 936	1 377	435	124	40	107	100
Sawyers	137	127	10	–	122	94	28	–	–	15	12
Stationary firemen	144	144	–	8	144	119	19	6	17	20	5
Textile operatives	23	23	–	–	23	16	–	7	7	–	–
Welders and flamecutters	1 817	1 769	39	71	1 817	1 295	445	77	18	91	54
Other metalworking operatives	1 041	940	101	31	1 036	724	235	77	37	92	46
Other specified operatives	2 114	1 948	143	50	2 077	1 495	446	136	35	108	199
Miscellaneous and not specified operatives	3 898	3 687	190	155	3 845	2 818	815	212	132	249	183
Occupation:											
Machine operatives, miscellaneous specified	1 510	1 443	58	63	1 491	1 031	372	88	44	92	70
Machine operatives, not specified	1 133	1 045	88	29	1 125	922	176	27	33	51	48
Miscellaneous operatives	804	766	26	63	793	570	162	61	39	85	60
Not specified operatives	451	433	18	–	436	295	105	36	16	21	5
Industry:											
Manufacturing	3 423	3 232	174	141	3 381	2 531	661	189	103	208	137
Durable goods	2 824	2 655	157	120	2 782	2 136	543	103	78	155	110
Wood products, including furniture	34	34	–	–	34	21	7	6	3	6	–
Primary metal industries	780	752	28	35	767	631	117	19	13	22	10
Fabricated metal industries	189	184	5	–	184	126	53	5	–	–	9
Machinery, including electrical	1 365	1 264	93	53	1 351	998	312	41	40	97	67
Motor vehicles and equipment	64	64	–	8	64	37	17	10	–	–	5
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	4	–	–
Other durable goods	392	357	31	24	382	323	37	22	18	30	19
Nondurable goods	584	562	17	21	584	386	118	80	25	53	27
Food and kindred products	331	316	10	21	331	240	81	10	10	22	14
Apparel and other fabricated textile products	47	47	–	–	47	4	10	33	–	–	–
Paper and allied products	48	48	–	–	48	32	–	16	–	6	4
Chemicals and allied products	24	21	3	–	24	14	6	4	–	4	4
Other nondurable goods	134	130	4	–	134	96	21	17	15	21	5
Not specified manufacturing industries	15	15	–	–	15	9	–	6	–	–	–
Nonmanufacturing industries	475	455	16	14	464	287	154	23	29	41	46
Transportation, communications, and other public utilities	86	77	5	5	86	55	27	4	16	29	–
Wholesale and retail trade	177	172	5	9	171	110	61	–	3	8	34
All other industries	212	206	6	–	207	122	66	19	10	4	12
Transport equipment operatives	**5 635**	**5 413**	**213**	**88**	**5 576**	**3 996**	**1 255**	**325**	**47**	**213**	**366**
Bus drivers	116	111	5	–	116	39	56	21	–	10	3
Taxicab drivers and chauffeurs	143	134	9	–	138	87	22	29	5	10	32
Truck drivers and deliverymen	3 892	3 756	130	62	3 854	2 759	892	203	28	132	220
Other transport equipment operatives	1 484	1 412	69	26	1 468	1 111	285	72	14	61	111
Laborers, except farm	**6 368**	**5 969**	**368**	**217**	**6 150**	**3 251**	**1 836**	**1 063**	**149**	**447**	**1 450**
Construction laborers	1 081	1 022	54	21	1 052	405	433	214	15	45	243
Freight, stock, and material handlers	2 558	2 452	106	50	2 490	1 353	659	478	35	152	420
Other specified laborers	1 400	1 257	122	54	1 321	754	345	222	38	132	587
Miscellaneous and not specified laborers	1 329	1 238	86	92	1 287	739	399	149	61	118	200
Occupation:											
Miscellaneous laborers	389	354	30	55	382	230	111	41	24	49	34
Not specified laborers	940	884	56	37	905	509	288	108	37	69	166
Industry:											
Manufacturing	840	780	55	59	823	505	238	80	31	64	76
Durable goods	685	633	47	52	679	406	198	75	24	48	61
Wood products, including furniture	32	26	6	–	32	17	8	7	–	–	7
Metal industries	383	360	18	23	383	236	108	39	5	8	27
Machinery, including electrical	228	205	23	14	222	143	56	23	9	18	11
Transportation equipment	21	21	–	15	21	5	10	6	–	–	–
Other durable goods	21	21	–	–	21	5	16	–	10	22	16
Nondurable goods	155	147	8	7	144	99	40	5	7	16	15
Food and kindred products	118	110	8	7	107	74	28	5	7	5	15
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	489	458	31	33	464	234	161	69	30	54	124
Railroads and railway express service	55	41	14	22	55	30	20	5	13	26	6
Transportation, except railroads	30	30	–	–	30	19	11	–	–	–	3
Communications, and utilities and sanitary services	35	30	5	7	35	19	16	–	7	6	3
Wholesale and retail trade	196	184	12	4	190	83	71	36	10	18	26
All other industries	173	173	–	–	154	83	43	28	–	4	86
Farmers and farm managers	**3 468**	**3 463**	**5**	**–**	**3 424**	**3 035**	**272**	**117**	**120**	**168**	**295**
Farm laborers and farm foremen	**887**	**882**	**5**	**–**	**856**	**492**	**155**	**209**	**47**	**73**	**404**
Paid farm laborers and farm foremen	687	682	5	–	661	380	126	155	47	61	323
Unpaid family workers	200	200	–	–	195	112	29	54	–	12	81
Service workers, except private household[1]	**6 527**	**6 193**	**285**	**128**	**6 336**	**3 963**	**1 401**	**972**	**205**	**498**	**1 237**
Cleaning service workers	2 440	2 306	127	65	2 393	1 544	502	347	97	261	390
Food service workers	1 588	1 501	56	31	1 500	591	469	440	44	92	469
Cooks, except private household	526	500	16	8	509	179	204	126	11	18	154
Busboys and dishwashers	411	377	26	15	363	56	94	213	15	35	205
Health service workers	122	99	23	14	122	83	34	5	14	13	36
Personal service workers	584	578	6	–	545	337	109	99	11	40	112
Protective service workers	1 326	1 287	33	13	1 322	1 082	199	41	39	73	106
Firemen, fire protection	272	272	–	–	272	250	22	–	6	11	20
Guards and watchmen	493	481	12	13	489	349	105	35	29	58	63
Policemen and detectives	476	459	17	–	476	408	62	6	4	–	16
Private household workers	**28**	**25**	**3**	**–**	**28**	**15**	**–**	**13**	**–**	**–**	**6**
Unemployed persons, last worked 1959 or earlier[2]	**25**	**25**	**–**	**–**	...	...	...	...	...	...	...

[1]Includes allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA—Continued											
Female, 16 years old and over	**53 088**	**51 218**	**1 702**	**758**	**50 692**	**27 215**	**14 499**	**8 978**	**5 238**	**13 482**	**14 007**
Professional, technical, and kindred workers	**7 857**	**7 680**	**165**	**42**	**7 662**	**3 002**	**3 314**	**1 346**	**619**	**1 341**	**1 788**
Accountants	394	394	–	–	388	262	46	80	25	69	25
Computer specialists	96	96	–	–	96	96	–	–	4	11	10
Librarians	156	138	18	–	156	58	70	28	23	19	30
Mathematical specialists	8	4	4	–	8	4	4	–	6	12	–
Life and physical scientists	9	9	–	–	9	5	4	–	10	5	5
Registered nurses, dietitians, and therapists	1 797	1 780	12	6	1 777	1 047	454	276	175	336	343
Dietitians	58	54	4	6	58	37	5	16	10	19	9
Registered nurses	1 529	1 521	8	–	1 513	900	410	203	152	268	290
Health technologists and technicians	320	315	5	5	300	199	62	39	31	37	41
Social scientists	5	5	–	–	5	5	–	–	–	–	–
Social and recreation workers	160	128	32	8	160	82	56	22	–	37	88
Teachers: College and university	199	194	5	6	199	62	97	40	–	38	33
Elementary and prekindergarten	2 296	2 252	41	10	2 238	365	1 446	427	180	420	497
Secondary	929	920	9	7	923	141	584	198	33	94	191
Other teachers	263	259	4	–	257	64	154	39	19	25	31
Engineering and science technicians	108	108	–	–	103	52	33	18	–	20	27
Technicians, except health, and engineering and science	32	32	–	–	32	22	10	–	–	5	–
Writers, artists, and entertainers	322	322	–	–	312	151	67	94	18	57	164
Actors and dancers	–	–	–	–	–	–	–	–	–	5	5
Authors, editors, and reporters	82	82	–	–	82	56	5	21	6	4	16
Other professional, technical, and kindred workers	763	724	35	–	699	387	227	85	95	156	303
Managers and administrators, except farm	**1 604**	**1 585**	**14**	**23**	**1 577**	**1 249**	**250**	**78**	**119**	**225**	**257**
Buyers, purchasing agents, and sales managers	269	269	–	–	269	230	33	6	12	38	15
Restaurant, cafeteria, and bar managers	202	193	9	–	202	167	29	6	39	47	40
School administrators	70	70	–	–	70	30	40	–	7	4	5
Other specified managers and administrators	430	425	–	23	420	328	63	29	29	70	123
Managers and administrators, n.e.c., salaried	461	456	5	–	449	352	65	32	23	57	63
Wholesale and retail trade	130	125	5	–	130	95	23	12	–	21	26
Managers and administrators, n.e.c., self-employed	172	172	–	–	167	142	20	5	9	9	11
Wholesale and retail trade	101	101	–	–	96	86	5	5	9	5	8
Sales workers	**4 086**	**4 052**	**34**	**35**	**3 874**	**1 871**	**1 086**	**917**	**536**	**1 201**	**1 443**
Demonstrators, hucksters, and peddlers	364	361	3	–	323	81	74	168	15	88	194
Insurance, real estate agents, and brokers	208	208	–	–	208	149	40	19	16	53	75
Sales clerks, retail trade	2 813	2 787	26	29	2 699	1 288	828	583	369	879	854
Salesmen, retail trade	122	122	–	–	118	68	19	31	34	44	64
Other sales workers	579	574	5	6	526	285	125	116	102	137	256
Clerical and kindred workers	**19 211**	**18 908**	**255**	**154**	**18 552**	**11 672**	**4 280**	**2 600**	**2 110**	**4 785**	**4 418**
Bank tellers	404	404	–	12	390	292	65	33	28	87	79
Bookkeepers	2 481	2 463	18	13	2 432	1 714	499	219	172	570	268
Cashiers	1 543	1 516	27	24	1 443	689	429	325	122	360	491
Counter clerks, except food	312	306	6	–	308	150	80	78	20	64	95
Enumerators and interviewers	40	40	–	–	27	10	8	9	13	61	51
File clerks	375	371	4	10	370	199	86	85	42	129	166
Office machine operators	983	969	10	21	963	665	200	98	76	238	160
Bookkeeping and billing machine operators	173	173	–	–	173	131	23	19	19	16	10
Keypunch operators	581	567	10	21	566	367	135	64	41	129	77
Payroll and timekeeping clerks	203	203	–	–	203	185	13	5	52	26	28
Receptionists	606	596	10	–	567	263	144	160	108	203	193
Secretaries	4 811	4 758	38	39	4 704	3 177	1 110	417	484	1 222	972
Stenographers	285	276	9	–	285	216	42	27	46	74	47
Telephone operators	516	510	6	12	511	330	114	67	131	201	69
Typists	1 905	1 836	51	11	1 832	1 083	471	278	300	520	467
Other clerical and kindred workers	4 747	4 660	76	12	4 517	2 699	1 019	799	516	1 030	1 332
Craftsmen and kindred workers	**849**	**846**	**3**	**6**	**825**	**500**	**209**	**116**	**75**	**251**	**246**
Foremen, n.e.c.	118	118	–	–	118	98	20	–	16	32	33
Operatives, except transport	**5 199**	**4 862**	**307**	**155**	**4 971**	**2 833**	**1 362**	**776**	**602**	**1 729**	**1 279**
Assemblers	636	590	36	28	599	327	191	81	100	258	132
Bottling and canning operatives	18	18	–	–	18	4	5	9	–	–	–
Checkers, examiners, and inspectors; manufacturing	225	217	8	–	225	151	49	25	44	92	80
Dressmakers and seamstresses, except factory	210	210	–	–	194	106	52	36	46	69	53
Laundry and drycleaning operatives, including ironers	592	557	31	30	568	390	133	45	43	198	144
Graders and sorters, manufacturing	25	25	–	6	25	14	5	6	5	15	10
Packers and wrappers, except produce	844	772	72	32	815	401	282	132	62	192	250
Sewers and stitchers	481	445	31	16	463	257	135	71	82	222	112
Textile operatives	4	4	–	–	4	–	4	–	–	–	5
Other specified operatives	1 284	1 231	42	22	1 202	665	302	235	118	392	284
Miscellaneous and not specified operatives	880	793	87	21	858	518	204	136	102	291	209
Manufacturing	702	627	75	21	687	440	149	98	90	247	174
Durable goods	324	302	22	16	324	205	95	24	56	50	61
Machinery, including electrical	101	97	4	–	101	74	17	10	36	18	20
Other durable goods	223	205	18	16	223	131	78	14	20	32	41
Nondurable goods, including not specified manufacturing	378	325	53	5	363	235	54	74	34	197	113
Food and kindred products	146	111	35	–	141	112	–	29	10	69	44
Apparel and other fabricated textile products	49	36	13	–	44	22	22	–	14	28	4
Nonmanufacturing industries	178	166	12	–	171	78	55	38	12	44	35
Transport equipment operatives	**338**	**338**	–	–	**322**	**94**	**125**	**103**	**6**	**46**	**41**
Laborers, except farm	**583**	**541**	**42**	**8**	**524**	**271**	**122**	**131**	**51**	**171**	**249**
Farmers and farm managers	**142**	**137**	**5**	–	**117**	**108**	–	**9**	–	**9**	**49**
Farm laborers and farm foremen	**109**	**100**	**9**	**6**	**105**	**73**	**7**	**25**	**15**	**40**	**158**
Paid farm laborers and farm foremen	46	37	9	6	42	15	7	20	10	30	98
Unpaid family workers	63	63	–	–	63	58	–	5	5	10	60
Service workers, except private household[1]	**11 678**	**10 952**	**659**	**309**	**10 893**	**5 092**	**3 327**	**2 474**	**985**	**3 345**	**3 651**
Cleaning service workers	1 485	1 298	187	57	1 420	805	304	311	122	400	335
Chambermaids and maids	341	265	76	5	310	193	52	65	31	138	138
Food service workers	5 344	5 166	160	127	4 896	1 777	1 797	1 322	434	1 670	1 867
Cooks, except private household	1 366	1 257	104	33	1 331	525	542	264	95	349	322
Waiters and food counter workers	2 834	2 822	8	70	2 494	819	849	826	236	1 062	1 226
Health service workers	2 468	2 256	198	73	2 360	1 372	542	446	190	625	600
Nursing aides, orderlies, and attendants	1 627	1 442	171	59	1 556	915	307	334	123	433	448
Practical nurses	337	314	23	6	321	187	104	30	23	79	59
Personal service workers	1 379	1 337	36	47	1 326	670	420	236	133	379	387
Hairdressers and cosmetologists	814	790	18	22	777	408	259	110	102	220	201
Private household workers	**1 349**	**1 139**	**204**	**20**	**1 270**	**450**	**417**	**403**	**120**	**339**	**428**
Private household workers, living in	72	69	3	7	72	52	11	9	–	–	–
Private household workers, living out	1 277	1 070	201	13	1 198	398	406	394	120	339	428
Unemployed persons, last worked 1959 or earlier[2]	**83**	**78**	**5**	–	...	...	...	...	...	...	...

[1]Includes protective service workers and allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
PEORIA SMSA											
Male, 16 years old and over	**89 192**	**86 145**	**2 528**	**588**	**88 240**	**64 487**	**17 812**	**5 941**	**2 070**	**4 208**	**7 808**
Professional, technical, and kindred workers	**11 302**	**11 098**	**136**	**137**	**11 247**	**8 611**	**2 175**	**461**	**56**	**179**	**410**
Accountants	726	720	6	–	726	638	71	17	10	22	21
Architects	102	102	–	–	102	102	–	–	–	–	–
Computer specialists	427	424	3	–	427	376	35	16	–	–	5
Engineers	2 479	2 465	–	42	2 473	2 183	206	84	5	46	66
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–
Civil	332	323	–	13	332	295	27	10	–	15	23
Electrical and electronic	255	255	–	–	255	226	16	13	–	6	9
Mechanical	564	564	–	8	564	507	47	10	5	6	23
Other engineers	1 328	1 323	–	21	1 322	1 155	116	51	–	19	11
Lawyers and judges	351	351	–	13	351	288	57	6	–	–	–
Life and physical scientists	288	269	15	–	288	264	19	5	4	–	9
Chemists	229	214	15	–	229	214	15	–	4	–	9
Physicians, dentists, and related practitioners	752	724	6	32	752	599	149	4	–	11	20
Dentists	99	99	–	–	99	63	36	–	–	–	7
Pharmacists	198	198	–	–	198	170	24	4	–	–	5
Physicians, medical and osteopathic	353	331	–	32	353	284	69	–	–	–	8
Other related practitioners	102	96	6	–	102	82	20	–	–	11	–
Health technologists and technicians	122	122	–	–	122	90	21	11	–	–	6
Religious workers	419	419	–	5	419	364	44	11	4	11	13
Social scientists	171	166	–	–	171	131	40	–	–	–	–
Social and recreation workers	120	106	14	–	120	82	26	12	–	–	15
Teachers	1 906	1 855	38	24	1 896	804	1 002	90	6	18	41
College and university	479	463	8	14	474	235	230	9	–	12	15
Elementary and prekindergarten	409	403	6	–	404	169	212	23	6	–	12
Secondary	885	865	15	10	885	314	530	41	–	6	14
Engineering and science technicians	1 177	1 172	5	9	1 167	964	143	60	–	26	74
Draftsmen and surveyors	669	669	–	–	659	544	88	27	–	21	51
Electrical and electronic engineering technicians	77	77	–	–	77	72	5	–	–	–	–
Technicians, except health, and engineering and science	88	88	–	–	88	73	10	5	4	–	–
Airplane pilots	27	27	–	–	27	27	–	–	–	–	–
Writers, artists, and entertainers	718	696	17	12	712	566	87	59	5	5	94
Other professional, technical, and kindred workers	1 456	1 419	32	–	1 433	1 087	265	81	18	40	46
Managers and administrators, except farm	**8 227**	**8 129**	**93**	**36**	**8 196**	**7 184**	**853**	**159**	**145**	**257**	**234**
Buyers, purchasing agents, and sales managers	1 304	1 294	10	–	1 304	1 167	110	27	14	31	42
School administrators	305	299	6	–	305	190	115	–	–	6	23
Specified managers and administrators, public administration	235	235	–	–	235	217	9	9	18	21	6
Other specified managers and administrators	1 453	1 414	39	17	1 433	1 219	170	44	29	57	58
Managers and administrators, n.e.c., salaried	3 994	3 951	38	19	3 983	3 595	332	56	45	94	79
Manufacturing	1 234	1 223	6	–	1 234	1 135	89	10	24	46	24
Wholesale and retail trade	1 280	1 274	6	6	1 280	1 154	115	11	–	15	32
Transportation, communications, and other public utilities	372	368	4	–	365	344	11	10	8	9	–
All other industries	1 108	1 086	22	13	1 104	962	117	25	13	24	23
Managers and administrators, n.e.c., self-employed	936	936	–	–	936	796	117	23	39	48	26
Construction	144	144	–	–	144	91	53	–	17	–	5
Manufacturing	41	41	–	–	41	36	5	–	–	–	6
Wholesale and retail trade	564	564	–	–	564	510	40	14	17	28	15
All other industries	187	187	–	–	187	159	19	9	5	20	–
Sales workers	**5 591**	**5 541**	**50**	**33**	**5 565**	**4 379**	**894**	**292**	**111**	**250**	**424**
Insurance agents, brokers, and underwriters	798	793	5	8	798	678	120	–	5	37	5
Real estate agents and brokers	261	261	–	–	261	209	42	10	9	29	–
Sales representatives, manufacturing industries	765	760	5	13	765	665	90	10	6	19	14
Sales representatives, wholesale trade	1 141	1 136	5	–	1 141	964	147	30	10	21	15
Sales clerks, retail trade	1 168	1 147	21	5	1 152	756	243	153	24	47	223
Salesmen, retail trade	667	662	5	–	667	529	110	28	16	38	35
Salesmen of services and construction	222	222	–	–	222	158	53	11	5	16	27
Other sales workers	569	560	9	7	559	420	89	50	36	43	105
Clerical and kindred workers	**6 584**	**6 417**	**149**	**18**	**6 492**	**4 991**	**1 053**	**448**	**160**	**304**	**482**
Bank tellers and cashiers	146	146	–	–	146	57	44	45	–	5	28
Bookkeepers and billing clerks	648	645	3	–	644	537	91	16	30	24	48
Mail handlers and postal clerks	711	678	33	–	711	600	81	30	19	24	36
Other clerical and kindred workers	5 079	4 948	113	18	4 991	3 797	837	357	111	251	370
Craftsmen and kindred workers	**18 677**	**18 307**	**362**	**115**	**18 614**	**13 721**	**4 141**	**752**	**517**	**930**	**1 108**
Apparel craftsmen and upholsterers	54	54	–	–	54	43	5	6	5	–	–
Bakers	119	114	5	–	119	95	14	10	7	–	27
Cabinetmakers	76	76	–	–	76	47	10	19	–	6	–
Construction craftsmen	4 813	4 723	90	32	4 789	2 595	1 911	283	110	296	376
Carpenters	1 341	1 336	5	5	1 332	689	579	64	39	113	108
Excavating, grading, and road machine operators	463	433	30	6	453	231	191	31	4	15	42
Electricians	895	890	5	15	895	683	182	30	16	31	52
Masons and tile setters	296	283	13	6	296	107	183	6	5	20	30
Painters, construction and maintenance, and paperhangers	422	402	20	–	417	189	168	60	6	44	76
Plasterers and cement finishers	166	166	–	–	166	32	124	10	–	5	10
Plumbers and pipe fitters	909	897	12	–	909	561	319	29	31	43	35
Other construction craftsmen	321	316	5	–	321	103	165	53	9	25	23
Foremen, n.e.c	2 972	2 958	14	–	2 972	2 607	342	23	70	154	107
Manufacturing	2 119	2 105	14	–	2 119	1 891	217	11	44	117	85
Nonmanufacturing industries	853	853	–	–	853	716	125	12	26	37	22
Linemen and servicemen, telephone and power	543	533	10	–	537	473	55	9	16	10	42
Locomotive engineers and firemen	133	133	–	6	133	115	18	–	4	19	3
Mechanics and repairmen	3 563	3 504	55	26	3 547	2 878	518	151	90	120	128
Air conditioning, heating, and refrigeration	115	115	–	–	115	75	35	5	15	–	18
Aircraft	65	65	–	–	65	60	5	–	–	–	–
Automobile, including body	1 294	1 251	39	12	1 294	1 018	205	71	26	49	39
Radio and television	154	154	–	–	154	129	15	10	8	–	–
Other mechanics and repairmen	1 935	1 919	16	14	1 919	1 596	258	65	41	71	71
Metal craftsmen, except mechanics	3 037	2 946	87	24	3 037	2 398	572	67	90	173	121
Machinists and job and die setters	1 159	1 135	20	–	1 159	969	169	21	26	62	37
Sheetmetal workers and tinsmiths	356	356	–	16	356	253	86	17	8	21	16
Tool and die makers	372	372	–	–	372	307	57	8	5	28	20
Other metal craftsmen	1 150	1 083	67	8	1 150	869	260	21	51	62	48
Printing craftsmen	535	535	–	10	535	432	77	26	15	10	43
Compositors and typesetters	161	161	–	5	161	125	15	21	–	10	11
Pressmen and plate printers, printing	279	279	–	5	279	226	48	5	9	–	9
Stationary engineers and power station operators	479	469	10	–	479	413	66	–	16	19	15
Other craftsmen and kindred workers	2 353	2 262	91	17	2 336	1 625	553	158	94	123	246

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
PEORIA SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**17 245**	**16 376**	**823**	**109**	**17 064**	**12 327**	**3 641**	**1 096**	**413**	**968**	**1 011**
Assemblers	1 362	1 270	92	–	1 339	1 061	245	33	32	44	66
Checkers, examiners, and inspectors; manufacturing	1 665	1 648	17	6	1 661	1 386	244	31	44	95	69
Garage workers and gas station attendants	807	797	–	–	770	297	209	264	5	15	154
Laundry and drycleaning operatives, n.e.c	79	79	–	–	75	35	19	21	5	5	9
Meat cutters and butchers	367	349	18	–	367	274	81	12	18	9	16
Mine operatives, n.e.c	33	33	–	–	33	13	15	5	5	–	–
Packers and wrappers, except produce	510	463	41	–	502	351	109	42	13	31	24
Painters, manufactured articles	226	199	27	–	226	181	41	4	12	10	10
Precision machine operatives	2 610	2 527	83	8	2 610	2 113	390	107	63	222	90
Sawyers	121	121	–	–	121	99	22	–	7	16	19
Stationary firemen	242	231	11	–	237	186	34	17	6	28	18
Textile operatives	10	10	–	–	10	10	–	–	–	–	–
Welders and flamecutters	1 508	1 473	29	29	1 494	1 105	352	37	29	53	34
Other metalworking operatives	578	544	34	–	578	402	143	33	24	32	44
Other specified operatives	2 336	2 106	215	20	2 292	1 562	537	193	54	135	204
Miscellaneous and not specified operatives	4 791	4 526	256	46	4 749	3 252	1 200	297	96	273	254
Occupation:											
Machine operatives, miscellaneous specified	1 836	1 748	88	15	1 819	1 255	435	129	31	125	83
Machine operatives, not specified	1 161	1 104	52	13	1 146	839	265	42	27	76	71
Miscellaneous operatives	1 209	1 153	56	5	1 205	766	342	97	29	42	51
Not specified operatives	585	521	60	13	579	392	158	29	9	30	49
Industry:											
Manufacturing	4 413	4 178	230	39	4 371	3 019	1 100	252	70	258	230
Durable goods	3 169	2 994	175	26	3 138	2 258	685	195	47	214	153
Wood products, including furniture	81	75	6	–	81	48	28	5	5	9	4
Primary metal industries	774	721	53	5	774	489	238	47	5	41	46
Fabricated metal industries	172	167	5	–	166	119	32	15	6	11	24
Machinery, including electrical	2 054	1 949	105	21	2 029	1 526	375	128	31	150	59
Motor vehicles and equipment	23	17	6	–	23	17	6	–	–	–	–
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	65	65	–	–	65	59	6	–	–	3	20
Nondurable goods	1 224	1 178	41	13	1 213	741	415	57	23	44	72
Food and kindred products	810	791	19	–	799	479	284	36	18	31	48
Apparel and other fabricated textile products	11	11	–	–	11	11	–	–	–	–	–
Paper and allied products	166	139	22	13	166	90	65	11	–	13	9
Chemicals and allied products	77	77	–	–	77	63	9	5	5	–	4
Other nondurable goods	160	160	–	–	160	98	57	5	–	–	11
Not specified manufacturing industries	20	6	14	–	20	20	–	–	–	–	5
Nonmanufacturing industries	378	348	26	7	378	233	100	45	26	15	24
Transportation, communications, and other public utilities	89	79	6	7	89	74	10	5	–	5	9
Wholesale and retail trade	151	139	12	–	151	85	35	31	15	10	10
All other industries	138	130	8	–	138	74	55	9	11	–	5
Transport equipment operatives	**5 779**	**5 498**	**273**	**41**	**5 736**	**4 128**	**1 249**	**359**	**132**	**171**	**311**
Bus drivers	212	189	23	8	212	133	60	19	10	9	6
Taxicab drivers and chauffeurs	128	128	–	–	128	107	21	–	15	6	19
Truck drivers and deliverymen	3 837	3 724	113	27	3 820	2 801	789	230	81	127	191
Other transport equipment operatives	1 602	1 457	137	6	1 576	1 087	379	110	26	29	95
Laborers, except farm	**6 511**	**6 065**	**430**	**20**	**6 301**	**3 256**	**2 013**	**1 032**	**114**	**325**	**1 446**
Construction laborers	1 073	977	91	–	1 060	418	518	124	14	52	219
Freight, stock, and material handlers	2 696	2 598	92	7	2 608	1 362	750	496	32	98	446
Other specified laborers	1 389	1 267	122	–	1 316	732	320	264	34	85	502
Miscellaneous and not specified laborers	1 353	1 223	125	13	1 317	744	425	148	34	90	279
Occupation:											
Miscellaneous laborers	460	398	57	5	455	293	139	23	17	39	80
Not specified laborers	893	825	68	8	862	451	286	125	17	51	199
Industry:											
Manufacturing	880	781	94	–	865	505	285	75	20	44	124
Durable goods	603	514	89	–	588	356	181	51	10	16	59
Wood products, including furniture	12	8	4	–	12	5	7	–	–	–	–
Metal industries	298	257	41	–	289	172	92	25	7	6	33
Machinery, including electrical	258	214	44	–	252	164	67	21	3	4	17
Transportation equipment	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	35	35	–	–	35	15	15	5	–	6	9
Nondurable goods	277	267	5	–	277	149	104	24	10	23	60
Food and kindred products	245	235	5	–	245	137	94	14	–	23	55
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	5	5
Nonmanufacturing industries	473	442	31	13	452	239	140	73	14	46	155
Railroads and railway express service	107	96	11	13	107	73	26	8	10	32	22
Transportation, except railroads	20	14	6	–	20	15	5	–	–	–	–
Communications, and utilities and sanitary services	58	58	–	–	58	49	9	–	–	4	14
Wholesale and retail trade	193	186	7	–	185	82	52	51	4	–	48
All other industries	95	88	7	–	82	20	48	14	–	10	71
Farmers and farm managers	**2 409**	**2 401**	**8**	**–**	**2 395**	**1 984**	**305**	**106**	**155**	**184**	**468**
Farm laborers and farm foremen	**657**	**654**	**3**	**–**	**638**	**307**	**135**	**196**	**44**	**88**	**541**
Paid farm laborers and farm foremen	523	520	3	–	509	219	122	168	39	65	436
Unpaid family workers	134	134	–	–	129	88	13	28	5	23	105
Service workers, except private household[1]	**6 174**	**5 654**	**470**	**79**	**5 962**	**3 594**	**1 347**	**1 021**	**218**	**547**	**1 369**
Cleaning service workers	2 504	2 297	196	22	2 451	1 594	535	322	94	232	371
Food service workers	1 495	1 393	78	27	1 397	450	430	517	19	107	480
Cooks, except private household	395	360	31	7	378	108	123	147	10	19	106
Busboys and dishwashers	453	421	23	–	406	102	142	162	5	31	243
Health service workers	92	82	–	13	86	32	36	18	–	6	65
Personal service workers	437	402	35	5	428	258	112	58	33	42	156
Protective service workers	1 259	1 167	87	12	1 249	1 061	128	60	54	139	117
Firemen, fire protection	221	221	–	–	221	216	5	–	5	–	6
Guards and watchmen	516	471	45	12	516	417	54	45	31	116	59
Policemen and detectives	444	397	42	–	439	384	45	10	13	5	42
Private household workers	**30**	**5**	**25**	**–**	**30**	**5**	**6**	**19**	**5**	**5**	**4**
Unemployed persons, last worked 1959 or earlier[2]	**6**	**–**	**6**	**–**	...	...	...	...	...	...	...

[1]Includes allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
PEORIA SMSA—Continued											
Female, 16 years old and over	**49 448**	**47 032**	**2 313**	**219**	**47 239**	**23 678**	**14 988**	**8 573**	**4 895**	**11 351**	**14 560**
Professional, technical, and kindred workers	**7 523**	**7 293**	**216**	**14**	**7 327**	**2 903**	**3 375**	**1 049**	**475**	**1 031**	**1 569**
Accountants	274	264	10	-	269	200	37	32	8	20	31
Computer specialists	61	61	-	-	61	57	4	-	-	16	-
Librarians	142	134	8	-	137	52	65	20	5	29	12
Mathematical specialists	-	-	-	-	-	-	-	-	5	-	-
Life and physical scientists	40	40	-	-	40	34	6	-	-	-	14
Registered nurses, dietitians, and therapists	1 808	1 762	37	-	1 788	1 086	470	232	119	195	268
Dietitians	60	60	-	-	60	45	5	10	-	10	9
Registered nurses	1 622	1 584	33	-	1 607	985	405	217	114	175	254
Health technologists and technicians	315	294	21	7	309	164	87	58	16	52	67
Social scientists	12	12	-	-	12	7	5	-	-	-	-
Social and recreation workers	233	207	26	-	217	140	58	19	-	42	129
Teachers: College and university	208	194	14	-	198	47	121	30	-	20	28
Elementary and prekindergarten	2 161	2 137	24	7	2 125	325	1 493	307	176	385	484
Secondary	786	776	10	-	765	121	523	121	44	101	126
Other teachers	230	222	8	-	220	45	118	57	19	25	34
Engineering and science technicians	106	102	4	-	106	91	5	10	10	4	21
Technicians, except health, and engineering and science	63	48	15	-	63	38	21	4	-	-	4
Writers, artists, and entertainers	321	308	8	-	313	172	102	39	37	54	131
Actors and dancers	-	-	-	-	-	-	-	-	-	11	5
Authors, editors, and reporters	105	105	-	-	102	56	32	14	19	6	18
Other professional, technical, and kindred workers	763	732	31	-	704	324	260	120	36	88	220
Managers and administrators, except farm	**1 308**	**1 303**	**5**	**-**	**1 275**	**880**	**306**	**89**	**116**	**202**	**283**
Buyers, purchasing agents, and sales managers	199	199	-	-	199	141	47	11	17	46	27
Restaurant, cafeteria, and bar managers	167	167	-	-	167	83	60	24	13	24	38
School administrators	84	79	5	-	78	30	34	14	4	-	16
Other specified managers and administrators	280	280	-	-	258	198	45	15	24	72	83
Managers and administrators, n.e.c., salaried	457	457	-	-	452	338	96	18	43	52	96
Wholesale and retail trade	197	197	-	-	197	147	37	13	17	21	28
Managers and administrators, n.e.c., self-employed	121	121	-	-	121	90	24	7	15	8	23
Wholesale and retail trade	68	68	-	-	68	46	15	7	15	8	15
Sales workers	**4 185**	**4 040**	**141**	**7**	**3 990**	**1 828**	**1 162**	**1 000**	**417**	**1 142**	**1 783**
Demonstrators, hucksters, and peddlers	335	325	10	-	302	94	113	95	36	110	172
Insurance, real estate agents, and brokers	270	270	-	-	261	145	79	37	11	33	28
Sales clerks, retail trade	2 795	2 694	97	7	2 719	1 255	758	706	316	839	1 236
Salesmen, retail trade	122	122	-	-	122	83	35	4	10	21	5
Other sales workers	663	629	34	-	586	251	177	158	44	139	342
Clerical and kindred workers	**18 746**	**18 335**	**389**	**81**	**18 133**	**10 779**	**4 625**	**2 729**	**2 017**	**4 159**	**4 731**
Bank tellers	398	388	10	-	388	264	76	48	54	79	71
Bookkeepers	2 526	2 490	32	5	2 479	1 688	482	309	246	409	345
Cashiers	1 603	1 558	45	13	1 503	710	420	373	134	381	569
Counter clerks, except food	415	398	17	-	391	169	144	78	39	76	148
Enumerators and interviewers	65	61	4	-	54	5	26	23	16	15	101
File clerks	461	443	18	-	430	262	94	74	112	98	165
Office machine operators	804	800	4	5	784	485	229	70	92	146	119
Bookkeeping and billing machine operators	121	121	-	-	121	85	26	10	16	26	6
Keypunch operators	449	445	4	-	444	265	153	26	39	106	76
Payroll and timekeeping clerks	222	222	-	-	205	120	58	27	11	25	10
Receptionists	637	625	12	-	617	309	193	115	55	148	110
Secretaries	4 937	4 882	50	30	4 833	3 069	1 188	576	647	1 136	985
Stenographers	242	237	5	-	242	172	40	30	45	42	35
Telephone operators	543	515	28	6	531	334	144	53	72	211	127
Typists	1 648	1 575	67	8	1 600	879	398	323	182	469	513
Other clerical and kindred workers	4 245	4 141	97	14	4 076	2 313	1 133	630	312	924	1 433
Craftsmen and kindred workers	**755**	**735**	**20**	**5**	**741**	**451**	**193**	**97**	**44**	**140**	**157**
Foremen, n.e.c	179	179	-	-	175	140	25	10	14	20	34
Operatives, except transport	**4 116**	**3 820**	**286**	**18**	**3 883**	**1 887**	**1 197**	**799**	**640**	**1 305**	**1 456**
Assemblers	289	261	28	-	263	165	70	28	51	145	110
Bottling and canning operatives	312	304	3	-	312	131	109	72	35	56	63
Checkers, examiners, and inspectors; manufacturing	252	238	14	5	252	158	56	38	45	98	130
Dressmakers and seamstresses, except factory	176	171	-	-	162	54	65	43	40	60	44
Laundry and drycleaning operatives, including ironers	656	559	97	6	595	333	185	77	89	123	129
Graders and sorters, manufacturing	32	32	-	-	29	5	10	14	11	20	-
Packers and wrappers, except produce	580	559	21	7	543	197	184	162	46	181	207
Sewers and stitchers	271	267	4	-	266	169	63	34	105	122	126
Textile operatives	29	29	-	-	29	15	14	-	-	5	9
Other specified operatives	677	613	64	-	617	290	167	160	106	242	316
Miscellaneous and not specified operatives	842	787	55	-	815	370	274	171	112	253	322
Manufacturing	702	664	38	-	680	305	243	132	74	182	258
Durable goods	334	310	24	-	323	168	110	45	34	82	121
Machinery, including electrical	138	124	14	-	135	66	50	19	6	27	23
Other durable goods	196	186	10	-	188	102	60	26	28	55	98
Nondurable goods, including not specified manufacturing	368	354	14	-	357	137	133	87	40	100	137
Food and kindred products	205	200	5	-	200	84	68	48	11	41	94
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-	10	-	-
Nonmanufacturing industries	140	123	17	-	135	65	31	39	38	71	64
Transport equipment operatives	**179**	**179**	**-**	**-**	**173**	**53**	**63**	**57**	**7**	**24**	**32**
Laborers, except farm	**532**	**455**	**77**	**7**	**516**	**282**	**133**	**101**	**31**	**105**	**198**
Farmers and farm managers	**80**	**80**	**-**	**-**	**76**	**56**	**10**	**10**	**5**	**-**	**11**
Farm laborers and farm foremen	**99**	**93**	**6**	**-**	**93**	**62**	**13**	**18**	**21**	**97**	**177**
Paid farm laborers and farm foremen	60	54	6	-	54	28	13	13	21	92	150
Unpaid family workers	39	39	-	-	39	34	-	5	-	5	27
Service workers, except private household[1]	**10 547**	**9 580**	**919**	**87**	**9 874**	**4 081**	**3 504**	**2 289**	**1 034**	**2 894**	**3 774**
Cleaning service workers	1 325	1 055	264	17	1 254	628	357	269	88	325	400
Chambermaids and maids	332	249	83	-	316	129	90	97	19	94	101
Food service workers	4 318	4 114	184	45	3 980	1 331	1 587	1 062	520	1 305	1 707
Cooks, except private household	1 281	1 201	70	-	1 227	389	613	225	132	359	315
Waiters and food counter workers	2 134	2 079	50	32	1 953	643	690	620	322	736	1 122
Health service workers	2 320	2 113	196	14	2 222	1 168	639	415	187	666	736
Nursing aides, orderlies, and attendants	1 580	1 398	171	7	1 497	739	454	304	125	455	532
Practical nurses	397	376	21	-	382	228	114	40	10	121	80
Personal service workers	1 662	1 571	87	11	1 602	572	679	351	129	369	438
Hairdressers and cosmetologists	1 051	1 018	33	6	1 015	385	439	191	96	247	195
Private household workers	**1 266**	**1 009**	**252**	**-**	**1 158**	**416**	**407**	**335**	**88**	**252**	**389**
Private household workers, living in	104	104	-	-	100	93	7	-	-	-	-
Private household workers, living out	1 162	905	252	-	1 058	323	400	335	88	252	389
Unemployed persons, last worked 1959 or earlier[2]	**112**	**110**	**2**	**-**	...	...	...	...	...	...	...

[1]Includes protective service workers and allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
ROCKFORD SMSA											
Male, 16 years old and over	**72 627**	**69 172**	**3 293**	**837**	**71 819**	**52 518**	**15 214**	**4 087**	**1 033**	**2 625**	**5 317**
Professional, technical, and kindred workers	**8 921**	**8 793**	**110**	**66**	**8 895**	**6 819**	**1 711**	**365**	**35**	**166**	**305**
Accountants	565	565	–	–	565	499	33	33	–	9	19
Architects	45	45	–	–	45	36	9	–	–	–	–
Computer specialists	230	230	–	–	230	221	9	–	–	–	–
Engineers	2 419	2 414	–	24	2 415	2 187	183	45	11	35	32
Aeronautical and astronautical	144	139	–	20	144	128	5	11	–	–	4
Civil	84	84	–	–	84	84	–	–	–	5	–
Electrical and electronic	342	342	–	–	342	313	14	15	–	–	–
Mechanical	615	615	–	4	611	566	41	4	–	13	–
Other engineers	1 234	1 234	–	–	1 234	1 096	123	15	11	17	28
Lawyers and judges	164	164	–	–	164	98	66	–	–	–	6
Life and physical scientists	90	90	–	–	90	79	11	–	–	19	9
Chemists	73	73	–	–	73	66	7	–	–	19	5
Physicians, dentists, and related practitioners	618	613	–	6	618	391	221	6	10	4	13
Dentists	182	182	–	–	182	78	104	–	–	–	–
Pharmacists	102	102	–	–	102	91	5	6	5	–	7
Physicians, medical and osteopathic	272	267	–	6	272	182	90	–	5	4	6
Other related practitioners	62	62	–	–	62	40	22	–	–	–	–
Health technologists and technicians	56	56	–	8	56	50	6	–	–	–	–
Religious workers	285	272	13	–	285	241	38	6	–	14	5
Social scientists	85	82	–	–	85	72	3	10	–	–	17
Social and recreation workers	106	81	25	–	100	63	22	15	–	–	5
Teachers	1 187	1 149	33	7	1 182	426	646	110	5	9	25
College and university	144	144	–	–	144	50	85	9	–	–	8
Elementary and prekindergarten	242	234	8	–	242	72	118	52	–	–	–
Secondary	747	717	25	–	742	266	434	42	5	9	11
Engineering and science technicians	1 207	1 192	15	9	1 207	947	208	52	3	26	68
Draftsmen and surveyors	738	728	10	9	738	562	145	31	–	21	59
Electrical and electronic engineering technicians	122	122	–	–	122	108	14	–	–	–	5
Technicians, except health, and engineering and science	124	124	–	–	124	119	5	–	–	–	–
Airplane pilots	59	59	–	–	59	59	–	–	–	–	–
Writers, artists, and entertainers	634	629	5	6	629	497	77	55	6	29	21
Other professional, technical, and kindred workers	1 106	1 087	19	6	1 100	893	174	33	–	21	85
Managers and administrators, except farm	**6 892**	**6 831**	**50**	**49**	**6 884**	**6 036**	**750**	**98**	**77**	**214**	**258**
Buyers, purchasing agents, and sales managers	1 085	1 074	11	7	1 085	981	94	10	5	12	39
School administrators	127	127	–	–	127	90	37	–	–	–	7
Specified managers and administrators, public administration	222	210	12	–	222	161	54	7	6	28	24
Other specified managers and administrators	1 135	1 116	13	15	1 127	936	162	29	14	15	70
Managers and administrators, n.e.c., salaried	3 559	3 545	14	23	3 559	3 243	275	41	36	110	84
Manufacturing	1 485	1 476	9	8	1 485	1 328	143	14	27	73	17
Wholesale and retail trade	1 022	1 022	–	15	1 022	949	55	18	–	25	40
Transportation, communications, and other public utilities	265	265	–	–	265	228	37	–	5	6	11
All other industries	787	782	5	–	787	738	40	9	4	6	16
Managers and administrators, n.e.c., self-employed	764	759	–	4	764	625	128	11	16	49	34
Construction	150	150	–	–	150	103	47	–	5	30	19
Manufacturing	79	79	–	4	79	68	11	–	–	5	5
Wholesale and retail trade	357	357	–	–	357	297	54	6	11	14	10
All other industries	178	173	–	–	178	157	16	5	–	–	–
Sales workers	**4 889**	**4 873**	**11**	**25**	**4 844**	**3 804**	**781**	**259**	**55**	**170**	**301**
Insurance agents, brokers, and underwriters	600	600	–	5	600	492	103	5	–	9	10
Real estate agents and brokers	289	289	–	–	289	194	79	16	10	5	16
Sales representatives, manufacturing industries	704	704	–	7	704	630	74	–	5	19	29
Sales representatives, wholesale trade	930	925	–	13	916	818	89	9	5	34	30
Sales clerks, retail trade	844	833	11	–	833	516	173	144	16	47	130
Salesmen, retail trade	790	790	–	–	785	615	142	28	14	18	27
Salesmen of services and construction	223	223	–	–	223	186	19	18	5	8	16
Other sales workers	509	509	–	–	494	353	102	39	–	30	43
Clerical and kindred workers	**4 286**	**4 154**	**126**	**40**	**4 224**	**3 319**	**709**	**196**	**101**	**206**	**357**
Bank tellers and cashiers	82	82	–	–	82	48	26	8	–	–	36
Bookkeepers and billing clerks	291	280	11	–	279	216	37	26	17	24	35
Mail handlers and postal clerks	485	479	6	–	480	426	48	6	9	24	29
Other clerical and kindred workers	3 428	3 313	109	40	3 383	2 629	598	156	75	158	257
Craftsmen and kindred workers	**17 409**	**16 871**	**514**	**189**	**17 291**	**13 192**	**3 671**	**428**	**274**	**621**	**797**
Apparel craftsmen and upholsterers	82	77	–	–	82	29	49	4	–	5	7
Bakers	94	94	–	–	88	77	–	11	–	4	10
Cabinetmakers	173	173	–	–	173	134	21	18	7	22	17
Construction craftsmen	3 620	3 560	57	65	3 598	2 055	1 430	113	56	142	238
Carpenters	1 101	1 076	22	13	1 091	594	465	32	23	69	69
Excavating, grading, and road machine operators	264	259	5	–	264	169	85	10	–	–	–
Electricians	738	734	4	24	738	520	195	23	8	4	36
Masons and tile setters	220	210	10	8	220	95	118	7	–	11	12
Painters, construction and maintenance, and paperhangers	378	378	–	7	373	164	189	20	15	32	73
Plasterers and cement finishers	182	182	–	–	175	69	106	–	5	13	21
Plumbers and pipe fitters	499	488	11	13	499	333	155	11	–	13	9
Other construction craftsmen	238	233	5	–	238	111	117	10	5	–	18
Foremen, n.e.c	2 732	2 705	27	13	2 732	2 455	265	12	21	106	58
Manufacturing	2 257	2 235	22	–	2 257	2 042	215	–	16	92	54
Nonmanufacturing industries	475	470	5	13	475	413	50	12	5	14	4
Linemen and servicemen, telephone and power	355	329	26	–	355	294	56	5	–	–	14
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	3 316	3 196	115	27	3 301	2 662	537	102	49	51	82
Air conditioning, heating, and refrigeration	119	119	–	7	115	91	24	–	–	4	7
Aircraft	64	64	–	–	64	54	6	4	–	–	6
Automobile, including body	1 269	1 180	89	7	1 258	941	264	53	25	19	37
Radio and television	174	174	–	5	174	152	22	–	–	–	–
Other mechanics and repairmen	1 690	1 659	26	8	1 690	1 424	221	45	24	28	32
Metal craftsmen, except mechanics	4 787	4 579	197	61	4 775	3 851	857	67	90	217	134
Machinists and job and die setters	2 242	2 167	70	34	2 234	1 822	376	36	32	128	60
Sheetmetal workers and tinsmiths	241	235	–	9	241	190	51	–	12	–	8
Tool and die makers	1 060	1 060	–	–	1 060	880	174	6	25	60	22
Other metal craftsmen	1 244	1 117	127	18	1 240	959	256	25	21	29	44
Printing craftsmen	318	314	4	9	314	269	37	8	16	20	16
Compositors and typesetters	84	84	–	–	84	66	10	8	5	15	4
Pressmen and plate printers, printing	157	153	4	9	153	136	17	–	6	5	6
Stationary engineers and power station operators	233	229	4	–	229	180	49	–	5	–	4
Other craftsmen and kindred workers	1 699	1 615	84	14	1 644	1 186	370	88	30	54	217

Table 172. Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
ROCKFORD SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**16 253**	**14 736**	**1 464**	**319**	**16 037**	**10 853**	**4 159**	**1 025**	**272**	**543**	**1 000**
Assemblers	2 795	2 396	376	95	2 755	1 685	893	177	39	67	203
Checkers, examiners, and inspectors; manufacturing	1 410	1 301	109	–	1 406	1 027	314	65	15	59	55
Garage workers and gas station attendants	599	574	25	6	576	250	192	134	–	32	104
Laundry and drycleaning operatives, n.e.c	118	103	15	7	118	53	50	15	5	5	4
Meat cutters and butchers	301	296	5	–	295	221	57	17	–	16	15
Mine operatives, n.e.c	16	16	–	–	16	10	6	–	–	–	–
Packers and wrappers, except produce	406	370	36	–	385	213	111	61	7	15	67
Painters, manufactured articles	420	392	28	8	420	301	67	52	6	–	9
Precision machine operatives	2 887	2 694	182	47	2 861	2 087	682	92	9	72	132
Sawyers	100	100	–	–	100	54	34	12	–	12	–
Stationary firemen	108	105	3	–	108	94	10	4	11	5	–
Textile operatives	8	8	–	–	8	4	–	4	–	–	10
Welders and flamecutters	830	784	46	25	825	527	243	55	4	21	19
Other metalworking operatives	1 330	1 193	128	67	1 330	900	386	44	47	34	23
Other specified operatives	1 735	1 549	182	37	1 700	1 153	433	114	65	61	142
Miscellaneous and not specified operatives	3 190	2 855	329	27	3 134	2 274	681	179	64	144	217
Occupation:											
Machine operatives, miscellaneous specified	1 428	1 266	162	15	1 413	1 038	297	78	25	49	91
Machine operatives, not specified	796	696	94	–	782	605	145	32	26	40	47
Miscellaneous operatives	596	540	56	6	569	347	172	50	9	39	46
Not specified operatives	370	353	17	6	370	284	67	19	4	16	33
Industry:											
Manufacturing	2 962	2 639	317	21	2 916	2 131	636	149	64	129	179
Durable goods	2 418	2 151	261	6	2 381	1 751	514	116	60	100	125
Wood products, including furniture	42	42	–	–	42	34	8	–	9	17	4
Primary metal industries	256	209	47	–	251	198	44	9	22	14	24
Fabricated metal industries	749	658	91	6	744	544	153	47	5	17	58
Machinery, including electrical	952	901	51	–	930	671	208	51	19	36	17
Motor vehicles and equipment	161	104	57	–	156	88	63	5	–	–	5
Transportation equipment, except motor vehicles	92	86	–	–	92	86	6	–	–	–	13
Other durable goods	166	151	15	–	166	130	32	4	5	16	4
Nondurable goods	528	478	50	15	519	374	116	29	4	29	44
Food and kindred products	289	262	27	–	289	232	44	13	–	14	20
Apparel and other fabricated textile products	10	10	–	–	10	5	5	–	–	–	–
Paper and allied products	62	52	10	–	57	29	24	4	4	–	3
Chemicals and allied products	51	38	13	–	47	37	10	–	–	–	–
Other nondurable goods	116	116	–	15	116	71	33	12	–	15	21
Not specified manufacturing industries	16	10	6	–	16	6	6	4	–	–	10
Nonmanufacturing industries	228	216	12	6	218	143	45	30	–	15	38
Transportation, communications, and other public utilities	40	40	–	6	40	29	6	5	–	5	–
Wholesale and retail trade	99	94	5	–	89	55	25	9	–	10	28
All other industries	89	82	7	–	89	59	14	16	–	–	10
Transport equipment operatives	**3 331**	**3 077**	**244**	**27**	**3 286**	**2 241**	**869**	**176**	**4**	**95**	**184**
Bus drivers	78	71	7	–	78	64	14	–	–	–	11
Taxicab drivers and chauffeurs	105	101	4	–	105	62	38	5	–	14	–
Truck drivers and deliverymen	2 612	2 494	113	14	2 571	1 780	651	140	4	67	110
Other transport equipment operatives	536	411	120	13	532	335	166	31	–	14	63
Laborers, except farm	**4 022**	**3 618**	**384**	**56**	**3 928**	**2 056**	**1 194**	**678**	**45**	**211**	**970**
Construction laborers	566	528	34	–	566	247	261	58	13	64	106
Freight, stock, and material handlers	1 809	1 681	128	28	1 761	825	581	355	10	66	382
Other specified laborers	1 050	933	106	16	1 038	619	224	195	10	59	388
Miscellaneous and not specified laborers	597	476	116	12	563	365	128	70	12	22	94
Occupation:											
Miscellaneous laborers	275	186	89	–	265	189	58	18	12	9	21
Not specified laborers	322	290	27	12	298	176	70	52	–	13	73
Industry:											
Manufacturing	384	290	89	6	369	260	71	38	7	8	31
Durable goods	317	245	72	6	307	214	71	22	7	8	25
Wood products, including furniture	5	5	–	–	5	–	5	–	–	–	–
Metal industries	174	128	46	–	164	123	35	6	7	6	6
Machinery, including electrical	76	60	16	–	76	51	20	5	–	–	9
Transportation equipment	20	15	5	–	20	9	11	–	–	2	6
Other durable goods	42	37	5	6	42	31	–	11	–	–	4
Nondurable goods	67	45	17	–	62	46	–	16	–	–	6
Food and kindred products	50	39	6	–	45	41	–	4	–	–	6
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	213	186	27	6	194	105	57	32	5	14	63
Railroads and railway express service	21	9	12	–	21	12	5	4	–	5	–
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	39	39	–	–	39	29	–	10	–	–	5
Wholesale and retail trade	75	63	12	6	75	33	24	18	5	4	35
All other industries	78	75	3	–	59	31	28	–	–	5	23
Farmers and farm managers	**1 249**	**1 249**	**–**	**–**	**1 242**	**1 111**	**85**	**46**	**48**	**82**	**140**
Farm laborers and farm foremen	**528**	**516**	**12**	**20**	**504**	**300**	**121**	**83**	**4**	**20**	**127**
Paid farm laborers and farm foremen	444	432	12	20	424	246	116	62	4	13	104
Unpaid family workers	84	84	–	–	80	54	5	21	–	7	23
Service workers, except private household[1]	**4 799**	**4 412**	**372**	**46**	**4 657**	**2 776**	**1 158**	**723**	**118**	**297**	**878**
Cleaning service workers	1 860	1 603	247	5	1 814	1 065	505	244	46	165	290
Food service workers	1 195	1 146	49	22	1 132	507	297	328	29	55	339
Cooks, except private household	466	447	19	16	455	162	125	168	5	6	95
Busboys and dishwashers	254	248	6	6	219	37	73	109	–	25	164
Health service workers	87	81	6	–	87	45	19	23	–	5	13
Personal service workers	449	432	17	–	436	222	153	61	16	14	103
Protective service workers	947	932	10	6	942	759	138	45	22	38	77
Firemen, fire protection	198	193	–	–	198	179	19	–	–	–	4
Guards and watchmen	384	384	–	6	379	250	84	45	22	32	53
Policemen and detectives	306	300	6	–	306	276	30	–	–	6	20
Private household workers	**27**	**27**	**–**	**–**	**27**	**11**	**6**	**10**	**–**	**–**	**–**
Unemployed persons, last worked 1959 or earlier[2]	**21**	**15**	**6**	**–**	...	...	...	...	...	...	...

[1] Includes allocated cases not shown separately. [2] See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
ROCKFORD SMSA—Continued											
Female, 16 years old and over	**43 639**	**40 982**	**2 503**	**365**	**41 804**	**20 599**	**13 572**	**7 633**	**3 335**	**9 572**	**11 585**
Professional, technical, and kindred workers	**5 528**	**5 334**	**165**	**27**	**5 399**	**1 993**	**2 489**	**917**	**334**	**944**	**1 042**
Accountants	178	172	6	–	168	109	38	21	–	38	22
Computer specialists	35	35	–	–	35	28	7	–	–	–	–
Librarians	71	71	–	–	71	32	29	10	7	6	11
Mathematical specialists	6	6	–	–	6	–	–	6	–	–	–
Life and physical scientists	15	15	–	–	15	4	5	6	–	–	–
Registered nurses, dietitians, and therapists	1 357	1 340	11	12	1 316	648	436	232	97	273	275
Dietitians	37	31	6	–	37	10	22	5	10	–	5
Registered nurses	1 243	1 237	–	–	1 206	612	383	211	87	250	254
Health technologists and technicians	186	186	–	–	186	106	49	31	12	38	32
Social scientists	37	32	5	–	37	22	9	6	–	–	–
Social and recreation workers	128	99	29	–	123	72	26	25	4	17	49
Teachers: College and university	38	38	–	7	38	9	19	10	7	4	4
Elementary and prekindergarten	1 828	1 773	46	–	1 807	311	1 180	316	110	306	359
Secondary	600	586	14	–	594	87	373	134	35	91	79
Other teachers	161	153	4	–	161	60	74	27	5	10	37
Engineering and science technicians	140	134	6	8	140	82	46	12	11	39	15
Technicians, except health, and engineering and science	15	15	–	–	15	15	–	–	–	5	6
Writers, artists, and entertainers	206	195	5	–	206	100	71	35	–	51	49
Actors and dancers	27	27	–	–	27	5	8	14	–	5	10
Authors, editors, and reporters	54	48	–	–	54	27	19	8	–	20	19
Other professional, technical, and kindred workers	527	484	39	–	481	308	127	46	46	66	104
Managers and administrators, except farm	**943**	**894**	**44**	–	**923**	**646**	**238**	**39**	**44**	**175**	**200**
Buyers, purchasing agents, and sales managers	212	212	–	–	212	169	43	–	10	16	27
Restaurant, cafeteria, and bar managers	96	83	8	–	91	41	37	13	6	31	31
School administrators	83	77	6	–	83	39	44	–	5	–	5
Other specified managers and administrators	232	232	–	–	223	160	41	22	14	45	94
Managers and administrators, n.e.c., salaried	233	207	26	–	227	169	58	–	5	48	38
Wholesale and retail trade	85	79	6	–	79	53	26	–	–	10	21
Managers and administrators, n.e.c., self-employed	87	83	4	–	87	68	15	4	4	35	5
Wholesale and retail trade	49	49	–	–	49	34	11	4	–	10	–
Sales workers	**3 302**	**3 235**	**67**	**14**	**3 202**	**1 296**	**1 183**	**723**	**282**	**852**	**1 153**
Demonstrators, hucksters, and peddlers	186	186	–	–	165	20	86	59	14	70	91
Insurance, real estate agents, and brokers	196	196	–	–	196	98	74	24	4	30	42
Sales clerks, retail trade	2 354	2 292	62	7	2 297	936	815	546	219	622	795
Salesmen, retail trade	89	89	–	–	89	48	41	–	16	11	33
Other sales workers	477	472	5	7	455	194	167	94	29	119	192
Clerical and kindred workers	**14 240**	**13 829**	**380**	**79**	**13 772**	**7 924**	**3 678**	**2 170**	**1 366**	**3 115**	**3 232**
Bank tellers	286	277	9	–	275	186	50	39	–	94	35
Bookkeepers	1 792	1 771	15	–	1 757	1 182	391	184	163	344	334
Cashiers	1 256	1 211	45	21	1 171	452	366	353	83	255	459
Counter clerks, except food	286	286	–	–	275	162	76	37	15	90	60
Enumerators and interviewers	28	28	–	–	28	5	6	17	36	6	11
File clerks	435	420	15	–	408	223	112	73	57	72	125
Office machine operators	562	550	12	–	539	339	149	51	62	195	156
Bookkeeping and billing machine operators	124	119	5	–	117	49	56	12	15	45	23
Keypunch operators	328	321	7	–	312	216	70	26	21	124	93
Payroll and timekeeping clerks	210	207	3	–	210	165	45	–	23	31	28
Receptionists	619	610	9	12	593	280	188	125	35	117	105
Secretaries	3 749	3 685	64	5	3 676	2 243	967	466	347	876	561
Stenographers	165	165	–	–	159	113	32	14	16	40	31
Telephone operators	447	422	25	–	447	255	131	61	58	99	86
Typists	1 131	1 076	55	18	1 107	617	287	203	154	352	280
Other clerical and kindred workers	3 274	3 121	128	23	3 127	1 702	878	547	317	544	961
Craftsmen and kindred workers	**948**	**911**	**37**	**9**	**908**	**582**	**236**	**90**	**32**	**215**	**258**
Foremen, n.e.c	110	106	4	–	107	75	20	12	–	34	29
Operatives, except transport	**9 851**	**8 837**	**975**	**183**	**9 441**	**4 909**	**2 962**	**1 570**	**649**	**2 110**	**2 632**
Assemblers	2 016	1 761	237	55	1 917	949	630	338	102	484	579
Bottling and canning operatives	30	23	7	–	26	15	11	–	–	20	9
Checkers, examiners, and inspectors; manufacturing	1 026	990	36	21	1 002	575	292	135	33	188	261
Dressmakers and seamstresses, except factory	100	100	–	6	100	49	32	19	9	42	30
Laundry and drycleaning operatives, including ironers	384	292	80	5	368	201	90	77	35	116	115
Graders and sorters, manufacturing	31	31	–	–	31	15	9	7	5	11	6
Packers and wrappers, except produce	1 132	1 048	80	25	1 076	551	312	213	80	188	351
Sewers and stitchers	179	166	13	–	167	94	45	28	24	61	53
Textile operatives	43	43	–	8	38	20	14	4	22	17	24
Other specified operatives	2 989	2 671	313	44	2 852	1 473	945	434	182	654	840
Miscellaneous and not specified operatives	1 921	1 712	209	19	1 864	967	582	315	157	329	364
Manufacturing	1 836	1 631	205	19	1 790	944	548	298	152	293	324
Durable goods	1 375	1 227	148	19	1 338	717	398	223	111	198	239
Machinery, including electrical	477	430	47	14	456	215	137	104	50	139	123
Other durable goods	898	797	101	5	882	502	261	119	61	59	116
Nondurable goods, including not specified manufacturing	461	404	57	–	452	227	150	75	41	95	85
Food and kindred products	196	147	49	–	196	101	52	43	13	42	41
Apparel and other fabricated textile products	5	5	–	–	5	5	–	–	–	6	–
Nonmanufacturing industries	85	81	4	–	74	23	34	17	5	36	40
Transport equipment operatives	**172**	**172**	–	–	**162**	**69**	**82**	**11**	**7**	**10**	**51**
Laborers, except farm	**732**	**661**	**71**	**20**	**687**	**415**	**178**	**94**	**36**	**122**	**225**
Farmers and farm managers	**66**	**63**	**3**	–	**61**	**51**	**10**	–	**6**	**29**	**9**
Farm laborers and farm foremen	**74**	**68**	**6**	–	**64**	**41**	**11**	**12**	**15**	**45**	**36**
Paid farm laborers and farm foremen	29	23	6	–	23	–	11	12	15	40	14
Unpaid family workers	45	45	–	–	41	41	–	–	–	5	22
Service workers, except private household[1]	**7 102**	**6 457**	**601**	**25**	**6 624**	**2 511**	**2 276**	**1 837**	**517**	**1 698**	**2 463**
Cleaning service workers	796	608	173	–	746	347	197	202	66	148	208
Chambermaids and maids	243	181	56	–	229	104	41	84	37	50	79
Food service workers	3 208	3 057	132	13	2 996	953	1 076	967	252	987	1 311
Cooks, except private household	844	792	37	6	806	331	291	184	52	189	206
Waiters and food counter workers	1 684	1 665	15	7	1 534	414	546	574	151	658	903
Health service workers	1 517	1 354	157	6	1 416	525	543	348	71	249	468
Nursing aides, orderlies, and attendants	914	785	123	6	828	261	333	234	48	157	318
Practical nurses	249	223	26	–	245	123	95	27	17	34	38
Personal service workers	1 074	1 007	67	–	1 040	482	314	244	44	168	222
Hairdressers and cosmetologists	706	675	31	–	696	372	205	119	39	144	83
Private household workers	**594**	**446**	**148**	–	**561**	**162**	**229**	**170**	**47**	**257**	**284**
Private household workers, living in	36	29	7	–	36	25	11	–	–	–	–
Private household workers, living out	558	417	141	–	525	137	218	170	47	257	284
Unemployed persons, last worked 1959 or earlier[2]	**87**	**75**	**6**	**8**	...	...	...	...	...	...	...

[1]Includes protective service workers and allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
ST. LOUIS, MO.–ILL., SMSA											
Male, 16 years old and over	**578 072**	**507 623**	**68 540**	**4 800**	**570 491**	**419 472**	**114 511**	**36 508**	**12 543**	**28 862**	**48 498**
Professional, technical, and kindred workers	**83 185**	**78 452**	**3 853**	**1 184**	**82 716**	**65 330**	**13 917**	**3 469**	**653**	**1 743**	**4 080**
Accountants	7 350	7 167	146	69	7 320	6 450	618	252	101	218	241
Architects	735	713	11	21	735	636	80	19	11	9	31
Computer specialists	3 106	2 968	115	69	3 089	2 705	322	62	–	5	48
Engineers	17 752	17 378	201	239	17 716	16 021	1 321	374	164	330	306
Aeronautical and astronautical	2 922	2 851	45	31	2 916	2 656	187	73	–	15	30
Civil	1 918	1 886	19	31	1 907	1 727	151	29	46	69	58
Electrical and electronic	3 912	3 836	43	66	3 908	3 512	313	83	12	83	51
Mechanical	2 210	2 161	29	20	2 204	1 911	236	57	46	52	70
Other engineers	6 790	6 644	65	91	6 781	6 215	434	132	60	111	97
Lawyers and judges	2 777	2 706	71	24	2 767	2 447	272	48	44	33	54
Life and physical scientists	1 779	1 653	77	34	1 771	1 610	127	34	21	65	86
Chemists	1 335	1 240	64	22	1 327	1 200	93	34	21	43	54
Physicians, dentists, and related practitioners	5 880	5 385	228	182	5 867	4 484	1 170	213	58	149	251
Dentists	883	856	16	20	883	408	465	10	23	48	26
Pharmacists	1 293	1 210	75	7	1 286	1 085	144	57	14	25	73
Physicians, medical and osteopathic	3 134	2 760	126	147	3 128	2 501	490	137	16	48	152
Other related practitioners	570	559	11	8	570	490	71	9	5	28	–
Health technologists and technicians	986	790	177	24	975	718	167	90	4	27	155
Religious workers	2 594	2 370	220	–	2 577	2 250	256	71	37	110	140
Social scientists	976	950	26	21	976	822	125	29	–	24	34
Social and recreation workers	1 191	920	266	26	1 155	792	181	182	5	50	452
Teachers	11 577	10 541	923	178	11 472	4 995	5 649	828	23	166	592
College and university	3 102	2 892	134	83	3 082	1 781	1 144	157	–	47	193
Elementary and prekindergarten	2 522	2 130	385	38	2 495	913	1 336	246	4	29	177
Secondary	5 152	4 774	353	57	5 115	1 935	2 839	341	13	71	194
Engineering and science technicians	9 286	8 854	392	104	9 259	7 796	1 062	401	48	150	402
Draftsmen and surveyors	4 937	4 698	212	72	4 910	4 128	550	232	33	89	205
Electrical and electronic engineering technicians	1 154	1 128	26	11	1 154	1 010	128	16	–	15	37
Technicians, except health, and engineering and science	1 220	1 178	42	–	1 220	1 063	120	37	–	37	34
Airplane pilots	324	324	–	–	324	296	23	5	–	–	–
Writers, artists, and entertainers	5 900	5 630	232	110	5 883	4 558	941	384	52	141	514
Other professional, technical, and kindred workers	10 076	9 249	726	83	9 934	7 983	1 506	445	85	229	740
Managers and administrators, except farm	**59 769**	**57 721**	**1 974**	**358**	**59 580**	**53 236**	**5 314**	**1 030**	**1 117**	**2 391**	**2 134**
Buyers, purchasing agents, and sales managers	9 295	9 164	125	66	9 275	8 634	544	97	129	241	184
School administrators	1 563	1 365	198	–	1 563	938	600	25	6	22	26
Specified managers and administrators, public administration	3 532	3 291	236	–	3 514	3 264	149	101	78	155	155
Other specified managers and administrators	9 690	9 197	482	69	9 625	8 279	1 045	301	256	537	553
Managers and administrators, n.e.c., salaried	29 332	28 703	586	179	29 280	26 844	2 073	363	439	1 021	830
Manufacturing	8 667	8 563	89	42	8 635	8 188	421	26	117	251	231
Wholesale and retail trade	9 462	9 231	226	44	9 442	8 619	640	183	127	278	262
Transportation, communications, and other public utilities	3 067	3 009	50	25	3 067	2 868	182	17	112	205	104
All other industries	8 136	7 900	221	68	8 136	7 169	830	137	83	287	233
Managers and administrators, n.e.c., self-employed	6 357	6 001	347	44	6 323	5 277	903	143	209	415	386
Construction	1 027	982	45	–	1 027	710	279	38	32	37	76
Manufacturing	402	385	17	–	402	341	51	10	19	6	10
Wholesale and retail trade	3 269	3 117	146	24	3 249	2 871	321	57	102	302	205
All other industries	1 659	1 517	139	20	1 645	1 355	252	38	56	70	95
Sales workers	**41 215**	**39 512**	**1 642**	**318**	**40 720**	**32 155**	**5 768**	**2 797**	**594**	**1 613**	**2 815**
Insurance agents, brokers, and underwriters	4 934	4 653	276	41	4 910	4 050	679	181	69	151	157
Real estate agents and brokers	1 817	1 778	39	7	1 797	1 497	225	75	65	131	75
Sales representatives, manufacturing industries	5 400	5 311	89	78	5 377	4 669	576	132	81	184	247
Sales representatives, wholesale trade	8 813	8 644	159	45	8 775	7 635	931	209	90	298	182
Sales clerks, retail trade	8 724	8 175	530	44	8 552	5 363	1 780	1 409	159	391	1 109
Salesmen, retail trade	4 251	4 072	169	37	4 211	3 461	553	197	33	142	266
Salesmen of services and construction	2 374	2 318	50	28	2 349	1 853	320	176	25	107	186
Other sales workers	4 902	4 561	330	38	4 749	3 627	704	418	72	209	593
Clerical and kindred workers	**50 457**	**43 969**	**6 437**	**463**	**49 762**	**38 271**	**7 869**	**3 622**	**1 165**	**2 776**	**4 659**
Bank tellers and cashiers	2 089	1 904	180	24	2 048	1 112	530	406	50	143	343
Bookkeepers and billing clerks	3 267	3 082	185	22	3 237	2 718	346	173	97	211	243
Mail handlers and postal clerks	6 906	5 101	1 800	70	6 847	5 882	686	279	186	335	472
Other clerical and kindred workers	38 195	33 882	4 272	347	37 630	28 559	6 307	2 764	832	2 087	3 601
Craftsmen and kindred workers	**125 644**	**117 076**	**8 372**	**930**	**124 659**	**92 472**	**27 896**	**4 291**	**3 116**	**6 246**	**7 083**
Apparel craftsmen and upholsterers	878	809	69	7	857	614	200	43	47	97	55
Bakers	1 186	1 065	121	–	1 176	974	144	58	38	140	62
Cabinetmakers	544	516	28	6	544	388	136	20	21	49	39
Construction craftsmen	31 440	29 723	1 688	216	31 245	17 016	12 648	1 581	770	1 717	1 966
Carpenters	8 257	8 082	166	58	8 197	3 663	3 976	558	306	478	591
Excavating, grading, and road machine operators	2 326	2 074	252	20	2 313	1 258	941	114	33	58	123
Electricians	6 205	5 954	251	54	6 199	4 652	1 425	122	93	253	157
Masons and tile setters	1 966	1 789	173	6	1 960	597	1 260	103	45	156	123
Painters, construction and maintenance, and paperhangers	4 034	3 594	429	8	3 965	1 903	1 750	312	97	307	552
Plasterers and cement finishers	1 204	1 098	106	18	1 204	317	791	96	29	82	67
Plumbers and pipe fitters	5 316	5 136	180	35	5 286	3 755	1 366	165	129	285	210
Other construction craftsmen	2 132	1 996	131	17	2 121	871	1 139	111	38	98	143
Foremen, n.e.c	18 987	18 109	843	134	18 935	16 963	1 785	187	563	912	449
Manufacturing	11 630	11 094	513	74	11 600	10 741	803	56	303	522	278
Nonmanufacturing industries	7 357	7 015	330	60	7 335	6 222	982	131	260	390	171
Linemen and servicemen, telephone and power	4 711	4 518	193	37	4 701	4 131	413	157	49	130	100
Locomotive engineers and firemen	1 135	1 101	34	–	1 135	944	176	15	64	95	78
Mechanics and repairmen	27 123	25 070	1 968	259	26 933	21 216	4 781	936	456	956	1 029
Air conditioning, heating, and refrigeration	1 412	1 376	36	22	1 405	1 140	204	61	18	22	44
Aircraft	1 954	1 798	146	14	1 949	1 483	424	42	5	10	47
Automobile, including body	10 374	9 368	979	97	10 295	7 777	2 067	451	161	293	326
Radio and television	1 591	1 488	103	25	1 584	1 207	302	75	5	13	65
Other mechanics and repairmen	11 792	11 040	704	101	11 700	9 609	1 784	307	267	618	547
Metal craftsmen, except mechanics	16 073	14 781	1 271	123	15 985	12 425	3 205	355	421	850	671
Machinists and job and die setters	6 116	5 808	303	41	6 082	4 963	989	130	175	347	271
Sheetmetal workers and tinsmiths	3 527	3 124	398	–	3 500	2 455	973	72	44	124	112
Tool and die makers	2 677	2 634	43	17	2 656	2 222	389	45	55	157	78
Other metal craftsmen	3 753	3 215	527	65	3 747	2 785	854	108	147	222	210
Printing craftsmen	4 894	4 717	177	38	4 854	3 959	766	129	114	208	184
Compositors and typesetters	1 780	1 685	95	5	1 759	1 434	270	55	78	122	96
Pressmen and plate printers, printing	2 189	2 135	54	28	2 174	1 764	359	51	11	62	72
Stationary engineers and power station operators	2 397	2 241	151	5	2 385	2 104	219	62	62	113	99
Other craftsmen and kindred workers	16 276	14 426	1 829	105	15 909	11 738	3 423	748	511	979	2 351

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Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
ST. LOUIS, MO.–ILL., SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**86 037**	**68 630**	**17 148**	**615**	**84 606**	**57 078**	**22 036**	**5 492**	**2 045**	**4 469**	**6 785**
Assemblers	10 979	8 547	2 405	71	10 857	5 929	4 303	625	126	274	803
Checkers, examiners, and inspectors; manufacturing	4 839	4 276	543	28	4 787	3 422	1 198	167	113	209	219
Garage workers and gas station attendants	4 801	4 182	607	33	4 621	2 297	1 287	1 037	51	226	727
Laundry and drycleaning operatives, n.e.c	621	395	221	–	606	415	114	77	26	44	85
Meat cutters and butchers	4 010	3 305	699	39	3 985	3 343	523	119	157	377	226
Mine operatives, n.e.c	516	447	64	–	506	378	98	30	65	42	42
Packers and wrappers, except produce	3 060	2 250	789	53	3 004	1 860	784	360	50	183	389
Painters, manufactured articles	1 869	1 391	472	21	1 869	1 162	600	107	42	101	112
Precision machine operatives	3 818	3 309	495	32	3 787	2 828	830	129	68	119	229
Sawyers	378	310	68	–	368	199	131	38	10	48	35
Stationary firemen	1 024	810	214	–	1 011	862	124	25	41	127	47
Textile operatives	210	155	55	–	206	130	45	31	4	15	42
Welders and flamecutters	7 430	6 101	1 303	31	7 370	4 850	2 170	350	141	212	318
Other metalworking operatives	4 606	3 604	995	34	4 535	3 132	1 148	255	186	306	316
Other specified operatives	15 041	11 288	3 697	76	14 483	9 948	3 612	923	452	1 065	1 652
Miscellaneous and not specified operatives	22 835	18 260	4 521	197	22 611	16 323	5 069	1 219	513	1 121	1 543
Occupation:											
Machine operatives, miscellaneous specified	8 259	6 550	1 673	67	8 184	5 998	1 795	391	224	487	461
Machine operatives, not specified	5 786	4 356	1 430	53	5 714	4 196	1 226	292	107	242	325
Miscellaneous operatives	5 516	4 603	895	39	5 452	3 758	1 334	360	146	243	498
Not specified operatives	3 274	2 751	523	38	3 261	2 371	714	176	36	149	259
Industry:											
Manufacturing	19 481	15 484	3 943	192	19 313	14 115	4 276	922	448	894	1 229
Durable goods	11 730	8 996	2 716	118	11 616	8 133	2 940	543	277	553	704
Wood products, including furniture	328	302	26	–	328	250	59	19	27	31	61
Primary metal industries	2 521	1 790	725	49	2 496	1 831	599	66	116	173	112
Fabricated metal industries	1 921	1 579	342	16	1 885	1 414	363	108	18	50	109
Machinery, including electrical	2 140	1 856	284	34	2 114	1 525	414	175	48	102	165
Motor vehicles and equipment	1 234	858	376	–	1 228	665	541	22	5	54	56
Transportation equipment, except motor vehicles	1 221	868	353	–	1 221	867	334	20	–	19	32
Other durable goods	2 365	1 743	610	19	2 344	1 581	630	133	63	124	169
Nondurable goods	7 655	6 414	1 205	74	7 608	5 936	1 293	379	166	341	510
Food and kindred products	1 678	1 402	264	26	1 673	1 268	347	58	50	133	72
Apparel and other fabricated textile products	228	181	47	–	219	139	66	14	4	5	32
Paper and allied products	1 084	932	143	8	1 084	815	195	74	21	43	104
Chemicals and allied products	2 647	2 186	451	19	2 630	2 193	365	72	30	99	88
Other nondurable goods	2 018	1 713	300	21	2 002	1 521	320	161	61	61	214
Not specified manufacturing industries	96	74	22	–	89	46	43	–	5	–	15
Nonmanufacturing industries	3 354	2 776	578	5	3 298	2 208	793	297	65	227	314
Transportation, communications, and other public utilities	904	788	116	–	895	709	151	35	11	63	55
Wholesale and retail trade	1 362	1 079	283	–	1 333	844	338	151	48	112	95
All other industries	1 088	909	179	5	1 070	655	304	111	6	52	164
Transport equipment operatives	**36 570**	**30 544**	**5 986**	**226**	**36 217**	**25 623**	**8 738**	**1 856**	**841**	**1 795**	**1 993**
Bus drivers	1 864	1 482	378	13	1 847	1 256	489	102	70	171	87
Taxicab drivers and chauffeurs	2 247	1 546	697	27	2 229	1 417	665	147	111	155	162
Truck drivers and deliverymen	23 548	20 553	2 974	161	23 372	16 705	5 613	1 054	495	1 077	1 229
Other transport equipment operatives	8 911	6 963	1 937	25	8 769	6 245	1 971	553	165	392	515
Laborers, except farm	**39 193**	**29 820**	**9 277**	**260**	**38 133**	**21 062**	**11 334**	**5 737**	**1 087**	**2 907**	**7 861**
Construction laborers	6 023	4 663	1 355	18	5 929	2 334	2 854	741	148	518	1 196
Freight, stock, and material handlers	17 605	14 400	3 168	134	17 150	10 203	4 273	2 674	376	995	2 608
Other specified laborers	8 371	5 782	2 544	20	8 034	4 464	2 270	1 300	262	699	2 600
Miscellaneous and not specified laborers	7 194	4 975	2 210	88	7 020	4 061	1 937	1 022	301	695	1 457
Occupation:											
Miscellaneous laborers	2 141	1 449	687	25	2 093	1 335	608	150	147	234	266
Not specified laborers	5 053	3 526	1 523	63	4 927	2 726	1 329	872	154	461	1 191
Industry:											
Manufacturing	4 062	2 789	1 273	42	3 987	2 285	1 192	510	149	332	642
Durable goods	3 071	2 090	981	30	3 006	1 709	925	372	86	197	446
Wood products, including furniture	84	67	17	8	84	44	24	16	5	–	21
Metal industries	1 619	1 024	595	22	1 590	895	486	209	47	101	217
Machinery, including electrical	336	272	64	–	336	203	100	33	17	30	62
Transportation equipment	442	305	137	–	431	231	184	16	5	13	49
Other durable goods	590	422	168	–	565	336	131	98	12	53	97
Nondurable goods	971	684	287	12	961	576	258	127	63	135	190
Food and kindred products	413	288	125	6	407	293	100	14	37	49	33
Not specified manufacturing industries	20	15	5	–	20	–	9	11	–	–	6
Nonmanufacturing industries	3 132	2 186	937	46	3 033	1 776	745	512	152	363	815
Railroads and railway express service	546	294	248	20	524	391	118	15	88	127	97
Transportation, except railroads	219	182	37	7	214	121	55	38	–	22	45
Communications, and utilities and sanitary services	449	268	181	5	449	317	125	7	24	43	57
Wholesale and retail trade	1 062	786	276	–	1 017	524	254	239	20	53	259
All other industries	856	656	195	14	829	423	193	213	20	118	357
Farmers and farm managers	**4 294**	**4 188**	**106**	**–**	**4 214**	**3 565**	**467**	**182**	**289**	**523**	**743**
Farm laborers and farm foremen	**2 202**	**1 702**	**495**	**37**	**2 081**	**982**	**555**	**544**	**88**	**348**	**1 028**
Paid farm laborers and farm foremen	1 995	1 500	490	37	1 879	854	498	527	84	305	880
Unpaid family workers	207	202	5	–	202	128	57	17	4	43	148
Service workers, except private household[1]	**48 910**	**35 715**	**12 954**	**395**	**47 467**	**29 525**	**10 529**	**7 413**	**1 494**	**4 004**	**9 235**
Cleaning service workers	17 167	10 746	6 396	94	16 809	10 916	3 818	2 075	645	1 644	2 548
Food service workers	10 757	8 640	2 001	125	10 121	3 931	2 805	3 385	260	851	3 444
Cooks, except private household	3 175	2 415	696	58	3 051	1 376	881	794	55	209	775
Busboys and dishwashers	2 946	2 384	550	6	2 618	464	721	1 433	21	231	1 528
Health service workers	1 327	768	540	19	1 312	684	395	233	24	65	344
Personal service workers	4 446	3 543	888	23	4 354	2 776	974	604	109	368	1 288
Protective service workers	11 179	9 879	1 291	110	11 081	9 000	1 576	505	314	760	670
Firemen, fire protection	1 983	1 890	93	14	1 977	1 875	91	11	25	67	42
Guards and watchmen	4 098	3 394	695	48	4 040	2 805	871	364	181	511	486
Policemen and detectives	4 490	4 049	441	34	4 476	3 981	416	79	85	111	95
Private household workers	**350**	**159**	**185**	**8**	**336**	**173**	**88**	**75**	**54**	**47**	**82**
Unemployed persons, last worked 1959 or earlier[2]	**246**	**135**	**111**	**6**	...	...	...	...	...	...	...

[1]Includes allocated cases not shown separately. [2]See text for explanation.

Table 172. **Occupation of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in Labor Force by Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
ST. LOUIS, MO.-ILL., SMSA—Continued											
Female, 16 years old and over	**362 223**	**299 982**	**61 046**	**3 044**	**345 842**	**189 101**	**100 009**	**56 732**	**32 633**	**75 850**	**82 287**
Professional, technical, and kindred workers	**55 023**	**47 048**	**7 564**	**643**	**53 474**	**22 654**	**22 739**	**8 081**	**3 497**	**8 048**	**9 022**
Accountants	2 762	2 580	172	33	2 720	1 937	465	318	129	352	317
Computer specialists	852	789	57	–	843	616	143	84	35	77	104
Librarians	1 009	893	116	7	984	435	383	166	58	124	157
Mathematical specialists	101	92	3	–	101	84	17	–	21	20	11
Life and physical scientists	295	279	16	–	289	172	80	37	10	27	26
Registered nurses, dietitians, and therapists	10 154	8 509	1 596	108	9 928	5 790	2 695	1 443	794	1 617	1 520
Dietitians	472	337	129	–	447	319	97	31	29	59	43
Registered nurses	9 058	7 620	1 395	98	8 874	5 171	2 377	1 326	727	1 438	1 389
Health technologists and technicians	2 265	1 676	520	25	2 233	1 500	461	272	142	306	261
Social scientists	288	274	9	5	288	145	105	38	7	54	31
Social and recreation workers	2 340	1 717	599	25	2 288	1 277	659	352	116	383	611
Teachers: College and university	1 331	1 189	126	27	1 319	466	644	209	69	178	233
Elementary and prekindergarten	16 210	13 693	2 435	191	15 777	2 951	9 948	2 878	1 084	2 644	2 798
Secondary	5 403	4 863	526	62	5 299	1 078	3 525	696	256	667	787
Other teachers	1 513	1 355	158	17	1 442	412	745	285	53	214	247
Engineering and science technicians	1 154	994	154	7	1 130	852	191	87	76	171	181
Technicians, except health, and engineering and science	202	166	36	6	192	127	32	33	15	36	31
Writers, artists, and entertainers	2 354	2 244	105	40	2 299	1 226	725	348	206	391	624
Actors and dancers	30	24	6	–	25	11	4	10	9	11	4
Authors, editors, and reporters	541	532	9	–	531	264	181	86	28	95	83
Other professional, technical, and kindred workers	6 790	5 735	936	90	6 342	3 586	1 921	835	426	787	1 083
Managers and administrators, except farm	**10 665**	**9 967**	**679**	**58**	**10 467**	**7 923**	**1 855**	**689**	**644**	**1 562**	**1 645**
Buyers, purchasing agents, and sales managers	1 477	1 384	93	10	1 466	1 196	218	52	126	248	151
Restaurant, cafeteria, and bar managers	1 055	975	75	–	1 027	674	279	74	72	212	219
School administrators	658	567	91	4	654	297	331	26	25	65	33
Other specified managers and administrators	2 729	2 460	260	9	2 646	2 091	353	202	144	401	527
Managers and administrators, n.e.c., salaried	3 517	3 429	88	22	3 473	2 788	495	190	212	450	523
Wholesale and retail trade	1 278	1 254	24	5	1 267	1 032	161	74	75	160	206
Managers and administrators, n.e.c., self-employed	1 229	1 152	72	13	1 201	877	179	145	65	186	192
Wholesale and retail trade	706	673	28	6	678	513	89	76	49	143	87
Sales workers	**28 624**	**26 757**	**1 833**	**163**	**27 030**	**13 551**	**7 071**	**6 408**	**3 011**	**7 823**	**9 789**
Demonstrators, hucksters, and peddlers	1 402	1 376	26	7	1 268	327	450	491	108	522	738
Insurance, real estate agents, and brokers	1 798	1 754	39	20	1 712	1 025	412	275	103	339	323
Sales clerks, retail trade	19 596	18 251	1 329	121	18 786	9 366	4 895	4 525	2 347	5 805	6 510
Salesmen, retail trade	627	615	12	6	585	319	140	126	39	179	202
Other sales workers	5 201	4 761	427	9	4 679	2 514	1 174	991	414	978	2 016
Clerical and kindred workers	**138 363**	**124 251**	**13 876**	**1 077**	**133 751**	**85 034**	**29 307**	**19 410**	**14 014**	**29 074**	**29 024**
Bank tellers	2 440	2 338	102	27	2 360	1 532	505	323	255	423	385
Bookkeepers	14 070	13 392	669	105	13 762	10 005	2 534	1 223	1 307	2 520	1 972
Cashiers	9 852	8 898	949	78	9 371	4 635	2 625	2 111	647	2 141	2 398
Counter clerks, except food	2 629	2 334	295	3	2 516	1 326	630	560	170	554	621
Enumerators and interviewers	473	410	63	–	367	82	104	181	148	127	343
File clerks	4 828	3 751	1 059	28	4 515	2 329	1 043	1 143	573	1 102	1 374
Office machine operators	7 210	6 318	881	86	7 064	4 724	1 539	801	1 000	1 485	1 136
Bookkeeping and billing machine operators	951	893	52	14	940	670	187	83	182	268	162
Keypunch operators	4 001	3 368	628	44	3 938	2 527	913	498	490	704	586
Payroll and timekeeping clerks	1 485	1 424	61	10	1 448	1 128	159	161	172	223	180
Receptionists	3 392	3 124	257	34	3 247	1 781	778	688	335	844	1 013
Secretaries	32 636	31 342	1 252	259	31 913	21 841	6 767	3 305	3 335	7 178	5 781
Stenographers	1 857	1 737	100	11	1 776	1 295	262	219	340	620	293
Telephone operators	5 066	4 184	869	60	4 948	3 135	1 051	762	538	1 089	969
Typists	15 690	13 436	2 238	144	15 238	9 151	3 475	2 612	1 863	3 580	3 941
Other clerical and kindred workers	36 735	31 563	5 081	232	35 226	22 070	7 835	5 321	3 331	7 188	8 618
Craftsmen and kindred workers	**6 798**	**5 824**	**963**	**74**	**6 574**	**3 930**	**1 894**	**750**	**524**	**1 211**	**1 115**
Foremen, n.e.c.	1 525	1 380	145	30	1 497	1 169	271	57	122	250	183
Operatives, except transport	**43 034**	**34 571**	**8 330**	**432**	**41 168**	**22 270**	**13 284**	**5 614**	**4 614**	**10 404**	**9 320**
Assemblers	4 826	4 371	446	40	4 645	2 488	1 487	670	410	1 153	933
Bottling and canning operatives	140	106	30	–	122	70	20	32	25	34	35
Checkers, examiners, and inspectors; manufacturing	3 726	3 412	314	51	3 637	2 309	968	360	381	741	432
Dressmakers and seamstresses, except factory	1 045	893	141	5	1 023	504	416	103	127	255	265
Laundry and drycleaning operatives, including ironers	3 179	1 351	1 828	13	3 059	1 750	931	378	296	747	692
Graders and sorters, manufacturing	114	75	39	–	102	50	29	23	33	16	35
Packers and wrappers, except produce	4 941	4 103	824	38	4 805	2 369	1 471	965	524	1 294	1 322
Sewers and stitchers	5 822	4 691	1 084	107	5 563	2 741	2 333	489	967	1 824	1 043
Textile operatives	361	278	80	–	348	204	108	36	49	56	94
Other specified operatives	9 618	7 545	2 044	96	8 861	4 712	2 872	1 277	1 018	2 089	2 605
Miscellaneous and not specified operatives	9 262	7 746	1 500	82	9 003	5 073	2 649	1 281	784	2 195	1 864
Manufacturing	8 043	6 873	1 154	69	7 826	4 421	2 306	1 099	665	1 930	1 631
Durable goods	3 582	3 148	434	14	3 479	2 134	874	471	281	705	624
Machinery, including electrical	1 397	1 267	130	9	1 360	846	304	210	99	232	163
Other durable goods	2 185	1 881	304	5	2 119	1 288	570	261	182	473	461
Nondurable goods, including not specified manufacturing	4 461	3 725	720	55	4 347	2 287	1 432	628	384	1 225	1 007
Food and kindred products	400	324	71	5	391	177	136	78	51	82	64
Apparel and other fabricated textile products	652	489	163	28	645	349	211	85	82	150	98
Nonmanufacturing industries	1 219	873	346	13	1 177	652	343	182	119	265	233
Transport equipment operatives	**1 540**	**1 376**	**151**	**27**	**1 486**	**468**	**731**	**287**	**43**	**203**	**245**
Laborers, except farm	**3 666**	**2 658**	**998**	**28**	**3 523**	**1 854**	**1 008**	**661**	**271**	**606**	**934**
Farmers and farm managers	**386**	**323**	**63**	**–**	**354**	**294**	**19**	**41**	**26**	**52**	**62**
Farm laborers and farm foremen	**531**	**315**	**212**	**–**	**469**	**195**	**138**	**136**	**115**	**184**	**274**
Paid farm laborers and farm foremen	386	170	212	–	350	100	123	127	87	152	220
Unpaid family workers	145	145	–	–	119	95	15	9	28	32	54
Service workers, except private household[1]	**61 122**	**41 922**	**18 915**	**469**	**57 111**	**26 570**	**18 360**	**12 181**	**4 862**	**14 059**	**18 043**
Cleaning service workers	7 433	3 610	3 813	37	6 997	3 795	1 990	1 212	616	1 486	1 655
Chambermaids and maids	2 049	774	1 270	15	1 902	888	708	306	202	481	612
Food service workers	22 854	18 380	4 301	184	21 425	7 897	8 117	5 411	2 345	6 767	8 358
Cooks, except private household	6 575	4 725	1 795	49	6 347	2 381	2 869	1 097	643	1 662	1 608
Waiters and food counter workers	11 700	10 478	1 129	119	10 722	3 878	3 627	3 217	1 337	3 968	5 304
Health service workers	14 520	8 164	6 319	154	13 782	7 401	3 747	2 634	629	2 617	3 327
Nursing aides, orderlies, and attendants	9 046	4 433	4 592	89	8 533	4 495	2 380	1 658	387	1 692	2 359
Practical nurses	2 566	1 378	1 184	19	2 490	1 449	707	334	80	411	384
Personal service workers	9 570	7 695	1 856	69	9 073	4 495	2 821	1 757	756	2 151	2 432
Hairdressers and cosmetologists	5 690	4 921	765	35	5 440	2 863	1 723	854	478	1 244	1 015
Private household workers	**11 467**	**4 193**	**7 241**	**56**	**10 435**	**4 358**	**3 603**	**2 474**	**1 012**	**2 624**	**2 814**
Private household workers, living in	664	528	136	–	641	449	121	71	–	–	42
Private household workers, living out	10 803	3 665	7 105	56	9 794	3 909	3 482	2 403	1 012	2 624	2 772
Unemployed persons, last worked 1959 or earlier[2]	**1 004**	**777**	**221**	**17**	...	...	...	...	...	...	...

[1]Includes protective service workers and allocated cases not shown separately. [2]See text for explanation.

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE								
Total								
Male, 16 years old and over	**2 743 446**	**2 181 586**	**307 191**	**83 633**	**72 098**	**151 460**	**248 880**	**5 789**
Professional, technical, and kindred workers	**381 554**	**251 911**	**90 369**	**15 157**	**30 620**	**44 592**	**39 110**	**164**
Accountants	33 358	26 648	3 551	1 964	1 076	511	3 145	14
Architects	3 289	2 251	243	74	82	87	795	–
Computer specialists	12 416	10 810	1 559	689	691	179	47	–
Engineers	66 395	58 133	6 720	2 418	2 213	2 089	1 542	–
Aeronautical and astronautical	450	388	62	52	10	–	–	–
Civil	8 965	5 146	3 465	459	1 605	1 401	354	–
Electrical and electronic	14 600	13 588	863	441	172	250	149	–
Mechanical	10 244	9 478	621	416	64	141	145	–
Other engineers	32 136	29 533	1 709	1 050	362	297	894	–
Lawyers and judges	15 849	4 751	2 081	523	752	806	9 013	4
Life and physical scientists	9 159	7 203	1 780	939	566	275	176	–
Chemists	6 725	5 940	734	455	185	94	51	–
Physicians, dentists, and related practitioners	26 800	10 723	2 065	665	844	556	13 999	13
Dentists	4 907	453	115	32	63	20	4 339	–
Pharmacists	5 776	4 596	136	36	59	41	1 040	4
Physicians, medical and osteopathic	12 827	4 836	1 694	556	647	491	6 292	5
Other related practitioners	3 290	838	120	41	75	4	2 328	4
Health technologists and technicians	4 111	2 824	1 081	352	403	326	195	11
Religious workers	11 544	9 721	145	17	90	38	1 678	–
Social scientists	5 377	3 816	1 203	257	521	425	351	7
Social and recreation workers	5 465	1 596	3 823	220	1 453	2 150	41	5
Teachers	63 202	17 977	44 580	679	13 502	30 399	645	–
College and university	18 909	6 938	11 971	139	10 293	1 539	–	–
Elementary and prekindergarten	12 598	2 812	9 772	66	1 051	8 655	14	–
Secondary	28 306	6 132	22 174	177	1 955	20 042	–	–
Engineering and science technicians	34 619	30 182	4 052	1 555	1 554	943	385	–
Draftsmen and surveyors	18 053	15 987	1 761	470	641	650	305	–
Electrical and electronic engineering technicians	5 304	4 588	679	437	199	43	37	–
Technicians, except health, and engineering and science	6 437	4 221	2 129	1 342	331	456	87	–
Airplane pilots	2 789	2 665	98	28	65	5	26	–
Writers, artists, and entertainers	31 194	24 463	1 907	508	847	552	4 763	61
Other professional, technical, and kindred workers	52 339	36 592	13 450	2 955	5 695	4 800	2 248	49
Managers and administrators, except farm	**282 326**	**216 793**	**27 296**	**8 321**	**6 361**	**12 614**	**37 700**	**537**
Buyers, purchasing agents, and sales managers	44 709	41 662	869	455	196	218	2 145	33
School administrators	7 830	1 783	6 001	29	1 197	4 775	46	–
Specified managers and administrators, public administration	13 614	10	13 597	6 476	2 523	4 598	7	–
Other specified managers and administrators	50 812	40 724	2 581	733	928	920	7 364	143
Managers and administrators, n.e.c., salaried	136 862	132 614	4 248	628	1 517	2 103	–	–
Manufacturing	44 769	44 618	151	127	5	19	–	–
Wholesale and retail trade	39 524	39 381	143	87	25	31	–	–
Transportation, communications and other public utilities	13 305	12 473	832	35	53	744	–	–
All other industries	39 264	36 142	3 122	379	1 434	1 309	–	–
Managers and administrators, n.e.c., self-employed	28 499	–	–	–	–	–	28 138	361
Construction	4 781	–	–	–	–	–	4 760	21
Manufacturing	2 510	–	–	–	–	–	2 490	20
Wholesale and retail trade	14 673	–	–	–	–	–	14 527	146
All other industries	6 535	–	–	–	–	–	6 361	174
Sales workers	**195 120**	**168 219**	**1 110**	**353**	**338**	**419**	**25 440**	**351**
Insurance agents, brokers, and underwriters	23 430	19 214	114	35	28	51	4 098	4
Real estate agents and brokers	7 934	5 156	17	10	4	3	2 743	18
Sales representatives, manufacturing industries	29 178	27 804	66	24	–	42	1 287	21
Sales representatives, wholesale trade	35 329	31 277	39	6	–	33	3 986	27
Sales clerks, retail trade	43 548	36 871	151	18	64	69	6 315	211
Salesmen, retail trade	20 805	17 767	40	26	–	14	2 950	48
Salesmen of services and construction	9 891	8 832	266	87	111	68	786	7
Other sales workers	25 005	21 298	417	147	131	139	3 275	15
Clerical and kindred workers	**230 492**	**178 464**	**48 951**	**34 954**	**6 455**	**7 542**	**2 885**	**192**
Bank tellers and cashiers	7 769	6 776	814	160	398	256	156	23
Bookkeepers and billing clerks	19 657	17 192	1 518	496	479	543	889	58
Mail handlers and postal clerks	30 488	4 448	26 009	25 643	270	96	31	–
Other clerical and kindred workers	172 578	150 048	20 610	8 655	5 308	6 647	1 809	111
Craftsmen and kindred workers	**585 804**	**517 908**	**29 242**	**8 398**	**6 269**	**14 575**	**38 144**	**510**
Apparel craftsmen and upholsterers	4 804	3 680	65	5	7	53	1 059	–
Bakers	5 044	4 427	94	21	49	24	512	11
Cabinetmakers	2 786	2 352	28	12	9	7	406	–
Construction craftsmen	139 350	114 283	8 657	1 593	2 249	4 815	16 233	177
Carpenters	38 779	30 342	1 347	320	413	614	6 980	110
Excavating, grading, and road machine operators	10 468	7 897	1 859	148	552	1 159	708	4
Electricians	28 187	25 376	1 864	447	405	1 012	931	16
Masons and tile setters	10 369	8 991	364	48	62	254	1 009	5
Painters, construction and maintenance, and paperhangers	16 447	10 890	1 386	238	439	709	4 145	26
Plasterers and cement finishers	4 389	3 717	127	21	41	65	539	6
Plumbers and pipe fitters	22 617	19 822	1 456	347	291	818	1 329	10
Other construction craftsmen	8 094	7 248	254	24	46	184	592	–
Foremen, n.e.c.	88 120	83 282	3 904	1 244	836	1 824	904	30
Manufacturing	58 063	57 323	405	266	58	81	335	–
Nonmanufacturing industries	30 057	25 959	3 499	978	778	1 743	569	30
Linemen and servicemen, telephone and power	19 923	19 386	485	99	131	255	52	–
Locomotive engineers and firemen	4 760	4 638	122	55	5	62	–	–
Mechanics and repairmen	124 777	107 976	6 599	2 726	1 117	2 756	10 014	188
Air conditioning, heating, and refrigeration	5 637	4 366	360	234	68	58	903	8
Aircraft	2 782	2 312	454	404	50	–	16	–
Automobile, including body	44 396	36 821	1 899	600	329	970	5 565	111
Radio and television	7 061	5 065	512	270	122	120	1 478	6
Other mechanics and repairmen	64 901	59 412	3 374	1 218	548	1 608	2 052	63
Metal craftsmen, except mechanics	78 192	75 146	1 724	758	301	665	1 283	39
Machinists and job and die setters	32 625	31 535	809	323	126	360	261	20
Sheetmetal workers and tinsmiths	9 025	8 378	328	108	73	147	319	–
Tool and die makers	17 186	16 652	231	181	37	13	303	–
Other metal craftsmen	19 356	18 581	356	146	65	145	400	19
Printing craftsmen	30 435	29 165	580	226	219	135	671	19
Compositors and typesetters	10 520	9 913	195	55	76	64	408	4
Pressmen and plate printers, printing	14 647	14 108	323	153	107	63	201	15
Stationary engineers and power station operators	12 779	9 683	3 007	264	571	2 172	89	–
Other craftsmen and kindred workers	74 834	63 890	3 977	1 395	775	1 807	6 921	46

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**398 374**	**380 337**	**10 076**	**3 431**	**2 100**	**4 545**	**7 534**	**427**
Assemblers	34 779	34 045	566	302	76	188	155	13
Checkers, examiners, and inspectors; manufacturing	27 830	27 156	643	387	65	191	25	6
Garage workers and gas station attendants	19 968	18 024	178	57	34	87	1 640	126
Laundry and drycleaning operatives, n.e.c	3 513	2 590	371	39	220	112	528	24
Meat cutters and butchers	16 603	15 331	183	99	46	38	1 061	28
Mine operatives, n.e.c	4 905	4 830	26	–	22	4	42	7
Packers and wrappers, except produce	15 613	15 251	330	157	51	122	32	–
Painters, manufactured articles	6 402	6 213	62	15	15	32	122	5
Precision machine operatives	31 960	31 416	345	221	26	98	199	–
Sawyers	2 210	2 128	16	5	–	11	66	–
Stationary firemen	5 385	3 924	1 443	180	340	923	18	–
Textile operatives	746	713	4	–	4	–	22	7
Welders and flamecutters	31 952	30 687	534	252	85	197	716	15
Other metalworking operatives	25 453	24 684	576	177	58	341	193	–
Other specified operatives	64 853	61 100	1 927	547	444	936	1 693	133
Miscellaneous and not specified operatives	106 202	102 245	2 872	993	614	1 265	1 022	63
Occupation:								
Machine operatives, miscellaneous specified	43 025	41 894	784	278	120	386	337	10
Machine operatives, not specified	27 248	26 353	711	310	129	272	184	–
Miscellaneous operatives	23 361	21 975	1 042	269	287	486	296	48
Not specified operatives	12 568	12 023	335	136	78	121	205	5
Industry:								
Manufacturing	92 855	90 867	1 428	574	219	635	534	26
Durable goods	57 551	56 245	964	401	173	390	331	11
Wood products, including furniture	2 160	2 024	62	30	16	16	69	5
Primary metal industries	13 163	12 908	211	46	52	113	44	–
Fabricated metal industries	8 820	8 731	58	25	11	22	31	–
Machinery, including electrical	21 148	20 846	224	58	57	109	78	–
Motor vehicles and equipment	1 894	1 850	31	–	9	22	7	6
Transportation equipment, except motor vehicles	1 082	1 024	58	38	5	15	–	–
Other durable goods	9 284	8 862	320	204	23	93	102	–
Nondurable goods	34 373	33 728	432	169	42	221	198	15
Food and kindred products	10 054	9 872	102	21	8	73	80	–
Apparel and other fabricated textile products	505	500	5	–	5	–	–	–
Paper and allied products	5 248	5 141	80	11	14	55	27	–
Chemicals and allied products	5 649	5 497	139	110	4	25	8	5
Other nondurable goods	12 917	12 718	106	27	11	68	83	10
Not specified manufacturing industries	931	894	32	4	4	24	5	–
Nonmanufacturing industries	13 347	11 378	1 444	419	395	630	488	37
Transportation, communications, and other public utilities	3 886	3 419	441	46	54	341	26	–
Wholesale and retail trade	4 739	4 468	73	22	29	22	180	18
All other industries	4 722	3 491	930	351	312	267	282	19
Transport equipment operatives	**169 757**	**150 098**	**12 116**	**2 214**	**1 896**	**8 006**	**7 379**	**164**
Bus drivers	10 781	6 812	3 822	139	450	3 233	138	9
Taxicab drivers and chauffeurs	9 631	8 641	423	123	34	266	567	–
Truck drivers and deliverymen	110 166	98 339	5 828	1 365	1 172	3 291	5 872	127
Other transport equipment operatives	39 179	36 306	2 043	587	240	1 216	802	28
Laborers, except farm	**171 758**	**149 596**	**18 631**	**4 128**	**3 445**	**11 058**	**3 267**	**264**
Construction laborers	25 583	20 478	5 061	176	1 878	3 007	14	30
Freight, stock, and material handlers	81 161	75 143	5 314	2 643	283	2 388	649	55
Other specified laborers	35 646	28 124	5 437	881	1 012	3 544	1 990	95
Miscellaneous and not specified laborers	29 368	25 851	2 819	428	272	2 119	614	84
Occupation:								
Miscellaneous laborers	10 600	8 983	1 187	132	107	948	419	11
Not specified laborers	18 768	16 868	1 632	296	165	1 171	195	73
Industry:								
Manufacturing	16 337	15 972	289	141	42	106	70	6
Durable goods	11 977	11 706	221	100	34	87	44	6
Wood products, including furniture	413	404	4	–	4	–	5	–
Metal industries	6 994	6 858	124	41	30	53	6	6
Machinery, including electrical	2 416	2 387	12	5	–	7	17	–
Transportation equipment	636	610	26	9	–	17	–	–
Other durable goods	1 518	1 447	55	45	–	10	16	–
Nondurable goods	4 168	4 086	60	41	8	11	22	–
Food and kindred products	2 064	2 036	17	5	8	4	11	–
Not specified manufacturing industries	192	180	8	–	–	8	4	–
Nonmanufacturing industries	13 031	9 879	2 530	287	230	2 013	544	78
Railroads and railway express service	2 647	2 541	106	28	56	22	–	–
Transportation, except railroads	793	692	88	20	3	65	13	–
Communications, and utilities and sanitary services	2 057	701	1 328	29	28	1 271	28	–
Wholesale and retail trade	3 682	3 296	31	21	–	10	335	20
All other industries	3 852	2 649	977	189	143	645	168	58
Farmers and farm managers	**76 175**	**2 445**	**100**	**31**	**44**	**25**	**73 551**	**79**
Farm laborers and farm foremen	**22 248**	**18 919**	**483**	**106**	**235**	**142**	**288**	**2 558**
Paid farm laborers and farm foremen	19 690	18 919	483	106	235	142	288	–
Unpaid family workers	2 558	–	–	–	–	–	–	2 558
Service workers, except private household[1]	**228 495**	**145 582**	**68 811**	**6 540**	**14 329**	**47 942**	**13 559**	**543**
Cleaning service workers	79 703	57 527	20 510	2 469	5 041	13 000	1 558	108
Food service workers	50 673	43 143	2 691	534	1 655	502	4 516	323
Cooks, except private household	17 684	15 478	822	289	344	189	1 287	97
Busboys and dishwashers	10 334	9 625	638	75	472	91	11	60
Health service workers	5 174	2 959	2 180	624	1 264	292	31	4
Personal service workers	20 665	11 994	2 175	317	1 028	830	6 460	36
Protective service workers	52 551	14 548	37 845	2 016	4 559	31 270	153	5
Firemen, fire protection	8 387	172	8 215	216	104	7 895	–	–
Guards and watchmen	18 137	13 316	4 773	775	2 400	1 598	43	5
Policemen and detectives	23 443	876	22 457	844	1 970	19 643	110	–
Private household workers	**1 343**	**1 314**	**6**	**–**	**6**	**–**	**23**	**–**

[1]Includes allocated cases not shown separately.

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Total—Continued								
Female, 16 years old and over	**1 676 469**	**1 339 681**	**271 250**	**50 456**	**68 646**	**152 148**	**52 974**	**12 564**
Professional, technical, and kindred workers	**248 037**	**127 614**	**111 653**	**6 078**	**21 044**	**84 531**	**8 244**	**526**
Accountants	9 993	8 046	1 492	848	372	272	383	72
Computer specialists	3 047	2 548	482	226	175	81	17	–
Librarians	5 523	1 905	3 596	44	676	2 876	10	12
Mathematical specialists	677	586	87	39	40	8	4	–
Life and physical scientists	1 729	1 240	457	142	95	220	32	–
Registered nurses, dietitians, and therapists	48 340	37 845	9 475	1 371	3 165	4 939	917	103
Dietitians	1 948	1 373	546	116	254	176	29	–
Registered nurses	42 873	34 567	7 388	1 176	2 201	4 011	821	97
Health technologists and technicians	9 706	8 117	1 526	229	613	684	49	14
Social scientists	1 214	599	561	86	208	267	54	–
Social and recreation workers	7 872	2 202	5 612	515	2 050	3 047	58	–
Teachers: College and university	7 550	2 893	4 657	70	3 688	899	–	–
Elementary and prekindergarten	69 152	18 581	50 335	556	4 110	45 669	226	10
Secondary	25 934	6 172	19 762	108	1 513	18 141	–	–
Other teachers	6 508	2 838	856	66	286	504	2 792	22
Engineering and science technicians	4 551	3 912	628	249	268	111	3	8
Technicians, except health, and engineering and science	911	315	576	101	74	401	15	5
Writers, artists, and entertainers	13 642	10 758	1 169	201	536	432	1 662	53
Actors and dancers	411	289	83	–	70	13	39	–
Authors, editors, and reporters	5 059	4 457	309	70	194	45	276	17
Other professional, technical, and kindred workers	31 688	19 057	10 382	1 227	3 175	5 980	2 022	227
Managers and administrators, except farm	**49 593**	**34 330**	**7 630**	**2 100**	**1 442**	**4 088**	**6 721**	**912**
Buyers, purchasing agents, and sales managers	7 918	6 934	505	362	44	99	404	75
Restaurant, cafeteria, and bar managers	4 427	2 130	555	11	111	433	1 521	221
School administrators	2 987	1 340	1 594	22	293	1 279	53	–
Other specified managers and administrators	12 882	8 044	4 001	1 548	585	1 868	719	118
Managers and administrators, n.e.c., salaried	16 857	15 882	975	157	409	409	–	–
Wholesale and retail trade	5 404	5 357	47	27	5	15	–	–
Managers and administrators, n.e.c., self-employed	4 522	–	–	–	–	–	4 024	498
Wholesale and retail trade	2 752	–	–	–	–	–	2 457	295
Sales workers	**122 398**	**112 201**	**1 190**	**393**	**349**	**448**	**7 014**	**1 993**
Demonstrators, hucksters, and peddlers	5 676	4 598	29	11	–	18	1 043	6
Insurance, real estate agents, and brokers	7 003	6 077	44	5	9	30	820	62
Sales clerks, retail trade	85 454	79 973	496	238	78	180	3 582	1 403
Salesmen, retail trade	3 728	3 068	11	11	–	–	417	232
Other sales workers	20 537	18 485	610	128	262	220	1 152	290
Clerical and kindred workers	**661 372**	**549 683**	**100 500**	**34 782**	**28 535**	**37 183**	**6 177**	**5 012**
Bank tellers	11 875	11 226	622	392	84	146	24	3
Bookkeepers	74 048	65 151	4 930	1 388	1 107	2 435	1 977	1 990
Cashiers	45 816	43 136	1 749	313	531	905	527	404
Counter clerks, except food	12 265	11 614	341	72	200	69	217	93
Enumerators and interviewers	2 285	795	1 432	1 303	60	69	58	–
File clerks	25 304	20 485	4 721	1 390	1 724	1 607	67	31
Office machine operators	33 107	29 209	3 840	1 279	1 619	942	51	7
Bookkeeping and billing machine operators	5 201	4 783	413	162	113	138	5	–
Keypunch operators	19 222	16 746	2 450	734	1 168	548	26	–
Payroll and timekeeping clerks	7 962	6 885	1 063	356	285	422	4	10
Receptionists	18 087	15 726	2 011	312	995	704	135	215
Secretaries	167 274	141 194	23 701	4 972	7 963	10 766	1 065	1 314
Stenographers	6 443	3 905	2 392	613	1 060	719	123	23
Telephone operators	22 651	21 187	1 385	349	504	532	50	29
Typists	70 487	55 245	14 612	4 042	5 413	5 157	468	162
Other clerical and kindred workers	163 768	123 925	37 701	18 001	6 990	12 710	1 411	731
Craftsmen and kindred workers	**30 865**	**27 977**	**1 404**	**338**	**381**	**685**	**1 234**	**250**
Foremen, n.e.c.	7 832	7 353	400	100	160	140	52	27
Operatives, except transport	**238 983**	**230 745**	**5 005**	**1 657**	**1 418**	**1 930**	**2 721**	**512**
Assemblers	42 726	41 876	764	381	130	253	60	26
Bottling and canning operatives	920	915	5	–	–	5	–	–
Checkers, examiners, and inspectors, manufacturing	23 852	23 505	276	167	39	70	50	21
Dressmakers and seamstresses, except factory	4 832	3 259	168	46	71	51	1 348	57
Laundry and drycleaning operatives, including ironers	11 594	10 403	869	73	458	338	240	82
Graders and sorters, manufacturing	885	885	–	–	–	–	–	–
Packers and wrappers, except produce	28 035	27 658	251	87	67	97	58	68
Sewers and stitchers	19 372	18 851	319	85	93	141	179	23
Textile operatives	908	819	17	–	8	9	72	–
Other specified operatives	56 825	54 898	1 269	402	273	594	502	156
Miscellaneous and not specified operatives	49 034	47 676	1 067	416	279	372	212	79
Manufacturing	44 914	43 993	715	319	109	287	145	61
Durable goods	24 847	24 336	406	184	76	146	72	33
Machinery, including electrical	12 894	12 707	149	55	35	59	27	11
Other durable goods	11 953	11 629	257	129	41	87	45	22
Nondurable goods, including not specified manufacturing	20 067	19 657	309	135	33	141	73	28
Food and kindred products	4 252	4 167	55	12	12	31	14	16
Apparel and other fabricated textile products	1 585	1 560	16	5	–	11	9	–
Nonmanufacturing industries	4 120	3 683	352	97	170	85	67	18
Transport equipment operatives	**6 337**	**4 856**	**1 208**	**117**	**231**	**860**	**230**	**43**
Laborers, except farm	**19 442**	**16 997**	**1 726**	**1 190**	**160**	**376**	**544**	**175**
Farmers and farm managers	**2 544**	**123**	**–**	**–**	**–**	**–**	**2 410**	**11**
Farm laborers and farm foremen	**2 998**	**1 766**	**30**	**9**	**21**	**–**	**37**	**1 165**
Paid farm laborers and farm foremen	1 833	1 766	30	9	21	–	37	–
Unpaid family workers	1 165	–	–	–	–	–	–	1 165
Service workers, except private household[1]	**258 752**	**198 699**	**40 861**	**3 754**	**15 065**	**22 042**	**17 244**	**1 948**
Cleaning service workers	30 687	26 271	4 085	721	1 336	2 028	221	110
Chambermaids and maids	7 411	6 975	378	24	178	176	33	25
Food service workers	102 656	84 811	13 695	1 015	4 694	7 986	2 928	1 222
Cooks, except private household	26 042	18 298	6 217	264	1 852	4 101	1 143	384
Waiters and food counter workers	55 567	51 880	2 187	261	941	985	892	608
Health service workers	55 188	42 737	11 657	1 227	5 621	4 809	588	206
Nursing aides, orderlies, and attendants	33 780	25 697	7 906	748	3 968	3 190	119	58
Practical nurses	10 936	8 341	2 103	280	652	1 171	469	23
Personal service workers	42 123	24 600	5 147	399	2 349	2 399	12 193	183
Hairdressers and cosmetologists	24 199	13 667	116	16	60	40	10 299	117
Private household workers	**35 148**	**34 690**	**43**	**38**	**–**	**5**	**398**	**17**
Private household workers, living in	3 174	3 167	–	–	–	–	7	–
Private household workers, living out	31 974	31 523	43	38	–	5	391	17

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro								
Male, 16 years old and over	**261 685**	**206 730**	**46 988**	**19 918**	**6 040**	**21 030**	**7 711**	**256**
Professional, technical, and kindred workers	**16 604**	**8 888**	**6 545**	**1 110**	**1 269**	**4 166**	**1 167**	**4**
Accountants	811	595	171	108	50	13	45	-
Architects	42	29	10	-	5	5	3	-
Computer specialists	425	320	105	39	35	31	-	-
Engineers	956	706	245	107	34	104	5	-
Aeronautical and astronautical	5	-	5	5	-	-	-	-
Civil	163	50	108	13	12	83	5	-
Electrical and electronic	256	217	39	22	6	11	-	-
Mechanical	138	119	19	15	-	4	-	-
Other engineers	394	320	74	52	16	6	-	-
Lawyers and judges	314	80	92	19	12	61	142	-
Life and physical scientists	411	303	102	77	-	25	6	-
Chemists	358	271	81	72	-	9	6	-
Physicians, dentists, and related practitioners	879	420	73	24	26	23	386	-
Dentists	152	13	-	-	-	-	139	-
Pharmacists	285	223	12	12	-	-	50	-
Physicians, medical and osteopathic	358	171	46	12	11	23	141	-
Other related practitioners	84	13	15	-	15	-	56	-
Health technologists and technicians	564	297	262	122	31	109	5	-
Religious workers	627	485	4	-	-	4	138	-
Social scientists	141	79	58	13	29	16	4	-
Social and recreation workers	992	316	676	55	142	479	-	-
Teachers	3 557	715	2 819	59	426	2 334	23	-
College and university	397	133	264	-	153	111	-	-
Elementary and prekindergarten	1 484	208	1 276	22	134	1 120	-	-
Secondary	1 459	232	1 227	32	114	1 081	-	-
Engineering and science technicians	1 466	1 215	245	121	48	76	6	-
Draftsmen and surveyors	648	544	98	46	30	22	6	-
Electrical and electronic engineering technicians	188	156	32	28	-	4	-	-
Technicians, except health, and engineering and science	180	76	101	55	24	22	3	-
Airplane pilots	6	6	-	-	-	-	-	-
Writers, artists, and entertainers	1 340	976	131	15	40	76	229	4
Other professional, technical, and kindred workers	3 899	2 276	1 451	296	367	788	172	-
Managers and administrators, except farm	**8 388**	**5 137**	**1 942**	**628**	**319**	**995**	**1 295**	**14**
Buyers, purchasing agents, and sales managers	778	700	54	26	12	16	20	4
School administrators	378	54	324	-	41	283	-	-
Specified managers and administrators, public administration	1 008	-	1 008	537	172	299	-	-
Other specified managers and administrators	2 078	1 472	252	34	34	184	349	5
Managers and administrators, n.e.c., salaried	3 215	2 911	304	31	60	213	-	-
Manufacturing	533	527	6	6	-	-	-	-
Wholesale and retail trade	1 266	1 252	14	4	-	10	-	-
Transportation, communications and other public utilities	278	221	57	5	6	46	-	-
All other industries	1 138	911	227	16	54	157	-	-
Managers and administrators, n.e.c., self-employed	931	-	-	-	-	-	926	5
Construction	110	-	-	-	-	-	110	-
Manufacturing	27	-	-	-	-	-	27	-
Wholesale and retail trade	562	-	-	-	-	-	557	5
All other industries	232	-	-	-	-	-	232	-
Sales workers	**7 685**	**6 931**	**162**	**33**	**23**	**106**	**571**	**21**
Insurance agents, brokers, and underwriters	1 064	968	36	14	5	17	60	-
Real estate agents and brokers	280	182	-	-	-	-	98	-
Sales representatives, manufacturing industries	576	540	14	-	-	14	22	-
Sales representatives, wholesale trade	666	602	12	-	-	12	46	6
Sales clerks, retail trade	2 725	2 449	61	-	18	43	200	15
Salesmen, retail trade	812	780	6	6	-	-	26	-
Salesmen of services and construction	163	152	7	7	-	-	4	-
Other sales workers	1 399	1 258	26	6	-	20	115	-
Clerical and kindred workers	**27 790**	**15 984**	**11 694**	**9 750**	**670**	**1 274**	**100**	**12**
Bank tellers and cashiers	742	648	84	16	17	51	10	-
Bookkeepers and billing clerks	1 012	820	177	41	44	92	10	5
Mail handlers and postal clerks	8 316	534	7 776	7 706	51	19	6	-
Other clerical and kindred workers	17 720	13 982	3 657	1 987	558	1 112	74	7
Craftsmen and kindred workers	**40 700**	**35 192**	**3 576**	**1 611**	**541**	**1 424**	**1 908**	**24**
Apparel craftsmen and upholsterers	537	478	7	-	7	-	52	-
Bakers	804	772	26	11	-	15	6	-
Cabinetmakers	165	148	7	7	-	-	10	-
Construction craftsmen	7 046	5 534	732	223	106	403	775	5
Carpenters	1 079	838	78	21	22	35	158	5
Excavating, grading, and road machine operators	612	489	116	46	20	50	7	-
Electricians	1 184	953	171	39	24	108	60	-
Masons and tile setters	865	783	67	13	6	48	15	-
Painters, construction and maintenance, and paperhangers	1 644	1 063	164	53	19	92	417	-
Plasterers and cement finishers	511	442	10	-	6	4	59	-
Plumbers and pipe fitters	726	576	91	46	9	36	59	-
Other construction craftsmen	425	390	35	5	-	30	-	-
Foremen, n.e.c	4 449	3 943	485	243	104	138	21	-
Manufacturing	2 837	2 737	89	60	20	9	11	-
Nonmanufacturing industries	1 612	1 206	396	183	84	129	10	-
Linemen and servicemen, telephone and power	1 300	1 216	84	19	41	24	-	-
Locomotive engineers and firemen	176	125	51	18	-	33	-	-
Mechanics and repairmen	9 610	8 074	1 025	615	91	319	495	16
Air conditioning, heating, and refrigeration	243	174	44	39	5	-	25	-
Aircraft	72	47	25	25	-	-	-	-
Automobile, including body	4 560	3 863	395	217	24	154	302	-
Radio and television	735	539	67	38	13	16	129	-
Other mechanics and repairmen	4 000	3 451	494	296	49	149	39	16
Metal craftsmen, except mechanics	4 743	4 538	199	74	41	84	6	-
Machinists and job and die setters	2 001	1 942	59	24	4	31	-	-
Sheetmetal workers and tinsmiths	217	193	24	15	4	5	-	-
Tool and die makers	352	352	-	-	-	-	-	-
Other metal craftsmen	2 173	2 051	116	35	33	48	6	-
Printing craftsmen	1 786	1 637	139	60	41	38	10	-
Compositors and typesetters	683	652	27	9	5	13	4	-
Pressmen and plate printers, printing	837	734	103	42	36	25	-	-
Stationary engineers and power station operators	609	488	121	23	12	86	-	-
Other craftsmen and kindred workers	9 475	8 239	700	318	98	284	533	3

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**61 075**	**57 782**	**2 911**	**1 072**	**469**	**1 370**	**364**	**18**
Assemblers	4 758	4 550	198	122	13	63	10	-
Checkers, examiners, and inspectors; manufacturing	3 015	2 826	189	61	22	106	-	-
Garage workers and gas station attendants	1 743	1 632	50	29	-	21	51	10
Laundry and drycleaning operatives, n.e.c	943	830	86	11	32	43	19	8
Meat cutters and butchers	2 200	2 125	50	27	5	18	25	-
Mine operatives, n.e.c	94	89	5	-	5	-	-	-
Packers and wrappers, except produce	3 228	3 089	133	44	31	58	6	-
Painters, manufactured articles	1 032	1 004	16	3	6	7	12	-
Precision machine operatives	2 509	2 454	55	25	5	25	-	-
Sawyers	254	254	-	-	-	-	-	-
Stationary firemen	616	387	229	50	20	159	-	-
Textile operatives	193	193	-	-	-	-	-	-
Welders and flamecutters	3 830	3 696	116	58	36	22	18	-
Other metalworking operatives	4 653	4 391	233	68	15	150	29	-
Other specified operatives	14 348	13 638	582	202	117	263	128	-
Miscellaneous and not specified operatives	17 659	16 624	969	372	162	435	66	-
Occupation:								
Machine operatives, miscellaneous specified	7 038	6 737	281	97	34	150	20	-
Machine operatives, not specified	5 391	5 055	336	138	71	127	-	-
Miscellaneous operatives	3 615	3 293	291	114	47	130	31	-
Not specified operatives	1 615	1 539	61	23	10	28	15	-
Industry:								
Manufacturing	15 358	14 712	622	221	104	297	24	-
Durable goods	9 185	8 746	424	163	83	178	15	-
Wood products, including furniture	400	365	35	25	5	5	-	-
Primary metal industries	3 132	2 999	129	21	36	72	4	-
Fabricated metal industries	1 433	1 399	34	21	7	6	-	-
Machinery, including electrical	2 451	2 344	102	25	19	58	5	-
Motor vehicles and equipment	483	463	20	-	9	11	-	-
Transportation equipment, except motor vehicles	235	215	20	20	-	-	-	-
Other durable goods	1 051	961	84	51	7	26	6	-
Nondurable goods	5 905	5 722	174	58	17	99	9	-
Food and kindred products	2 083	2 015	68	16	8	44	-	-
Apparel and other fabricated textile products	99	99	-	-	-	-	-	-
Paper and allied products	958	917	36	7	5	24	5	-
Chemicals and allied products	986	943	43	29	4	10	-	-
Other nondurable goods	1 779	1 748	27	6	-	21	4	-
Not specified manufacturing industries	268	244	24	-	4	20	-	-
Nonmanufacturing industries	2 301	1 912	347	151	58	138	42	-
Transportation, communications, and other public utilities	565	462	98	15	21	62	5	-
Wholesale and retail trade	947	891	41	8	17	16	15	-
All other industries	789	559	208	128	20	60	22	-
Transport equipment operatives	**26 514**	**22 165**	**3 825**	**939**	**338**	**2 548**	**524**	**-**
Bus drivers	4 461	2 829	1 616	43	139	1 434	16	-
Taxicab drivers and chauffeurs	2 963	2 785	85	24	8	53	93	-
Truck drivers and deliverymen	10 404	8 843	1 267	635	127	505	294	-
Other transport equipment operatives	8 686	7 708	857	237	64	556	121	-
Laborers, except farm	**29 742**	**24 603**	**4 787**	**2 352**	**386**	**2 049**	**330**	**22**
Construction laborers	4 078	3 675	397	53	100	244	6	-
Freight, stock, and material handlers	11 813	9 235	2 487	1 706	87	694	86	5
Other specified laborers	7 727	6 272	1 259	474	145	640	187	9
Miscellaneous and not specified laborers	6 124	5 421	644	119	54	471	51	8
Occupation:								
Miscellaneous laborers	2 300	1 970	298	40	31	227	32	-
Not specified laborers	3 824	3 451	346	79	23	244	19	8
Industry:								
Manufacturing	3 785	3 689	96	47	6	43	-	-
Durable goods	2 863	2 780	83	38	6	39	-	-
Wood products, including furniture	95	95	-	-	-	-	-	-
Metal industries	2 059	1 985	74	29	6	39	-	-
Machinery, including electrical	355	355	-	-	-	-	-	-
Transportation equipment	167	158	9	9	-	-	-	-
Other durable goods	187	187	-	-	-	-	-	-
Nondurable goods	824	811	13	9	-	4	-	-
Food and kindred products	440	436	4	-	-	4	-	-
Not specified manufacturing industries	98	98	-	-	-	-	-	-
Nonmanufacturing industries	2 339	1 732	548	72	48	428	51	8
Railroads and railway express service	555	505	50	10	29	11	-	-
Transportation, except railroads	189	158	31	16	-	15	-	-
Communications, and utilities and sanitary services	430	139	285	4	6	275	6	-
Wholesale and retail trade	597	540	12	5	-	7	45	-
All other industries	568	390	170	37	13	120	-	8
Farmers and farm managers	**434**	**63**	**5**	**5**	**-**	**-**	**357**	**9**
Farm laborers and farm foremen	**767**	**659**	**32**	**10**	**6**	**16**	**15**	**61**
Paid farm laborers and farm foremen	706	659	32	10	6	16	15	-
Unpaid family workers	61	-	-	-	-	-	-	61
Service workers, except private household[1]	**41 270**	**28 623**	**11 503**	**2 408**	**2 013**	**7 082**	**1 073**	**71**
Cleaning service workers	17 587	12 713	4 621	964	919	2 738	233	20
Food service workers	6 911	6 166	574	226	171	177	132	39
Cooks, except private household	3 134	2 800	274	111	85	78	45	15
Busboys and dishwashers	1 195	1 133	62	35	15	12	-	-
Health service workers	1 205	540	665	306	266	93	-	-
Personal service workers	3 135	2 042	590	221	108	261	494	9
Protective service workers	6 182	2 271	3 911	301	325	3 285	-	-
Firemen, fire protection	262	25	237	5	-	232	-	-
Guards and watchmen	2 938	2 004	934	246	160	528	-	-
Policemen and detectives	2 765	218	2 547	50	148	2 349	-	-
Private household workers	**716**	**703**	**6**	**-**	**6**	**-**	**7**	**-**

[1]Includes allocated cases not shown separately.

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro—Continued								
Female, 16 years old and over	**202 717**	**146 700**	**52 078**	**18 898**	**9 896**	**23 284**	**3 573**	**366**
Professional, technical, and kindred workers	**22 170**	**8 197**	**13 631**	**1 579**	**2 361**	**9 691**	**329**	**13**
Accountants	658	328	330	226	32	72	–	–
Computer specialists	152	131	21	10	–	11	–	–
Librarians	295	101	194	6	47	141	–	–
Mathematical specialists	54	37	17	9	–	8	–	–
Life and physical scientists	124	56	68	12	6	50	–	–
Registered nurses, dietitians, and therapists	4 117	2 613	1 356	280	463	613	141	7
Dietitians	486	246	235	68	106	61	5	–
Registered nurses	3 364	2 212	1 009	196	304	509	136	7
Health technologists and technicians	1 204	846	353	53	125	175	5	–
Social scientists	137	51	86	10	32	44	–	–
Social and recreation workers	1 846	279	1 567	239	371	957	–	–
Teachers: College and university	438	151	287	7	176	104	–	–
Elementary and prekindergarten	6 533	1 074	5 442	266	473	4 703	17	–
Secondary	1 622	190	1 432	9	136	1 287	–	–
Other teachers	415	197	187	21	65	101	31	–
Engineering and science technicians	299	240	59	29	4	26	–	–
Technicians, except health, and engineering and science	111	51	60	13	4	43	–	–
Writers, artists, and entertainers	609	390	158	26	45	87	61	–
Actors and dancers	24	10	14	–	5	9	–	–
Authors, editors, and reporters	155	146	9	5	4	–	–	–
Other professional, technical, and kindred workers	3 556	1 462	2 014	363	382	1 269	74	6
Managers and administrators, except farm	**3 238**	**1 810**	**1 074**	**337**	**189**	**548**	**319**	**35**
Buyers, purchasing agents, and sales managers	339	258	81	81	–	–	–	–
Restaurant, cafeteria, and bar managers	241	110	54	–	6	48	65	12
School administrators	355	71	276	–	40	236	8	–
Other specified managers and administrators	1 160	631	504	221	95	188	17	8
Managers and administrators, n.e.c., salaried	899	740	159	35	48	76	–	–
Wholesale and retail trade	240	225	15	11	–	4	–	–
Managers and administrators, n.e.c., self-employed	244	–	–	–	–	–	229	15
Wholesale and retail trade	130	–	–	–	–	–	115	15
Sales workers	**6 750**	**6 152**	**188**	**79**	**37**	**72**	**344**	**66**
Demonstrators, hucksters, and peddlers	137	125	6	6	–	–	6	–
Insurance, real estate agents, and brokers	328	265	14	–	–	14	49	–
Sales clerks, retail trade	4 545	4 258	80	39	5	36	161	46
Salesmen, retail trade	191	159	–	–	–	–	28	4
Other sales workers	1 549	1 345	88	34	32	22	100	16
Clerical and kindred workers	**66 893**	**43 012**	**23 484**	**12 862**	**3 487**	**7 135**	**320**	**77**
Bank tellers	707	615	92	53	4	35	–	–
Bookkeepers	3 047	2 374	623	276	86	261	27	23
Cashiers	4 418	3 983	345	105	66	174	72	18
Counter clerks, except food	1 478	1 387	57	19	16	22	28	6
Enumerators and interviewers	259	47	212	158	12	42	–	–
File clerks	4 532	2 990	1 542	704	264	574	–	–
Office machine operators	4 715	3 830	885	395	197	293	–	–
Bookkeeping and billing machine operators	501	439	62	23	17	22	–	–
Keypunch operators	3 151	2 550	601	240	144	217	–	–
Payroll and timekeeping clerks	728	506	222	97	10	115	–	–
Receptionists	1 270	881	389	91	104	194	–	–
Secretaries	6 809	4 883	1 884	643	489	752	37	5
Stenographers	354	133	208	76	53	79	8	5
Telephone operators	2 814	2 434	380	80	152	148	–	–
Typists	8 140	4 884	3 224	1 186	762	1 276	26	6
Other clerical and kindred workers	27 622	14 065	13 421	8 979	1 272	3 170	122	14
Craftsmen and kindred workers	**4 136**	**3 773**	**317**	**149**	**48**	**120**	**42**	**4**
Foremen, n.e.c	708	603	95	27	31	37	6	4
Operatives, except transport	**39 524**	**37 615**	**1 659**	**650**	**297**	**712**	**221**	**29**
Assemblers	5 016	4 826	184	96	41	47	6	–
Bottling and canning operatives	110	110	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	2 838	2 756	77	42	14	21	–	5
Dressmakers and seamstresses, except factory	463	342	57	35	–	22	60	4
Laundry and drycleaning operatives, including ironers	4 187	3 996	158	35	59	64	29	4
Graders and sorters, manufacturing	197	197	–	–	–	–	–	–
Packers and wrappers, except produce	4 692	4 538	136	50	30	56	18	–
Sewers and stitchers	2 797	2 651	130	36	24	70	16	–
Textile operatives	74	74	–	–	–	–	–	–
Other specified operatives	10 471	9 877	519	175	88	256	65	10
Miscellaneous and not specified operatives	8 679	8 248	398	181	41	176	27	6
Manufacturing	7 636	7 311	302	125	31	146	23	–
Durable goods	3 568	3 419	142	56	17	69	7	–
Machinery, including electrical	1 735	1 683	45	11	5	29	7	–
Other durable goods	1 833	1 736	97	45	12	40	–	–
Nondurable goods, including not specified manufacturing	4 068	3 892	160	69	14	77	16	–
Food and kindred products	1 055	1 011	44	12	7	25	–	–
Apparel and other fabricated textile products	280	276	–	–	–	–	4	–
Nonmanufacturing industries	1 043	937	96	56	10	30	4	6
Transport equipment operatives	**554**	**439**	**101**	**38**	**11**	**52**	**14**	**–**
Laborers, except farm	**4 601**	**3 446**	**1 130**	**953**	**42**	**135**	**20**	**5**
Farmers and farm managers	**248**	**27**	**–**	**–**	**–**	**–**	**221**	**–**
Farm laborers and farm foremen	**446**	**413**	**–**	**–**	**–**	**–**	**3**	**30**
Paid farm laborers and farm foremen	416	413	–	–	–	–	3	–
Unpaid family workers	30	–	–	–	–	–	–	30
Service workers, except private household[1]	**41 709**	**29 466**	**10 457**	**2 219**	**3 424**	**4 814**	**1 686**	**100**
Cleaning service workers	8 564	7 064	1 465	432	370	663	26	9
Chambermaids and maids	3 095	2 962	122	19	31	72	11	–
Food service workers	9 146	6 808	2 136	532	581	1 023	177	25
Cooks, except private household	3 268	2 521	647	115	238	294	96	4
Waiters and food counter workers	2 815	2 440	296	108	67	121	63	16
Health service workers	12 399	8 225	4 026	844	1 699	1 483	142	6
Nursing aides, orderlies, and attendants	8 154	5 477	2 646	566	1 187	893	25	6
Practical nurses	3 116	2 042	957	194	303	460	117	–
Personal service workers	4 796	2 499	1 188	191	464	533	1 103	6
Hairdressers and cosmetologists	1 930	989	35	10	19	6	906	–
Private household workers	**12 448**	**12 350**	**37**	**32**	**–**	**5**	**54**	**7**
Private household workers, living in	857	857	–	–	–	–	–	–
Private household workers, living out	11 591	11 493	37	32	–	5	54	7

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Spanish Language								
Male, 16 years old and over	**84 524**	**77 080**	**4 929**	**1 628**	**1 063**	**2 238**	**2 477**	**38**
Professional, technical, and kindred workers	**6 617**	**4 572**	**1 355**	**327**	**490**	**538**	**683**	**7**
Accountants	445	390	42	35	–	7	13	–
Architects	50	50	–	–	–	–	–	–
Computer specialists	203	173	30	25	5	–	–	–
Engineers	865	731	108	28	36	44	26	–
Aeronautical and astronautical	27	27	–	–	–	–	–	–
Civil	184	143	41	–	20	21	–	–
Electrical and electronic	197	180	17	–	7	10	–	–
Mechanical	92	86	–	–	–	–	6	–
Other engineers	365	295	50	28	9	13	20	–
Lawyers and judges	138	45	21	14	7	–	72	–
Life and physical scientists	144	117	27	14	13	–	–	–
Chemists	114	100	14	8	6	–	–	–
Physicians, dentists, and related practitioners	1 012	433	181	50	101	30	398	–
Dentists	23	8	–	–	–	–	15	–
Pharmacists	35	29	–	–	–	–	6	–
Physicians, medical and osteopathic	934	383	181	50	101	30	370	–
Other related practitioners	20	13	–	–	–	–	7	–
Health technologists and technicians	198	157	41	–	6	35	–	–
Religious workers	77	77	–	–	–	–	–	–
Social scientists	75	54	14	5	9	–	7	–
Social and recreation workers	159	57	102	9	12	81	–	–
Teachers	808	366	438	16	189	233	4	–
College and university	304	146	158	–	152	6	–	–
Elementary and prekindergarten	146	36	110	7	23	80	–	–
Secondary	280	115	165	9	14	142	–	–
Engineering and science technicians	933	822	86	34	18	34	25	–
Draftsmen and surveyors	531	455	51	13	18	20	25	–
Electrical and electronic engineering technicians	166	166	–	–	–	–	–	–
Technicians, except health, and engineering and science	104	67	37	37	–	–	–	–
Airplane pilots	49	49	–	–	–	–	–	–
Writers, artists, and entertainers	526	389	38	9	17	12	99	–
Other professional, technical, and kindred workers	880	644	190	51	77	62	39	7
Managers and administrators, except farm	**2 984**	**2 368**	**221**	**114**	**47**	**60**	**395**	–
Buyers, purchasing agents, and sales managers	469	456	–	–	–	–	13	–
School administrators	34	16	18	–	–	18	–	–
Specified managers and administrators, public administration	125	–	125	93	8	24	–	–
Other specified managers and administrators	581	460	43	12	25	6	78	–
Managers and administrators, n.e.c., salaried	1 471	1 436	35	9	14	12	–	–
Manufacturing	506	506	–	–	–	–	–	–
Wholesale and retail trade	456	450	6	–	–	6	–	–
Transportation, communications and other public utilities	105	105	–	–	–	–	–	–
All other industries	404	375	29	9	14	6	–	–
Managers and administrators, n.e.c., self-employed	304	–	–	–	–	–	304	–
Construction	–	–	–	–	–	–	–	–
Manufacturing	8	–	–	–	–	–	8	–
Wholesale and retail trade	230	–	–	–	–	–	230	–
All other industries	66	–	–	–	–	–	66	–
Sales workers	**2 694**	**2 337**	**44**	**31**	**7**	**6**	**308**	**5**
Insurance agents, brokers, and underwriters	385	352	6	–	–	6	27	–
Real estate agents and brokers	41	33	–	–	–	–	8	–
Sales representatives, manufacturing industries	281	281	–	–	–	–	–	–
Sales representatives, wholesale trade	386	345	–	–	–	–	41	–
Sales clerks, retail trade	852	694	–	–	–	–	153	5
Salesmen, retail trade	208	171	10	10	–	–	27	–
Salesmen of services and construction	101	85	9	9	–	–	7	–
Other sales workers	440	376	19	12	7	–	45	–
Clerical and kindred workers	**6 757**	**5 915**	**772**	**568**	**60**	**144**	**65**	**5**
Bank tellers and cashiers	336	303	19	14	–	5	9	5
Bookkeepers and billing clerks	442	370	52	27	–	25	20	–
Mail handlers and postal clerks	495	160	335	335	–	–	–	–
Other clerical and kindred workers	5 484	5 082	366	192	60	114	36	–
Craftsmen and kindred workers	**15 856**	**15 120**	**267**	**91**	**34**	**142**	**464**	**5**
Apparel craftsmen and upholsterers	263	229	–	–	–	–	34	–
Bakers	480	480	–	–	–	–	–	–
Cabinetmakers	83	83	–	–	–	–	–	–
Construction craftsmen	2 631	2 385	54	6	13	35	192	–
Carpenters	567	509	6	–	–	6	52	–
Excavating, grading, and road machine operators	226	216	5	–	–	5	5	–
Electricians	570	539	24	–	–	24	7	–
Masons and tile setters	181	169	–	–	–	–	12	–
Painters, construction and maintenance, and paperhangers	501	424	–	–	–	–	77	–
Plasterers and cement finishers	118	85	13	–	13	–	20	–
Plumbers and pipe fitters	254	235	6	6	–	–	13	–
Other construction craftsmen	214	208	–	–	–	–	6	–
Foremen, n.e.c.	2 094	2 025	51	24	7	20	13	5
Manufacturing	1 427	1 406	21	8	7	6	–	–
Nonmanufacturing industries	667	619	30	16	–	14	13	5
Linemen and servicemen, telephone and power	363	355	8	–	8	–	–	–
Locomotive engineers and firemen	74	74	–	–	–	–	–	–
Mechanics and repairmen	3 662	3 480	82	30	–	52	100	–
Air conditioning, heating, and refrigeration	66	59	–	–	–	–	7	–
Aircraft	49	49	–	–	–	–	–	–
Automobile, including body	1 245	1 161	19	6	–	13	65	–
Radio and television	307	291	11	4	–	7	5	–
Other mechanics and repairmen	1 995	1 920	52	20	–	32	23	–
Metal craftsmen, except mechanics	2 723	2 693	30	18	–	12	–	–
Machinists and job and die setters	1 411	1 390	21	15	–	6	–	–
Sheetmetal workers and tinsmiths	175	169	6	–	–	6	–	–
Tool and die makers	381	381	–	–	–	–	–	–
Other metal craftsmen	756	753	3	3	–	–	–	–
Printing craftsmen	900	880	13	–	6	7	7	–
Compositors and typesetters	323	316	–	–	–	–	7	–
Pressmen and plate printers, printing	406	393	13	–	6	7	–	–
Stationary engineers and power station operators	108	108	–	–	–	–	–	–
Other craftsmen and kindred workers	2 475	2 328	29	13	–	16	118	–

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Spanish Language—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**28 360**	**27 619**	**625**	**169**	**137**	**319**	**109**	**7**
Assemblers	3 502	3 428	58	21	22	15	16	-
Checkers, examiners, and inspectors, manufacturing	1 369	1 357	12	6	-	6	-	-
Garage workers and gas station attendants	373	356	9	-	-	9	8	-
Laundry and drycleaning operatives, n.e.c	145	124	13	-	6	7	8	-
Meat cutters and butchers	852	826	6	6	-	-	20	-
Mine operatives, n.e.c	26	26	-	-	-	-	-	-
Packers and wrappers, except produce	2 026	1 993	33	7	8	18	-	-
Painters, manufactured articles	641	628	6	-	-	6	7	-
Precision machine operatives	1 653	1 637	16	-	-	16	-	-
Sawyers	197	197	-	-	-	-	-	-
Stationary firemen	88	62	26	21	-	5	-	-
Textile operatives	79	79	-	-	-	-	-	-
Welders and flamecutters	2 250	2 180	70	30	7	33	-	-
Other metalworking operatives	3 112	3 011	101	12	5	84	-	-
Other specified operatives	3 328	3 239	71	-	14	57	11	7
Miscellaneous and not specified operatives	8 719	8 476	204	66	75	63	39	-
Occupation:								
Machine operatives, miscellaneous specified	3 252	3 182	64	14	22	28	6	-
Machine operatives, not specified	3 104	3 020	71	15	26	30	13	-
Miscellaneous operatives	1 445	1 401	38	17	21	-	6	-
Not specified operatives	918	873	31	20	6	5	14	-
Industry:								
Manufacturing	8 013	7 811	169	59	60	50	33	-
Durable goods	4 939	4 801	118	50	42	26	20	-
Wood products, including furniture	268	246	22	16	-	6	-	-
Primary metal industries	1 166	1 149	17	9	8	-	-	-
Fabricated metal industries	987	981	6	-	6	-	-	-
Machinery, including electrical	1 624	1 576	34	7	22	5	14	-
Motor vehicles and equipment	104	104	-	-	-	-	-	-
Transportation equipment, except motor vehicles	135	121	14	-	6	8	-	-
Other durable goods	655	624	25	18	-	7	6	-
Nondurable goods	2 975	2 911	51	9	18	24	13	-
Food and kindred products	931	915	16	-	-	16	-	-
Apparel and other fabricated textile products	36	36	-	-	-	-	-	-
Paper and allied products	743	717	19	-	11	8	7	-
Chemicals and allied products	362	356	-	-	-	-	6	-
Other nondurable goods	903	887	16	9	7	-	-	-
Not specified manufacturing industries	99	99	-	-	-	-	-	-
Nonmanufacturing industries	706	665	35	7	15	13	6	-
Transportation, communications, and other public utilities	241	236	5	-	5	-	-	-
Wholesale and retail trade	271	271	-	-	-	-	-	-
All other industries	194	158	30	7	10	13	6	-
Transport equipment operatives	**4 331**	**4 013**	**233**	**39**	**30**	**164**	**85**	**-**
Bus drivers	225	143	82	-	7	75	-	-
Taxicab drivers and chauffeurs	474	453	14	-	-	14	7	-
Truck drivers and deliverymen	2 342	2 175	89	15	17	57	78	-
Other transport equipment operatives	1 290	1 242	48	24	6	18	-	-
Laborers, except farm	**8 337**	**7 833**	**449**	**113**	**104**	**232**	**46**	**9**
Construction laborers	796	748	48	-	24	24	-	-
Freight, stock, and material handlers	3 553	3 383	170	94	38	38	-	-
Other specified laborers	1 517	1 355	116	12	6	98	46	-
Miscellaneous and not specified laborers	2 471	2 347	115	7	36	72	-	9
Occupation:								
Miscellaneous laborers	957	894	63	7	31	25	-	-
Not specified laborers	1 514	1 453	52	-	5	47	-	9
Industry:								
Manufacturing	1 688	1 650	38	-	17	21	-	-
Durable goods	1 363	1 330	33	-	12	21	-	-
Wood products, including furniture	45	45	-	-	-	-	-	-
Metal industries	881	869	12	-	12	-	-	-
Machinery, including electrical	196	196	-	-	-	-	-	-
Transportation equipment	91	78	13	-	-	13	-	-
Other durable goods	150	142	8	-	-	8	-	-
Nondurable goods	311	306	5	-	5	-	-	-
Food and kindred products	135	130	5	-	5	-	-	-
Not specified manufacturing industries	14	14	-	-	-	-	-	-
Nonmanufacturing industries	783	697	77	7	19	51	-	9
Railroads and railway express service	379	367	12	-	12	-	-	-
Transportation, except railroads	15	15	-	-	-	-	-	-
Communications, and utilities and sanitary services	45	7	38	-	7	31	-	-
Wholesale and retail trade	185	178	7	7	-	-	-	-
All other industries	159	130	20	-	-	20	-	9
Farmers and farm managers	**99**	**24**	**-**	**-**	**-**	**-**	**75**	**-**
Farm laborers and farm foremen	**542**	**525**	**7**	**7**	**-**	**-**	**10**	**-**
Paid farm laborers and farm foremen	542	525	7	7	-	-	10	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**7 915**	**6 722**	**956**	**169**	**154**	**633**	**237**	**-**
Cleaning service workers	2 880	2 558	291	33	90	168	31	-
Food service workers	3 154	3 002	96	56	14	26	56	-
Cooks, except private household	1 057	1 005	28	15	-	13	24	-
Busboys and dishwashers	872	846	26	26	-	-	-	-
Health service workers	148	109	39	13	5	21	-	-
Personal service workers	603	434	37	11	-	26	132	-
Protective service workers	661	226	429	56	45	328	6	-
Firemen, fire protection	29	-	29	-	-	29	-	-
Guards and watchmen	265	211	48	6	25	17	6	-
Policemen and detectives	319	8	311	50	20	241	-	-
Private household workers	**32**	**32**	**-**	**-**	**-**	**-**	**-**	**-**

[1]Includes allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Spanish Language—Continued								
Female, 16 years old and over	**42 079**	**37 769**	**3 538**	**903**	**951**	**1 684**	**705**	**67**
Professional, technical, and kindred workers	**3 324**	**2 100**	**1 106**	**121**	**302**	**683**	**106**	**12**
Accountants	166	160	6	–	6	–	–	–
Computer specialists	49	29	14	7	–	7	6	–
Librarians	56	34	22	–	–	22	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	49	49	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	764	618	117	42	54	21	29	–
Dietitians	111	79	24	7	17	–	8	–
Registered nurses	623	514	88	35	32	21	21	–
Health technologists and technicians	259	219	40	15	10	15	–	–
Social scientists	10	–	10	–	5	5	–	–
Social and recreation workers	237	48	182	11	72	99	7	–
Teachers: College and university	137	80	57	6	36	15	–	–
Elementary and prekindergarten	563	192	371	30	51	290	–	–
Secondary	208	42	166	–	22	144	–	–
Other teachers	64	50	–	–	–	–	14	–
Engineering and science technicians	164	142	16	–	8	8	–	6
Technicians, except health, and engineering and science	14	8	6	6	–	–	–	–
Writers, artists, and entertainers	155	136	15	–	–	15	4	–
Actors and dancers	33	33	–	–	–	–	–	–
Authors, editors, and reporters	15	15	–	–	–	–	–	–
Other professional, technical, and kindred workers	429	293	84	4	38	42	46	6
Managers and administrators, except farm	**496**	**375**	**60**	**6**	**37**	**17**	**56**	**5**
Buyers, purchasing agents, and sales managers	63	63	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	28	16	–	–	–	–	12	–
School administrators	43	19	24	–	7	17	–	–
Other specified managers and administrators	76	65	11	6	5	–	–	–
Managers and administrators, n.e.c., salaried	237	212	25	–	25	–	–	–
Wholesale and retail trade	94	94	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	49	–	–	–	–	–	44	5
Wholesale and retail trade	33	–	–	–	–	–	28	5
Sales workers	**1 769**	**1 615**	**40**	**7**	**5**	**28**	**93**	**21**
Demonstrators, hucksters, and peddlers	44	38	–	–	–	–	6	–
Insurance, real estate agents, and brokers	103	103	–	–	–	–	–	–
Sales clerks, retail trade	1 230	1 114	34	7	5	22	68	14
Salesmen, retail trade	39	32	–	–	–	–	–	7
Other sales workers	353	328	6	–	–	6	19	–
Clerical and kindred workers	**12 066**	**10 648**	**1 320**	**571**	**298**	**451**	**86**	**12**
Bank tellers	293	260	26	14	–	12	7	–
Bookkeepers	899	844	48	29	13	6	–	7
Cashiers	855	815	17	6	–	11	23	–
Counter clerks, except food	258	258	–	–	–	–	–	–
Enumerators and interviewers	27	13	14	7	–	7	–	–
File clerks	765	685	80	33	15	32	–	–
Office machine operators	974	913	53	33	20	–	8	–
Bookkeeping and billing machine operators	168	162	6	–	6	–	–	–
Keypunch operators	668	631	29	15	14	–	8	–
Payroll and timekeeping clerks	84	84	–	–	–	–	–	–
Receptionists	249	218	31	6	4	21	–	–
Secretaries	2 499	2 219	261	109	81	71	14	5
Stenographers	72	52	15	–	–	15	5	–
Telephone operators	269	246	23	12	11	–	–	–
Typists	1 588	1 326	262	113	61	88	–	–
Other clerical and kindred workers	3 234	2 715	490	209	93	188	29	–
Craftsmen and kindred workers	**1 143**	**1 109**	**28**	**9**	**13**	**6**	**6**	**–**
Foremen, n.e.c	194	178	16	9	7	–	–	–
Operatives, except transport	**17 019**	**16 540**	**403**	**68**	**80**	**255**	**68**	**8**
Assemblers	4 065	3 942	123	6	21	96	–	–
Bottling and canning operatives	14	14	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 155	1 130	18	4	–	14	7	–
Dressmakers and seamstresses, except factory	141	108	16	–	–	16	17	–
Laundry and drycleaning operatives, including ironers	407	368	32	11	7	14	7	–
Graders and sorters, manufacturing	59	59	–	–	–	–	–	–
Packers and wrappers, except produce	2 319	2 251	56	11	25	20	4	8
Sewers and stitchers	1 393	1 380	13	–	5	8	–	–
Textile operatives	60	53	7	–	–	7	–	–
Other specified operatives	3 909	3 822	69	11	3	55	18	–
Miscellaneous and not specified operatives	3 497	3 413	69	25	19	25	15	–
Manufacturing	3 378	3 301	69	25	19	25	8	–
Durable goods	2 062	1 999	63	19	19	25	–	–
Machinery, including electrical	997	970	27	13	5	9	–	–
Other durable goods	1 065	1 029	36	6	14	16	–	–
Nondurable goods, including not specified manufacturing	1 316	1 302	6	6	–	–	8	–
Food and kindred products	185	185	–	–	–	–	–	–
Apparel and other fabricated textile products	158	158	–	–	–	–	–	–
Nonmanufacturing industries	119	112	–	–	–	–	7	–
Transport equipment operatives	**92**	**92**	**–**	**–**	**–**	**–**	**–**	**–**
Laborers, except farm	**893**	**824**	**62**	**31**	**12**	**19**	**7**	**–**
Farmers and farm managers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Farm laborers and farm foremen	**56**	**50**	**–**	**–**	**–**	**–**	**6**	**–**
Paid farm laborers and farm foremen	56	50	–	–	–	–	6	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**4 754**	**3 949**	**519**	**90**	**204**	**225**	**277**	**9**
Cleaning service workers	803	742	61	14	13	34	–	–
Chambermaids and maids	109	109	–	–	–	–	–	–
Food service workers	1 629	1 469	106	35	32	39	45	9
Cooks, except private household	260	246	14	6	–	8	–	–
Waiters and food counter workers	887	844	27	13	7	7	16	–
Health service workers	996	820	167	24	91	52	9	–
Nursing aides, orderlies, and attendants	562	477	85	17	47	21	–	–
Practical nurses	232	182	41	–	20	21	9	–
Personal service workers	854	541	114	14	58	42	199	–
Hairdressers and cosmetologists	516	340	6	–	–	6	170	–
Private household workers	**467**	**467**	**–**	**–**	**–**	**–**	**–**	**–**
Private household workers, living in	154	154	–	–	–	–	–	–
Private household workers, living out	313	313	–	–	–	–	–	–

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA								
Total								
Male, 16 years old and over	**1 754 568**	**1 460 448**	**182 031**	**53 976**	**21 981**	**106 074**	**110 160**	**1 929**
Professional, technical, and kindred workers	**266 905**	**190 692**	**47 951**	**9 763**	**8 703**	**29 485**	**28 142**	**120**
Accountants	25 988	21 319	2 302	1 489	409	404	2 358	9
Architects	2 720	1 901	168	64	21	83	651	–
Computer specialists	9 326	8 679	600	361	121	118	47	–
Engineers	49 362	44 337	3 840	1 475	627	1 738	1 185	–
Aeronautical and astronautical	101	91	10	10	–	–	–	–
Civil	5 988	3 892	1 838	233	468	1 137	258	–
Electrical and electronic	11 860	11 132	601	355	33	213	127	–
Mechanical	7 529	7 119	334	210	5	119	76	–
Other engineers	23 884	22 103	1 057	667	121	269	724	–
Lawyers and judges	12 776	4 189	1 464	462	397	605	7 119	4
Life and physical scientists	6 753	5 745	913	559	109	245	95	–
Chemists	5 182	4 768	374	245	51	78	40	–
Physicians, dentists, and related practitioners	19 123	8 224	1 673	613	562	498	9 213	13
Dentists	3 430	306	74	32	22	20	3 050	–
Pharmacists	3 953	3 315	80	31	26	23	554	4
Physicians, medical and osteopathic	9 889	4 063	1 463	509	499	455	4 358	5
Other related practitioners	1 851	540	56	41	15	–	1 251	4
Health technologists and technicians	2 828	1 976	719	287	213	219	122	11
Religious workers	6 030	5 303	64	12	39	13	663	–
Social scientists	4 405	3 329	737	194	245	298	332	7
Social and recreation workers	3 845	1 275	2 529	161	517	1 851	36	5
Teachers	34 860	12 302	22 101	218	3 270	18 613	457	–
College and university	8 114	4 928	3 186	27	2 124	1 035	–	–
Elementary and prekindergarten	7 960	1 820	6 131	21	398	5 712	9	–
Secondary	16 505	3 960	12 545	101	696	11 748	–	–
Engineering and science technicians	23 186	20 940	1 953	977	300	676	293	–
Draftsmen and surveyors	12 359	11 367	757	228	92	437	235	–
Electrical and electronic engineering technicians	3 977	3 524	425	338	52	35	28	–
Technicians, except health, and engineering and science	4 944	3 497	1 407	1 014	112	281	40	–
Airplane pilots	2 401	2 375	21	10	11	–	5	–
Writers, artists, and entertainers	24 222	19 518	848	275	102	471	3 808	48
Other professional, technical, and kindred workers	36 537	28 158	6 633	1 602	1 659	3 372	1 723	23
Managers and administrators, except farm	**193 315**	**158 123**	**14 102**	**4 926**	**2 096**	**7 080**	**20 772**	**318**
Buyers, purchasing agents, and sales managers	33 704	31 971	506	290	58	158	1 203	24
School administrators	4 109	1 113	2 969	10	365	2 594	27	–
Specified managers and administrators, public administration	7 337	–	7 330	3 863	1 000	2 467	7	–
Other specified managers and administrators	34 285	28 368	1 295	398	293	604	4 533	89
Managers and administrators, n.e.c., salaried	98 673	96 671	2 002	365	380	1 257	–	–
Manufacturing	34 899	34 843	56	43	–	13	–	–
Wholesale and retail trade	25 793	25 699	94	55	13	26	–	–
Transportation, communications and other public utilities	9 359	8 926	433	30	28	375	–	–
All other industries	28 622	27 203	1 419	237	339	843	–	–
Managers and administrators, n.e.c., self-employed	15 207	–	–	–	–	–	15 002	205
Construction	2 286	–	–	–	–	–	2 277	9
Manufacturing	1 756	–	–	–	–	–	1 740	16
Wholesale and retail trade	7 225	–	–	–	–	–	7 170	55
All other industries	3 940	–	–	–	–	–	3 815	125
Sales workers	**137 614**	**120 202**	**630**	**211**	**99**	**320**	**16 583**	**199**
Insurance agents, brokers, and underwriters	15 137	12 741	77	26	10	41	2 319	–
Real estate agents and brokers	5 576	3 813	17	10	4	3	1 728	18
Sales representatives, manufacturing industries	23 810	22 670	48	18	–	30	1 079	13
Sales representatives, wholesale trade	26 463	23 295	23	–	–	23	3 134	11
Sales clerks, retail trade	28 572	24 309	96	13	23	60	4 034	133
Salesmen, retail trade	11 756	10 400	20	15	–	5	1 317	19
Salesmen of services and construction	7 599	6 979	114	36	29	49	506	–
Other sales workers	18 701	15 995	235	93	33	109	2 466	5
Clerical and kindred workers	**166 364**	**132 370**	**32 094**	**24 019**	**2 119**	**5 956**	**1 761**	**139**
Bank tellers and cashiers	5 490	4 787	573	110	274	189	118	12
Bookkeepers and billing clerks	13 007	11 630	845	297	121	427	479	53
Mail handlers and postal clerks	21 555	3 838	17 696	17 565	48	83	21	–
Other clerical and kindred workers	126 312	112 115	12 980	6 047	1 676	5 257	1 143	74
Craftsmen and kindred workers	**375 212**	**336 994**	**17 275**	**4 809**	**2 022**	**10 444**	**20 756**	**187**
Apparel craftsmen and upholsterers	3 718	2 947	48	5	–	43	723	–
Bakers	3 964	3 553	58	21	13	24	348	5
Cabinetmakers	1 821	1 620	16	7	5	4	185	–
Construction craftsmen	82 945	69 608	4 858	850	678	3 330	8 433	46
Carpenters	21 346	17 260	782	158	126	498	3 274	30
Excavating, grading, and road machine operators	3 935	3 206	524	65	143	316	205	–
Electricians	17 713	16 126	1 229	244	152	833	352	6
Masons and tile setters	7 235	6 318	294	29	24	241	623	–
Painters, construction and maintenance, and paperhangers	11 046	7 559	759	125	100	534	2 723	5
Plasterers and cement finishers	2 740	2 387	88	17	21	50	265	–
Plumbers and pipe fitters	13 656	12 029	978	192	94	692	644	5
Other construction craftsmen	5 274	4 723	204	20	18	166	347	–
Foremen, n.e.c.	57 615	54 739	2 353	743	252	1 358	518	5
Manufacturing	38 023	37 600	214	139	29	46	209	–
Nonmanufacturing industries	19 592	17 139	2 139	604	223	1 312	309	5
Linemen and servicemen, telephone and power	12 545	12 268	250	37	81	132	27	–
Locomotive engineers and firemen	2 599	2 518	81	29	5	47	–	–
Mechanics and repairmen	76 291	67 227	3 969	1 623	350	1 996	5 015	80
Air conditioning, heating, and refrigeration	3 696	3 016	200	127	25	48	480	–
Aircraft	2 011	1 807	199	172	27	–	5	–
Automobile, including body	26 068	22 212	1 237	394	91	752	2 576	43
Radio and television	4 691	3 541	335	205	45	85	815	–
Other mechanics and repairmen	39 825	36 651	1 998	725	162	1 111	1 139	37
Metal craftsmen, except mechanics	51 586	49 665	1 101	416	116	569	785	35
Machinists and job and die setters	21 671	20 939	537	173	48	316	179	16
Sheetmetal workers and tinsmiths	6 161	5 796	178	29	17	132	187	–
Tool and die makers	12 484	12 064	178	138	27	13	242	–
Other metal craftsmen	11 270	10 866	208	76	24	108	177	19
Printing craftsmen	23 696	22 844	348	166	61	121	499	5
Compositors and typesetters	7 898	7 475	126	50	26	50	297	–
Pressmen and plate printers, printing	11 534	11 188	195	102	30	63	146	5
Stationary engineers and power station operators	7 894	6 044	1 826	124	229	1 473	24	–
Other craftsmen and kindred workers	50 538	43 961	2 367	788	232	1 347	4 199	11

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**238 012**	**227 863**	**6 300**	**1 806**	**942**	**3 552**	**3 668**	**181**
Assemblers	20 258	19 758	403	189	41	173	87	10
Checkers, examiners, and inspectors; manufacturing	17 669	17 225	429	235	39	155	15	-
Garage workers and gas station attendants	9 901	9 086	115	33	20	62	673	27
Laundry and drycleaning operatives, n.e.c	2 398	1 895	104	18	33	53	380	19
Meat cutters and butchers	10 623	9 854	116	56	28	32	635	18
Mine operatives, n.e.c	300	291	9	-	5	4	-	-
Packers and wrappers, except produce	11 055	10 799	229	86	35	108	27	-
Painters, manufactured articles	3 495	3 395	37	6	11	20	58	5
Precision machine operatives	18 986	18 660	192	99	15	78	134	-
Sawyers	1 012	1 012	-	-	-	-	-	-
Stationary firemen	2 950	1 957	993	71	120	802	-	-
Textile operatives	562	552	-	-	-	-	10	-
Welders and flamecutters	16 269	15 778	301	123	44	134	190	-
Other metalworking operatives	16 758	16 215	457	122	27	308	86	-
Other specified operatives	42 244	40 091	1 189	288	225	676	870	94
Miscellaneous and not specified operatives	63 532	61 295	1 726	480	299	947	503	8
Occupation:								
Machine operatives, miscellaneous specified	25 059	24 419	449	113	67	269	191	-
Machine operatives, not specified	17 160	16 602	489	179	90	220	69	-
Miscellaneous operatives	14 337	13 580	601	134	108	359	148	8
Not specified operatives	6 976	6 694	187	54	34	99	95	-
Industry:								
Manufacturing	55 222	54 011	935	285	173	477	272	4
Durable goods	33 367	32 596	620	191	137	292	151	-
Wood products, including furniture	1 404	1 358	46	25	5	16	-	-
Primary metal industries	7 613	7 415	168	38	52	78	30	-
Fabricated metal industries	5 905	5 844	42	25	11	6	19	-
Machinery, including electrical	11 949	11 735	176	45	45	86	38	-
Motor vehicles and equipment	1 048	1 021	27	-	9	18	-	-
Transportation equipment, except motor vehicles	730	699	31	11	5	15	-	-
Other durable goods	4 718	4 524	130	47	10	73	64	-
Nondurable goods	21 203	20 785	293	94	32	167	121	4
Food and kindred products	5 614	5 502	75	16	8	51	37	-
Apparel and other fabricated textile products	264	264	-	-	-	-	-	-
Paper and allied products	3 613	3 525	66	7	14	45	22	-
Chemicals and allied products	3 471	3 385	83	65	4	14	3	-
Other nondurable goods	8 241	8 109	69	6	6	57	59	4
Not specified manufacturing industries	652	630	22	-	4	18	-	-
Nonmanufacturing industries	8 310	7 284	791	195	126	470	231	4
Transportation, communications, and other public utilities	2 571	2 291	275	26	15	234	5	-
Wholesale and retail trade	2 932	2 798	57	12	23	22	77	-
All other industries	2 807	2 195	459	157	88	214	149	4
Transport equipment operatives	**107 236**	**95 662**	**8 053**	**1 322**	**823**	**5 908**	**3 477**	**44**
Bus drivers	8 241	5 560	2 606	63	156	2 387	71	4
Taxicab drivers and chauffeurs	8 115	7 368	315	62	-	253	432	-
Truck drivers and deliverymen	66 567	60 261	3 717	880	548	2 289	2 561	28
Other transport equipment operatives	24 313	22 473	1 415	317	119	979	413	12
Laborers, except farm	**106 034**	**92 772**	**11 414**	**3 152**	**935**	**7 327**	**1 699**	**149**
Construction laborers	12 951	11 055	1 871	78	350	1 443	14	11
Freight, stock, and material handlers	55 955	51 145	4 453	2 248	162	2 043	329	28
Other specified laborers	21 599	17 301	3 274	617	286	2 371	967	57
Miscellaneous and not specified laborers	15 529	13 271	1 816	209	137	1 470	389	53
Occupation:								
Miscellaneous laborers	5 424	4 386	751	66	60	625	281	6
Not specified laborers	10 105	8 885	1 065	143	77	845	108	47
Industry:								
Manufacturing	8 753	8 551	169	81	23	65	27	6
Durable goods	6 439	6 292	129	56	19	54	12	6
Wood products, including furniture	232	228	4	-	4	-	-	-
Metal industries	4 083	3 999	78	37	15	26	-	6
Machinery, including electrical	1 101	1 089	12	5	-	7	-	-
Transportation equipment	384	373	11	-	-	11	-	-
Other durable goods	639	603	24	14	-	10	12	-
Nondurable goods	2 160	2 113	36	25	4	7	11	-
Food and kindred products	926	912	8	-	4	4	6	-
Not specified manufacturing industries	154	146	4	-	-	4	4	-
Nonmanufacturing industries	6 776	4 720	1 647	128	114	1 405	362	47
Railroads and railway express service	827	765	62	10	34	18	-	-
Transportation, except railroads	533	450	74	16	3	55	9	-
Communications, and utilities and sanitary services	1 297	319	955	5	28	922	23	-
Wholesale and retail trade	1 858	1 603	24	21	-	3	231	-
All other industries	2 261	1 583	532	76	49	407	99	47
Farmers and farm managers	**4 664**	**453**	**27**	**5**	**12**	**10**	**4 181**	**3**
Farm laborers and farm foremen	**3 322**	**2 886**	**120**	**27**	**24**	**69**	**53**	**263**
Paid farm laborers and farm foremen	3 059	2 886	120	27	24	69	53	-
Unpaid family workers	263	-	-	-	-	-	-	263
Service workers, except private household[1]	**154 903**	**101 468**	**44 059**	**3 936**	**4 200**	**35 923**	**9 050**	**326**
Cleaning service workers	50 763	38 470	11 060	1 294	1 533	8 233	1 166	67
Food service workers	34 400	30 217	872	291	217	364	3 112	199
Cooks, except private household	12 976	11 511	347	149	66	132	1 043	75
Busboys and dishwashers	6 534	6 317	174	40	61	73	6	37
Health service workers	2 853	1 902	927	350	404	173	24	-
Personal service workers	14 095	8 871	1 181	263	191	727	4 034	9
Protective service workers	38 331	10 465	27 789	1 333	1 614	24 842	72	5
Firemen, fire protection	6 173	100	6 073	87	20	5 966	-	-
Guards and watchmen	12 265	9 584	2 661	470	835	1 356	15	5
Policemen and detectives	18 368	678	17 633	761	698	16 174	57	-
Private household workers	**987**	**963**	**6**	**-**	**6**	**-**	**18**	**-**

[1]Includes allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**1 097 449**	**913 375**	**152 080**	**34 538**	**21 674**	**95 868**	**26 211**	**5 783**
Professional, technical, and kindred workers	**161 772**	**90 249**	**65 873**	**4 123**	**8 021**	**53 729**	**5 366**	**284**
Accountants	7 273	6 091	915	601	138	176	222	45
Computer specialists	2 475	2 237	231	135	36	60	7	-
Librarians	3 455	1 421	2 029	31	128	1 870	-	5
Mathematical specialists	612	554	54	24	22	8	4	-
Life and physical scientists	1 425	1 080	329	112	42	175	16	-
Registered nurses, dietitians, and therapists	30 232	24 359	5 171	1 051	1 358	2 762	653	49
Dietitians	1 228	889	316	97	118	101	23	-
Registered nurses	26 900	22 224	4 052	880	999	2 173	575	49
Health technologists and technicians	6 733	5 704	992	180	391	421	27	10
Social scientists	1 001	536	411	62	125	224	54	-
Social and recreation workers	5 449	1 709	3 693	295	866	2 532	47	-
Teachers: College and university	3 626	2 030	1 596	23	998	575	-	-
Elementary and prekindergarten	42 932	12 321	30 521	307	1 664	28 550	85	5
Secondary	15 697	4 211	11 486	65	595	10 826	-	-
Other teachers	4 025	2 047	566	51	129	386	1 407	5
Engineering and science technicians	3 200	2 919	273	118	75	80	3	5
Technicians, except health, and engineering and science	553	241	312	69	32	211	-	-
Writers, artists, and entertainers	10 370	8 357	632	122	125	385	1 343	38
Actors and dancers	313	261	13	-	-	13	39	-
Authors, editors, and reporters	3 834	3 491	110	37	28	45	221	12
Other professional, technical, and kindred workers	22 714	14 432	6 662	877	1 297	4 488	1 498	122
Managers and administrators, except farm	**32 724**	**25 163**	**4 167**	**1 229**	**582**	**2 356**	**3 061**	**333**
Buyers, purchasing agents, and sales managers	5 687	5 181	309	223	24	62	168	29
Restaurant, cafeteria, and bar managers	2 254	1 324	278	5	43	230	559	93
School administrators	2 246	1 086	1 129	17	119	993	31	-
Other specified managers and administrators	8 025	5 742	1 940	893	245	802	300	43
Managers and administrators, n.e.c., salaried	12 341	11 830	511	91	151	269	-	-
Wholesale and retail trade	3 688	3 657	31	16	-	15	-	-
Managers and administrators, n.e.c., self-employed	2 171	-	-	-	-	-	2 003	168
Wholesale and retail trade	1 267	-	-	-	-	-	1 171	96
Sales workers	**80 855**	**75 238**	**663**	**236**	**117**	**310**	**3 968**	**986**
Demonstrators, hucksters, and peddlers	2 225	1 756	5	-	-	5	464	-
Insurance, real estate agents, and brokers	5 089	4 521	31	5	-	26	507	30
Sales clerks, retail trade	57 004	53 868	335	157	47	131	2 101	700
Salesmen, retail trade	2 113	1 849	-	-	-	-	177	87
Other sales workers	14 424	13 244	292	74	70	148	719	169
Clerical and kindred workers	**469 894**	**406 463**	**57 511**	**23 988**	**8 135**	**25 388**	**3 518**	**2 402**
Bank tellers	7 694	7 336	344	218	47	79	14	-
Bookkeepers	46 689	42 742	2 381	863	223	1 295	797	769
Cashiers	30 649	29 083	1 051	178	212	661	317	198
Counter clerks, except food	9 098	8 793	113	46	33	34	146	46
Enumerators and interviewers	1 136	632	457	349	44	64	47	-
File clerks	19 945	16 940	2 931	1 131	441	1 359	59	15
Office machine operators	25 223	23 250	1 920	897	246	777	46	7
Bookkeeping and billing machine operators	4 075	3 801	274	121	37	116	-	-
Keypunch operators	14 375	13 236	1 113	504	138	471	26	-
Payroll and timekeeping clerks	5 853	5 142	697	253	87	357	4	10
Receptionists	12 105	10 993	926	202	219	505	45	141
Secretaries	115 280	102 977	10 897	2 802	2 009	6 086	695	711
Stenographers	3 795	2 581	1 094	317	207	570	109	11
Telephone operators	16 795	15 772	965	259	304	402	34	24
Typists	52 871	44 090	8 311	2 727	1 684	3 900	338	132
Other clerical and kindred workers	122 761	96 132	25 424	13 746	2 379	9 299	867	338
Craftsmen and kindred workers	**20 323**	**18 839**	**814**	**261**	**125**	**428**	**520**	**150**
Foremen, n.e.c.	5 797	5 518	222	88	46	88	42	15
Operatives, except transport	**158 810**	**154 273**	**2 864**	**1 047**	**554**	**1 263**	**1 403**	**270**
Assemblers	29 654	29 102	494	202	87	205	50	8
Bottling and canning operatives	459	454	5	-	-	5	-	-
Checkers, examiners, and inspectors; manufacturing	16 204	15 978	166	85	34	47	50	10
Dressmakers and seamstresses, except factory	3 034	2 282	83	37	6	40	628	41
Laundry and drycleaning operatives, including ironers	6 106	5 705	245	32	113	100	118	38
Graders and sorters, manufacturing	528	528	-	-	-	-	-	-
Packers and wrappers, except produce	20 236	19 975	193	49	62	82	44	24
Sewers and stitchers	10 048	9 746	166	47	24	95	113	23
Textile operatives	395	373	5	-	-	5	17	-
Other specified operatives	39 145	37 938	875	306	139	430	264	68
Miscellaneous and not specified operatives	33 001	32 192	632	289	89	254	119	58
Manufacturing	30 253	29 656	467	211	64	192	84	46
Durable goods	16 139	15 817	252	106	41	105	37	33
Machinery, including electrical	8 685	8 537	125	51	21	53	12	11
Other durable goods	7 454	7 280	127	55	20	52	25	22
Nondurable goods, including not specified manufacturing	14 114	13 839	215	105	23	87	47	13
Food and kindred products	2 953	2 899	44	12	7	25	5	5
Apparel and other fabricated textile products	678	674	-	-	-	-	4	-
Nonmanufacturing industries	2 748	2 536	165	78	25	62	35	12
Transport equipment operatives	**3 624**	**2 965**	**545**	**69**	**110**	**366**	**93**	**21**
Laborers, except farm	**12 943**	**11 364**	**1 289**	**1 034**	**46**	**209**	**242**	**48**
Farmers and farm managers	**662**	**66**	**-**	**-**	**-**	**-**	**590**	**6**
Farm laborers and farm foremen	**888**	**662**	**4**	**4**	**-**	**-**	**20**	**202**
Paid farm laborers and farm foremen	686	662	4	4	-	-	20	-
Unpaid family workers	202	-	-	-	-	-	-	202
Service workers, except private household[1]	**136 907**	**110 217**	**18 327**	**2 529**	**3 984**	**11 814**	**7 289**	**1 074**
Cleaning service workers	18 088	15 688	2 209	485	406	1 318	117	74
Chambermaids and maids	4 122	3 948	141	19	24	98	8	25
Food service workers	50 795	43 710	5 009	709	999	3 301	1 437	639
Cooks, except private household	8 961	6 734	1 501	129	370	1 002	514	212
Waiters and food counter workers	31 110	29 525	835	192	148	495	427	323
Health service workers	27 150	21 854	4 813	925	1 832	2 056	348	135
Nursing aides, orderlies, and attendants	15 269	12 187	2 983	567	1 185	1 231	62	37
Practical nurses	5 716	4 272	1 147	217	333	597	286	11
Personal service workers	23 065	16 196	2 054	210	396	1 448	4 709	106
Hairdressers and cosmetologists	12 355	8 315	42	10	20	12	3 936	62
Private household workers	**18 047**	**17 876**	**23**	**18**	**-**	**5**	**141**	**7**
Private household workers, living in	2 271	2 271	-	-	-	-	-	-
Private household workers, living out	15 776	15 605	23	18	-	5	141	7

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**52 911**	**50 233**	**2 371**	**793**	**363**	**1 215**	**293**	**14**
Assemblers	3 826	3 673	143	71	9	63	10	-
Checkers, examiners, and inspectors; manufacturing	2 685	2 526	159	41	17	101	-	-
Garage workers and gas station attendants	1 538	1 439	50	29	-	21	43	6
Laundry and drycleaning operatives, n.e.c	860	773	64	11	15	38	15	8
Meat cutters and butchers	1 989	1 926	38	21	5	12	25	-
Mine operatives, n.e.c	55	50	5	-	5	-	-	-
Packers and wrappers, except produce	2 949	2 827	116	32	26	58	6	-
Painters, manufactured articles	824	815	6	-	6	-	3	-
Precision machine operatives	2 005	1 965	40	15	-	25	-	-
Sawyers	225	225	-	-	-	-	-	-
Stationary firemen	494	306	188	20	20	148	-	-
Textile operatives	187	187	-	-	-	-	-	-
Welders and flamecutters	3 319	3 212	96	53	26	17	11	-
Other metalworking operatives	3 927	3 708	206	63	6	137	13	-
Other specified operatives	12 608	12 015	486	151	92	243	107	-
Miscellaneous and not specified operatives	15 420	14 586	774	286	136	352	60	-
Occupation:								
Machine operatives, miscellaneous specified	6 026	5 811	195	59	29	107	20	-
Machine operatives, not specified	4 906	4 613	293	126	55	112	-	-
Miscellaneous operatives	3 160	2 906	229	78	42	109	25	-
Not specified operatives	1 328	1 256	57	23	10	24	15	-
Industry:								
Manufacturing	13 369	12 860	491	169	97	225	18	-
Durable goods	7 864	7 524	331	121	76	134	9	-
Wood products, including furniture	384	349	35	25	5	5	-	-
Primary metal industries	2 689	2 581	104	17	36	51	4	-
Fabricated metal industries	1 286	1 258	28	21	7	-	-	-
Machinery, including electrical	2 133	2 034	94	21	19	54	5	-
Motor vehicles and equipment	369	353	16	-	9	7	-	-
Transportation equipment, except motor vehicles	162	157	5	5	-	-	-	-
Other durable goods	841	792	49	32	-	17	-	-
Nondurable goods	5 266	5 115	142	48	17	77	9	-
Food and kindred products	1 837	1 786	51	16	8	27	-	-
Apparel and other fabricated textile products	81	81	-	-	-	-	-	-
Paper and allied products	914	873	36	7	5	24	5	-
Chemicals and allied products	842	808	34	25	4	5	-	-
Other nondurable goods	1 592	1 567	21	-	-	21	4	-
Not specified manufacturing industries	239	221	18	-	4	14	-	-
Nonmanufacturing industries	2 051	1 726	283	117	39	127	42	-
Transportation, communications, and other public utilities	484	395	84	15	12	57	5	-
Wholesale and retail trade	858	802	41	8	17	16	15	-
All other industries	709	529	158	94	10	54	22	-
Transport equipment operatives	**24 283**	**20 362**	**3 471**	**827**	**251**	**2 393**	**450**	-
Bus drivers	4 306	2 726	1 564	39	114	1 411	16	-
Taxicab drivers and chauffeurs	2 874	2 712	69	16	-	53	93	-
Truck drivers and deliverymen	9 363	8 006	1 116	594	79	443	241	-
Other transport equipment operatives	7 740	6 918	722	178	58	486	100	-
Laborers, except farm	**25 132**	**20 716**	**4 116**	**2 145**	**267**	**1 704**	**278**	**22**
Construction laborers	3 452	3 154	292	38	81	173	6	-
Freight, stock, and material handlers	10 594	8 194	2 328	1 631	62	635	67	5
Other specified laborers	6 431	5 269	995	380	84	531	158	9
Miscellaneous and not specified laborers	4 655	4 099	501	96	40	365	47	8
Occupation:								
Miscellaneous laborers	1 555	1 301	226	36	20	170	28	-
Not specified laborers	3 100	2 798	275	60	20	195	19	8
Industry:								
Manufacturing	2 910	2 842	68	38	6	24	-	-
Durable goods	2 148	2 093	55	29	6	20	-	-
Wood products, including furniture	64	64	-	-	-	-	-	-
Metal industries	1 579	1 524	55	29	6	20	-	-
Machinery, including electrical	249	249	-	-	-	-	-	-
Transportation equipment	115	115	-	-	-	-	-	-
Other durable goods	141	141	-	-	-	-	-	-
Nondurable goods	671	658	13	9	-	4	-	-
Food and kindred products	362	358	4	-	-	4	-	-
Not specified manufacturing industries	91	91	-	-	-	-	-	-
Nonmanufacturing industries	1 745	1 257	433	58	34	341	47	8
Railroads and railway express service	280	245	35	10	18	7	-	-
Transportation, except railroads	173	142	31	16	-	15	-	-
Communications, and utilities and sanitary services	351	105	240	-	6	234	6	-
Wholesale and retail trade	459	413	5	5	-	-	41	-
All other industries	482	352	122	27	10	85	-	8
Farmers and farm managers	**241**	**50**	**5**	**5**	-	-	**186**	-
Farm laborers and farm foremen	**467**	**386**	**27**	**5**	**6**	**16**	**15**	**39**
Paid farm laborers and farm foremen	428	386	27	5	6	16	15	-
Unpaid family workers	39	-	-	-	-	-	-	39
Service workers, except private household[1]	**36 099**	**25 275**	**9 757**	**1 971**	**1 398**	**6 388**	**996**	**71**
Cleaning service workers	14 775	10 786	3 740	752	622	2 366	229	20
Food service workers	6 102	5 512	419	183	93	143	132	39
Cooks, except private household	2 788	2 531	197	90	45	62	45	15
Busboys and dishwashers	953	910	43	21	10	12	-	-
Health service workers	1 022	489	533	239	201	93	-	-
Personal service workers	2 910	1 945	530	206	70	254	426	9
Protective service workers	5 657	2 116	3 541	267	234	3 040	-	-
Firemen, fire protection	226	25	201	5	-	196	-	-
Guards and watchmen	2 710	1 862	848	217	111	520	-	-
Policemen and detectives	2 545	205	2 340	45	106	2 189	-	-
Private household workers	**643**	**630**	**6**	-	**6**	-	**7**	-

[1]Includes allocated cases not shown separately.

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Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Negro								
Male, 16 years old and over	**231 694**	**183 595**	**41 109**	**18 031**	**4 118**	**18 960**	**6 778**	**212**
Professional, technical, and kindred workers	**14 818**	**8 216**	**5 535**	**950**	**811**	**3 774**	**1 067**	**-**
Accountants	764	580	144	92	43	9	40	-
Architects	37	24	10	-	5	5	3	-
Computer specialists	380	313	67	33	8	26	-	-
Engineers	890	669	216	78	34	104	5	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-
Civil	155	50	100	5	12	83	5	-
Electrical and electronic	256	217	39	22	6	11	-	-
Mechanical	120	106	14	10	-	4	-	-
Other engineers	359	296	63	41	16	6	-	-
Lawyers and judges	300	80	88	19	12	57	132	-
Life and physical scientists	377	292	79	54	-	25	6	-
Chemists	324	260	58	49	-	9	6	-
Physicians, dentists, and related practitioners	821	404	63	24	16	23	354	-
Dentists	142	13	-	-	-	-	129	-
Pharmacists	275	213	12	12	-	-	50	-
Physicians, medical and osteopathic	348	171	46	12	11	23	131	-
Other related practitioners	56	7	5	-	5	-	44	-
Health technologists and technicians	528	281	242	118	25	99	5	-
Religious workers	505	385	-	-	-	-	120	-
Social scientists	114	79	31	5	14	12	4	-
Social and recreation workers	893	293	600	45	116	439	-	-
Teachers	3 023	612	2 397	54	250	2 093	14	-
College and university	259	111	148	-	56	92	-	-
Elementary and prekindergarten	1 342	173	1 169	17	96	1 056	-	-
Secondary	1 239	200	1 039	32	77	930	-	-
Engineering and science technicians	1 264	1 068	190	96	26	68	6	-
Draftsmen and surveyors	581	505	70	41	15	14	6	-
Electrical and electronic engineering technicians	166	143	23	19	-	4	-	-
Technicians, except health, and engineering and science	175	71	101	55	24	22	3	-
Airplane pilots	6	6	-	-	-	-	-	-
Writers, artists, and entertainers	1 209	906	94	5	13	76	209	-
Other professional, technical, and kindred workers	3 538	2 159	1 213	272	225	716	166	-
Managers and administrators, except farm	**7 515**	**4 694**	**1 657**	**589**	**223**	**845**	**1 150**	**14**
Buyers, purchasing agents, and sales managers	694	619	54	26	12	16	17	4
School administrators	284	40	244	-	21	223	-	-
Specified managers and administrators, public administration	875	-	875	510	137	228	-	-
Other specified managers and administrators	1 867	1 332	217	27	11	179	313	5
Managers and administrators, n.e.c., salaried	2 970	2 703	267	26	42	199	-	-
Manufacturing	497	491	6	6	-	-	-	-
Wholesale and retail trade	1 182	1 168	14	4	-	10	-	-
Transportation, communications and other public utilities	261	209	52	-	6	46	-	-
All other industries	1 030	835	195	16	36	143	-	-
Managers and administrators, n.e.c., self-employed	825	-	-	-	-	-	820	5
Construction	75	-	-	-	-	-	75	-
Manufacturing	27	-	-	-	-	-	27	-
Wholesale and retail trade	515	-	-	-	-	-	510	5
All other industries	208	-	-	-	-	-	208	-
Sales workers	**7 224**	**6 535**	**148**	**27**	**15**	**106**	**520**	**21**
Insurance agents, brokers, and underwriters	1 015	922	36	14	5	17	57	-
Real estate agents and brokers	266	176	-	-	-	-	90	-
Sales representatives, manufacturing industries	561	525	14	-	-	14	22	-
Sales representatives, wholesale trade	619	555	12	-	-	12	46	6
Sales clerks, retail trade	2 544	2 308	53	-	10	43	168	15
Salesmen, retail trade	767	744	-	-	-	-	23	-
Salesmen of services and construction	163	152	7	7	-	-	4	-
Other sales workers	1 289	1 153	26	6	-	20	110	-
Clerical and kindred workers	**25 887**	**14 818**	**10 976**	**9 326**	**425**	**1 225**	**81**	**12**
Bank tellers and cashiers	687	608	69	16	13	40	10	-
Bookkeepers and billing clerks	904	739	150	34	30	86	10	5
Mail handlers and postal clerks	7 965	520	7 439	7 402	18	19	6	-
Other clerical and kindred workers	16 331	12 951	3 318	1 874	364	1 080	55	7
Craftsmen and kindred workers	**36 474**	**31 680**	**3 040**	**1 393**	**353**	**1 294**	**1 735**	**19**
Apparel craftsmen and upholsterers	513	461	-	-	-	-	52	-
Bakers	766	734	26	11	-	15	6	-
Cabinetmakers	160	143	7	7	-	-	10	-
Construction craftsmen	6 224	4 899	623	188	76	359	702	-
Carpenters	932	730	63	11	17	35	139	-
Excavating, grading, and road machine operators	416	338	71	34	13	24	7	-
Electricians	1 113	899	154	39	13	102	60	-
Masons and tile setters	770	694	67	13	6	48	9	-
Painters, construction and maintenance, and paperhangers	1 500	968	132	40	12	80	400	-
Plasterers and cement finishers	469	405	10	-	6	4	54	-
Plumbers and pipe fitters	639	515	91	46	9	36	33	-
Other construction craftsmen	385	350	35	5	-	30	-	-
Foremen, n.e.c.	4 129	3 682	426	220	68	138	21	-
Manufacturing	2 636	2 546	79	55	15	9	11	-
Nonmanufacturing industries	1 493	1 136	347	165	53	129	10	-
Linemen and servicemen, telephone and power	1 171	1 087	84	19	41	24	-	-
Locomotive engineers and firemen	147	96	51	18	-	33	-	-
Mechanics and repairmen	8 775	7 398	919	575	51	293	442	16
Air conditioning, heating, and refrigeration	219	155	39	39	-	-	25	-
Aircraft	55	42	13	13	-	-	-	-
Automobile, including body	4 108	3 509	350	195	6	149	249	-
Radio and television	728	532	67	38	13	16	129	-
Other mechanics and repairmen	3 665	3 160	450	290	32	128	39	16
Metal craftsmen, except mechanics	3 762	3 632	124	47	16	61	6	-
Machinists and job and die setters	1 776	1 722	54	19	4	31	-	-
Sheetmetal workers and tinsmiths	130	130	-	-	-	-	-	-
Tool and die makers	330	330	-	-	-	-	-	-
Other metal craftsmen	1 526	1 450	70	28	12	30	6	-
Printing craftsmen	1 714	1 585	119	60	21	38	10	-
Compositors and typesetters	664	633	27	9	5	13	4	-
Pressmen and plate printers, printing	788	705	83	42	16	25	-	-
Stationary engineers and power station operators	545	427	118	23	9	86	-	-
Other craftsmen and kindred workers	8 568	7 536	543	225	71	247	486	3

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Negro—Continued								
Female, 16 years old and over	**178 321**	**129 165**	**45 783**	**17 276**	**7 115**	**21 392**	**3 036**	**337**
Professional, technical, and kindred workers	**19 691**	**7 364**	**12 032**	**1 256**	**1 810**	**8 966**	**282**	**13**
Accountants	603	297	306	208	32	66	–	–
Computer specialists	147	131	16	5	–	11	–	–
Librarians	228	70	158	6	16	136	–	–
Mathematical specialists	50	37	13	5	–	8	–	–
Life and physical scientists	124	56	68	12	6	50	–	–
Registered nurses, dietitians, and therapists	3 777	2 431	1 206	244	373	589	133	7
Dietitians	427	221	201	58	88	55	5	–
Registered nurses	3 133	2 068	930	170	264	496	128	7
Health technologists and technicians	1 083	753	325	44	110	171	5	–
Social scientists	127	46	81	10	32	39	–	–
Social and recreation workers	1 604	246	1 358	167	284	907	–	–
Teachers: College and university	330	127	203	7	97	99	–	–
Elementary and prekindergarten	5 780	918	4 845	171	370	4 304	17	–
Secondary	1 419	145	1 274	9	117	1 148	–	–
Other teachers	349	182	148	10	43	95	19	–
Engineering and science technicians	256	207	49	19	4	26	–	–
Technicians, except health, and engineering and science	73	39	34	7	4	23	–	–
Writers, artists, and entertainers	544	367	124	22	22	80	53	–
Actors and dancers	19	10	9	–	–	9	–	–
Authors, editors, and reporters	151	146	5	5	–	–	–	–
Other professional, technical, and kindred workers	3 197	1 312	1 824	310	300	1 214	55	6
Managers and administrators, except farm	**2 960**	**1 713**	**954**	**294**	**150**	**510**	**270**	**23**
Buyers, purchasing agents, and sales managers	305	243	62	62	–	–	–	–
Restaurant, cafeteria, and bar managers	188	97	42	–	–	42	43	6
School administrators	315	66	241	–	22	219	8	–
Other specified managers and administrators	1 085	582	478	211	84	183	17	8
Managers and administrators, n.e.c., salaried	856	725	131	21	44	66	–	–
Wholesale and retail trade	225	210	15	11	–	4	–	–
Managers and administrators, n.e.c., self-employed	211	–	–	–	–	–	202	9
Wholesale and retail trade	118	–	–	–	–	–	109	9
Sales workers	**6 023**	**5 461**	**164**	**65**	**27**	**72**	**332**	**66**
Demonstrators, hucksters, and peddlers	111	105	–	–	–	–	6	–
Insurance, real estate agents, and brokers	308	245	14	–	–	14	49	–
Sales clerks, retail trade	4 030	3 763	72	31	5	36	149	46
Salesmen, retail trade	186	154	–	–	–	–	28	4
Other sales workers	1 388	1 194	78	34	22	22	100	16
Clerical and kindred workers	**61 810**	**40 080**	**21 377**	**12 097**	**2 598**	**6 682**	**280**	**73**
Bank tellers	622	534	88	49	4	35	–	–
Bookkeepers	2 757	2 197	518	240	63	215	23	19
Cashiers	4 006	3 632	297	64	63	170	59	18
Counter clerks, except food	1 405	1 327	44	15	12	17	28	6
Enumerators and interviewers	254	47	207	153	12	42	–	–
File clerks	4 207	2 815	1 392	662	197	533	–	–
Office machine operators	4 424	3 658	766	365	108	293	–	–
Bookkeeping and billing machine operators	458	407	51	23	6	22	–	–
Keypunch operators	2 936	2 437	499	210	72	217	–	–
Payroll and timekeeping clerks	713	495	218	93	10	115	–	–
Receptionists	1 143	796	347	78	83	186	–	–
Secretaries	6 055	4 519	1 500	527	318	655	31	5
Stenographers	310	117	180	64	42	74	8	5
Telephone operators	2 576	2 228	348	76	137	135	–	–
Typists	7 329	4 527	2 770	1 055	556	1 159	26	6
Other clerical and kindred workers	26 009	13 188	12 702	8 656	993	3 053	105	14
Craftsmen and kindred workers	**3 820**	**3 485**	**289**	**145**	**33**	**111**	**42**	**4**
Foremen, n.e.c.	674	593	71	23	16	32	6	4
Operatives, except transport	**35 221**	**33 563**	**1 429**	**534**	**253**	**642**	**200**	**29**
Assemblers	4 300	4 133	161	77	41	43	6	–
Bottling and canning operatives	96	96	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	2 655	2 591	59	28	14	17	–	5
Dressmakers and seamstresses, except factory	446	334	54	32	–	22	54	4
Laundry and drycleaning operatives, including ironers	3 513	3 374	121	21	47	53	14	4
Graders and sorters, manufacturing	187	187	–	–	–	–	–	–
Packers and wrappers, except produce	4 246	4 107	121	35	30	56	18	–
Sewers and stitchers	2 483	2 359	108	20	24	64	16	–
Textile operatives	70	70	–	–	–	–	–	–
Other specified operatives	9 334	8 796	463	161	73	229	65	10
Miscellaneous and not specified operatives	7 891	7 516	342	160	24	158	27	6
Manufacturing	6 929	6 652	254	104	19	131	23	–
Durable goods	3 124	3 008	109	44	5	60	7	–
Machinery, including electrical	1 550	1 503	40	11	–	29	7	–
Other durable goods	1 574	1 505	69	33	5	31	–	–
Nondurable goods, including not specified manufacturing	3 805	3 644	145	60	14	71	16	–
Food and kindred products	961	917	44	12	7	25	–	–
Apparel and other fabricated textile products	248	244	–	–	–	–	4	–
Nonmanufacturing industries	962	864	88	56	5	27	4	6
Transport equipment operatives	**507**	**392**	**101**	**38**	**11**	**52**	**14**	**–**
Laborers, except farm	**4 184**	**3 082**	**1 077**	**931**	**32**	**114**	**20**	**5**
Farmers and farm managers	**201**	**27**	**–**	**–**	**–**	**–**	**174**	**–**
Farm laborers and farm foremen	**347**	**314**	**–**	**–**	**–**	**–**	**3**	**30**
Paid farm laborers and farm foremen	317	314	–	–	–	–	3	–
Unpaid family workers	30	–	–	–	–	–	–	30
Service workers, except private household[1]	**33 699**	**23 897**	**8 337**	**1 898**	**2 201**	**4 238**	**1 378**	**87**
Cleaning service workers	6 769	5 546	1 205	392	228	585	14	4
Chambermaids and maids	2 454	2 375	75	19	5	51	4	–
Food service workers	7 309	5 377	1 742	456	406	880	165	25
Cooks, except private household	2 373	1 824	456	74	167	215	89	4
Waiters and food counter workers	2 446	2 097	275	108	55	112	58	16
Health service workers	10 045	6 705	3 216	763	1 132	1 321	118	6
Nursing aides, orderlies, and attendants	6 365	4 330	2 015	522	711	782	14	6
Practical nurses	2 690	1 730	856	169	262	425	104	–
Personal service workers	3 901	2 229	775	129	231	415	891	6
Hairdressers and cosmetologists	1 685	931	21	10	5	6	733	–
Private household workers	**9 858**	**9 787**	**23**	**18**	**–**	**5**	**41**	**7**
Private household workers, living in	822	822	–	–	–	–	–	–
Private household workers, living out	9 036	8 965	23	18	–	5	41	7

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Persons of Spanish Language								
Male, 16 years old and over	76 979	70 864	3 951	1 309	644	1 998	2 131	33
Professional, technical, and kindred workers	5 488	4 066	860	205	189	466	555	7
Accountants	418	369	36	29	–	7	13	–
Architects	50	50	–	–	–	–	–	–
Computer specialists	159	152	7	7	–	–	–	–
Engineers	679	602	51	14	14	23	26	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–
Civil	151	137	14	–	14	–	–	–
Electrical and electronic	177	167	10	–	–	10	–	–
Mechanical	73	67	–	–	–	–	6	–
Other engineers	278	231	27	14	–	13	20	–
Lawyers and judges	113	39	21	14	7	–	53	–
Life and physical scientists	137	117	20	14	6	–	–	–
Chemists	114	100	14	8	6	–	–	–
Physicians, dentists, and related practitioners	844	389	135	45	60	30	320	–
Dentists	15	–	–	–	–	–	15	–
Pharmacists	35	29	–	–	–	–	6	–
Physicians, medical and osteopathic	774	347	135	45	60	30	292	–
Other related practitioners	20	13	–	–	–	–	7	–
Health technologists and technicians	178	145	33	–	6	27	–	–
Religious workers	59	59	–	–	–	–	–	–
Social scientists	48	41	–	–	–	–	7	–
Social and recreation workers	145	57	88	9	6	73	–	–
Teachers	543	277	262	–	54	208	4	–
College and university	128	86	42	–	36	6	–	–
Elementary and prekindergarten	121	30	91	–	11	80	–	–
Secondary	228	99	129	–	7	122	–	–
Engineering and science technicians	850	776	66	20	12	34	8	–
Draftsmen and surveyors	479	431	40	8	12	20	8	–
Electrical and electronic engineering technicians	166	166	–	–	–	–	–	–
Technicians, except health, and engineering and science	76	54	22	22	–	–	–	–
Airplane pilots	36	36	–	–	–	–	–	–
Writers, artists, and entertainers	442	339	12	–	–	12	91	–
Other professional, technical, and kindred workers	747	600	107	31	24	52	33	7
Managers and administrators, except farm	2 582	2 051	172	101	23	48	359	–
Buyers, purchasing agents, and sales managers	423	410	–	–	–	–	13	–
School administrators	34	16	18	–	–	18	–	–
Specified managers and administrators, public administration	106	–	106	80	8	18	–	–
Other specified managers and administrators	482	390	19	12	7	–	73	–
Managers and administrators, n.e.c., salaried	1 264	1 235	29	9	8	12	–	–
Manufacturing	437	437	–	–	–	–	–	–
Wholesale and retail trade	395	389	6	–	–	6	–	–
Transportation, communications and other public utilities	100	100	–	–	–	–	–	–
All other industries	332	309	23	9	8	6	–	–
Managers and administrators, n.e.c., self-employed	273	–	–	–	–	–	273	–
Construction	–	–	–	–	–	–	–	–
Manufacturing	4	–	–	–	–	–	4	–
Wholesale and retail trade	214	–	–	–	–	–	214	–
All other industries	55	–	–	–	–	–	55	–
Sales workers	2 357	2 049	22	9	7	6	281	5
Insurance agents, brokers, and underwriters	309	276	6	–	–	6	27	–
Real estate agents and brokers	36	28	–	–	–	–	8	–
Sales representatives, manufacturing industries	227	227	–	–	–	–	–	–
Sales representatives, wholesale trade	336	308	–	–	–	–	28	–
Sales clerks, retail trade	794	643	–	–	–	–	146	5
Salesmen, retail trade	191	164	–	–	–	–	27	–
Salesmen of services and construction	94	85	9	9	–	–	–	–
Other sales workers	370	318	7	–	7	–	45	–
Clerical and kindred workers	6 341	5 621	650	476	40	134	65	5
Bank tellers and cashiers	305	284	7	7	–	–	9	5
Bookkeepers and billing clerks	429	357	52	27	–	25	20	–
Mail handlers and postal clerks	451	160	291	291	–	–	–	–
Other clerical and kindred workers	5 156	4 820	300	151	40	109	36	–
Craftsmen and kindred workers	14 294	13 684	230	72	34	124	380	–
Apparel craftsmen and upholsterers	255	229	–	–	–	–	26	–
Bakers	473	473	–	–	–	–	–	–
Cabinetmakers	83	83	–	–	–	–	–	–
Construction craftsmen	2 249	2 034	48	6	13	29	167	–
Carpenters	495	443	–	–	–	–	52	–
Excavating, grading, and road machine operators	175	170	5	–	–	5	–	–
Electricians	452	421	24	–	–	24	7	–
Masons and tile setters	162	150	–	–	–	–	12	–
Painters, construction and maintenance, and paperhangers	476	405	–	–	–	–	71	–
Plasterers and cement finishers	90	71	13	–	13	–	6	–
Plumbers and pipe fitters	199	180	6	6	–	–	13	–
Other construction craftsmen	200	194	–	–	–	–	6	–
Foremen, n.e.c.	1 927	1 868	51	24	7	20	8	–
Manufacturing	1 329	1 308	21	8	7	6	–	–
Nonmanufacturing industries	598	560	30	16	–	14	8	–
Linemen and servicemen, telephone and power	328	320	8	–	8	–	–	–
Locomotive engineers and firemen	62	62	–	–	–	–	–	–
Mechanics and repairmen	3 339	3 200	71	19	–	52	68	–
Air conditioning, heating, and refrigeration	51	51	–	–	–	–	–	–
Aircraft	37	37	–	–	–	–	–	–
Automobile, including body	1 121	1 054	19	6	–	13	48	–
Radio and television	291	279	7	–	–	7	5	–
Other mechanics and repairmen	1 839	1 779	45	13	–	32	15	–
Metal craftsmen, except mechanics	2 372	2 357	15	15	–	–	–	–
Machinists and job and die setters	1 307	1 292	15	15	–	–	–	–
Sheetmetal workers and tinsmiths	110	110	–	–	–	–	–	–
Tool and die makers	352	352	–	–	–	–	–	–
Other metal craftsmen	603	603	–	–	–	–	–	–
Printing craftsmen	845	825	13	–	6	7	7	–
Compositors and typesetters	300	293	–	–	–	–	7	–
Pressmen and plate printers, printing	374	361	13	–	6	7	–	–
Stationary engineers and power station operators	97	97	–	–	–	–	–	–
Other craftsmen and kindred workers	2 264	2 136	24	8	–	16	104	–

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Persons of Spanish Language—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**26 569**	**25 905**	**555**	**130**	**126**	**299**	**102**	**7**
Assemblers	3 321	3 254	58	21	22	15	9	-
Checkers, examiners, and inspectors; manufacturing	1 328	1 322	6	6	-	-	-	-
Garage workers and gas station attendants	335	318	9	-	-	9	8	-
Laundry and drycleaning operatives, n.e.c	98	90	-	-	-	-	8	-
Meat cutters and butchers	802	776	6	6	-	-	20	-
Mine operatives, n.e.c	26	26	-	-	-	-	-	-
Packers and wrappers, except produce	1 978	1 952	26	-	8	18	-	-
Painters, manufactured articles	592	579	6	-	-	6	7	-
Precision machine operatives	1 531	1 515	16	-	-	16	-	-
Sawyers	185	185	-	-	-	-	-	-
Stationary firemen	73	47	26	21	-	5	-	-
Textile operatives	79	79	-	-	-	-	-	-
Welders and flamecutters	2 015	1 945	70	30	7	33	-	-
Other metalworking operatives	2 964	2 870	94	12	5	77	-	-
Other specified operatives	3 124	3 035	71	-	14	57	11	7
Miscellaneous and not specified operatives	8 118	7 912	167	34	70	63	39	-
Occupation:								
Machine operatives, miscellaneous specified	3 010	2 954	50	-	22	28	6	-
Machine operatives, not specified	2 925	2 849	63	7	26	30	13	-
Miscellaneous operatives	1 305	1 276	23	7	16	-	6	-
Not specified operatives	878	833	31	20	6	5	14	-
Industry:								
Manufacturing	7 447	7 277	137	27	60	50	33	-
Durable goods	4 517	4 402	95	27	42	26	20	-
Wood products, including furniture	268	246	22	16	-	6	-	-
Primary metal industries	956	944	12	4	8	-	-	-
Fabricated metal industries	938	932	6	-	6	-	-	-
Machinery, including electrical	1 509	1 461	34	7	22	5	14	-
Motor vehicles and equipment	96	96	-	-	-	-	-	-
Transportation equipment, except motor vehicles	135	121	14	-	6	8	-	-
Other durable goods	615	602	7	-	-	7	6	-
Nondurable goods	2 836	2 781	42	-	18	24	13	-
Food and kindred products	888	872	16	-	-	16	-	-
Apparel and other fabricated textile products	36	36	-	-	-	-	-	-
Paper and allied products	713	687	19	-	11	8	7	-
Chemicals and allied products	348	342	-	-	-	-	6	-
Other nondurable goods	851	844	7	-	7	-	-	-
Not specified manufacturing industries	94	94	-	-	-	-	-	-
Nonmanufacturing industries	671	635	30	7	10	13	6	-
Transportation, communications, and other public utilities	217	217	-	-	-	-	-	-
Wholesale and retail trade	260	260	-	-	-	-	-	-
All other industries	194	158	30	7	10	13	6	-
Transport equipment operatives	**3 966**	**3 661**	**233**	**39**	**30**	**164**	**72**	**-**
Bus drivers	211	129	82	-	7	75	-	-
Taxicab drivers and chauffeurs	454	440	14	-	-	14	-	-
Truck drivers and deliverymen	2 123	1 962	89	15	17	57	72	-
Other transport equipment operatives	1 178	1 130	48	24	6	18	-	-
Laborers, except farm	**7 639**	**7 141**	**443**	**113**	**104**	**226**	**46**	**9**
Construction laborers	766	718	48	-	24	24	-	-
Freight, stock, and material handlers	3 368	3 198	170	94	38	38	-	-
Other specified laborers	1 441	1 285	110	12	6	92	46	-
Miscellaneous and not specified laborers	2 064	1 940	115	7	36	72	-	9
Occupation:								
Miscellaneous laborers	786	723	63	7	31	25	-	-
Not specified laborers	1 278	1 217	52	-	5	47	-	9
Industry:								
Manufacturing	1 462	1 424	38	-	17	21	-	-
Durable goods	1 156	1 123	33	-	12	21	-	-
Wood products, including furniture	45	45	-	-	-	-	-	-
Metal industries	722	710	12	-	12	-	-	-
Machinery, including electrical	176	176	-	-	-	-	-	-
Transportation equipment	76	63	13	-	-	13	-	-
Other durable goods	137	129	8	-	-	8	-	-
Nondurable goods	292	287	5	-	5	-	-	-
Food and kindred products	128	123	5	-	5	-	-	-
Not specified manufacturing industries	14	14	-	-	-	-	-	-
Nonmanufacturing industries	602	516	77	7	19	51	-	9
Railroads and railway express service	277	265	12	-	12	-	-	-
Transportation, except railroads	8	8	-	-	-	-	-	-
Communications, and utilities and sanitary services	38	-	38	-	7	31	-	-
Wholesale and retail trade	134	127	7	7	-	-	-	-
All other industries	145	116	20	-	-	20	-	9
Farmers and farm managers	**47**	**16**	**-**	**-**	**-**	**-**	**31**	**-**
Farm laborers and farm foremen	**444**	**427**	**7**	**7**	**-**	**-**	**10**	**-**
Paid farm laborers and farm foremen	444	427	7	7	-	-	10	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**7 227**	**6 218**	**779**	**157**	**91**	**531**	**230**	**-**
Cleaning service workers	2 640	2 408	201	26	50	125	31	-
Food service workers	2 928	2 789	83	56	7	20	56	-
Cooks, except private household	941	889	28	15	-	13	24	-
Busboys and dishwashers	839	813	26	26	-	-	-	-
Health service workers	116	88	28	13	-	15	-	-
Personal service workers	579	422	32	6	-	26	125	-
Protective service workers	533	156	371	56	34	281	6	-
Firemen, fire protection	29	-	29	-	-	29	-	-
Guards and watchmen	186	149	31	6	14	11	6	-
Policemen and detectives	284	-	284	50	20	214	-	-
Private household workers	**25**	**25**	**-**	**-**	**-**	**-**	**-**	**-**

[1]Includes allocated cases not shown separately.

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
CHICAGO SMSA—Continued								
Persons of Spanish Language—Continued								
Female, 16 years old and over	**38 343**	**34 880**	**2 797**	**799**	**573**	**1 425**	**610**	**56**
Professional, technical, and kindred workers	**2 830**	**1 883**	**849**	**100**	**203**	**546**	**92**	**6**
Accountants	154	154	–	–	–	–	–	–
Computer specialists	49	29	14	7	–	7	6	–
Librarians	56	34	22	–	–	22	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	49	49	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	686	564	93	42	30	21	29	–
Dietitians	94	79	7	7	–	–	8	–
Registered nurses	574	472	81	35	25	21	21	–
Health technologists and technicians	229	189	40	15	10	15	–	–
Social scientists	–	–	–	–	–	–	–	–
Social and recreation workers	189	34	148	11	54	83	7	–
Teachers: College and university	85	65	20	–	5	15	–	–
Elementary and prekindergarten	471	153	318	15	51	252	–	–
Secondary	136	35	101	–	7	94	–	–
Other teachers	57	43	–	–	–	–	14	–
Engineering and science technicians	156	142	8	–	8	–	–	6
Technicians, except health, and engineering and science	14	8	6	6	–	–	–	–
Writers, artists, and entertainers	142	123	15	–	–	15	4	–
Actors and dancers	33	33	–	–	–	–	–	–
Authors, editors, and reporters	15	15	–	–	–	–	–	–
Other professional, technical, and kindred workers	357	261	64	4	38	22	32	–
Managers and administrators, except farm	**455**	**353**	**47**	**6**	**30**	**11**	**50**	**5**
Buyers, purchasing agents, and sales managers	57	57	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	28	16	–	–	–	–	12	–
School administrators	30	19	11	–	–	11	–	–
Other specified managers and administrators	67	56	11	6	5	–	–	–
Managers and administrators, n.e.c., salaried	230	205	25	–	25	–	–	–
Wholesale and retail trade	94	94	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	43	–	–	–	–	–	38	5
Wholesale and retail trade	27	–	–	–	–	–	22	5
Sales workers	**1 606**	**1 471**	**33**	**7**	**5**	**21**	**81**	**21**
Demonstrators, hucksters, and peddlers	44	38	–	–	–	–	6	–
Insurance, real estate agents, and brokers	96	96	–	–	–	–	–	–
Sales clerks, retail trade	1 117	1 015	27	7	5	15	61	14
Salesmen, retail trade	33	26	–	–	–	–	–	7
Other sales workers	316	296	6	–	–	6	14	–
Clerical and kindred workers	**11 086**	**9 891**	**1 109**	**506**	**190**	**413**	**79**	**7**
Bank tellers	264	238	26	14	–	12	–	–
Bookkeepers	803	776	20	8	6	6	–	7
Cashiers	778	743	12	6	–	6	23	–
Counter clerks, except food	248	248	–	–	–	–	–	–
Enumerators and interviewers	27	13	14	7	–	7	–	–
File clerks	758	685	73	33	8	32	–	–
Office machine operators	925	864	53	33	20	–	8	–
Bookkeeping and billing machine operators	160	154	6	–	6	–	–	–
Keypunch operators	637	600	29	15	14	–	8	–
Payroll and timekeeping clerks	84	84	–	–	–	–	–	–
Receptionists	198	171	27	6	–	21	–	–
Secretaries	2 259	2 043	202	97	41	64	14	–
Stenographers	68	48	15	–	–	15	5	–
Telephone operators	251	228	23	12	11	–	–	–
Typists	1 462	1 252	210	104	30	76	–	–
Other clerical and kindred workers	2 961	2 498	434	186	74	174	29	–
Craftsmen and kindred workers	**1 070**	**1 048**	**22**	**9**	**13**	**–**	**–**	**–**
Foremen, n.e.c.	188	172	16	9	7	–	–	–
Operatives, except transport	**16 139**	**15 679**	**394**	**68**	**71**	**255**	**58**	**8**
Assemblers	3 913	3 796	117	6	15	96	–	–
Bottling and canning operatives	14	14	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 049	1 024	18	4	–	14	7	–
Dressmakers and seamstresses, except factory	114	91	16	–	–	16	7	–
Laundry and drycleaning operatives, including ironers	348	309	32	11	7	14	7	–
Graders and sorters, manufacturing	53	53	–	–	–	–	–	–
Packers and wrappers, except produce	2 211	2 143	56	11	25	20	4	8
Sewers and stitchers	1 316	1 303	13	–	5	8	–	–
Textile operatives	47	40	7	–	–	7	–	–
Other specified operatives	3 735	3 651	66	11	–	55	18	–
Miscellaneous and not specified operatives	3 339	3 255	69	25	19	25	15	–
Manufacturing	3 225	3 148	69	25	19	25	8	–
Durable goods	1 933	1 870	63	19	19	25	–	–
Machinery, including electrical	953	926	27	13	5	9	–	–
Other durable goods	980	944	36	6	14	16	–	–
Nondurable goods, including not specified manufacturing	1 292	1 278	6	6	–	–	8	–
Food and kindred products	179	179	–	–	–	–	–	–
Apparel and other fabricated textile products	145	145	–	–	–	–	–	–
Nonmanufacturing industries	114	107	–	–	–	–	7	–
Transport equipment operatives	**84**	**84**	**–**	**–**	**–**	**–**	**–**	**–**
Laborers, except farm	**794**	**752**	**35**	**23**	**6**	**6**	**7**	**–**
Farmers and farm managers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Farm laborers and farm foremen	**30**	**24**	**–**	**–**	**–**	**–**	**6**	**–**
Paid farm laborers and farm foremen	30	24	–	–	–	–	6	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**3 817**	**3 263**	**308**	**80**	**55**	**173**	**237**	**9**
Cleaning service workers	708	654	54	14	6	34	–	–
Chambermaids and maids	102	102	–	–	–	–	–	–
Food service workers	1 282	1 171	62	25	12	25	40	9
Cooks, except private household	184	170	14	6	–	8	–	–
Waiters and food counter workers	717	679	27	13	7	7	11	–
Health service workers	745	667	69	24	25	20	9	–
Nursing aides, orderlies, and attendants	402	377	25	17	5	3	–	–
Practical nurses	171	143	19	–	12	7	9	–
Personal service workers	657	431	62	14	12	36	164	–
Hairdressers and cosmetologists	399	264	–	–	–	–	135	–
Private household workers	**432**	**432**	**–**	**–**	**–**	**–**	**–**	**–**
Private household workers, living in	154	154	–	–	–	–	–	–
Private household workers, living out	278	278	–	–	–	–	–	–

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA								
Total								
Male, 16 years old and over	**89 539**	**69 042**	**11 306**	**6 096**	**978**	**4 232**	**8 863**	**328**
Professional, technical, and kindred workers	**11 592**	**7 138**	**3 347**	**1 553**	**345**	**1 449**	**1 107**	**-**
Accountants	954	706	142	123	6	13	106	-
Architects	47	27	-	-	-	-	20	-
Computer specialists	321	233	88	88	-	-	-	-
Engineers	2 737	1 947	758	715	16	27	32	-
Aeronautical and astronautical	4	-	4	4	-	-	-	-
Civil	279	134	139	118	5	16	6	-
Electrical and electronic	314	228	80	74	-	6	6	-
Mechanical	619	336	283	283	-	-	-	-
Other engineers	1 521	1 249	252	236	11	5	20	-
Lawyers and judges	349	71	46	6	14	26	232	-
Life and physical scientists	189	123	66	66	-	-	-	-
Chemists	164	113	51	51	-	-	-	-
Physicians, dentists, and related practitioners	764	175	15	-	15	-	574	-
Dentists	157	-	5	-	5	-	152	-
Pharmacists	126	105	-	-	-	-	21	-
Physicians, medical and osteopathic	345	42	5	-	5	-	298	-
Other related practitioners	136	28	5	-	5	-	103	-
Health technologists and technicians	106	99	7	-	-	7	-	-
Religious workers	394	357	5	-	5	-	32	-
Social scientists	133	69	58	38	6	14	6	-
Social and recreation workers	146	66	80	6	40	34	-	-
Teachers	1 872	601	1 271	22	120	1 129	-	-
College and university	411	284	127	-	44	83	-	-
Elementary and prekindergarten	346	67	279	-	21	258	-	-
Secondary	1 035	188	847	16	55	776	-	-
Engineering and science technicians	1 300	1 106	194	127	16	51	-	-
Draftsmen and surveyors	753	647	106	51	9	46	-	-
Electrical and electronic engineering technicians	142	133	9	6	3	-	-	-
Technicians, except health, and engineering and science	132	60	67	46	5	16	5	-
Airplane pilots	28	28	-	-	-	-	-	-
Writers, artists, and entertainers	711	561	77	77	-	-	73	-
Other professional, technical, and kindred workers	1 437	937	473	239	102	132	27	-
Managers and administrators, except farm	**8 608**	**6 066**	**1 210**	**657**	**90**	**463**	**1 317**	**15**
Buyers, purchasing agents, and sales managers	1 378	1 170	104	97	-	7	104	-
School administrators	265	57	208	-	5	203	-	-
Specified managers and administrators, public administration	564	-	564	371	25	168	-	-
Other specified managers and administrators	1 542	1 209	79	39	19	21	246	8
Managers and administrators, n.e.c., salaried	3 885	3 630	255	150	41	64	-	-
Manufacturing	1 281	1 147	134	128	-	6	-	-
Wholesale and retail trade	1 254	1 249	5	-	5	-	-	-
Transportation, communications and other public utilities	383	365	18	-	-	18	-	-
All other industries	967	869	98	22	36	40	-	-
Managers and administrators, n.e.c., self-employed	974	-	-	-	-	-	967	7
Construction	184	-	-	-	-	-	184	-
Manufacturing	60	-	-	-	-	-	60	-
Wholesale and retail trade	526	-	-	-	-	-	526	-
All other industries	204	-	-	-	-	-	197	7
Sales workers	**6 069**	**5 291**	**26**	**15**	**6**	**5**	**734**	**18**
Insurance agents, brokers, and underwriters	792	640	-	-	-	-	152	-
Real estate agents and brokers	328	196	-	-	-	-	132	-
Sales representatives, manufacturing industries	681	649	-	-	-	-	26	6
Sales representatives, wholesale trade	1 255	1 163	5	-	-	5	87	-
Sales clerks, retail trade	1 291	1 104	6	-	6	-	176	5
Salesmen, retail trade	727	651	-	-	-	-	76	-
Salesmen of services and construction	298	274	5	5	-	-	19	-
Other sales workers	697	614	10	10	-	-	66	7
Clerical and kindred workers	**6 161**	**4 500**	**1 563**	**1 312**	**66**	**185**	**93**	**5**
Bank tellers and cashiers	178	153	22	5	-	17	3	-
Bookkeepers and billing clerks	474	404	48	29	-	19	17	5
Mail handlers and postal clerks	645	66	579	575	-	4	-	-
Other clerical and kindred workers	4 864	3 877	914	703	66	145	73	-
Craftsmen and kindred workers	**19 664**	**16 819**	**1 676**	**1 228**	**119**	**329**	**1 136**	**33**
Apparel craftsmen and upholsterers	66	36	-	-	-	-	30	-
Bakers	101	86	-	-	-	-	15	-
Cabinetmakers	66	53	3	-	-	3	10	-
Construction craftsmen	4 793	4 033	309	166	43	100	451	-
Carpenters	1 289	1 002	69	35	25	9	218	-
Excavating, grading, and road machine operators	451	336	88	22	9	57	27	-
Electricians	1 173	1 080	67	44	5	18	26	-
Masons and tile setters	301	262	11	11	-	-	28	-
Painters, construction and maintenance, and paperhangers	399	275	23	15	4	4	101	-
Plasterers and cement finishers	137	124	-	-	-	-	13	-
Plumbers and pipe fitters	793	726	51	39	-	12	16	-
Other construction craftsmen	250	228	-	-	-	-	22	-
Foremen, n.e.c.	3 025	2 735	263	192	9	62	17	10
Manufacturing	2 139	2 014	119	114	-	5	6	-
Nonmanufacturing industries	886	721	144	78	9	57	11	10
Linemen and servicemen, telephone and power	578	565	13	13	-	-	-	-
Locomotive engineers and firemen	113	113	-	-	-	-	-	-
Mechanics and repairmen	4 277	3 526	397	294	34	69	335	19
Air conditioning, heating, and refrigeration	197	139	21	16	5	-	29	8
Aircraft	50	30	14	14	-	-	6	-
Automobile, including body	1 488	1 205	78	56	10	12	200	5
Radio and television	142	98	-	-	-	-	44	-
Other mechanics and repairmen	2 400	2 054	284	208	19	57	56	6
Metal craftsmen, except mechanics	3 432	3 027	380	370	5	5	25	-
Machinists and job and die setters	1 269	985	279	274	5	-	5	-
Sheetmetal workers and tinsmiths	327	292	30	30	-	-	5	-
Tool and die makers	774	714	55	55	-	-	5	-
Other metal craftsmen	1 062	1 036	16	11	-	5	10	-
Printing craftsmen	491	439	34	34	-	-	18	-
Compositors and typesetters	219	211	-	-	-	-	8	-
Pressmen and plate printers, printing	221	182	34	34	-	-	5	-
Stationary engineers and power station operators	244	168	76	21	5	50	-	-
Other craftsmen and kindred workers	2 478	2 038	201	138	23	40	235	4

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**15 779**	**14 593**	**958**	**793**	**38**	**127**	**224**	**4**
Assemblers	1 936	1 901	25	25	–	–	10	–
Checkers, examiners, and inspectors; manufacturing	922	820	102	102	–	–	–	–
Garage workers and gas station attendants	705	652	5	5	–	–	48	–
Laundry and drycleaning operatives, n.e.c	135	87	39	–	9	30	9	–
Meat cutters and butchers	609	574	5	–	5	–	30	–
Mine operatives, n.e.c	49	49	–	–	–	–	–	–
Packers and wrappers, except produce	404	380	24	24	–	–	–	–
Painters, manufactured articles	340	325	10	10	–	–	5	–
Precision machine operatives	1 873	1 720	142	142	–	–	11	–
Sawyers	137	122	9	9	–	–	6	–
Stationary firemen	144	114	30	5	10	15	–	–
Textile operatives	23	17	6	6	–	–	–	–
Welders and flamecutters	1 736	1 638	67	57	–	10	27	4
Other metalworking operatives	1 027	973	48	48	–	–	6	–
Other specified operatives	1 950	1 814	100	77	5	18	36	–
Miscellaneous and not specified operatives	3 789	3 407	346	283	9	54	36	–
Occupation:								
Machine operatives, miscellaneous specified	1 475	1 326	133	105	–	28	16	–
Machine operatives, not specified	1 087	950	137	128	–	9	–	–
Miscellaneous operatives	804	723	66	40	9	17	15	–
Not specified operatives	423	408	10	10	–	–	5	–
Industry:								
Manufacturing	3 324	3 056	246	219	–	27	22	–
Durable goods	2 736	2 494	231	204	–	27	11	–
Wood products, including furniture	34	34	–	–	–	–	–	–
Primary metal industries	769	749	15	–	–	15	5	–
Fabricated metal industries	179	179	–	–	–	–	–	–
Machinery, including electrical	1 319	1 311	8	–	–	8	–	–
Motor vehicles and equipment	58	58	–	–	–	–	–	–
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–
Other durable goods	377	163	208	204	–	4	6	–
Nondurable goods	573	547	15	15	–	–	11	–
Food and kindred products	326	314	7	7	–	–	5	–
Apparel and other fabricated textile products	47	47	–	–	–	–	–	–
Paper and allied products	48	48	–	–	–	–	–	–
Chemicals and allied products	24	16	8	8	–	–	–	–
Other nondurable goods	128	122	–	–	–	–	6	–
Not specified manufacturing industries	15	15	–	–	–	–	–	–
Nonmanufacturing industries	465	351	100	64	9	27	14	–
Transportation, communications, and other public utilities	86	65	21	–	4	17	–	–
Wholesale and retail trade	173	168	5	5	–	–	–	–
All other industries	206	118	74	59	5	10	14	–
Transport equipment operatives	**5 353**	**4 786**	**302**	**175**	**34**	**93**	**261**	**4**
Bus drivers	106	72	34	5	–	29	–	–
Taxicab drivers and chauffeurs	134	118	4	4	–	–	12	–
Truck drivers and deliverymen	3 672	3 312	133	67	18	48	223	4
Other transport equipment operatives	1 441	1 284	131	99	16	16	26	–
Laborers, except farm	**5 740**	**5 002**	**616**	**163**	**85**	**368**	**102**	**20**
Construction laborers	806	617	189	8	56	125	–	–
Freight, stock, and material handlers	2 427	2 261	141	89	–	52	16	9
Other specified laborers	1 277	968	241	51	29	161	68	–
Miscellaneous and not specified laborers	1 230	1 156	45	15	–	30	18	11
Occupation:								
Miscellaneous laborers	367	345	10	–	–	10	12	–
Not specified laborers	863	811	35	15	–	20	6	11
Industry:								
Manufacturing	796	783	–	–	–	–	13	–
Durable goods	656	643	–	–	–	–	13	–
Wood products, including furniture	32	32	–	–	–	–	–	–
Metal industries	369	363	–	–	–	–	6	–
Machinery, including electrical	213	206	–	–	–	–	7	–
Transportation equipment	21	21	–	–	–	–	–	–
Other durable goods	21	21	–	–	–	–	–	–
Nondurable goods	140	140	–	–	–	–	–	–
Food and kindred products	103	103	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	434	373	45	15	–	30	5	11
Railroads and railway express service	46	46	–	–	–	–	–	–
Transportation, except railroads	30	24	6	–	–	6	–	–
Communications, and utilities and sanitary services	30	15	15	–	–	15	–	–
Wholesale and retail trade	173	162	–	–	–	–	5	6
All other industries	155	126	24	15	–	9	–	5
Farmers and farm managers	**3 468**	**95**	–	–	–	–	**3 362**	**11**
Farm laborers and farm foremen	**834**	**622**	**10**	**5**	–	**5**	**11**	**191**
Paid farm laborers and farm foremen	643	622	10	5	–	5	11	–
Unpaid family workers	191	–	–	–	–	–	–	191
Service workers, except private household[1]	**6 243**	**4 102**	**1 598**	**195**	**195**	**1 208**	**516**	**27**
Cleaning service workers	2 309	1 718	545	78	49	418	41	5
Food service workers	1 521	1 276	23	12	11	–	200	22
Cooks, except private household	511	473	7	7	–	–	31	–
Busboys and dishwashers	392	389	3	–	3	–	–	–
Health service workers	122	72	50	–	31	19	–	–
Personal service workers	559	275	49	4	39	6	235	–
Protective service workers	1 307	408	894	77	65	752	5	–
Firemen, fire protection	268	6	262	5	–	257	–	–
Guards and watchmen	478	390	83	38	11	34	5	–
Policemen and detectives	476	12	464	13	54	397	–	–
Private household workers	**28**	**28**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**50 387**	**38 726**	**9 221**	**2 619**	**1 126**	**5 476**	**1 892**	**548**
Professional, technical, and kindred workers	**7 706**	**3 659**	**3 726**	**294**	**409**	**3 023**	**302**	**19**
Accountants	381	249	111	96	11	4	21	–
Computer specialists	91	33	58	45	–	13	–	–
Librarians	156	42	114	5	10	99	–	–
Mathematical specialists	8	4	4	4	–	–	–	–
Life and physical scientists	9	9	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 759	1 327	401	5	109	287	21	10
Dietitians	58	32	26	–	14	12	–	–
Registered nurses	1 502	1 178	297	5	56	236	17	10
Health technologists and technicians	310	267	43	–	12	31	–	–
Social scientists	5	5	–	–	–	–	–	–
Social and recreation workers	160	71	89	6	55	28	–	–
Teachers: College and university	199	126	73	4	18	51	–	–
Elementary and prekindergarten	2 287	603	1 663	9	103	1 551	16	5
Secondary	887	136	751	–	10	741	–	–
Other teachers	263	90	36	–	4	32	137	–
Engineering and science technicians	108	95	9	5	4	–	4	–
Technicians, except health, and engineering and science	32	5	22	12	–	10	5	–
Writers, artists, and entertainers	312	213	45	36	4	5	50	4
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	82	66	16	16	–	–	–	–
Other professional, technical, and kindred workers	739	384	307	67	69	171	48	–
Managers and administrators, except farm	**1 557**	**978**	**297**	**167**	**13**	**117**	**245**	**37**
Buyers, purchasing agents, and sales managers	258	195	58	58	–	–	–	5
Restaurant, cafeteria, and bar managers	197	106	4	–	4	–	71	16
School administrators	65	35	30	–	–	30	–	–
Other specified managers and administrators	415	233	159	87	9	63	17	6
Managers and administrators, n.e.c., salaried	455	409	46	22	–	24	–	–
Wholesale and retail trade	124	124	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	167	–	–	–	–	–	157	10
Wholesale and retail trade	96	–	–	–	–	–	92	4
Sales workers	**3 840**	**3 512**	**26**	**14**	**–**	**12**	**239**	**63**
Demonstrators, hucksters, and peddlers	364	304	–	–	–	–	55	5
Insurance, real estate agents, and brokers	203	169	4	–	–	4	30	–
Sales clerks, retail trade	2 634	2 474	18	10	–	8	102	40
Salesmen, retail trade	118	93	–	–	–	–	16	9
Other sales workers	521	472	4	4	–	–	36	9
Clerical and kindred workers	**18 404**	**14 613**	**3 309**	**1 872**	**256**	**1 181**	**180**	**302**
Bank tellers	404	383	11	11	–	–	10	–
Bookkeepers	2 429	2 048	169	77	10	82	68	144
Cashiers	1 429	1 351	65	11	4	50	3	10
Counter clerks, except food	304	277	16	9	–	7	11	–
Enumerators and interviewers	26	20	6	6	–	–	–	–
File clerks	352	278	67	35	12	20	4	3
Office machine operators	917	703	214	177	2	35	–	–
Bookkeeping and billing machine operators	173	153	20	18	2	–	–	–
Keypunch operators	519	399	120	96	–	24	–	–
Payroll and timekeeping clerks	203	164	39	35	–	4	–	–
Receptionists	564	513	32	4	12	16	5	14
Secretaries	4 667	3 735	851	322	109	420	22	59
Stenographers	270	177	93	69	15	9	–	–
Telephone operators	511	467	38	17	12	9	–	6
Typists	1 797	1 240	553	382	32	139	4	–
Other clerical and kindred workers	4 531	3 257	1 155	717	48	390	53	66
Craftsmen and kindred workers	**798**	**660**	**66**	**35**	**11**	**20**	**66**	**6**
Foremen, n.e.c	118	100	13	8	–	5	5	–
Operatives, except transport	**4 678**	**4 423**	**182**	**96**	**16**	**70**	**68**	**5**
Assemblers	579	564	15	9	–	6	–	–
Bottling and canning operatives	13	13	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	219	199	20	20	–	–	–	–
Dressmakers and seamstresses, except factory	210	148	11	–	–	11	51	–
Laundry and drycleaning operatives, including ironers	565	532	27	–	6	21	6	–
Graders and sorters, manufacturing	25	25	–	–	–	–	–	–
Packers and wrappers, except produce	669	669	–	–	–	–	–	–
Sewers and stitchers	443	420	12	12	–	–	11	–
Textile operatives	4	–	4	–	–	4	–	–
Other specified operatives	1 177	1 129	43	25	5	13	–	5
Miscellaneous and not specified operatives	774	724	50	30	5	15	–	–
Manufacturing	625	594	31	25	–	6	–	–
Durable goods	290	265	25	25	–	–	–	–
Machinery, including electrical	101	101	–	–	–	–	–	–
Other durable goods	189	164	25	25	–	–	–	–
Nondurable goods, including not specified manufacturing	335	329	6	–	–	6	–	–
Food and kindred products	128	122	6	–	–	6	–	–
Apparel and other fabricated textile products	44	44	–	–	–	–	–	–
Nonmanufacturing industries	149	130	19	5	5	9	–	–
Transport equipment operatives	**317**	**241**	**57**	**10**	**5**	**42**	**19**	**–**
Laborers, except farm	**499**	**441**	**40**	**34**	**6**	**–**	**9**	**9**
Farmers and farm managers	**142**	**10**	**–**	**–**	**–**	**–**	**126**	**6**
Farm laborers and farm foremen	**105**	**42**	**–**	**–**	**–**	**–**	**–**	**63**
Paid farm laborers and farm foremen	42	42	–	–	–	–	–	–
Unpaid family workers	63	–	–	–	–	–	–	63
Service workers, except private household[1]	**11 035**	**8 865**	**1 512**	**91**	**410**	**1 011**	**620**	**38**
Cleaning service workers	1 413	1 180	204	29	25	150	24	5
Chambermaids and maids	312	287	25	–	5	20	–	–
Food service workers	4 975	4 327	487	20	90	377	132	29
Cooks, except private household	1 322	1 013	260	5	59	196	44	5
Waiters and food counter workers	2 562	2 423	72	10	7	55	52	15
Health service workers	2 351	1 853	478	15	249	214	20	–
Nursing aides, orderlies, and attendants	1 555	1 158	387	15	197	175	10	–
Practical nurses	327	288	29	–	–	29	10	–
Personal service workers	1 355	805	132	5	29	98	418	–
Hairdressers and cosmetologists	802	463	5	–	–	5	334	–
Private household workers	**1 306**	**1 282**	**6**	**6**	**–**	**–**	**18**	**–**
Private household workers, living in	72	72	–	–	–	–	–	–
Private household workers, living out	1 234	1 210	6	6	–	–	18	–

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PEORIA SMSA								
Total								
Male, 16 years old and over	**87 146**	**72 997**	**6 661**	**1 649**	**1 296**	**3 716**	**7 241**	**247**
Professional, technical, and kindred workers	**11 225**	**7 789**	**2 381**	**401**	**560**	**1 420**	**1 050**	**5**
Accountants	726	591	34	24	10	–	101	–
Architects	102	49	–	–	–	–	53	–
Computer specialists	427	421	6	–	6	–	–	–
Engineers	2 464	2 242	192	46	107	39	30	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–
Civil	332	197	129	4	91	34	6	–
Electrical and electronic	255	241	5	5	–	–	9	–
Mechanical	559	538	10	5	5	–	11	–
Other engineers	1 318	1 266	48	32	11	5	4	–
Lawyers and judges	351	36	59	24	25	10	256	–
Life and physical scientists	283	93	190	187	–	3	–	–
Chemists	229	73	156	153	–	3	–	–
Physicians, dentists, and related practitioners	748	315	20	–	16	4	413	–
Dentists	99	–	5	–	5	–	94	–
Pharmacists	198	154	6	–	6	–	38	–
Physicians, medical and osteopathic	349	132	5	–	5	–	212	–
Other related practitioners	102	29	4	–	–	4	69	–
Health technologists and technicians	122	98	19	–	14	5	5	–
Religious workers	419	382	–	–	–	–	37	–
Social scientists	171	122	49	–	25	24	–	–
Social and recreation workers	109	34	70	–	56	14	5	–
Teachers	1 901	661	1 211	6	138	1 067	29	–
College and university	479	349	130	–	72	58	–	–
Elementary and prekindergarten	404	74	330	–	4	326	–	–
Secondary	885	151	734	6	49	679	–	–
Engineering and science technicians	1 168	1 047	114	39	60	15	7	–
Draftsmen and surveyors	669	617	45	4	32	9	7	–
Electrical and electronic engineering technicians	73	64	9	9	–	–	–	–
Technicians, except health, and engineering and science	88	54	29	14	4	11	5	–
Airplane pilots	27	17	5	5	–	–	5	–
Writers, artists, and entertainers	706	616	27	11	5	11	63	–
Other professional, technical, and kindred workers	1 440	1 028	361	50	94	217	46	5
Managers and administrators, except farm	**8 154**	**6 287**	**670**	**112**	**161**	**397**	**1 193**	**4**
Buyers, purchasing agents, and sales managers	1 279	1 181	18	6	–	12	76	4
School administrators	305	70	235	–	28	207	–	–
Specified managers and administrators, public administration	232	–	232	82	57	93	–	–
Other specified managers and administrators	1 443	1 189	68	12	29	27	186	–
Managers and administrators, n.e.c., salaried	3 964	3 847	117	12	47	58	–	–
Manufacturing	1 228	1 228	–	–	–	–	–	–
Wholesale and retail trade	1 270	1 270	–	–	–	–	–	–
Transportation, communications and other public utilities	372	351	21	–	–	21	–	–
All other industries	1 094	998	96	12	47	37	–	–
Managers and administrators, n.e.c., self-employed	931	–	–	–	–	–	931	–
Construction	139	–	–	–	–	–	139	–
Manufacturing	41	–	–	–	–	–	41	–
Wholesale and retail trade	564	–	–	–	–	–	564	–
All other industries	187	–	–	–	–	–	187	–
Sales workers	**5 524**	**4 871**	**15**	**6**	**4**	**5**	**631**	**7**
Insurance agents, brokers, and underwriters	793	603	–	–	–	–	186	4
Real estate agents and brokers	261	202	–	–	–	–	59	–
Sales representatives, manufacturing industries	761	735	–	–	–	–	26	–
Sales representatives, wholesale trade	1 137	1 046	6	6	–	–	85	–
Sales clerks, retail trade	1 142	999	–	–	–	–	143	–
Salesmen, retail trade	661	580	–	–	–	–	78	3
Salesmen of services and construction	222	197	4	–	4	–	21	–
Other sales workers	547	509	5	–	–	5	33	–
Clerical and kindred workers	**6 445**	**5 402**	**907**	**727**	**57**	**123**	**115**	**21**
Bank tellers and cashiers	146	132	5	–	5	–	4	5
Bookkeepers and billing clerks	628	553	19	–	3	16	56	–
Mail handlers and postal clerks	699	47	652	652	–	–	–	–
Other clerical and kindred workers	4 972	4 670	231	75	49	107	55	16
Craftsmen and kindred workers	**18 219**	**16 567**	**503**	**117**	**117**	**269**	**1 135**	**14**
Apparel craftsmen and upholsterers	54	33	–	–	–	–	21	–
Bakers	119	109	–	–	–	–	10	–
Cabinetmakers	59	43	–	–	–	–	16	–
Construction craftsmen	4 558	3 894	146	32	45	69	509	9
Carpenters	1 219	955	20	15	–	5	244	–
Excavating, grading, and road machine operators	435	371	41	–	7	34	19	4
Electricians	885	818	34	5	18	11	33	–
Masons and tile setters	278	252	–	–	–	–	21	5
Painters, construction and maintenance, and paperhangers	398	262	40	6	15	19	96	–
Plasterers and cement finishers	141	113	–	–	–	–	28	–
Plumbers and pipe fitters	892	824	11	6	5	–	57	–
Other construction craftsmen	310	299	–	–	–	–	11	–
Foremen, n.e.c.	2 961	2 865	67	11	21	35	29	–
Manufacturing	2 113	2 103	–	–	–	–	10	–
Nonmanufacturing industries	848	762	67	11	21	35	19	–
Linemen and servicemen, telephone and power	543	531	5	–	–	5	7	–
Locomotive engineers and firemen	133	133	–	–	–	–	–	–
Mechanics and repairmen	3 513	3 069	161	56	40	65	283	–
Air conditioning, heating, and refrigeration	115	88	–	–	–	–	27	–
Aircraft	65	25	40	35	5	–	–	–
Automobile, including body	1 265	1 070	42	5	14	23	153	–
Radio and television	154	97	6	–	6	–	51	–
Other mechanics and repairmen	1 914	1 789	73	16	15	42	52	–
Metal craftsmen, except mechanics	3 022	2 996	26	5	5	16	–	–
Machinists and job and die setters	1 159	1 145	14	5	–	9	–	–
Sheetmetal workers and tinsmiths	341	341	–	–	–	–	–	–
Tool and die makers	372	372	–	–	–	–	–	–
Other metal craftsmen	1 150	1 138	12	–	5	7	–	–
Printing craftsmen	523	500	5	–	–	5	18	–
Compositors and typesetters	161	148	5	–	–	5	8	–
Pressmen and plate printers, printing	267	257	–	–	–	–	10	–
Stationary engineers and power station operators	479	439	36	5	–	31	4	–
Other craftsmen and kindred workers	2 255	1 955	57	8	6	43	238	5

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PEORIA SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**16 952**	**16 506**	**172**	**85**	**40**	**47**	**233**	**41**
Assemblers	1 351	1 338	5	–	–	5	5	3
Checkers, examiners, and inspectors, manufacturing	1 659	1 634	19	13	6	–	–	6
Garage workers and gas station attendants	757	677	–	–	–	–	72	8
Laundry and drycleaning operatives, n.e.c	62	51	11	–	6	5	–	–
Meat cutters and butchers	359	317	5	5	–	–	37	–
Mine operatives, n.e.c	33	33	–	–	–	–	–	–
Packers and wrappers, except produce	481	471	10	5	5	–	–	–
Painters, manufactured articles	221	217	–	–	–	–	4	–
Precision machine operatives	2 600	2 590	–	–	–	–	10	–
Sawyers	121	121	–	–	–	–	–	–
Stationary firemen	237	217	20	13	–	7	–	–
Textile operatives	10	10	–	–	–	–	–	–
Welders and flamecutters	1 496	1 469	10	–	–	10	12	5
Other metalworking operatives	570	555	5	–	5	–	10	–
Other specified operatives	2 267	2 193	36	17	8	11	32	6
Miscellaneous and not specified operatives	4 728	4 613	51	32	10	9	51	13
Occupation:								
Machine operatives, miscellaneous specified	1 810	1 775	18	13	–	5	17	–
Machine operatives, not specified	1 149	1 117	5	5	–	–	27	–
Miscellaneous operatives	1 203	1 162	28	14	10	4	–	13
Not specified operatives	566	559	–	–	–	–	7	–
Industry:								
Manufacturing	4 355	4 298	18	13	–	5	39	–
Durable goods	3 130	3 083	13	8	–	5	34	–
Wood products, including furniture	81	75	–	–	–	–	6	–
Primary metal industries	754	749	5	–	–	5	–	–
Fabricated metal industries	168	164	–	–	–	–	4	–
Machinery, including electrical	2 039	2 014	8	8	–	–	17	–
Motor vehicles and equipment	23	16	–	–	–	–	7	–
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–
Other durable goods	65	65	–	–	–	–	–	–
Nondurable goods	1 205	1 195	5	5	–	–	5	–
Food and kindred products	799	794	5	5	–	–	–	–
Apparel and other fabricated textile products	11	11	–	–	–	–	–	–
Paper and allied products	162	162	–	–	–	–	–	–
Chemicals and allied products	73	68	–	–	–	–	5	–
Other nondurable goods	160	160	–	–	–	–	–	–
Not specified manufacturing industries	20	20	–	–	–	–	–	–
Nonmanufacturing industries	373	315	33	19	10	4	12	13
Transportation, communications, and other public utilities	89	85	4	–	–	4	–	–
Wholesale and retail trade	151	131	–	–	–	–	7	13
All other industries	133	99	29	19	10	–	5	–
Transport equipment operatives	**5 588**	**5 133**	**270**	**37**	**31**	**202**	**185**	–
Bus drivers	212	178	34	–	–	34	–	–
Taxicab drivers and chauffeurs	128	118	–	–	–	–	10	–
Truck drivers and deliverymen	3 692	3 358	163	29	27	107	171	–
Other transport equipment operatives	1 556	1 479	73	8	4	61	4	–
Laborers, except farm	**6 098**	**5 667**	**346**	**52**	**97**	**197**	**80**	**5**
Construction laborers	922	783	139	10	64	65	–	–
Freight, stock, and material handlers	2 561	2 498	54	18	5	31	4	5
Other specified laborers	1 317	1 196	70	13	24	33	51	–
Miscellaneous and not specified laborers	1 298	1 190	83	11	4	68	25	–
Occupation:								
Miscellaneous laborers	455	415	30	–	–	30	10	–
Not specified laborers	843	775	53	11	4	38	15	–
Industry:								
Manufacturing	850	829	10	–	4	6	11	–
Durable goods	593	587	6	–	–	6	–	–
Wood products, including furniture	12	12	–	–	–	–	–	–
Metal industries	294	288	6	–	–	6	–	–
Machinery, including electrical	252	252	–	–	–	–	–	–
Transportation equipment	–	–	–	–	–	–	–	–
Other durable goods	35	35	–	–	–	–	–	–
Nondurable goods	257	242	4	–	4	–	11	–
Food and kindred products	225	216	4	–	4	–	5	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	448	361	73	11	–	62	14	–
Railroads and railway express service	102	102	–	–	–	–	–	–
Transportation, except railroads	20	16	–	–	–	–	4	–
Communications, and utilities and sanitary services	58	21	37	–	–	37	–	–
Wholesale and retail trade	183	170	7	–	–	7	6	–
All other industries	85	52	29	11	–	18	4	–
Farmers and farm managers	**2 400**	**56**	–	–	–	–	**2 344**	–
Farm laborers and farm foremen	**588**	**449**	**5**	**5**	–	–	–	**134**
Paid farm laborers and farm foremen	454	449	5	5	–	–	–	–
Unpaid family workers	134	–	–	–	–	–	–	134
Service workers, except private household[1]	**5 923**	**4 240**	**1 392**	**107**	**229**	**1 056**	**275**	**16**
Cleaning service workers	2 423	1 901	479	58	67	354	36	7
Food service workers	1 370	1 258	34	–	25	9	74	4
Cooks, except private household	365	345	15	–	10	5	5	–
Busboys and dishwashers	404	399	5	–	5	–	–	–
Health service workers	82	64	18	–	12	6	–	–
Personal service workers	416	227	36	–	28	8	148	5
Protective service workers	1 249	498	751	25	87	639	–	–
Firemen, fire protection	221	10	211	–	6	205	–	–
Guards and watchmen	516	462	54	9	20	25	–	–
Policemen and detectives	439	22	417	5	52	360	–	–
Private household workers	**30**	**30**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PEORIA SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**47 355**	**37 896**	**7 133**	**631**	**1 799**	**4 703**	**1 906**	**420**
Professional, technical, and kindred workers	**7 398**	**3 804**	**3 344**	**106**	**545**	**2 693**	**225**	**25**
Accountants	274	249	5	5	–	–	15	5
Computer specialists	61	56	5	–	–	5	–	–
Librarians	142	51	91	–	8	83	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	40	16	24	24	–	–	–	–
Registered nurses, dietitians, and therapists	1 780	1 406	339	5	204	130	29	6
Dietitians	60	50	10	–	5	5	–	–
Registered nurses	1 598	1 312	251	5	148	98	29	6
Health technologists and technicians	306	261	45	5	29	11	–	–
Social scientists	12	–	12	–	7	5	–	–
Social and recreation workers	215	80	135	5	80	50	–	–
Teachers: College and university	202	132	70	–	41	29	–	–
Elementary and prekindergarten	2 136	448	1 678	4	69	1 605	10	–
Secondary	776	201	575	15	26	534	–	–
Other teachers	230	120	25	–	14	11	85	–
Engineering and science technicians	106	75	31	31	–	–	–	–
Technicians, except health, and engineering and science	63	5	58	–	–	58	–	–
Writers, artists, and entertainers	307	253	15	–	5	10	34	5
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	105	93	–	–	–	–	12	–
Other professional, technical, and kindred workers	748	451	236	12	62	162	52	9
Managers and administrators, except farm	**1 287**	**858**	**157**	**4**	**25**	**128**	**259**	**13**
Buyers, purchasing agents, and sales managers	199	156	4	4	–	–	35	4
Restaurant, cafeteria, and bar managers	167	56	29	–	–	29	82	–
School administrators	78	60	18	–	–	18	–	–
Other specified managers and administrators	274	156	88	–	25	63	30	–
Managers and administrators, n.e.c., salaried	448	430	18	–	–	18	–	–
Wholesale and retail trade	193	193	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	121	–	–	–	–	–	112	9
Wholesale and retail trade	68	–	–	–	–	–	63	5
Sales workers	**3 996**	**3 668**	**29**	**–**	**14**	**15**	**236**	**63**
Demonstrators, hucksters, and peddlers	335	263	4	–	–	4	62	6
Insurance, real estate agents, and brokers	265	256	–	–	–	–	9	–
Sales clerks, retail trade	2 655	2 480	6	–	–	6	117	52
Salesmen, retail trade	122	97	–	–	–	–	25	–
Other sales workers	619	572	19	–	14	5	23	5
Clerical and kindred workers	**18 212**	**15 694**	**2 117**	**457**	**620**	**1 040**	**196**	**205**
Bank tellers	393	388	5	5	–	–	–	–
Bookkeepers	2 480	2 164	130	25	26	79	87	99
Cashiers	1 555	1 500	27	7	9	11	16	12
Counter clerks, except food	399	380	9	–	4	5	4	6
Enumerators and interviewers	49	36	13	13	–	–	–	–
File clerks	431	392	35	5	15	15	4	–
Office machine operators	789	738	51	–	10	41	–	–
Bookkeeping and billing machine operators	116	106	10	–	4	6	–	–
Keypunch operators	439	419	20	–	–	20	–	–
Payroll and timekeeping clerks	205	194	11	–	4	7	–	–
Receptionists	628	554	62	15	28	19	5	7
Secretaries	4 811	4 123	643	76	183	384	22	23
Stenographers	236	149	74	19	40	15	5	8
Telephone operators	533	505	28	10	11	7	–	–
Typists	1 578	1 296	277	54	124	99	5	–
Other clerical and kindred workers	4 125	3 275	752	228	166	358	48	50
Craftsmen and kindred workers	**718**	**635**	**29**	**–**	**13**	**16**	**54**	**–**
Foremen, n.e.c.	170	170	–	–	–	–	–	–
Operatives, except transport	**3 648**	**3 492**	**66**	**–**	**40**	**26**	**81**	**9**
Assemblers	248	248	–	–	–	–	–	–
Bottling and canning operatives	252	252	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	229	229	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	176	111	–	–	–	–	65	–
Laundry and drycleaning operatives, including ironers	635	576	50	–	35	15	5	4
Graders and sorters, manufacturing	12	12	–	–	–	–	–	–
Packers and wrappers, except produce	488	488	–	–	–	–	–	–
Sewers and stitchers	245	245	–	–	–	–	–	–
Textile operatives	21	15	–	–	–	–	6	–
Other specified operatives	617	608	4	–	–	4	5	–
Miscellaneous and not specified operatives	725	708	12	–	5	7	–	5
Manufacturing	603	598	–	–	–	–	–	5
Durable goods	306	306	–	–	–	–	–	–
Machinery, including electrical	138	138	–	–	–	–	–	–
Other durable goods	168	168	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	297	292	–	–	–	–	–	5
Food and kindred products	152	147	–	–	–	–	–	5
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–
Nonmanufacturing industries	122	110	12	–	5	7	–	–
Transport equipment operatives	**173**	**151**	**13**	**–**	**–**	**13**	**9**	**–**
Laborers, except farm	**478**	**435**	**27**	**9**	**8**	**10**	**5**	**11**
Farmers and farm managers	**80**	**–**	**–**	**–**	**–**	**–**	**80**	**–**
Farm laborers and farm foremen	**99**	**56**	**–**	**–**	**–**	**–**	**4**	**39**
Paid farm laborers and farm foremen	60	56	–	–	–	–	4	–
Unpaid family workers	39	–	–	–	–	–	–	39
Service workers, except private household[1]	**10 066**	**7 930**	**1 348**	**52**	**534**	**762**	**733**	**55**
Cleaning service workers	1 239	1 100	118	27	48	43	16	5
Chambermaids and maids	301	287	14	–	9	5	–	–
Food service workers	4 086	3 462	500	15	149	336	90	34
Cooks, except private household	1 220	897	282	–	92	190	19	22
Waiters and food counter workers	1 992	1 861	114	5	33	76	12	5
Health service workers	2 284	1 822	419	5	240	174	32	11
Nursing aides, orderlies, and attendants	1 557	1 215	332	5	186	141	5	5
Practical nurses	388	323	32	–	15	17	27	6
Personal service workers	1 610	873	172	5	63	104	565	–
Hairdressers and cosmetologists	1 045	537	–	–	–	–	508	–
Private household workers	**1 200**	**1 173**	**3**	**3**	**–**	**–**	**24**	**–**
Private household workers, living in	104	104	–	–	–	–	–	–
Private household workers, living out	1 096	1 069	3	3	–	–	24	–

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ROCKFORD SMSA								
Total								
Male, 16 years old and over	**70 408**	**60 106**	**4 462**	**835**	**682**	**2 945**	**5 670**	**170**
Professional, technical, and kindred workers	**8 821**	**6 466**	**1 446**	**97**	**268**	**1 081**	**909**	**–**
Accountants	565	476	33	15	7	11	56	–
Architects	40	31	–	–	–	–	9	–
Computer specialists	230	189	41	–	26	15	–	–
Engineers	2 391	2 302	36	5	12	19	53	–
Aeronautical and astronautical	144	144	–	–	–	–	–	–
Civil	84	60	24	–	5	19	–	–
Electrical and electronic	342	335	7	–	7	–	–	–
Mechanical	611	587	–	–	–	–	24	–
Other engineers	1 210	1 176	5	5	–	–	29	–
Lawyers and judges	164	22	32	5	13	14	110	–
Life and physical scientists	90	76	9	–	–	9	5	–
Chemists	73	59	9	–	–	9	5	–
Physicians, dentists, and related practitioners	612	156	–	–	–	–	456	–
Dentists	182	4	–	–	–	–	178	–
Pharmacists	96	86	–	–	–	–	10	–
Physicians, medical and osteopathic	272	55	–	–	–	–	217	–
Other related practitioners	62	11	–	–	–	–	51	–
Health technologists and technicians	56	51	5	–	–	5	–	–
Religious workers	285	236	5	5	–	–	44	–
Social scientists	85	54	27	–	27	–	4	–
Social and recreation workers	97	19	78	4	53	21	–	–
Teachers	1 178	211	952	5	73	874	15	–
College and university	144	51	93	–	44	49	–	–
Elementary and prekindergarten	242	44	198	5	13	180	–	–
Secondary	738	77	661	–	16	645	–	–
Engineering and science technicians	1 190	1 140	39	8	6	25	11	–
Draftsmen and surveyors	725	683	31	–	6	25	11	–
Electrical and electronic engineering technicians	118	110	8	8	–	–	–	–
Technicians, except health, and engineering and science	124	109	15	15	–	–	–	–
Airplane pilots	59	59	–	–	–	–	–	–
Writers, artists, and entertainers	629	526	–	–	–	–	103	–
Other professional, technical, and kindred workers	1 085	868	174	35	51	88	43	–
Managers and administrators, except farm	**6 841**	**5 464**	**421**	**92**	**80**	**249**	**938**	**18**
Buyers, purchasing agents, and sales managers	1 075	1 026	8	–	4	4	41	–
School administrators	127	18	109	–	18	91	–	–
Specified managers and administrators, public administration	222	–	222	79	21	122	–	–
Other specified managers and administrators	1 115	927	37	–	27	10	138	13
Managers and administrators, n.e.c., salaried	3 538	3 493	45	13	10	22	–	–
Manufacturing	1 485	1 485	–	–	–	–	–	–
Wholesale and retail trade	1 015	1 015	–	–	–	–	–	–
Transportation, communications and other public utilities	256	250	6	–	–	6	–	–
All other industries	782	743	39	13	10	16	–	–
Managers and administrators, n.e.c., self-employed	764	–	–	–	–	–	759	5
Construction	150	–	–	–	–	–	150	–
Manufacturing	79	–	–	–	–	–	79	–
Wholesale and retail trade	357	–	–	–	–	–	357	–
All other industries	178	–	–	–	–	–	173	5
Sales workers	**4 788**	**4 084**	**16**	**11**	**–**	**5**	**683**	**5**
Insurance agents, brokers, and underwriters	589	476	–	–	–	–	113	–
Real estate agents and brokers	285	191	–	–	–	–	94	–
Sales representatives, manufacturing industries	704	662	–	–	–	–	42	–
Sales representatives, wholesale trade	930	837	–	–	–	–	93	–
Sales clerks, retail trade	813	668	–	–	–	–	140	5
Salesmen, retail trade	762	638	5	–	–	5	119	–
Salesmen of services and construction	223	188	6	6	–	–	29	–
Other sales workers	482	424	5	5	–	–	53	–
Clerical and kindred workers	**4 166**	**3 530**	**581**	**467**	**47**	**67**	**55**	**–**
Bank tellers and cashiers	77	61	16	–	16	–	–	–
Bookkeepers and billing clerks	282	272	–	–	–	–	10	–
Mail handlers and postal clerks	475	35	440	435	–	5	–	–
Other clerical and kindred workers	3 332	3 162	125	32	31	62	45	–
Craftsmen and kindred workers	**16 860**	**15 381**	**398**	**47**	**61**	**290**	**1 077**	**4**
Apparel craftsmen and upholsterers	82	55	–	–	–	–	27	–
Bakers	94	70	–	–	–	–	24	–
Cabinetmakers	173	141	5	5	–	–	27	–
Construction craftsmen	3 333	2 763	163	–	29	134	407	–
Carpenters	971	749	23	–	8	15	199	–
Excavating, grading, and road machine operators	232	150	59	–	16	43	23	–
Electricians	718	664	28	–	5	23	26	–
Masons and tile setters	203	191	–	–	–	–	12	–
Painters, construction and maintenance, and paperhangers	342	257	20	–	–	20	65	–
Plasterers and cement finishers	140	107	5	–	–	5	28	–
Plumbers and pipe fitters	494	441	28	–	–	28	25	–
Other construction craftsmen	233	204	–	–	–	–	29	–
Foremen, n.e.c	2 722	2 658	32	9	5	18	28	4
Manufacturing	2 252	2 226	9	4	5	–	17	–
Nonmanufacturing industries	470	432	23	5	–	18	11	4
Linemen and servicemen, telephone and power	355	349	6	–	6	–	–	–
Locomotive engineers and firemen	–	–	–	–	–	–	–	–
Mechanics and repairmen	3 242	2 911	61	5	10	46	270	–
Air conditioning, heating, and refrigeration	111	87	–	–	–	–	24	–
Aircraft	64	64	–	–	–	–	–	–
Automobile, including body	1 239	1 045	27	5	5	17	167	–
Radio and television	165	127	–	–	–	–	38	–
Other mechanics and repairmen	1 663	1 588	34	–	5	29	41	–
Metal craftsmen, except mechanics	4 702	4 608	11	–	6	5	83	–
Machinists and job and die setters	2 213	2 197	–	–	–	–	16	–
Sheetmetal workers and tinsmiths	232	206	–	–	–	–	26	–
Tool and die makers	1 034	1 026	–	–	–	–	8	–
Other metal craftsmen	1 223	1 179	11	–	6	5	33	–
Printing craftsmen	313	290	4	–	–	4	19	–
Compositors and typesetters	84	70	4	–	–	4	10	–
Pressmen and plate printers, printing	157	148	–	–	–	–	9	–
Stationary engineers and power station operators	233	181	47	–	5	42	5	–
Other craftsmen and kindred workers	1 611	1 355	69	28	–	41	187	–

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ROCKFORD SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**15 594**	**15 208**	**155**	**27**	**31**	**97**	**204**	**27**
Assemblers	2 647	2 632	5	-	-	5	10	-
Checkers, examiners, and inspectors; manufacturing	1 367	1 362	5	-	-	5	-	-
Garage workers and gas station attendants	564	503	-	-	-	-	46	15
Laundry and drycleaning operatives, n.e.c	118	110	4	-	-	4	4	-
Meat cutters and butchers	301	284	-	-	-	-	17	-
Mine operatives, n.e.c	16	16	-	-	-	-	-	-
Packers and wrappers, except produce	383	383	-	-	-	-	-	-
Painters, manufactured articles	408	398	5	-	-	5	5	-
Precision machine operatives	2 789	2 755	25	9	11	5	9	-
Sawyers	91	86	5	-	-	5	-	-
Stationary firemen	102	88	14	-	4	10	-	-
Textile operatives	8	8	-	-	-	-	-	-
Welders and flamecutters	795	778	6	-	6	-	11	-
Other metalworking operatives	1 264	1 232	14	5	-	9	18	-
Other specified operatives	1 649	1 562	31	6	4	21	50	6
Miscellaneous and not specified operatives	3 092	3 011	41	7	6	28	34	6
Occupation:								
Machine operatives, miscellaneous specified	1 382	1 340	24	-	-	24	18	-
Machine operatives, not specified	788	777	6	-	6	-	5	-
Miscellaneous operatives	557	538	7	7	-	-	6	6
Not specified operatives	365	356	4	-	-	4	5	-
Industry:								
Manufacturing	2 880	2 828	34	-	6	28	12	6
Durable goods	2 346	2 310	18	-	6	12	12	6
Wood products, including furniture	42	40	-	-	-	-	2	-
Primary metal industries	251	246	-	-	-	-	5	-
Fabricated metal industries	711	706	5	-	-	5	-	-
Machinery, including electrical	937	919	13	-	6	7	5	-
Motor vehicles and equipment	161	155	-	-	-	-	-	6
Transportation equipment, except motor vehicles	92	92	-	-	-	-	-	-
Other durable goods	152	152	-	-	-	-	-	-
Nondurable goods	518	508	10	-	-	10	-	-
Food and kindred products	289	283	6	-	-	6	-	-
Apparel and other fabricated textile products	10	10	-	-	-	-	-	-
Paper and allied products	62	58	4	-	-	4	-	-
Chemicals and allied products	51	51	-	-	-	-	-	-
Other nondurable goods	106	106	-	-	-	-	-	-
Not specified manufacturing industries	16	10	6	-	-	6	-	-
Nonmanufacturing industries	212	183	7	7	-	-	22	-
Transportation, communications, and other public utilities	35	29	-	-	-	-	6	-
Wholesale and retail trade	93	83	-	-	-	-	10	-
All other industries	84	71	7	7	-	-	6	-
Transport equipment operatives	**3 210**	**2 906**	**87**	**15**	**20**	**52**	**207**	**10**
Bus drivers	78	78	-	-	-	-	-	-
Taxicab drivers and chauffeurs	100	91	9	5	-	4	-	-
Truck drivers and deliverymen	2 513	2 231	78	10	20	48	194	10
Other transport equipment operatives	519	506	-	-	-	-	13	-
Laborers, except farm	**3 743**	**3 411**	**288**	**52**	**34**	**202**	**44**	**-**
Construction laborers	458	390	68	-	10	58	-	-
Freight, stock, and material handlers	1 733	1 662	62	52	6	4	9	-
Other specified laborers	983	852	106	-	11	95	25	-
Miscellaneous and not specified laborers	569	507	52	-	7	45	10	-
Occupation:								
Miscellaneous laborers	266	215	41	-	7	34	10	-
Not specified laborers	303	292	11	-	-	11	-	-
Industry:								
Manufacturing	368	368	-	-	-	-	-	-
Durable goods	301	301	-	-	-	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-
Metal industries	169	169	-	-	-	-	-	-
Machinery, including electrical	76	76	-	-	-	-	-	-
Transportation equipment	20	20	-	-	-	-	-	-
Other durable goods	36	36	-	-	-	-	-	-
Nondurable goods	67	67	-	-	-	-	-	-
Food and kindred products	50	50	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	201	139	52	-	7	45	10	-
Railroads and railway express service	17	10	7	-	7	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	39	-	34	-	-	34	5	-
Wholesale and retail trade	70	70	-	-	-	-	-	-
All other industries	75	59	11	-	-	11	5	-
Farmers and farm managers	**1 245**	**15**	**5**	**-**	**-**	**5**	**1 225**	**-**
Farm laborers and farm foremen	**511**	**415**	**-**	**-**	**-**	**-**	**12**	**84**
Paid farm laborers and farm foremen	427	415	-	-	-	-	12	-
Unpaid family workers	84	-	-	-	-	-	-	84
Service workers, except private household[1]	**4 602**	**3 199**	**1 065**	**27**	**141**	**897**	**316**	**22**
Cleaning service workers	1 792	1 367	398	27	45	326	27	-
Food service workers	1 095	998	4	-	-	4	75	18
Cooks, except private household	403	371	-	-	-	-	23	9
Busboys and dishwashers	233	220	4	-	-	4	-	9
Health service workers	83	48	31	-	31	-	-	4
Personal service workers	444	243	11	-	11	-	190	-
Protective service workers	938	348	579	-	43	536	11	-
Firemen, fire protection	198	-	198	-	-	198	-	-
Guards and watchmen	375	337	27	-	11	16	11	-
Policemen and detectives	306	11	295	-	32	263	-	-
Private household workers	**27**	**27**	**-**	**-**	**-**	**-**	**-**	**-**

[1]Includes allocated cases not shown separately.

Table 173. Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ROCKFORD SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**41 460**	**34 855**	**4 955**	**497**	**638**	**3 820**	**1 353**	**297**
Professional, technical, and kindred workers	**5 456**	**2 748**	**2 515**	**66**	**282**	**2 167**	**188**	**5**
Accountants	178	158	15	5	–	10	5	–
Computer specialists	35	23	12	–	–	12	–	–
Librarians	71	20	51	–	5	46	–	–
Mathematical specialists	6	6	–	–	–	–	–	–
Life and physical scientists	15	10	–	–	–	–	5	–
Registered nurses, dietitians, and therapists	1 345	1 146	195	5	88	102	4	–
Dietitians	37	31	6	–	6	–	–	–
Registered nurses	1 231	1 048	179	5	77	97	4	–
Health technologists and technicians	186	177	9	–	–	9	–	–
Social scientists	37	21	16	6	10	–	–	–
Social and recreation workers	128	36	92	–	71	21	–	–
Teachers: College and university	38	24	14	–	5	9	–	–
Elementary and prekindergarten	1 821	378	1 433	15	54	1 364	10	–
Secondary	590	99	491	–	21	470	–	–
Other teachers	156	30	18	4	–	14	108	–
Engineering and science technicians	135	123	12	–	–	12	–	–
Technicians, except health, and engineering and science	15	4	11	–	5	6	–	–
Writers, artists, and entertainers	197	168	–	–	–	–	29	–
Actors and dancers	18	18	–	–	–	–	–	–
Authors, editors, and reporters	54	40	–	–	–	–	14	–
Other professional, technical, and kindred workers	503	325	146	31	23	92	27	5
Managers and administrators, except farm	**919**	**630**	**140**	**37**	**29**	**74**	**111**	**38**
Buyers, purchasing agents, and sales managers	212	201	–	–	–	–	–	11
Restaurant, cafeteria, and bar managers	86	51	5	–	–	5	21	9
School administrators	83	22	56	–	16	40	5	–
Other specified managers and administrators	228	161	51	23	5	23	16	–
Managers and administrators, n.e.c., salaried	223	195	28	14	8	6	–	–
Wholesale and retail trade	81	81	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	87	–	–	–	–	–	69	18
Wholesale and retail trade	49	–	–	–	–	–	39	10
Sales workers	**3 159**	**2 901**	**47**	**12**	**16**	**19**	**185**	**26**
Demonstrators, hucksters, and peddlers	186	149	–	–	–	–	37	–
Insurance, real estate agents, and brokers	186	163	–	–	–	–	23	–
Sales clerks, retail trade	2 254	2 143	12	–	5	7	81	18
Salesmen, retail trade	89	65	–	–	–	–	21	3
Other sales workers	444	381	35	12	11	12	23	5
Clerical and kindred workers	**13 735**	**12 083**	**1 379**	**348**	**193**	**838**	**144**	**129**
Bank tellers	278	266	12	8	–	4	–	–
Bookkeepers	1 755	1 549	74	–	18	56	62	70
Cashiers	1 193	1 161	26	6	–	20	–	6
Counter clerks, except food	271	261	5	–	–	5	5	–
Enumerators and interviewers	28	11	12	12	–	–	5	–
File clerks	409	389	20	–	–	20	–	–
Office machine operators	540	527	13	4	9	–	–	–
Bookkeeping and billing machine operators	121	112	9	4	5	–	–	–
Keypunch operators	318	318	–	–	–	–	–	–
Payroll and timekeeping clerks	201	201	–	–	–	–	–	–
Receptionists	589	552	33	4	10	19	4	–
Secretaries	3 678	3 240	391	56	66	269	14	33
Stenographers	158	111	47	3	26	18	–	–
Telephone operators	434	411	23	10	4	9	–	–
Typists	1 085	891	188	9	31	148	6	–
Other clerical and kindred workers	3 116	2 513	535	236	29	270	48	20
Craftsmen and kindred workers	**899**	**786**	**29**	**–**	**6**	**23**	**72**	**12**
Foremen, n.e.c.	98	93	5	–	–	5	–	–
Operatives, except transport	**9 000**	**8 832**	**82**	**4**	**16**	**62**	**80**	**6**
Assemblers	1 822	1 803	14	–	–	14	5	–
Bottling and canning operatives	23	23	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	957	953	4	4	–	–	–	–
Dressmakers and seamstresses, except factory	100	53	–	–	–	–	47	–
Laundry and drycleaning operatives, including ironers	374	353	12	–	–	12	9	–
Graders and sorters, manufacturing	31	31	–	–	–	–	–	–
Packers and wrappers, except produce	1 007	1 007	–	–	–	–	–	–
Sewers and stitchers	179	174	5	–	–	5	–	–
Textile operatives	34	34	–	–	–	–	–	–
Other specified operatives	2 714	2 683	20	–	11	9	5	6
Miscellaneous and not specified operatives	1 759	1 718	27	–	5	22	14	–
Manufacturing	1 682	1 651	27	–	5	22	4	–
Durable goods	1 260	1 249	11	–	–	11	–	–
Machinery, including electrical	439	433	6	–	–	6	–	–
Other durable goods	821	816	5	–	–	5	–	–
Nondurable goods, including not specified manufacturing	422	402	16	–	5	11	4	–
Food and kindred products	187	183	–	–	–	–	4	–
Apparel and other fabricated textile products	5	5	–	–	–	–	–	–
Nonmanufacturing industries	77	67	–	–	–	–	10	–
Transport equipment operatives	**168**	**151**	**17**	**–**	**–**	**17**	**–**	**–**
Laborers, except farm	**679**	**622**	**21**	**6**	**–**	**15**	**31**	**5**
Farmers and farm managers	**66**	**–**	**–**	**–**	**–**	**–**	**66**	**–**
Farm laborers and farm foremen	**68**	**23**	**–**	**–**	**–**	**–**	**–**	**45**
Paid farm laborers and farm foremen	23	23	–	–	–	–	–	–
Unpaid family workers	45	–	–	–	–	–	–	45
Service workers, except private household[1]	**6 734**	**5 502**	**725**	**24**	**96**	**605**	**476**	**31**
Cleaning service workers	754	679	69	4	14	51	–	6
Chambermaids and maids	219	214	5	–	–	5	–	–
Food service workers	2 992	2 567	350	10	33	307	61	14
Cooks, except private household	787	570	173	5	18	150	39	5
Waiters and food counter workers	1 578	1 523	36	–	6	30	10	9
Health service workers	1 454	1 307	116	–	36	80	26	5
Nursing aides, orderlies, and attendants	855	759	96	–	23	73	–	–
Practical nurses	249	203	20	–	13	7	26	–
Personal service workers	1 061	592	111	–	9	102	358	–
Hairdressers and cosmetologists	702	386	7	–	–	7	309	–
Private household workers	**577**	**577**	**–**	**–**	**–**	**–**	**–**	**–**
Private household workers, living in	36	36	–	–	–	–	–	–
Private household workers, living out	541	541	–	–	–	–	–	–

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ST. LOUIS, MO.–ILL., SMSA								
Total								
Male, 16 years old and over	**553 713**	**453 601**	**63 397**	**26 973**	**9 015**	**27 409**	**35 927**	**788**
Professional, technical, and kindred workers	**82 147**	**57 197**	**17 623**	**6 355**	**3 606**	**7 662**	**7 301**	**26**
Accountants	7 306	5 649	1 021	769	123	129	636	–
Architects	735	502	33	10	10	13	200	–
Computer specialists	3 084	2 196	883	762	65	56	5	–
Engineers	17 564	15 750	1 488	981	217	290	326	–
Aeronautical and astronautical	2 892	2 695	197	197	–	–	–	–
Civil	1 907	1 266	577	202	179	196	64	–
Electrical and electronic	3 840	3 689	121	89	4	28	30	–
Mechanical	2 172	2 003	103	92	4	7	66	–
Other engineers	6 753	6 097	490	401	30	59	166	–
Lawyers and judges	2 766	663	388	99	109	180	1 715	–
Life and physical scientists	1 774	1 516	239	187	32	20	19	–
Chemists	1 330	1 256	70	40	10	20	4	–
Physicians, dentists, and related practitioners	5 868	2 631	525	162	166	197	2 708	4
Dentists	878	90	38	14	4	20	750	–
Pharmacists	1 286	1 067	47	15	4	28	168	4
Physicians, medical and osteopathic	3 134	1 341	435	133	153	149	1 358	–
Other related practitioners	570	133	5	–	5	–	432	–
Health technologists and technicians	975	699	260	106	64	90	16	–
Religious workers	2 585	2 221	25	5	15	5	339	–
Social scientists	976	725	200	77	57	66	51	–
Social and recreation workers	1 133	379	738	81	366	291	11	5
Teachers	11 498	4 427	6 889	98	1 626	5 165	182	–
College and university	3 094	1 779	1 315	36	964	315	–	–
Elementary and prekindergarten	2 491	810	1 676	22	208	1 446	5	–
Secondary	5 124	1 372	3 752	21	407	3 324	–	–
Engineering and science technicians	9 148	7 438	1 648	1 348	100	200	57	5
Draftsmen and surveyors	4 876	3 584	1 258	1 025	57	176	29	5
Electrical and electronic engineering technicians	1 108	935	159	132	19	8	14	–
Technicians, except health, and engineering and science	1 193	738	430	263	65	102	25	–
Airplane pilots	319	304	10	10	–	–	5	–
Writers, artists, and entertainers	5 706	4 457	624	466	55	103	621	4
Other professional, technical, and kindred workers	9 836	7 206	2 232	941	536	755	390	8
Managers and administrators, except farm	**59 119**	**45 259**	**6 152**	**2 922**	**776**	**2 454**	**7 626**	**82**
Buyers, purchasing agents, and sales managers	9 219	8 489	406	334	25	47	324	–
School administrators	1 551	450	1 080	–	179	901	21	–
Specified managers and administrators, public administration	3 495	5	3 490	2 191	322	977	–	–
Other specified managers and administrators	9 525	7 916	502	220	98	184	1 077	30
Managers and administrators, n.e.c., salaried	29 073	28 399	674	177	152	345	–	–
Manufacturing	8 596	8 554	42	31	5	6	–	–
Wholesale and retail trade	9 400	9 356	44	29	–	15	–	–
Transportation, communications and other public utilities	3 051	2 951	100	15	–	85	–	–
All other industries	8 026	7 538	488	102	147	239	–	–
Managers and administrators, n.e.c., self-employed	6 256	–	–	–	–	–	6 204	52
Construction	987	–	–	–	–	–	973	14
Manufacturing	402	–	–	–	–	–	396	6
Wholesale and retail trade	3 225	–	–	–	–	–	3 209	16
All other industries	1 642	–	–	–	–	–	1 626	16
Sales workers	**40 233**	**35 507**	**336**	**136**	**68**	**132**	**4 310**	**80**
Insurance agents, brokers, and underwriters	4 867	4 181	15	9	6	–	671	–
Real estate agents and brokers	1 797	1 278	5	–	5	–	514	–
Sales representatives, manufacturing industries	5 304	5 092	11	6	–	5	201	–
Sales representatives, wholesale trade	8 687	7 897	5	–	–	5	785	–
Sales clerks, retail trade	8 417	7 389	54	25	22	7	948	56
Salesmen, retail trade	4 171	3 711	11	11	–	–	443	6
Salesmen of services and construction	2 295	2 085	81	22	15	44	124	5
Other sales workers	4 695	3 874	154	63	20	71	654	13
Clerical and kindred workers	**48 917**	**36 296**	**12 032**	**9 960**	**616**	**1 456**	**552**	**37**
Bank tellers and cashiers	1 968	1 869	93	12	14	67	6	–
Bookkeepers and billing clerks	3 222	2 766	328	239	32	57	117	11
Mail handlers and postal clerks	6 778	864	5 914	5 858	46	10	–	–
Other clerical and kindred workers	36 949	30 797	5 697	3 851	524	1 322	429	26
Craftsmen and kindred workers	**119 913**	**106 775**	**6 184**	**2 832**	**1 067**	**2 285**	**6 842**	**112**
Apparel craftsmen and upholsterers	847	651	12	–	6	6	184	–
Bakers	1 146	977	32	13	15	4	132	5
Cabinetmakers	519	462	–	–	–	–	57	–
Construction craftsmen	28 619	24 610	1 329	357	292	680	2 645	35
Carpenters	7 192	5 945	192	64	33	95	1 026	29
Excavating, grading, and road machine operators	2 055	1 598	342	32	96	214	115	–
Electricians	5 980	5 561	314	136	65	113	105	–
Masons and tile setters	1 741	1 554	23	5	–	18	164	–
Painters, construction and maintenance, and paperhangers	3 569	2 616	210	48	44	118	737	6
Plasterers and cement finishers	993	827	33	–	21	12	133	–
Plumbers and pipe fitters	5 147	4 682	197	57	33	107	268	–
Other construction craftsmen	1 942	1 827	18	15	–	3	97	–
Foremen, n.e.c.	18 751	17 647	930	458	120	352	168	6
Manufacturing	11 523	11 359	130	103	14	13	34	–
Nonmanufacturing industries	7 228	6 288	800	355	106	339	134	6
Linemen and servicemen, telephone and power	4 690	4 645	40	15	5	20	5	–
Locomotive engineers and firemen	1 125	1 109	16	16	–	–	–	–
Mechanics and repairmen	26 259	22 612	1 671	928	243	500	1 965	11
Air conditioning, heating, and refrigeration	1 381	1 050	83	59	10	14	248	–
Aircraft	1 835	1 559	265	233	32	–	11	–
Automobile, including body	10 004	8 444	439	170	110	159	1 116	5
Radio and television	1 533	1 160	111	50	11	50	262	–
Other mechanics and repairmen	11 506	10 399	773	416	80	277	328	6
Metal craftsmen, except mechanics	15 651	15 035	423	295	44	84	189	4
Machinists and job and die setters	5 915	5 754	113	70	–	43	48	–
Sheetmetal workers and tinsmiths	3 452	3 222	162	117	29	16	64	4
Tool and die makers	2 655	2 571	41	41	–	–	43	–
Other metal craftsmen	3 629	3 488	107	67	15	25	34	–
Printing craftsmen	4 809	4 434	268	207	27	34	102	5
Compositors and typesetters	1 742	1 584	83	53	18	12	70	5
Pressmen and plate printers, printing	2 162	2 007	138	114	9	15	17	–
Stationary engineers and power station operators	2 371	1 950	406	67	76	263	15	–
Other craftsmen and kindred workers	15 126	12 643	1 057	476	239	342	1 380	46

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ST. LOUIS, MO.–ILL., SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**80 079**	**76 368**	**2 556**	**1 304**	**369**	**883**	**1 111**	**44**
Assemblers	9 742	9 565	157	88	40	29	20	-
Checkers, examiners, and inspectors, manufacturing	4 451	4 323	122	80	5	37	6	-
Garage workers and gas station attendants	4 452	4 125	45	22	4	19	249	33
Laundry and drycleaning operatives, n.e.c	585	415	66	22	39	5	104	-
Meat cutters and butchers	3 898	3 628	50	22	-	28	215	5
Mine operatives, n.e.c	511	494	12	9	-	3	5	-
Packers and wrappers, except produce	2 766	2 640	121	97	11	13	5	-
Painters, manufactured articles	1 715	1 663	43	33	10	-	9	-
Precision machine operatives	3 596	3 539	37	32	-	5	20	-
Sawyers	347	347	-	-	-	-	-	-
Stationary firemen	1 001	742	259	48	22	189	-	-
Textile operatives	210	210	-	-	-	-	-	-
Welders and flamecutters	7 012	6 783	174	98	27	49	55	-
Other metalworking operatives	4 226	4 094	106	35	29	42	26	-
Other specified operatives	14 073	13 168	661	357	88	216	244	-
Miscellaneous and not specified operatives	21 494	20 632	703	361	94	248	153	6
Occupation:								
Machine operatives, miscellaneous specified	7 817	7 591	207	124	20	63	19	-
Machine operatives, not specified	5 344	5 187	138	81	17	40	19	-
Miscellaneous operatives	5 231	4 853	289	126	44	119	83	6
Not specified operatives	3 102	3 001	69	30	13	26	32	-
Industry:								
Manufacturing	18 340	17 905	379	217	63	99	50	6
Durable goods	10 843	10 513	290	188	46	56	40	-
Wood products, including furniture	301	274	16	5	11	-	11	-
Primary metal industries	2 401	2 370	31	12	10	9	-	-
Fabricated metal industries	1 840	1 803	32	11	8	13	5	-
Machinery, including electrical	1 984	1 979	5	-	-	5	-	-
Motor vehicles and equipment	1 121	1 117	4	4	-	-	-	-
Transportation equipment, except motor vehicles	1 200	1 070	130	120	-	10	-	-
Other durable goods	1 996	1 900	72	36	17	19	24	-
Nondurable goods	7 407	7 308	83	29	17	37	10	6
Food and kindred products	1 651	1 635	16	-	7	9	-	-
Apparel and other fabricated textile products	204	204	-	-	-	-	-	-
Paper and allied products	1 042	1 020	16	-	5	11	6	-
Chemicals and allied products	2 582	2 556	26	9	5	12	-	-
Other nondurable goods	1 928	1 893	25	20	-	5	4	6
Not specified manufacturing industries	90	84	6	-	-	6	-	-
Nonmanufacturing industries	3 154	2 727	324	144	31	149	103	-
Transportation, communications, and other public utilities	889	814	75	12	5	58	-	-
Wholesale and retail trade	1 275	1 206	28	8	6	14	41	-
All other industries	990	707	221	124	20	77	62	-
Transport equipment operatives	**34 854**	**31 450**	**1 921**	**604**	**356**	**961**	**1 433**	**50**
Bus drivers	1 826	1 418	392	48	93	251	16	-
Taxicab drivers and chauffeurs	2 189	1 903	103	22	42	39	183	-
Truck drivers and deliverymen	22 301	20 197	1 004	293	162	549	1 065	35
Other transport equipment operatives	8 538	7 932	422	241	59	122	169	15
Laborers, except farm	**35 551**	**31 587**	**3 197**	**1 061**	**406**	**1 730**	**722**	**45**
Construction laborers	5 045	4 294	747	29	230	488	4	-
Freight, stock, and material handlers	16 289	15 193	977	667	55	255	96	23
Other specified laborers	7 679	6 183	980	248	92	640	498	18
Miscellaneous and not specified laborers	6 538	5 917	493	117	29	347	124	4
Occupation:								
Miscellaneous laborers	2 016	1 701	248	21	15	212	67	-
Not specified laborers	4 522	4 216	245	96	14	135	57	4
Industry:								
Manufacturing	3 609	3 502	83	43	5	35	24	-
Durable goods	2 727	2 626	83	43	5	35	18	-
Wood products, including furniture	74	74	-	-	-	-	-	-
Metal industries	1 448	1 409	39	15	-	24	-	-
Machinery, including electrical	311	298	5	-	-	5	8	-
Transportation equipment	400	377	23	12	5	6	-	-
Other durable goods	494	468	16	16	-	-	10	-
Nondurable goods	862	856	-	-	-	-	6	-
Food and kindred products	397	397	-	-	-	-	-	-
Not specified manufacturing industries	20	20	-	-	-	-	-	-
Nonmanufacturing industries	2 929	2 415	410	74	24	312	100	4
Railroads and railway express service	521	484	37	13	4	20	-	-
Transportation, except railroads	199	189	10	-	-	10	-	-
Communications, and utilities and sanitary services	449	235	214	4	5	205	-	-
Wholesale and retail trade	974	902	-	-	-	-	68	4
All other industries	786	605	149	57	15	77	32	-
Farmers and farm managers	**4 233**	**232**	**17**	**17**	-	-	**3 972**	**12**
Farm laborers and farm foremen	**2 016**	**1 703**	**86**	**43**	**19**	**24**	**20**	**207**
Paid farm laborers and farm foremen	1 809	1 703	86	43	19	24	20	-
Unpaid family workers	207	-	-	-	-	-	-	207
Service workers, except private household[1]	**46 311**	**30 891**	**13 293**	**1 739**	**1 732**	**9 822**	**2 034**	**93**
Cleaning service workers	16 262	11 982	4 064	681	821	2 562	172	44
Food service workers	9 856	8 912	276	126	39	111	635	33
Cooks, except private household	2 997	2 733	142	65	22	55	111	11
Busboys and dishwashers	2 520	2 482	28	16	-	12	10	-
Health service workers	1 284	827	451	140	221	90	6	-
Personal service workers	4 237	2 778	320	106	58	156	1 139	-
Protective service workers	11 010	3 411	7 562	502	479	6 581	37	-
Firemen, fire protection	1 967	93	1 874	60	9	1 805	-	-
Guards and watchmen	3 979	3 113	850	266	95	489	16	-
Policemen and detectives	4 465	155	4 289	128	370	3 791	21	-
Private household workers	**340**	**336**	-	-	-	-	**4**	-

[1]Includes allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

ST. LOUIS, MO.–ILL., SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	**344 324**	**274 223**	**57 298**	**15 927**	**10 515**	**30 856**	**10 556**	**2 247**
Professional, technical, and kindred workers	**54 104**	**28 767**	**23 622**	**2 510**	**4 041**	**17 071**	**1 612**	**103**
Accountants	2 712	2 026	528	398	40	90	148	10
Computer specialists	841	562	273	233	19	21	6	–
Librarians	994	409	581	17	102	462	–	4
Mathematical specialists	101	86	11	11	–	–	4	–
Life and physical scientists	284	232	48	22	–	26	4	–
Registered nurses, dietitians, and therapists	10 006	7 811	1 937	314	507	1 116	205	53
Dietitians	456	361	86	11	47	28	–	9
Registered nurses	8 939	7 112	1 596	274	363	959	193	38
Health technologists and technicians	2 245	1 862	370	73	70	227	13	–
Social scientists	277	138	122	22	37	63	17	–
Social and recreation workers	2 270	600	1 665	143	970	552	5	–
Teachers: College and university	1 312	721	591	26	331	234	–	–
Elementary and prekindergarten	16 079	5 520	10 493	192	954	9 347	58	8
Secondary	5 362	1 615	3 747	9	309	3 429	–	–
Other teachers	1 479	630	275	29	85	161	564	10
Engineering and science technicians	1 114	785	325	295	16	14	4	–
Technicians, except health, and engineering and science	202	87	115	80	9	26	–	–
Writers, artists, and entertainers	2 253	1 793	214	98	36	80	237	9
Actors and dancers	21	21	–	–	–	–	–	–
Authors, editors, and reporters	518	413	75	42	19	14	30	–
Other professional, technical, and kindred workers	6 573	3 890	2 327	548	556	1 223	347	9
Managers and administrators, except farm	**10 480**	**7 043**	**1 566**	**698**	**199**	**669**	**1 658**	**213**
Buyers, purchasing agents, and sales managers	1 440	1 218	173	162	5	6	40	9
Restaurant, cafeteria, and bar managers	1 041	571	110	–	21	89	318	42
School administrators	658	390	245	–	65	180	23	–
Other specified managers and administrators	2 671	1 553	908	485	79	344	197	13
Managers and administrators, n.e.c., salaried	3 441	3 311	130	51	29	50	–	–
Wholesale and retail trade	1 241	1 231	10	10	–	–	–	–
Managers and administrators, n.e.c., self-employed	1 229	–	–	–	–	–	1 080	149
Wholesale and retail trade	706	–	–	–	–	–	614	92
Sales workers	**27 109**	**25 224**	**290**	**101**	**61**	**128**	**1 259**	**336**
Demonstrators, hucksters, and peddlers	1 337	1 141	–	–	–	–	196	–
Insurance, real estate agents, and brokers	1 752	1 558	4	–	–	4	180	10
Sales clerks, retail trade	18 581	17 616	125	74	5	46	614	226
Salesmen, retail trade	603	493	10	10	–	–	50	50
Other sales workers	4 836	4 416	151	17	56	78	219	50
Clerical and kindred workers	**133 563**	**109 361**	**22 019**	**11 140**	**3 398**	**7 481**	**1 180**	**1 003**
Bank tellers	2 412	2 277	135	92	19	24	–	–
Bookkeepers	13 660	11 987	977	505	79	393	392	304
Cashiers	9 222	8 526	494	84	137	273	137	65
Counter clerks, except food	2 496	2 378	53	20	14	19	32	33
Enumerators and interviewers	419	210	188	172	5	11	21	–
File clerks	4 517	3 332	1 147	746	136	265	12	26
Office machine operators	6 982	6 101	860	565	119	176	12	9
Bookkeeping and billing machine operators	922	873	44	18	10	16	5	–
Keypunch operators	3 907	3 323	577	413	56	108	7	–
Payroll and timekeeping clerks	1 403	1 228	175	103	19	53	–	–
Receptionists	3 243	2 896	281	39	93	149	12	54
Secretaries	31 926	26 881	4 649	1 801	874	1 974	111	285
Stenographers	1 801	1 156	626	400	105	121	19	–
Telephone operators	4 953	4 591	342	84	80	178	20	–
Typists	15 170	10 876	4 146	1 924	865	1 357	97	51
Other clerical and kindred workers	35 359	26 922	7 946	4 605	853	2 488	315	176
Craftsmen and kindred workers	**6 242**	**5 620**	**255**	**67**	**57**	**131**	**321**	**46**
Foremen, n.e.c.	1 494	1 431	53	5	16	32	10	–
Operatives, except transport	**38 412**	**36 819**	**864**	**281**	**206**	**377**	**644**	**85**
Assemblers	4 076	3 988	88	55	20	13	–	–
Bottling and canning operatives	117	117	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	3 348	3 284	64	28	–	36	–	–
Dressmakers and seamstresses, except factory	953	618	32	3	12	17	299	4
Laundry and drycleaning operatives, including ironers	2 972	2 746	141	16	49	76	62	23
Graders and sorters, manufacturing	95	95	–	–	–	–	–	–
Packers and wrappers, except produce	4 330	4 257	51	11	5	35	17	5
Sewers and stitchers	5 212	5 091	45	5	6	34	53	23
Textile operatives	332	321	–	–	–	–	11	–
Other specified operatives	8 744	8 459	163	82	25	56	104	18
Miscellaneous and not specified operatives	8 233	7 843	280	81	89	110	98	12
Manufacturing	7 084	6 860	157	52	44	61	61	6
Durable goods	3 161	3 017	108	37	33	38	30	6
Machinery, including electrical	1 250	1 233	6	6	–	–	11	–
Other durable goods	1 911	1 784	102	31	33	38	19	6
Nondurable goods, including not specified manufacturing	3 923	3 843	49	15	11	23	31	–
Food and kindred products	350	350	–	–	–	–	–	–
Apparel and other fabricated textile products	597	580	12	5	–	7	5	–
Nonmanufacturing industries	1 149	983	123	29	45	49	37	6
Transport equipment operatives	**1 492**	**1 034**	**400**	**3**	**67**	**330**	**42**	**16**
Laborers, except farm	**3 338**	**2 897**	**275**	**132**	**24**	**119**	**121**	**45**
Farmers and farm managers	**380**	**19**	–	–	–	–	**361**	–
Farm laborers and farm foremen	**461**	**321**	**10**	**10**	–	–	**5**	**125**
Paid farm laborers and farm foremen	336	321	10	10	–	–	5	–
Unpaid family workers	125	–	–	–	–	–	–	125
Service workers, except private household[1]	**57 774**	**46 217**	**7 993**	**981**	**2 462**	**4 550**	**3 289**	**275**
Cleaning service workers	7 109	6 085	935	199	263	473	49	40
Chambermaids and maids	1 920	1 713	184	12	55	117	12	11
Food service workers	21 202	17 802	2 710	187	586	1 937	537	153
Cooks, except private household	6 196	4 563	1 356	77	294	985	216	61
Waiters and food counter workers	10 680	10 027	411	54	128	229	192	50
Health service workers	13 978	11 513	2 327	299	1 049	979	108	30
Nursing aides, orderlies, and attendants	8 584	6 903	1 656	178	832	646	25	–
Practical nurses	2 524	2 069	366	73	80	213	83	6
Personal service workers	9 247	5 877	1 011	137	296	578	2 329	30
Hairdressers and cosmetologists	5 615	3 550	12	7	–	5	2 042	11
Private household workers	**10 969**	**10 901**	**4**	**4**	–	–	**64**	–
Private household workers, living in	660	660	–	–	–	–	–	–
Private household workers, living out	10 309	10 241	4	4	–	–	64	–

[1]Includes protective service workers and allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ST. LOUIS, MO.–ILL., SMSA—Continued								
Negro								
Male, 16 years old and over	**62 426**	**47 936**	**12 214**	**6 171**	**1 338**	**4 705**	**2 235**	**41**
Professional, technical, and kindred workers	**3 717**	**1 761**	**1 723**	**517**	**287**	**919**	**233**	**–**
Accountants	146	73	58	44	–	14	15	–
Architects	11	6	5	5	–	–	–	–
Computer specialists	115	34	81	76	–	5	–	–
Engineers	196	158	38	38	–	–	–	–
Aeronautical and astronautical	45	31	14	14	–	–	–	–
Civil	19	9	10	10	–	–	–	–
Electrical and electronic	38	38	–	–	–	–	–	–
Mechanical	29	24	5	5	–	–	–	–
Other engineers	65	56	9	9	–	–	–	–
Lawyers and judges	71	–	36	5	–	31	35	–
Life and physical scientists	77	62	15	15	–	–	–	–
Chemists	64	60	4	4	–	–	–	–
Physicians, dentists, and related practitioners	228	60	89	13	5	71	79	–
Dentists	16	6	–	–	–	–	10	–
Pharmacists	75	39	27	5	–	22	9	–
Physicians, medical and osteopathic	126	15	62	8	5	49	49	–
Other related practitioners	11	–	–	–	–	–	11	–
Health technologists and technicians	172	106	66	38	11	17	–	–
Religious workers	220	189	–	–	–	–	31	–
Social scientists	26	5	21	8	6	7	–	–
Social and recreation workers	226	92	134	26	45	63	–	–
Teachers	916	238	666	–	126	540	12	–
College and university	134	71	63	–	44	19	–	–
Elementary and prekindergarten	378	92	286	–	46	240	–	–
Secondary	353	63	290	–	20	270	–	–
Engineering and science technicians	387	270	117	112	5	–	–	–
Draftsmen and surveyors	207	115	92	87	5	–	–	–
Electrical and electronic engineering technicians	26	21	5	5	–	–	–	–
Technicians, except health, and engineering and science	42	11	25	7	6	12	6	–
Airplane pilots	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	212	136	54	38	–	16	22	–
Other professional, technical, and kindred workers	672	321	318	92	83	143	33	–
Managers and administrators, except farm	**1 919**	**991**	**527**	**160**	**82**	**285**	**395**	**6**
Buyers, purchasing agents, and sales managers	125	96	17	17	–	–	12	–
School administrators	198	47	151	–	37	114	–	–
Specified managers and administrators, public administration	226	–	226	111	8	107	–	–
Other specified managers and administrators	465	343	67	23	20	24	55	–
Managers and administrators, n.e.c., salaried	571	505	66	9	17	40	–	–
Manufacturing	89	89	–	–	–	–	–	–
Wholesale and retail trade	217	217	–	–	–	–	–	–
Transportation, communications and other public utilities	47	42	5	5	–	–	–	–
All other industries	218	157	61	4	17	40	–	–
Managers and administrators, n.e.c., self-employed	334	–	–	–	–	–	328	6
Construction	45	–	–	–	–	–	45	–
Manufacturing	17	–	–	–	–	–	11	6
Wholesale and retail trade	133	–	–	–	–	–	133	–
All other industries	139	–	–	–	–	–	139	–
Sales workers	**1 529**	**1 266**	**55**	**40**	**8**	**7**	**208**	**–**
Insurance agents, brokers, and underwriters	260	244	–	–	–	–	16	–
Real estate agents and brokers	34	29	–	–	–	–	5	–
Sales representatives, manufacturing industries	76	76	–	–	–	–	–	–
Sales representatives, wholesale trade	159	146	–	–	–	–	13	–
Sales clerks, retail trade	496	380	40	25	8	7	76	–
Salesmen, retail trade	169	133	6	6	–	–	30	–
Salesmen of services and construction	45	45	–	–	–	–	–	–
Other sales workers	290	213	9	9	–	–	68	–
Clerical and kindred workers	**6 060**	**3 226**	**2 807**	**2 505**	**96**	**206**	**27**	**–**
Bank tellers and cashiers	159	143	16	–	–	16	–	–
Bookkeepers and billing clerks	173	118	50	36	5	9	5	–
Mail handlers and postal clerks	1 758	93	1 665	1 665	–	–	–	–
Other clerical and kindred workers	3 970	2 872	1 076	804	91	181	22	–
Craftsmen and kindred workers	**7 692**	**6 244**	**961**	**520**	**149**	**292**	**482**	**5**
Apparel craftsmen and upholsterers	69	63	6	–	6	–	–	–
Bakers	121	114	7	7	–	–	–	–
Cabinetmakers	19	19	–	–	–	–	–	–
Construction craftsmen	1 467	1 110	142	49	14	79	210	5
Carpenters	145	107	18	–	3	15	15	5
Excavating, grading, and road machine operators	216	146	70	16	–	54	–	–
Electricians	229	203	19	15	–	4	7	–
Masons and tile setters	138	132	–	–	–	–	6	–
Painters, construction and maintenance, and paperhangers	397	270	18	13	5	–	109	–
Plasterers and cement finishers	73	58	6	–	6	–	9	–
Plumbers and pipe fitters	168	104	11	5	–	6	53	–
Other construction craftsmen	101	90	–	–	–	–	11	–
Foremen, n.e.c.	813	719	89	61	5	23	5	–
Manufacturing	499	489	10	5	5	–	–	–
Nonmanufacturing industries	314	230	79	56	–	23	5	–
Linemen and servicemen, telephone and power	193	188	–	–	–	–	5	–
Locomotive engineers and firemen	34	28	6	6	–	–	–	–
Mechanics and repairmen	1 862	1 487	277	156	48	73	98	–
Air conditioning, heating, and refrigeration	36	31	–	–	–	–	5	–
Aircraft	140	109	31	31	–	–	–	–
Automobile, including body	939	754	114	66	41	7	71	–
Radio and television	91	63	13	5	–	8	15	–
Other mechanics and repairmen	656	530	119	54	7	58	7	–
Metal craftsmen, except mechanics	1 194	1 044	150	97	34	19	–	–
Machinists and job and die setters	253	236	17	15	–	2	–	–
Sheetmetal workers and tinsmiths	381	311	70	45	19	6	–	–
Tool and die makers	43	30	13	13	–	–	–	–
Other metal craftsmen	517	467	50	24	15	11	–	–
Printing craftsmen	157	130	20	20	–	–	7	–
Compositors and typesetters	80	66	7	7	–	–	7	–
Pressmen and plate printers, printing	49	39	10	10	–	–	–	–
Stationary engineers and power station operators	143	103	34	5	12	17	6	–
Other craftsmen and kindred workers	1 620	1 239	230	119	30	81	151	–

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ST. LOUIS, MO.–ILL., SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**15 120**	**13 975**	**1 057**	**514**	**159**	**384**	**88**	**–**
Assemblers	2 003	1 893	104	66	22	16	6	–
Checkers, examiners, and inspectors, manufacturing	425	414	11	3	–	8	–	–
Garage workers and gas station attendants	564	538	15	8	–	7	11	–
Laundry and drycleaning operatives, n.e.c	207	170	25	–	20	5	12	–
Meat cutters and butchers	678	640	34	6	–	28	4	–
Mine operatives, n.e.c	64	61	3	–	–	3	–	–
Packers and wrappers, except produce	678	641	37	24	–	13	–	–
Painters, manufactured articles	400	378	22	17	5	–	–	–
Precision machine operatives	428	413	15	10	–	5	–	–
Sawyers	57	57	–	–	–	–	–	–
Stationary firemen	205	132	73	17	7	49	–	–
Textile operatives	55	55	–	–	–	–	–	–
Welders and flamecutters	1 125	1 046	74	34	16	24	5	–
Other metalworking operatives	828	766	49	16	15	18	13	–
Other specified operatives	3 375	3 056	305	159	40	106	14	–
Miscellaneous and not specified operatives	4 028	3 715	290	154	34	102	23	–
Occupation:								
Machine operatives, miscellaneous specified	1 512	1 392	120	64	12	44	–	–
Machine operatives, not specified	1 207	1 138	69	39	12	18	–	–
Miscellaneous operatives	845	745	82	40	10	32	18	–
Not specified operatives	464	440	19	11	–	8	5	–
Industry:								
Manufacturing	3 515	3 294	206	112	34	60	15	–
Durable goods	2 357	2 184	162	101	27	34	11	–
Wood products, including furniture	26	26	–	–	–	–	–	–
Primary metal industries	701	682	19	4	10	5	–	–
Fabricated metal industries	319	307	12	6	–	6	–	–
Machinery, including electrical	242	237	5	–	–	5	–	–
Motor vehicles and equipment	318	314	4	4	–	–	–	–
Transportation equipment, except motor vehicles	348	279	69	64	–	5	–	–
Other durable goods	403	339	53	23	17	13	11	–
Nondurable goods	1 136	1 094	38	11	7	20	4	–
Food and kindred products	258	242	16	–	7	9	–	–
Apparel and other fabricated textile products	42	42	–	–	–	–	–	–
Paper and allied products	133	127	6	–	–	6	–	–
Chemicals and allied products	440	431	9	4	–	5	–	–
Other nondurable goods	263	252	7	7	–	–	4	–
Not specified manufacturing industries	22	16	6	–	–	6	–	–
Nonmanufacturing industries	513	421	84	42	–	42	8	–
Transportation, communications, and other public utilities	111	94	17	–	–	17	–	–
Wholesale and retail trade	250	232	10	3	–	7	8	–
All other industries	152	95	57	39	–	18	–	–
Transport equipment operatives	**5 537**	**4 480**	**683**	**288**	**114**	**281**	**370**	**4**
Bus drivers	364	307	57	9	25	23	–	–
Taxicab drivers and chauffeurs	677	575	62	13	24	25	40	–
Truck drivers and deliverymen	2 699	2 072	379	156	33	190	248	–
Other transport equipment operatives	1 797	1 526	185	110	32	43	82	4
Laborers, except farm	**8 231**	**6 731**	**1 398**	**669**	**68**	**661**	**96**	**6**
Construction laborers	1 078	921	157	20	26	111	–	–
Freight, stock, and material handlers	2 857	2 244	591	425	22	144	16	6
Other specified laborers	2 307	1 842	404	164	6	234	61	–
Miscellaneous and not specified laborers	1 989	1 724	246	60	14	172	19	–
Occupation:								
Miscellaneous laborers	641	497	140	9	9	122	4	–
Not specified laborers	1 348	1 227	106	51	5	50	15	–
Industry:								
Manufacturing	1 125	1 074	40	9	5	26	11	–
Durable goods	882	837	40	9	5	26	5	–
Wood products, including furniture	17	17	–	–	–	–	–	–
Metal industries	538	512	26	5	–	21	–	–
Machinery, including electrical	64	59	5	–	–	5	–	–
Transportation equipment	137	132	5	–	5	–	–	–
Other durable goods	126	117	4	4	–	–	5	–
Nondurable goods	238	232	–	–	–	–	6	–
Food and kindred products	119	119	–	–	–	–	–	–
Not specified manufacturing industries	5	5	–	–	–	–	–	–
Nonmanufacturing industries	864	650	206	51	9	146	8	–
Railroads and railway express service	229	208	21	8	4	9	–	–
Transportation, except railroads	32	32	–	–	–	–	–	–
Communications, and utilities and sanitary services	181	49	132	4	5	123	–	–
Wholesale and retail trade	254	250	–	–	–	–	4	–
All other industries	168	111	53	39	–	14	4	–
Farmers and farm managers	**91**	**4**	**6**	**6**	**–**	**–**	**72**	**9**
Farm laborers and farm foremen	**422**	**388**	**20**	**14**	**–**	**6**	**9**	**5**
Paid farm laborers and farm foremen	417	388	20	14	–	6	9	–
Unpaid family workers	5	–	–	–	–	–	–	5
Service workers, except private household[1]	**11 933**	**8 699**	**2 977**	**938**	**375**	**1 664**	**251**	**6**
Cleaning service workers	5 868	4 507	1 321	430	140	751	40	–
Food service workers	1 791	1 666	98	54	8	36	27	–
Cooks, except private household	671	598	60	21	8	31	13	–
Busboys and dishwashers	441	436	5	5	–	–	–	–
Health service workers	506	221	285	122	113	50	–	–
Personal service workers	849	544	127	73	7	47	178	–
Protective service workers	1 270	374	896	131	67	698	–	–
Firemen, fire protection	93	–	93	–	–	93	–	–
Guards and watchmen	674	358	316	125	43	148	–	–
Policemen and detectives	441	6	435	–	24	411	–	–
Private household workers	**175**	**171**	**–**	**–**	**–**	**–**	**4**	**–**

[1]Includes allocated cases not shown separately.

Table 173. **Occupation of Employed Persons by Class of Worker, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For meaning of symbols, see text]

The State
Standard Metropolitan Statistical Areas of 250,000 or More

ST. LOUIS, MO.–ILL., SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	**56 309**	**40 322**	**14 696**	**4 947**	**3 128**	**6 621**	**1 207**	**84**
Professional, technical, and kindred workers	**7 402**	**2 610**	**4 683**	**615**	**997**	**3 071**	**109**	**–**
Accountants	161	78	78	60	–	18	5	–
Computer specialists	57	19	38	38	–	–	–	–
Librarians	116	48	68	4	21	43	–	–
Mathematical specialists	3	3	–	–	–	–	–	–
Life and physical scientists	16	11	5	–	–	5	–	–
Registered nurses, dietitians, and therapists	1 572	888	647	112	162	373	37	–
Dietitians	124	90	34	11	13	10	–	–
Registered nurses	1 376	770	569	94	128	347	37	–
Health technologists and technicians	515	327	175	29	34	112	13	–
Social scientists	9	4	5	–	–	5	–	–
Social and recreation workers	579	83	496	90	280	126	–	–
Teachers: College and university	115	27	88	10	49	29	–	–
Elementary and prekindergarten	2 397	482	1 915	89	158	1 668	–	–
Secondary	526	80	446	–	71	375	–	–
Other teachers	148	58	72	7	24	41	18	–
Engineering and science technicians	148	70	78	68	10	–	–	–
Technicians, except health, and engineering and science	36	22	14	14	–	–	–	–
Writers, artists, and entertainers	105	71	29	9	5	15	5	–
Actors and dancers	6	6	–	–	–	–	–	–
Authors, editors, and reporters	9	5	4	–	–	4	–	–
Other professional, technical, and kindred workers	899	339	529	85	183	261	31	–
Managers and administrators, except farm	**654**	**254**	**278**	**103**	**29**	**146**	**115**	**7**
Buyers, purchasing agents, and sales managers	86	37	49	49	–	–	–	–
Restaurant, cafeteria, and bar managers	66	20	12	–	6	6	31	3
School administrators	91	8	83	–	11	72	–	–
Other specified managers and administrators	260	117	127	54	5	68	16	–
Managers and administrators, n.e.c., salaried	79	72	7	–	7	–	–	–
Wholesale and retail trade	24	24	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	72	–	–	–	–	–	68	4
Wholesale and retail trade	28	–	–	–	–	–	24	4
Sales workers	**1 634**	**1 514**	**14**	**–**	**6**	**8**	**81**	**25**
Demonstrators, hucksters, and peddlers	26	26	–	–	–	–	–	–
Insurance, real estate agents, and brokers	39	32	–	–	–	–	7	–
Sales clerks, retail trade	1 192	1 104	5	–	–	5	68	15
Salesmen, retail trade	9	9	–	–	–	–	–	–
Other sales workers	368	343	9	–	6	3	6	10
Clerical and kindred workers	**12 965**	**7 363**	**5 511**	**3 426**	**707**	**1 378**	**61**	**30**
Bank tellers	102	98	4	4	–	–	–	–
Bookkeepers	620	379	217	135	15	67	20	4
Cashiers	839	757	35	16	9	10	29	18
Counter clerks, except food	267	254	13	3	5	5	–	–
Enumerators and interviewers	42	6	36	36	–	–	–	–
File clerks	936	373	559	416	35	108	–	4
Office machine operators	841	517	324	247	41	36	–	–
Bookkeeping and billing machine operators	52	45	7	7	–	–	–	–
Keypunch operators	607	364	243	192	36	15	–	–
Payroll and timekeeping clerks	46	18	28	28	–	–	–	–
Receptionists	222	178	44	–	11	33	–	–
Secretaries	1 179	741	438	155	81	202	–	–
Stenographers	94	53	41	16	16	9	–	–
Telephone operators	833	733	94	27	15	52	6	–
Typists	2 131	934	1 191	530	292	369	6	–
Other clerical and kindred workers	4 813	2 322	2 487	1 813	187	487	–	4
Craftsmen and kindred workers	**794**	**623**	**79**	**21**	**25**	**33**	**92**	**–**
Foremen, n.e.c.	145	123	22	–	11	11	–	–
Operatives, except transport	**7 132**	**6 705**	**362**	**130**	**71**	**161**	**60**	**5**
Assemblers	342	313	29	21	8	–	–	–
Bottling and canning operatives	26	26	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	244	234	10	10	–	–	–	–
Dressmakers and seamstresses, except factory	130	87	20	3	–	17	23	–
Laundry and drycleaning operatives, including ironers	1 652	1 551	84	8	30	46	17	–
Graders and sorters, manufacturing	26	26	–	–	–	–	–	–
Packers and wrappers, except produce	669	653	16	6	–	10	–	–
Sewers and stitchers	889	859	20	5	–	15	5	5
Textile operatives	75	75	–	–	–	–	–	–
Other specified operatives	1 817	1 718	84	42	11	31	15	–
Miscellaneous and not specified operatives	1 262	1 163	99	35	22	42	–	–
Manufacturing	957	898	59	16	18	25	–	–
Durable goods	376	335	41	16	12	13	–	–
Machinery, including electrical	113	113	–	–	–	–	–	–
Other durable goods	263	222	41	16	12	13	–	–
Nondurable goods, including not specified manufacturing	581	563	18	–	6	12	–	–
Food and kindred products	50	50	–	–	–	–	–	–
Apparel and other fabricated textile products	152	152	–	–	–	–	–	–
Nonmanufacturing industries	305	265	40	19	4	17	–	–
Transport equipment operatives	**145**	**114**	**26**	**3**	**6**	**17**	**5**	**–**
Laborers, except farm	**859**	**725**	**129**	**69**	**6**	**54**	**5**	**–**
Farmers and farm managers	**63**	**–**	**–**	**–**	**–**	**–**	**63**	**–**
Farm laborers and farm foremen	**168**	**163**	**–**	**–**	**–**	**–**	**5**	**–**
Paid farm laborers and farm foremen	168	163	–	–	–	–	5	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**17 589**	**13 355**	**3 610**	**576**	**1 281**	**1 753**	**607**	**17**
Cleaning service workers	3 594	2 974	591	133	163	295	24	5
Chambermaids and maids	1 191	1 047	132	12	43	77	12	–
Food service workers	3 833	3 244	530	78	99	353	53	6
Cooks, except private household	1 624	1 387	195	41	30	124	42	–
Waiters and food counter workers	950	884	60	11	20	29	6	–
Health service workers	6 016	4 338	1 627	212	733	682	45	6
Nursing aides, orderlies, and attendants	4 329	3 135	1 183	131	607	445	11	–
Practical nurses	1 167	854	273	49	64	160	34	6
Personal service workers	1 773	945	449	66	135	248	379	–
Hairdressers and cosmetologists	748	400	7	7	–	–	341	–
Private household workers	**6 904**	**6 896**	**4**	**4**	**–**	**–**	**4**	**–**
Private household workers, living in	132	132	–	–	–	–	–	–
Private household workers, living out	6 772	6 764	4	4	–	–	4	–

[1]Includes protective service workers and allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE													
Total													
Male employed	**29 770**	**2 743 446**	**73 557**	**95 049**	**274 629**	**325 624**	**287 127**	**578 504**	**574 635**	**240 652**	**172 886**	**120 783**	**40.5**
Professional, technical, and kindred workers	**377**	**381 554**	**1 265**	**4 562**	**44 864**	**69 426**	**52 063**	**87 214**	**67 508**	**23 669**	**17 660**	**13 323**	**37.1**
Accountants	19	33 358	39	148	3 821	6 190	4 183	7 005	6 224	2 261	2 107	1 380	38.3
Architects	8	3 289	–	10	217	493	489	957	573	170	166	214	39.6
Computer specialists	–	12 416	9	170	2 229	4 135	2 560	2 336	689	197	70	21	29.6
Engineers	15	66 395	16	154	4 268	9 962	9 138	18 103	15 691	4 622	2 841	1 600	40.3
Aeronautical and astronautical	–	450	–	5	23	91	67	154	82	16	6	6	37.5
Civil	–	8 965	6	48	601	1 226	1 324	2 374	1 891	548	546	401	40.4
Electrical and electronic	5	14 600	4	26	1 075	2 340	2 160	4 265	3 142	788	595	205	39.0
Mechanical	4	10 244	–	4	555	1 327	1 187	3 015	2 727	824	412	193	41.8
Other engineers	6	32 136	6	71	2 014	4 978	4 400	8 295	7 849	2 446	1 282	795	40.5
Lawyers and judges	–	15 849	9	15	201	2 189	1 927	4 008	2 814	1 535	1 393	1 758	43.9
Life and physical scientists	–	9 159	8	47	666	1 764	1 344	2 364	1 869	574	376	147	38.2
Chemists	–	6 725	4	13	525	1 269	898	1 748	1 399	467	287	115	38.7
Physicians, dentists, and related practitioners	12	26 800	23	88	886	2 961	2 919	6 208	6 021	2 596	2 408	2 690	45.5
Dentists	–	4 907	–	–	12	334	451	1 067	1 124	526	617	776	50.2
Pharmacists	12	5 776	23	72	553	902	533	1 144	887	598	543	521	42.0
Physicians, medical and osteopathic	–	12 827	–	13	237	1 448	1 652	3 185	2 841	1 198	1 072	1 181	44.6
Other related practitioners	–	3 290	–	3	84	277	283	812	1 169	274	176	212	46.6
Health technologists and technicians	–	4 111	32	162	925	813	575	672	611	172	76	73	31.1
Religious workers	31	11 544	14	59	465	1 108	1 339	3 136	2 320	1 179	988	936	43.9
Social scientists	–	5 377	–	5	399	1 349	930	1 351	803	252	174	114	35.0
Social and recreation workers	33	5 465	135	209	917	986	638	1 095	787	332	211	155	33.8
Teachers	73	63 202	203	405	11 190	14 929	9 830	13 426	7 713	2 654	1 776	1 076	32.5
College and university	9	18 909	–	117	2 098	3 667	3 269	4 670	3 030	1 018	606	434	35.6
Elementary and prekindergarten	26	12 598	28	30	3 295	3 398	1 540	2 150	1 277	422	310	148	29.3
Secondary	20	28 306	26	41	5 408	7 388	4 586	5 906	2 914	975	748	314	31.4
Engineering and science technicians	32	34 619	253	1 423	7 349	6 744	4 167	6 292	5 004	1 682	1 166	539	31.8
Draftsmen and surveyors	23	18 053	195	867	3 992	3 510	2 109	3 217	2 422	780	603	358	31.1
Electrical and electronic engineering technicians	4	5 304	4	81	1 143	1 203	756	951	770	241	133	22	31.5
Technicians, except health, and engineering and science	4	6 437	9	44	608	1 242	1 185	1 685	1 219	237	137	71	35.8
Airplane pilots	–	2 789	–	–	75	561	661	889	552	36	9	6	36.1
Writers, artists, and entertainers	105	31 194	349	767	3 673	4 776	3 722	6 938	5 957	2 136	1 622	1 254	38.3
Other professional, technical, and kindred workers	45	52 339	166	856	7 050	9 785	7 117	11 638	9 213	3 070	2 149	1 295	36.0
Managers and administrators, except farm	**204**	**282 326**	**422**	**1 212**	**12 122**	**26 782**	**31 108**	**75 005**	**73 833**	**28 716**	**19 335**	**13 791**	**44.3**
Buyers, purchasing agents, and sales managers	5	44 709	65	224	2 194	4 863	5 547	12 472	11 726	4 095	2 386	1 137	42.6
School administrators	3	7 830	–	10	151	507	1 144	2 862	1 797	745	465	149	42.3
Specified managers and administrators, public administration	–	13 614	–	20	358	634	897	2 735	4 169	1 918	1 517	1 366	50.2
Other specified managers and administrators	93	50 812	116	357	3 677	6 075	5 825	12 185	11 457	4 801	3 676	2 643	42.7
Managers and administrators, n.e.c., salaried	89	136 862	224	589	5 327	12 991	15 406	38 101	36 573	13 463	8 579	5 609	43.9
Manufacturing	59	44 769	34	55	1 114	3 432	4 573	12 541	13 624	4 906	2 894	1 596	45.5
Wholesale and retail trade	15	39 524	103	327	2 495	4 925	4 714	9 881	9 476	3 563	2 360	1 680	42.3
Transportation, communications, and other public utilities	–	13 305	5	39	389	1 264	1 450	3 724	3 671	1 433	997	333	44.4
All other industries	15	39 264	82	168	1 329	3 370	4 669	11 955	9 802	3 561	2 328	2 000	43.4
Managers and administrators, n.e.c., self-employed	14	28 499	17	12	415	1 712	2 289	6 650	8 111	3 694	2 712	2 887	48.9
Construction	–	4 781	–	–	47	296	489	1 599	1 424	394	288	244	44.7
Manufacturing	–	2 510	–	–	25	116	196	468	750	335	256	364	51.0
Wholesale and retail trade	4	14 673	17	8	232	993	1 195	3 055	3 974	2 107	1 585	1 507	49.6
All other industries	10	6 535	–	4	111	307	409	1 528	1 963	858	583	772	49.6
Sales workers	**7 894**	**195 120**	**6 539**	**5 865**	**16 022**	**22 682**	**19 437**	**42 519**	**41 311**	**16 440**	**11 805**	**12 500**	**41.4**
Insurance agents, brokers, and underwriters	69	23 430	11	43	1 742	3 052	2 706	6 553	5 088	1 704	1 276	1 255	41.3
Real estate agents and brokers	–	7 934	31	17	205	492	612	1 685	2 167	870	819	1 036	49.3
Sales representatives, manufacturing industries	36	29 178	64	52	1 658	4 368	3 639	7 761	6 622	2 331	1 572	1 111	41.2
Sales representatives, wholesale trade	24	35 329	152	273	2 328	4 681	3 941	8 213	8 492	3 173	2 073	2 003	42.7
Sales clerks, retail trade	846	43 548	4 188	3 684	5 338	3 733	3 047	6 326	7 217	3 772	2 841	3 402	37.8
Salesmen, retail trade	42	20 805	274	593	1 717	1 932	1 797	4 527	5 055	1 982	1 431	1 497	44.0
Salesmen of services and construction	46	9 891	183	164	738	1 155	948	2 477	2 300	894	521	511	42.1
Other sales workers	6 831	25 005	1 636	1 039	2 296	3 269	2 747	4 977	4 370	1 714	1 272	1 685	38.0
Clerical and kindred workers	**1 541**	**230 492**	**6 175**	**12 184**	**33 683**	**28 028**	**21 098**	**40 002**	**44 541**	**19 663**	**14 562**	**10 556**	**38.5**
Bank tellers and cashiers	210	7 769	828	723	1 418	821	472	850	1 000	554	527	576	31.0
Bookkeepers and billing clerks	23	19 657	157	512	2 659	2 482	1 861	3 310	3 537	1 786	1 789	1 564	41.5
Mail handlers and postal clerks	67	30 488	571	1 540	3 287	2 627	2 571	6 228	8 422	2 895	1 602	745	42.5
Other clerical and kindred workers	1 241	172 578	4 619	9 409	26 319	22 098	16 194	29 614	31 582	14 428	10 644	7 671	37.6
Craftsmen and kindred workers	**822**	**585 804**	**3 759**	**12 160**	**49 640**	**67 740**	**65 038**	**136 323**	**138 618**	**56 002**	**38 290**	**18 234**	**41.9**
Apparel craftsmen and upholsterers	9	4 804	15	70	262	367	514	827	966	480	615	688	48.6
Bakers	29	5 044	47	129	278	338	560	1 150	1 121	678	501	242	45.2
Cabinetmakers	–	2 786	34	95	232	229	231	552	553	321	276	263	45.4
Construction craftsmen	134	139 350	612	2 285	11 246	15 259	15 581	35 098	33 187	12 484	8 956	4 642	42.0
Carpenters	21	38 779	159	629	2 898	3 897	4 197	9 648	9 711	3 377	2 557	1 706	42.9
Excavating, grading, and road machine operators	24	10 468	34	134	828	1 095	1 306	2 841	2 378	987	666	199	41.5
Electricians	6	28 187	60	319	2 589	3 622	3 457	6 897	6 487	2 450	1 715	591	40.9
Masons and tile setters	17	10 369	24	165	833	1 014	1 194	3 271	2 407	649	528	284	41.0
Painters, construction and maintenance, and paperhangers	43	16 447	235	458	1 038	1 679	1 619	3 446	3 573	1 855	1 589	955	44.3
Plasterers and cement finishers	–	4 389	9	107	338	416	484	1 289	1 114	342	137	153	41.5
Plumbers and pipe fitters	7	22 617	55	322	1 965	2 464	2 189	5 575	5 797	2 223	1 434	593	42.7
Other construction craftsmen	16	8 094	36	151	757	1 072	1 135	2 131	1 720	601	330	161	39.2
Foremen, n.e.c.	3	88 120	98	261	2 792	8 349	10 333	23 006	25 213	10 250	6 000	1 818	44.7
Manufacturing	–	58 063	50	119	1 734	5 737	7 026	15 015	16 843	6 919	3 724	896	44.6
Nonmanufacturing industries	3	30 057	48	142	1 058	2 612	3 307	7 991	8 370	3 331	2 276	922	44.8
Linemen and servicemen, telephone and power	13	19 923	36	796	3 558	3 610	2 903	4 825	2 911	663	527	94	33.4
Locomotive engineers and firemen	–	4 760	7	22	215	306	359	1 090	1 508	573	454	226	47.5
Mechanics and repairmen	158	124 777	1 631	3 931	12 854	17 127	14 319	27 776	26 767	10 384	6 943	3 045	39.5
Air conditioning, heating, and refrigeration	12	5 637	12	89	437	815	625	1 373	1 358	526	272	130	41.1
Aircraft	–	2 782	7	28	371	603	516	636	472	106	37	6	33.7
Automobile, including body	69	44 396	882	2 139	5 698	6 136	5 082	9 636	8 540	3 185	2 168	930	37.3
Radio and television	13	7 061	142	222	794	1 084	811	1 709	1 411	478	277	133	37.8
Other mechanics and repairmen	64	64 901	588	1 453	5 554	8 489	7 285	14 422	14 986	6 089	4 189	1 846	41.3
Metal craftsmen, except mechanics	19	78 192	234	1 438	6 884	8 654	8 058	16 788	20 465	8 742	5 129	1 800	43.2
Machinists and job and die setters	5	32 625	99	590	2 965	3 570	3 579	6 695	8 323	3 866	2 135	803	43.2
Sheetmetal workers and tinsmiths	9	9 025	47	215	917	1 037	1 177	2 146	2 146	748	435	157	40.2
Tool and die makers	5	17 186	38	356	1 706	1 978	1 526	3 523	4 747	1 748	1 157	407	43.5
Other metal craftsmen	–	19 356	50	277	1 296	2 069	1 776	4 424	5 249	2 380	1 402	433	44.5
Printing craftsmen	45	30 435	345	1 160	3 377	4 048	3 370	6 703	5 747	2 684	2 010	991	39.4
Compositors and typesetters	26	10 520	173	456	1 203	1 367	1 095	2 110	1 765	1 132	770	449	39.6
Pressmen and plate printers, printing	10	14 647	149	561	1 745	2 062	1 685	3 238	2 888	1 110	840	369	38.5
Stationary engineers and power station operators	4	12 779	27	79	511	807	934	2 734	3 656	1 700	1 598	733	48.5
Other craftsmen and kindred workers	408	74 834	673	1 894	7 431	8 646	7 876	15 774	16 524	7 043	5 281	3 692	41.9

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued												
Total—Continued												
Male employed—Continued												
Operatives, except transport	**2 451**	**398 374**	**10 878**	**20 847**	**49 505**	**50 121**	**41 674**	**77 705**	**79 472**	**34 939**	**23 453**	**9 780**	**38.4**
Assemblers	81	34 779	674	1 903	5 587	5 219	3 477	6 380	6 443	2 545	1 916	635	35.8
Checkers, examiners, and inspectors; manufacturing	26	27 830	127	601	2 979	3 544	2 846	5 492	6 680	2 977	2 032	552	42.0
Garage workers and gas station attendants	558	19 968	4 675	4 189	2 774	1 428	1 229	2 062	1 722	737	610	542	22.0
Laundry and drycleaning operatives, n.e.c	34	3 513	193	221	254	258	310	611	610	445	271	340	43.5
Meat cutters and butchers	28	16 603	253	608	1 766	2 307	1 987	3 181	3 173	1 609	1 063	656	39.3
Mine operatives, n.e.c	13	4 905	27	113	455	535	498	1 059	1 232	565	320	101	42.8
Packers and wrappers, except produce	215	15 613	968	1 544	2 486	1 668	1 481	2 539	2 453	1 250	756	468	33.9
Painters, manufactured articles	5	6 402	113	314	836	824	662	1 424	1 180	664	277	108	38.2
Precision machine operatives	26	31 960	266	1 052	3 484	4 113	3 273	5 899	7 626	3 545	2 032	670	41.4
Sawyers	5	2 210	16	99	274	231	164	378	495	261	190	102	43.5
Stationary firemen	–	5 385	12	46	301	565	432	1 261	1 328	680	555	205	45.6
Textile operatives	5	746	19	22	48	41	97	174	124	107	89	25	43.4
Welders and flamecutters	32	31 952	129	843	3 284	4 623	3 811	7 531	7 076	2 752	1 439	464	39.4
Other metalworking operatives	24	25 453	321	868	2 644	3 016	2 915	5 305	5 654	2 407	1 812	511	40.6
Other specified operatives	1 024	64 853	1 279	3 049	7 947	7 964	7 162	12 698	12 534	5 416	4 372	2 432	39.0
Miscellaneous and not specified operatives	375	106 202	1 806	5 375	14 386	13 785	11 330	21 711	21 142	8 979	5 719	1 969	38.0
Occupation:													
Machine operatives, miscellaneous specified	97	43 025	426	2 085	5 712	5 445	4 487	9 340	8 974	3 527	2 309	720	38.6
Machine operatives, not specified	65	27 248	272	1 048	3 758	3 785	3 111	5 798	5 279	2 396	1 354	447	37.8
Miscellaneous operatives	170	23 361	823	1 714	3 426	2 991	2 423	4 141	4 133	1 996	1 212	502	35.7
Not specified operatives	43	12 568	285	528	1 490	1 564	1 309	2 432	2 756	1 060	844	300	39.6
Industry:													
Manufacturing	196	92 855	1 158	4 378	12 525	12 190	10 027	19 277	18 730	7 993	5 019	1 558	38.2
Durable goods	83	57 551	605	2 475	7 485	7 137	6 120	12 149	11 912	5 310	3 365	993	39.1
Wood products, including furniture	6	2 160	17	114	256	204	178	418	466	201	222	84	42.4
Primary metal industries	10	13 163	75	507	1 490	1 490	1 531	2 906	3 047	1 174	813	130	40.1
Fabricated metal industries	5	8 820	141	365	1 200	1 045	834	1 865	1 859	866	479	166	39.4
Machinery, including electrical	28	21 148	224	915	2 961	2 948	2 140	4 398	4 166	1 909	1 084	403	38.2
Motor vehicles and equipment	–	1 894	4	81	246	297	240	392	327	175	107	25	37.0
Transportation equipment, except motor vehicles	–	1 082	19	34	154	163	133	179	221	87	70	22	37.1
Other durable goods	34	9 284	125	459	1 178	990	1 064	1 991	1 826	898	590	163	39.1
Nondurable goods	113	34 373	524	1 862	4 901	4 920	3 800	6 932	6 658	2 621	1 620	535	36.7
Food and kindred products	21	10 054	153	360	1 140	1 229	1 108	2 162	2 207	939	578	178	39.8
Apparel and other fabricated textile products	–	505	26	77	109	42	38	74	58	34	20	27	29.8
Paper and allied products	14	5 248	76	393	816	684	610	1 088	915	381	214	71	35.4
Chemicals and allied products	13	5 649	35	219	682	928	684	1 282	1 074	442	241	62	37.2
Other nondurable goods	65	12 917	234	813	2 154	2 037	1 360	2 326	2 404	825	567	197	34.5
Not specified manufacturing industries	–	931	29	41	139	133	107	196	160	62	34	30	35.8
Nonmanufacturing industries	179	13 347	648	997	1 861	1 595	1 303	2 434	2 412	986	700	411	36.1
Transportation, communications, and other public utilities	5	3 886	54	221	635	648	502	677	637	243	198	71	33.8
Wholesale and retail trade	119	4 739	438	398	588	457	374	824	883	287	305	185	36.4
All other industries	55	4 722	156	378	638	490	427	933	892	456	197	155	37.9
Transport equipment operatives	**684**	**169 757**	**2 293**	**5 225**	**17 364**	**20 293**	**19 913**	**39 670**	**36 988**	**14 504**	**8 689**	**4 818**	**40.0**
Bus drivers	–	10 781	16	44	1 182	1 660	1 161	1 977	1 993	1 215	978	555	41.7
Taxicab drivers and chauffeurs	6	9 631	36	174	1 171	893	802	1 807	2 362	893	856	637	44.6
Truck drivers and deliverymen	447	110 166	1 766	3 339	10 128	12 680	13 400	27 734	24 759	9 179	4 890	2 291	40.0
Other transport equipment operatives	231	39 179	475	1 668	4 883	5 060	4 550	8 152	7 874	3 217	1 965	1 335	38.6
Laborers, except farm	**4 774**	**171 758**	**19 777**	**17 678**	**24 730**	**16 054**	**13 405**	**26 421**	**27 036**	**12 098**	**8 639**	**5 920**	**32.8**
Construction laborers	113	25 583	546	1 225	3 461	2 926	2 432	5 089	5 077	2 375	1 587	865	39.3
Freight, stock, and material handlers	2 351	81 161	14 956	11 461	12 560	7 266	5 600	10 409	10 458	4 199	2 729	1 523	26.1
Other specified laborers	1 792	35 646	2 980	2 896	4 626	3 124	2 815	5 769	5 821	2 926	2 309	2 380	37.4
Miscellaneous and not specified laborers	518	29 368	1 295	2 096	4 083	2 738	2 558	5 154	5 680	2 598	2 014	1 152	38.7
Occupation:													
Miscellaneous laborers	155	10 600	207	426	1 225	1 103	982	2 085	2 207	1 138	869	358	41.5
Not specified laborers	363	18 768	1 088	1 670	2 858	1 635	1 576	3 069	3 473	1 460	1 145	794	36.8
Industry:													
Manufacturing	84	16 337	372	1 230	2 461	1 772	1 681	3 086	3 109	1 329	957	340	37.1
Durable goods	17	11 977	225	859	1 783	1 305	1 283	2 272	2 318	973	720	239	37.3
Wood products, including furniture	–	413	26	47	85	34	41	54	56	28	30	12	31.8
Metal industries	5	6 994	58	438	994	807	788	1 404	1 414	502	477	112	37.9
Machinery, including electrical	8	2 416	61	237	428	249	229	386	405	263	89	69	35.1
Transportation equipment	4	636	5	43	99	55	57	139	139	44	45	10	39.2
Other durable goods	–	1 518	75	94	177	160	168	289	304	136	79	36	37.9
Nondurable goods	67	4 168	144	367	662	456	373	792	718	336	232	88	36.0
Food and kindred products	29	2 064	56	185	245	233	192	417	382	172	139	43	37.9
Not specified manufacturing industries	–	192	3	4	16	11	25	22	73	20	5	13	47.1
Nonmanufacturing industries	434	13 031	923	866	1 622	966	877	2 068	2 571	1 269	1 057	812	41.1
Railroads and railway express service	–	2 647	25	76	338	228	224	452	524	355	313	112	44.6
Transportation, except railroads	–	793	37	40	134	75	53	152	154	85	42	21	38.8
Communications, and utilities and sanitary services	23	2 057	35	56	200	176	171	396	518	258	164	83	44.9
Wholesale and retail trade	140	3 682	506	446	497	231	192	515	623	227	213	232	34.2
All other industries	271	3 852	320	248	453	256	237	553	752	344	325	364	42.5
Farmers and farm managers	**154**	**76 175**	**220**	**497**	**2 758**	**4 264**	**5 353**	**14 055**	**20 359**	**10 425**	**8 716**	**9 528**	**50.4**
Farm laborers and farm foremen	**2 071**	**22 248**	**3 495**	**2 723**	**2 924**	**1 763**	**1 195**	**2 637**	**2 551**	**1 426**	**1 494**	**2 040**	**30.9**
Paid farm laborers and farm foremen	1 566	19 690	2 705	2 148	2 567	1 612	1 143	2 511	2 469	1 334	1 359	1 842	33.6
Unpaid family workers	505	2 558	790	575	357	151	52	126	82	92	135	198	19.7
Service workers, except private household[1]	**8 490**	**228 495**	**18 651**	**12 056**	**20 894**	**18 379**	**16 763**	**36 811**	**42 163**	**22 627**	**20 090**	**20 061**	**42.5**
Cleaning service workers	1 792	79 703	4 905	3 767	5 077	3 979	3 882	10 522	17 465	11 116	9 922	9 068	49.4
Food service workers	5 062	50 673	11 060	5 166	5 671	3 228	3 057	6 664	7 205	3 348	2 803	2 471	30.3
Cooks, except private household	975	17 684	3 605	1 817	1 634	1 255	1 247	2 780	2 622	1 179	928	617	32.1
Busboys and dishwashers	3 070	10 334	4 777	1 910	1 432	365	266	414	398	196	281	295	18.4
Health service workers	58	5 174	409	545	1 085	412	361	702	723	446	299	192	31.9
Personal service workers	520	20 665	1 250	917	1 976	2 247	1 692	3 209	3 374	1 808	1 591	2 601	42.0
Protective service workers	8	52 551	82	308	4 370	6 645	5 987	12 146	10 073	4 407	4 083	4 450	42.3
Firemen, fire protection	–	8 387	–	35	312	1 056	1 337	2 992	1 831	466	270	88	39.9
Guards and watchmen	5	18 137	51	138	1 246	1 105	995	2 248	3 815	2 530	2 841	3 168	53.6
Policemen and detectives	3	23 443	15	129	2 699	4 257	3 533	6 557	4 025	1 194	655	379	36.7
Private household workers	**308**	**1 343**	**83**	**40**	**123**	**92**	**80**	**142**	**255**	**143**	**153**	**232**	**49.4**

[1]Includes allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued													
Total—Continued													
Female employed	**15 831**	**1 676 469**	**57 526**	**95 186**	**247 229**	**163 792**	**133 578**	**314 093**	**353 313**	**144 207**	**97 360**	**70 185**	**39.5**
Professional, technical, and kindred workers	**414**	**248 037**	**1 117**	**3 609**	**45 304**	**40 179**	**24 874**	**47 540**	**44 028**	**17 768**	**13 849**	**9 769**	**36.9**
Accountants	14	9 993	23	341	1 521	1 095	772	1 865	2 379	896	694	407	41.7
Computer specialists	6	3 047	4	119	1 046	843	246	481	225	69	9	5	27.1
Librarians	17	5 523	96	303	631	528	477	908	1 214	490	520	356	43.0
Mathematical specialists	–	677	–	10	136	101	62	120	147	46	41	14	37.5
Life and physical scientists	–	1 729	5	38	322	378	204	370	268	43	87	14	33.0
Registered nurses, dietitians, and therapists	17	48 340	130	320	7 791	7 604	5 551	10 791	9 268	3 408	2 125	1 352	37.6
Dietitians	4	1 948	21	80	219	166	137	444	512	201	89	79	42.9
Registered nurses	9	42 873	56	165	6 745	6 689	5 032	9 737	8 348	3 007	1 928	1 166	37.8
Health technologists and technicians	25	9 706	76	410	2 871	1 849	983	1 529	1 218	391	193	186	29.0
Social scientists	5	1 214	–	4	168	274	171	220	223	60	59	35	34.7
Social and recreation workers	34	7 872	100	147	1 413	1 276	698	1 331	1 388	734	418	367	37.3
Teachers: College and university	–	7 550	5	298	1 339	1 474	872	1 486	1 082	433	300	261	33.8
Elementary and prekindergarten	38	69 152	92	169	12 436	11 108	6 462	13 250	12 038	5 535	5 160	2 902	38.3
Secondary	4	25 934	8	24	5 966	5 315	2 586	4 069	4 186	1 679	1 296	805	33.2
Other teachers	78	6 508	176	173	677	792	700	1 202	1 072	564	455	697	41.1
Engineering and science technicians	11	4 551	37	205	1 020	534	389	944	1 007	288	103	24	36.0
Technicians, except health, and engineering and science	5	911	4	34	215	130	80	190	132	58	50	18	34.5
Writers, artists, and entertainers	51	13 642	206	403	2 549	2 057	1 242	2 570	2 469	763	591	792	36.4
Actors and dancers	–	411	4	43	198	42	18	43	29	19	10	5	24.0
Authors, editors, and reporters	5	5 059	23	95	1 007	989	441	895	870	263	212	264	34.7
Other professional, technical, and kindred workers	109	31 688	155	611	5 203	4 821	3 379	6 214	5 712	2 311	1 748	1 534	37.7
Managers and administrators, except farm	**45**	**49 593**	**117**	**556**	**3 448**	**3 650**	**3 286**	**10 180**	**14 496**	**6 471**	**4 114**	**3 275**	**47.5**
Buyers, purchasing agents, and sales managers	5	7 918	13	121	780	624	507	1 552	2 316	1 062	624	319	46.6
Restaurant, cafeteria, and bar managers	–	4 427	12	57	144	177	301	878	1 540	656	368	294	49.2
School administrators	–	2 987	5	27	80	171	250	742	904	394	256	158	47.4
Other specified managers and administrators	23	12 882	61	211	1 124	1 054	799	2 500	3 528	1 519	1 112	974	47.0
Managers and administrators, n.e.c., salaried	17	16 857	26	135	1 269	1 473	1 214	3 614	4 779	2 115	1 241	991	46.5
Wholesale and retail trade	–	5 404	5	32	508	361	319	1 085	1 606	777	375	336	47.4
Managers and administrators, n.e.c., self-employed	–	4 522	–	5	51	151	215	894	1 429	725	513	539	51.6
Wholesale and retail trade	–	2 752	–	5	19	80	107	560	867	446	335	333	52.0
Sales workers	**1 911**	**122 398**	**12 019**	**8 727**	**10 446**	**7 117**	**6 966**	**20 426**	**27 676**	**12 803**	**8 660**	**7 558**	**42.8**
Demonstrators, hucksters, and peddlers	14	5 676	102	65	564	878	764	1 428	968	428	298	181	38.3
Insurance, real estate agents, and brokers	9	7 003	58	168	744	560	552	1 455	1 915	680	450	421	44.8
Sales clerks, retail trade	995	85 454	10 187	6 947	6 533	3 456	3 841	13 360	19 790	9 518	6 389	5 433	43.8
Salesmen, retail trade	23	3 728	230	158	280	213	195	624	1 058	418	280	272	46.6
Other sales workers	870	20 537	1 442	1 389	2 325	2 010	1 614	3 559	3 945	1 759	1 243	1 251	39.2
Clerical and kindred workers	**3 444**	**661 372**	**21 426**	**54 205**	**124 382**	**63 465**	**50 635**	**116 649**	**129 842**	**49 496**	**32 435**	**18 837**	**36.4**
Bank tellers	19	11 875	229	1 130	3 141	1 226	943	2 008	2 022	661	363	152	31.1
Bookkeepers	57	74 048	689	3 161	8 947	5 690	5 300	15 754	18 971	7 530	4 978	3 028	43.4
Cashiers	615	45 816	7 860	5 664	5 122	2 941	2 887	7 110	7 983	3 195	1 792	1 262	32.3
Counter clerks, except food	209	12 265	926	1 030	1 778	758	766	1 952	2 765	1 068	754	468	39.5
Enumerators and interviewers	–	2 285	34	90	262	229	284	612	510	103	77	84	39.0
File clerks	254	25 304	1 564	3 823	4 779	1 748	1 445	3 221	4 308	2 142	1 327	947	32.6
Office machine operators	32	33 107	498	2 837	8 233	4 348	3 459	5 585	5 039	1 609	981	518	30.9
Bookkeeping and billing machine operators	6	5 201	83	380	1 120	562	493	895	1 043	305	201	119	34.6
Keypunch operators	16	19 222	254	1 782	5 496	3 022	2 297	3 250	2 133	581	291	116	28.4
Payroll and timekeeping clerks	14	7 962	57	287	1 133	699	599	1 496	2 212	810	462	207	43.1
Receptionists	99	18 087	610	1 949	4 010	1 547	1 254	3 025	3 165	1 135	839	553	33.7
Secretaries	159	167 274	1 556	10 842	37 895	19 830	13 347	29 647	31 732	11 077	7 338	4 010	35.1
Stenographers	21	6 443	66	626	1 279	510	389	1 012	1 367	553	382	259	38.5
Telephone operators	51	22 651	946	2 390	3 724	1 546	1 468	3 799	4 380	2 050	1 638	710	38.3
Typists	204	70 487	2 201	8 704	15 684	6 324	5 250	11 128	11 764	4 643	3 002	1 787	32.2
Other clerical and kindred workers	1 710	163 768	4 190	11 672	28 395	16 069	13 244	30 300	33 624	12 920	8 502	4 852	37.7
Craftsmen and kindred workers	**121**	**30 865**	**411**	**893**	**3 122**	**2 630**	**2 691**	**6 564**	**7 947**	**3 286**	**1 968**	**1 353**	**43.7**
Foremen, n.e.c	10	7 832	11	32	457	567	616	1 670	2 415	1 206	588	270	47.3
Operatives, except transport	**1 084**	**238 983**	**2 734**	**7 637**	**24 368**	**21 868**	**21 281**	**53 893**	**61 873**	**23 520**	**14 079**	**7 730**	**42.7**
Assemblers	101	42 726	365	1 540	5 050	4 097	3 965	9 595	11 142	4 087	2 128	757	41.6
Bottling and canning operatives	–	920	13	49	85	63	48	171	228	140	81	42	46.4
Checkers, examiners, and inspectors; manufacturing	15	23 852	117	609	2 304	2 152	1 902	5 242	7 345	2 596	1 243	342	44.2
Dressmakers and seamstresses, except factory	8	4 832	20	74	122	161	133	663	1 245	770	717	927	55.0
Laundry and drycleaning operatives, including ironers	78	11 594	310	299	685	651	786	2 546	3 235	1 365	1 069	648	46.6
Graders and sorters, manufacturing	5	885	20	29	93	60	107	212	241	57	52	14	41.3
Packers and wrappers, except produce	77	28 035	629	1 134	2 893	2 285	2 684	6 490	7 500	2 642	1 272	506	41.8
Sewers and stitchers	22	19 372	84	359	1 313	1 296	1 299	3 793	5 536	2 551	1 901	1 240	47.8
Textile operatives	6	908	21	43	154	69	86	236	151	89	46	13	38.4
Other specified operatives	688	56 825	688	1 773	6 293	5 972	5 745	12 849	13 307	4 898	3 124	2 176	41.2
Miscellaneous and not specified operatives	84	49 034	467	1 728	5 376	5 062	4 526	12 096	11 943	4 325	2 446	1 065	41.1
Manufacturing	58	44 914	358	1 443	4 831	4 740	4 154	11 275	11 088	3 927	2 218	880	41.1
Durable goods	31	24 847	188	814	2 903	2 728	2 429	6 185	5 899	2 123	1 120	458	40.4
Machinery, including electrical	11	12 894	133	485	1 628	1 435	1 358	3 253	3 020	1 033	395	154	39.3
Other durable goods	20	11 953	55	329	1 275	1 293	1 071	2 932	2 879	1 090	725	304	41.7
Nondurable goods, including not specified manufacturing	27	20 067	170	629	1 928	2 012	1 725	5 090	5 189	1 804	1 098	422	42.0
Food and kindred products	6	4 252	29	121	331	329	342	1 053	1 232	426	290	99	44.2
Apparel and other fabricated textile products	6	1 585	18	45	108	84	121	395	399	195	150	70	45.5
Nonmanufacturing industries	26	4 120	109	285	545	322	372	821	855	398	228	185	40.2
Transport equipment operatives	**5**	**6 337**	**76**	**116**	**527**	**734**	**882**	**1 935**	**1 306**	**362**	**203**	**196**	**39.3**
Laborers, except farm	**371**	**19 442**	**1 394**	**1 228**	**2 229**	**1 795**	**1 692**	**4 272**	**3 951**	**1 430**	**833**	**618**	**38.2**
Farmers and farm managers	**28**	**2 544**	**19**	**42**	**128**	**121**	**188**	**484**	**583**	**359**	**313**	**307**	**50.0**
Farm laborers and farm foremen	**152**	**2 998**	**147**	**185**	**277**	**180**	**244**	**670**	**674**	**293**	**192**	**136**	**42.0**
Paid farm laborers and farm foremen	124	1 833	117	118	213	110	160	354	398	163	117	83	40.6
Unpaid family workers	28	1 165	30	67	64	70	84	316	276	130	75	53	43.5
Service workers, except private household[1]	**5 002**	**258 752**	**16 273**	**16 742**	**31 186**	**20 334**	**19 254**	**47 647**	**54 092**	**23 725**	**16 215**	**13 284**	**40.4**
Cleaning service workers	249	30 687	741	649	1 100	1 342	1 653	5 349	8 960	4 592	3 611	2 690	50.0
Chambermaids and maids	64	7 411	289	291	486	363	467	1 292	2 057	1 033	630	503	47.5
Food service workers	2 814	102 656	10 968	7 755	9 042	6 619	7 028	19 988	21 665	9 219	5 906	4 466	40.0
Cooks, except private household	198	26 042	793	568	900	890	1 387	5 050	7 923	3 857	2 734	1 940	49.3
Waiters and food counter workers	2 074	55 567	8 061	5 450	6 545	4 788	4 544	11 320	8 917	3 067	1 710	1 165	33.2
Health service workers	209	55 188	2 532	4 549	8 307	4 890	4 653	10 065	10 415	4 397	2 931	2 449	37.6
Nursing aides, orderlies, and attendants	133	33 780	1 770	2 967	4 526	2 915	2 947	6 412	6 338	2 673	1 771	1 461	37.8
Practical nurses	–	10 936	16	217	1 519	1 106	996	2 174	2 422	1 177	738	571	42.4
Personal service workers	487	42 123	1 136	2 092	9 345	4 885	3 237	6 849	7 452	3 110	2 082	1 935	35.5
Hairdressers and cosmetologists	63	24 199	392	1 292	5 674	3 164	2 016	4 171	4 365	1 629	869	627	33.9
Private household workers	**3 254**	**35 148**	**1 793**	**1 246**	**1 812**	**1 719**	**1 585**	**3 833**	**6 845**	**4 694**	**4 499**	**7 122**	**53.2**
Private household workers, living in	5	3 174	19	53	193	148	137	311	520	396	422	975	57.6
Private household workers, living out	3 249	31 974	1 774	1 193	1 619	1 571	1 448	3 522	6 325	4 298	4 077	6 147	52.7

[1]Includes protective service workers and allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

THE STATE—Continued

Negro

	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	**2 103**	**261 685**	**4 443**	**8 524**	**29 980**	**36 530**	**33 279**	**62 544**	**48 985**	**17 576**	**11 980**	**7 844**	**37.9**
Professional, technical, and kindred workers	47	16 604	95	352	2 162	3 233	2 768	4 164	2 439	696	372	323	34.4
Engineers	–	956	6	–	86	193	165	283	202	10	4	7	36.0
Lawyers and judges	–	314	–	10	10	27	44	63	82	35	23	20	45.4
Life and physical scientists	–	411	–	–	16	85	39	165	90	10	6	–	39.0
Physicians, dentists, and related practitioners	5	879	–	–	31	66	130	270	180	60	41	101	42.9
Health workers, except practitioners	–	890	5	28	122	175	134	218	158	34	13	3	34.3
Social and recreation workers	24	992	40	23	110	136	158	253	183	41	31	17	36.1
Teachers	12	3 557	3	36	372	711	698	1 013	494	134	63	33	34.7
Technicians, except health	6	1 646	15	54	384	426	301	289	100	57	17	3	29.3
Writers, artists, and entertainers	–	1 340	7	77	200	287	228	327	130	34	22	28	32.2
Other professional, technical, and kindred workers	–	5 619	19	124	831	1 127	871	1 283	820	281	152	111	34.1
Managers and administrators, except farm	19	8 388	22	47	641	1 297	1 321	2 332	1 619	541	338	230	38.7
Salaried	19	7 079	22	47	594	1 191	1 164	1 993	1 283	427	251	107	37.6
Manufacturing	–	762	4	12	85	119	118	227	146	31	10	10	36.9
Retail trade	10	1 944	4	13	223	442	318	531	263	85	44	21	34.6
All other industries	9	4 373	14	22	286	630	728	1 235	874	311	197	76	39.1
Self-employed	–	1 309	–	–	47	106	157	339	336	114	87	123	45.2
Retail trade	–	772	–	–	43	75	96	190	210	71	45	42	44.1
All other industries	–	537	–	–	4	31	61	149	126	43	42	81	46.9
Sales workers	371	7 685	286	397	1 103	1 400	1 109	1 682	971	266	239	232	33.0
Manufacturing and wholesale trade	283	1 659	86	55	173	328	296	406	194	47	44	30	33.2
Retail trade	88	4 190	196	333	689	649	536	861	524	148	131	123	32.1
All other industries	–	1 836	4	9	241	423	277	415	253	71	64	79	34.4
Clerical and kindred workers	239	27 790	613	1 674	4 357	4 176	3 536	5 813	4 597	1 634	825	565	34.3
Bookkeepers and billing clerks	6	1 012	25	38	224	165	125	180	138	52	31	34	32.2
Mail handlers and postal clerks	8	8 316	81	412	989	990	1 033	2 077	1 865	571	218	80	38.1
Other clerical and kindred workers	225	18 462	507	1 224	3 144	3 021	2 378	3 556	2 594	1 011	576	451	32.8
Craftsmen and kindred workers	107	40 700	150	777	4 031	5 453	5 741	11 494	8 189	2 641	1 370	854	38.7
Carpenters	–	1 079	–	17	88	97	143	352	232	51	46	53	40.5
Construction craftsmen, except carpenters	17	5 967	37	71	532	633	813	1 746	1 314	446	224	151	40.1
Automobile mechanics, including body repairmen	–	4 560	4	50	332	514	745	1 434	930	278	208	65	39.4
Mechanics and repairmen, except auto	–	5 050	22	105	519	782	679	1 346	1 014	333	172	78	38.1
Machinists	–	1 249	–	23	160	248	187	343	172	89	25	2	35.2
Metal craftsmen, except mechanics and machinists	–	3 494	9	33	297	499	473	977	818	242	98	48	39.5
Foremen, n.e.c.	–	4 449	13	40	272	537	727	1 434	992	242	117	75	39.4
Other craftsmen and kindred workers	90	14 852	65	438	1 831	2 143	1 974	3 862	2 717	960	480	382	37.5
Operatives, except transport	225	61 075	541	2 040	7 792	9 532	8 034	14 684	10 952	3 847	2 515	1 138	36.8
Assemblers	–	4 758	67	179	962	874	550	996	743	228	132	27	32.7
Garage workers and gas station attendants	24	1 743	69	120	158	170	275	467	298	85	65	36	36.7
Laundry and drycleaning operatives, including ironers	6	1 730	38	54	103	141	168	413	377	192	130	114	43.7
Precision machine operatives	–	2 509	4	66	257	411	406	562	481	216	84	22	37.0
Other operatives, except transport	195	50 335	363	1 621	6 312	7 936	6 635	12 246	9 053	3 126	2 104	939	36.9
Durable goods, manufacturing	75	28 295	90	787	3 508	4 728	3 807	7 038	5 071	1 740	1 124	402	36.7
Nondurable goods, including not specified manufacturing	46	13 772	112	469	1 895	2 201	1 753	3 273	2 398	778	612	281	36.4
Nonmanufacturing industries	74	8 268	161	365	909	1 007	1 075	1 935	1 584	608	368	256	38.2
Transport equipment operatives	88	26 514	122	429	3 015	4 147	3 760	7 066	4 947	1 611	868	549	37.5
Truck drivers	8	7 372	15	52	541	838	942	2 460	1 616	475	285	148	40.3
Other transport equipment operatives	80	19 142	107	377	2 474	3 309	2 818	4 606	3 331	1 136	583	401	36.1
Laborers, except farm	464	29 742	1 229	1 443	3 690	3 354	3 106	6 345	5 968	2 068	1 578	961	38.2
Construction laborers	9	4 078	16	62	308	434	421	1 032	1 070	379	255	101	42.7
Freight, stock, and material handlers	189	11 813	811	842	1 833	1 560	1 359	2 254	1 929	552	396	277	33.2
Other laborers, except farm	266	13 851	402	539	1 549	1 360	1 326	3 059	2 969	1 137	927	583	40.7
Manufacturing industries	49	5 779	37	189	710	666	569	1 409	1 272	443	349	135	40.1
Farmers and farm managers	13	434	–	22	38	74	36	73	90	43	23	35	41.4
Farm laborers and farm foremen	20	767	35	67	125	40	52	161	105	48	61	73	39.0
Service workers, except private household[1]	486	41 270	1 327	1 263	2 996	3 758	3 771	8 641	8 927	4 096	3 721	2 770	43.7
Cleaning service workers	192	17 587	331	419	870	1 110	1 227	3 296	4 558	2 234	2 069	1 473	48.4
Food service workers	141	6 911	613	441	540	628	575	1 324	1 303	569	545	373	40.0
Health service workers	9	1 205	61	78	164	109	148	302	216	86	34	7	36.4
Personal service workers	44	3 135	141	141	180	246	225	623	670	339	286	284	45.2
Protective service workers	–	6 182	10	27	453	883	903	1 677	1 090	356	365	418	39.9
Private household workers	24	716	23	13	30	66	45	89	181	85	70	114	50.1
Female employed	**1 323**	**202 717**	**3 717**	**9 172**	**30 070**	**27 632**	**25 515**	**47 497**	**35 871**	**11 147**	**7 233**	**4 863**	**36.1**
Professional, technical, and kindred workers	85	22 170	170	339	2 982	3 909	3 178	6 140	3 620	914	616	302	35.8
Registered nurses	–	3 364	8	26	308	461	529	1 073	697	189	57	16	38.3
Health workers, except nurses	14	2 070	11	67	337	332	274	560	316	88	47	38	35.3
Teachers, elementary and secondary schools	16	8 155	29	56	1 019	1 707	1 260	2 320	1 179	257	271	57	35.0
Technicians, except health	–	410	15	–	108	72	41	109	55	4	6	–	31.2
Other professional, technical, and kindred workers	55	8 171	107	190	1 210	1 337	1 074	2 078	1 373	376	235	191	35.8
Managers and administrators, except farm	–	3 238	5	34	292	320	342	987	905	137	139	77	41.3
Salaried	–	2 884	5	34	287	304	328	899	773	119	88	47	40.4
Self-employed	–	354	–	–	5	16	14	88	132	18	51	30	49.1
Sales workers	132	6 750	419	729	1 074	848	718	1 403	1 026	282	131	120	32.1
Retail trade	122	5 609	384	651	915	697	599	1 103	842	222	98	98	31.3
Clerical and kindred workers	572	66 893	1 944	5 242	15 500	11 120	9 077	13 428	7 331	1 745	953	553	29.8
Bookkeepers and cashiers	27	7 465	407	609	1 380	1 248	960	1 547	884	248	118	64	30.5
Office machine operators	14	4 715	40	273	1 449	969	879	768	270	45	17	5	28.1
Secretaries, stenographers, and typists	44	15 303	474	1 445	4 404	2 750	2 002	2 622	1 153	199	153	101	27.4
Other clerical and kindred workers	487	39 410	1 023	2 915	8 267	6 153	5 236	8 491	5 024	1 253	665	383	31.3
Craftsmen and kindred workers	11	4 136	17	118	486	574	534	1 161	845	210	99	92	37.9
Operatives, except transport	185	39 524	279	1 073	4 716	5 349	5 305	10 125	8 219	2 289	1 422	747	38.0
Sewers and stitchers	–	2 797	–	43	181	232	218	584	908	263	251	117	46.5
Laundry and drycleaning operatives, including ironers	34	4 187	49	86	254	278	361	1 164	1 236	397	258	104	44.2
Other operatives, except transport	151	32 540	230	944	4 281	4 839	4 726	8 377	6 075	1 629	913	526	36.5
Durable goods, manufacturing	43	16 058	85	470	2 182	2 487	2 451	4 444	2 723	740	303	173	35.8
Nondurable goods, including not specified manufacturing	40	11 639	82	262	1 585	1 776	1 606	2 883	2 391	536	353	165	36.8
Nonmanufacturing industries	68	4 843	63	212	514	576	669	1 050	961	353	257	188	38.7
Transport equipment operatives	–	554	11	13	43	55	48	147	146	46	12	33	42.3
Laborers, except farm	36	4 601	113	257	635	615	632	1 179	695	249	137	89	35.4
Farmers and farm managers	8	248	–	7	45	11	16	96	15	26	24	8	39.7
Farm laborers and farm foremen	–	446	–	6	122	44	18	116	63	34	32	11	37.8
Service workers, except private household[1]	247	41 709	704	1 292	3 739	4 094	4 931	10 700	9 594	3 201	2 206	1 248	40.7
Cleaning service workers	14	8 564	41	94	325	421	658	2 149	2 654	989	830	403	47.2
Food service workers	52	9 146	266	462	701	841	996	2 371	2 126	745	426	212	40.5
Health service workers	23	12 399	206	332	1 586	1 674	1 896	3 372	2 300	538	334	161	36.5
Practical nurses	–	3 116	5	35	263	477	577	910	599	155	52	43	37.2
Personal service workers	42	4 796	106	115	299	339	513	1 144	1 266	501	317	196	44.0
Protective service workers	–	696	–	5	39	92	83	184	173	66	31	23	42.0
Private household workers	47	12 448	55	62	436	693	716	2 015	3 412	2 014	1 462	1 583	51.6

[1]Includes allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

THE STATE—Continued

Persons of Spanish Language

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	**800**	**84 524**	**2 007**	**3 887**	**12 154**	**14 130**	**12 318**	**22 722**	**11 356**	**2 667**	**2 007**	**1 276**	**34.1**
Professional, technical, and kindred workers	–	6 617	26	94	674	1 175	1 185	2 065	993	176	114	115	35.7
Engineers	–	865	–	–	69	135	218	312	109	14	8	–	35.3
Lawyers and judges	–	138	–	–	–	26	8	44	33	8	7	12	43.0
Life and physical scientists	–	144	–	–	7	–	28	36	48	6	13	6	45.2
Physicians, dentists, and related practitioners	–	1 012	–	–	15	70	125	475	256	39	8	24	41.2
Health workers, except practitioners	–	262	–	12	25	41	102	52	25	–	5	–	32.6
Social and recreation workers	–	159	13	8	33	50	9	40	6	–	–	–	27.6
Teachers	–	808	6	11	77	162	154	274	78	27	6	13	34.8
Technicians, except health	–	1 037	–	30	232	202	150	251	100	23	25	24	31.8
Writers, artists, and entertainers	–	526	7	5	27	97	138	126	93	19	8	6	34.6
Other professional, technical, and kindred workers	–	1 666	–	28	189	392	253	455	245	40	34	30	34.4
Managers and administrators, except farm	21	2 984	15	5	330	371	526	1 003	504	106	80	44	37.4
Salaried	21	2 589	7	5	303	339	438	883	439	79	59	37	37.3
Manufacturing	8	674	–	–	56	75	103	175	200	50	–	15	40.9
Retail trade	13	713	7	5	128	153	113	239	44	17	7	–	32.8
All other industries	–	1 202	–	–	119	111	222	469	195	12	52	22	38.2
Self-employed	–	395	8	–	27	32	88	120	65	27	21	7	38.5
Retail trade	–	266	8	–	27	19	68	89	43	12	–	–	36.2
All other industries	–	129	–	–	–	13	20	31	22	15	21	7	45.2
Sales workers	158	2 694	149	203	324	542	303	613	342	111	61	46	32.1
Manufacturing and wholesale trade	114	837	30	54	79	188	110	205	96	34	34	7	33.1
Retail trade	44	1 187	119	134	180	181	113	218	137	46	27	32	29.4
All other industries	–	670	–	15	65	173	80	190	109	31	–	7	35.1
Clerical and kindred workers	80	6 757	179	500	1 255	1 210	839	1 640	721	248	100	65	31.4
Bookkeepers and billing clerks	–	442	8	14	57	91	65	122	31	13	8	33	33.9
Mail handlers and postal clerks	–	495	22	22	110	82	42	138	45	22	12	–	31.4
Other clerical and kindred workers	80	5 820	149	464	1 088	1 037	732	1 380	645	213	80	32	31.2
Craftsmen and kindred workers	27	15 856	92	392	1 843	2 840	2 396	4 762	2 505	410	401	215	35.8
Carpenters	–	567	–	5	77	84	63	186	128	24	–	–	37.9
Construction craftsmen, except carpenters	–	2 064	12	54	238	361	220	658	398	46	71	6	37.2
Automobile mechanics, including body repairmen	–	1 245	19	52	214	238	226	317	145	21	13	–	32.2
Mechanics and repairmen, except auto	–	2 417	15	29	315	434	385	734	372	62	48	23	35.4
Machinists	–	732	–	18	64	81	72	283	143	35	20	16	39.6
Metal craftsmen, except mechanics and machinists	–	1 991	–	19	172	459	320	619	286	67	43	6	35.4
Foremen, n.e.c.	–	2 094	–	24	67	341	417	757	335	41	81	31	37.6
Other craftsmen and kindred workers	27	4 746	46	191	696	842	693	1 208	698	114	125	133	34.3
Operatives, except transport	73	28 360	466	1 365	4 836	4 938	4 253	7 454	3 468	791	536	253	33.0
Assemblers	25	3 502	58	185	862	561	532	801	347	93	45	18	30.8
Garage workers and gas station attendants	–	373	64	70	35	63	33	72	19	11	–	6	26.4
Laundry and drycleaning operatives, including ironers	–	275	12	21	36	65	47	47	15	14	18	–	30.4
Precision machine operatives	–	1 653	9	70	193	343	262	474	203	60	29	10	34.0
Other operatives, except transport	48	22 557	323	1 019	3 710	3 906	3 379	6 060	2 884	613	444	219	33.4
Durable goods, manufacturing	30	14 008	177	619	2 225	2 290	2 045	3 885	1 921	426	291	129	34.1
Nondurable goods, including not specified manufacturing	5	5 791	99	233	1 099	1 097	943	1 445	596	140	103	36	31.9
Nonmanufacturing industries	13	2 758	47	167	386	519	391	730	367	47	50	54	33.3
Transport equipment operatives	43	4 331	56	137	537	873	763	1 172	612	77	51	53	33.7
Truck drivers	6	1 583	12	21	152	293	312	471	267	31	20	4	35.0
Other transport equipment operatives	37	2 748	44	116	385	580	451	701	345	46	31	49	32.8
Laborers, except farm	126	8 337	453	681	1 292	1 171	937	2 107	1 026	331	184	155	33.0
Construction laborers	–	796	8	26	101	134	103	292	80	35	4	13	35.9
Freight, stock, and material handlers	68	3 553	312	404	571	469	365	841	398	86	67	40	30.3
Other laborers, except farm	58	3 988	133	251	620	568	469	974	548	210	113	102	34.5
Manufacturing industries	18	2 106	40	127	241	354	290	554	268	121	77	34	35.0
Farmers and farm managers	–	99	–	–	25	11	13	10	31	9	–	–	...
Farm laborers and farm foremen	32	542	26	19	67	98	71	129	30	36	44	22	34.3
Service workers, except private household[1]	233	7 915	545	491	964	901	1 026	1 748	1 124	372	436	308	35.2
Cleaning service workers	75	2 880	151	127	325	243	235	705	561	195	221	117	40.1
Food service workers	117	3 154	320	251	368	359	535	646	320	119	152	84	32.6
Health service workers	–	148	21	29	30	21	7	5	14	–	5	16	24.0
Personal service workers	16	603	12	30	82	100	66	124	117	20	16	36	35.9
Protective service workers	–	661	11	–	86	143	100	150	76	7	33	55	34.5
Private household workers	7	32	–	–	7	–	6	19	–	–	–	–	...
Female employed	**407**	**42 079**	**1 856**	**3 068**	**8 625**	**5 782**	**5 245**	**10 382**	**4 885**	**1 211**	**658**	**367**	**31.6**
Professional, technical, and kindred workers	–	3 324	37	107	684	599	463	768	495	77	76	18	32.5
Registered nurses	–	623	8	–	112	164	69	125	103	14	28	–	32.0
Health workers, except nurses	–	496	15	37	82	57	67	153	69	8	8	–	34.3
Teachers, elementary and secondary schools	–	771	3	–	166	162	113	162	132	26	7	–	32.4
Technicians, except health	–	178	–	16	47	21	17	36	24	–	17	–	31.5
Other professional, technical, and kindred workers	–	1 256	11	54	277	195	197	292	167	29	16	18	32.3
Managers and administrators, except farm	–	496	–	19	65	64	69	150	67	41	8	13	37.1
Salaried	–	435	–	19	65	58	48	116	67	41	8	13	37.4
Self-employed	–	61	–	–	–	6	21	34	–	–	–	–	...
Sales workers	31	1 769	239	236	270	143	128	312	279	92	31	39	29.9
Retail trade	20	1 460	215	193	234	95	101	259	227	72	25	39	29.6
Clerical and kindred workers	88	12 066	748	1 419	3 452	1 704	1 253	2 203	843	249	106	89	26.2
Bookkeepers and cashiers	21	1 754	221	185	413	170	162	407	146	12	19	19	26.7
Office machine operators	–	974	28	94	284	178	129	206	46	–	–	9	27.3
Secretaries, stenographers, and typists	5	4 159	98	553	1 331	742	410	636	239	100	28	22	25.7
Other clerical and kindred workers	62	5 179	401	587	1 424	614	552	954	412	137	59	39	26.4
Craftsmen and kindred workers	17	1 143	29	37	210	145	215	304	126	39	14	24	33.5
Operatives, except transport	78	17 019	357	834	2 907	2 472	2 343	5 074	2 212	457	265	98	34.1
Sewers and stitchers	–	1 393	7	47	158	168	159	441	289	76	34	14	38.6
Laundry and drycleaning operatives, including ironers	–	407	–	12	75	–	43	168	58	25	20	6	39.4
Other operatives, except transport	78	15 219	350	775	2 674	2 304	2 141	4 465	1 865	356	211	78	33.5
Durable goods, manufacturing	39	9 965	161	516	1 825	1 630	1 509	2 883	1 103	180	87	71	32.8
Nondurable goods, including not specified manufacturing	39	4 280	128	207	686	547	519	1 372	587	134	93	7	35.4
Nonmanufacturing industries	–	974	61	52	163	127	113	210	175	42	31	–	33.7
Transport equipment operatives	–	92	6	19	7	4	23	20	7	6	–	–	...
Laborers, except farm	32	893	51	32	187	72	126	288	93	28	8	8	34.1
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	56	–	12	12	7	6	7	12	–	–	–	...
Service workers, except private household[1]	124	4 754	365	344	767	520	594	1 119	666	183	131	65	33.2
Cleaning service workers	9	803	48	32	70	80	81	182	177	84	40	9	40.0
Food service workers	45	1 629	225	132	207	111	200	445	228	35	35	11	33.5
Health service workers	–	996	52	108	152	129	160	234	78	40	36	7	31.8
Practical nurses	–	232	–	5	68	29	43	43	27	–	17	–	31.6
Personal service workers	14	854	20	60	226	149	93	176	83	24	7	16	29.1
Protective service workers	–	37	–	–	–	–	3	20	14	–	–	–	...
Private household workers	37	467	24	9	64	52	25	137	85	39	19	13	39.3

[1]Includes allocated cases not shown separately.

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
CHICAGO SMSA													
Total													
Male employed	**18 118**	**1 754 568**	**45 837**	**56 472**	**172 309**	**213 246**	**188 312**	**377 095**	**371 733**	**151 351**	**107 279**	**70 934**	**40.3**
Professional, technical, and kindred workers	**252**	**266 905**	**792**	**2 809**	**29 673**	**48 452**	**36 703**	**61 463**	**48 375**	**16 603**	**12 681**	**9 354**	**37.4**
Accountants	13	25 988	39	112	2 969	4 837	3 258	5 501	4 784	1 702	1 759	1 027	38.2
Architects	8	2 720	–	10	175	428	414	786	431	145	147	184	39.2
Computer specialists	–	9 326	9	137	1 614	3 228	1 885	1 719	503	166	44	21	29.5
Engineers	15	49 362	16	92	3 052	7 002	6 683	13 440	12 293	3 433	2 087	1 264	40.8
Aeronautical and astronautical	–	101	–	–	–	5	11	34	40	5	–	6	45.1
Civil	–	5 988	6	22	364	762	857	1 621	1 384	357	292	323	41.1
Electrical and electronic	5	11 860	4	11	895	1 876	1 690	3 483	2 572	673	495	161	39.2
Mechanical	4	7 529	–	4	398	867	843	2 169	2 159	618	347	124	42.6
Other engineers	6	23 884	6	55	1 395	3 492	3 282	6 133	6 138	1 780	953	650	41.1
Lawyers and judges	–	12 776	9	15	181	1 873	1 633	3 275	2 114	1 157	1 151	1 368	43.2
Life and physical scientists	–	6 753	4	23	440	1 274	1 051	1 777	1 379	443	253	109	38.3
Chemists	–	5 182	4	9	365	960	725	1 379	1 081	361	200	98	38.8
Physicians, dentists, and related practitioners	12	19 123	6	59	670	2 457	2 279	4 185	4 144	1 833	1 673	1 817	44.8
Dentists	–	3 430	–	–	12	271	324	650	827	398	424	524	50.5
Pharmacists	12	3 953	6	51	418	634	363	737	617	404	368	355	41.8
Physicians, medical and osteopathic	–	9 889	–	5	199	1 381	1 461	2 309	2 076	865	750	843	43.2
Other related practitioners	–	1 851	–	3	41	171	131	489	624	166	131	95	46.5
Health technologists and technicians	–	2 828	21	92	675	529	408	470	410	131	35	57	31.2
Religious workers	24	6 030	10	46	234	588	738	1 529	1 298	618	508	461	44.1
Social scientists	–	4 405	–	5	312	1 085	790	1 071	692	203	148	99	35.1
Social and recreation workers	33	3 845	109	155	690	701	433	797	531	233	109	87	33.1
Teachers	45	34 860	108	242	6 373	8 355	5 219	7 578	4 231	1 330	907	517	32.3
College and university	6	8 114	–	61	688	1 512	1 392	2 109	1 414	464	309	165	36.9
Elementary and prekindergarten	11	7 960	22	30	2 267	2 193	926	1 365	730	229	132	66	28.8
Secondary	15	16 505	18	16	3 182	4 305	2 565	3 612	1 777	465	410	155	31.4
Engineering and science technicians	13	23 186	194	917	4 704	4 578	2 855	4 061	3 533	1 148	791	405	32.1
Draftsmen and surveyors	13	12 359	157	533	2 479	2 379	1 561	2 193	1 760	538	478	281	32.0
Electrical and electronic engineering technicians	–	3 977	4	76	858	987	534	587	648	166	106	11	30.6
Technicians, except health, and engineering and science	4	4 944	–	34	403	989	977	1 384	868	159	92	38	35.5
Airplane pilots	–	2 401	–	–	46	449	617	823	428	26	6	6	36.1
Writers, artists, and entertainers	58	24 222	165	402	2 522	3 646	3 019	5 645	4 786	1 729	1 340	968	39.2
Other professional, technical, and kindred workers	27	36 537	102	468	4 659	6 882	5 061	8 245	6 378	2 173	1 637	932	36.3
Managers and administrators, except farm	**108**	**193 315**	**260**	**752**	**8 106**	**18 783**	**21 796**	**52 707**	**50 353**	**19 545**	**12 532**	**8 481**	**43.9**
Buyers, purchasing agents, and sales managers	5	33 704	47	130	1 533	3 599	4 277	9 587	8 943	3 100	1 738	750	42.6
School administrators	3	4 109	–	5	86	288	588	1 503	1 003	346	230	60	42.2
Specified managers and administrators, public administration	–	7 337	–	7	247	401	585	1 557	2 179	1 043	817	501	49.0
Other specified managers and administrators	42	34 285	62	238	2 336	4 179	4 088	8 566	7 489	3 172	2 421	1 734	42.3
Managers and administrators, n.e.c., salaried	49	98 673	144	364	3 655	9 383	11 047	27 913	26 509	9 872	6 002	3 784	43.9
Manufacturing	28	34 899	24	45	861	2 673	3 462	9 669	10 705	3 856	2 311	1 293	45.7
Wholesale and retail trade	15	25 793	70	181	1 561	3 251	3 104	6 560	6 276	2 348	1 434	1 008	42.2
Transportation, communications, and other public utilities	–	9 359	–	23	279	897	1 060	2 520	2 558	1 125	695	202	44.6
All other industries	6	28 622	50	115	954	2 562	3 421	9 164	6 970	2 543	1 562	1 281	42.9
Managers and administrators, n.e.c., self-employed	9	15 207	7	8	249	933	1 211	3 581	4 230	2 012	1 324	1 652	48.8
Construction	–	2 286	–	–	22	118	217	805	657	198	128	141	44.8
Manufacturing	–	1 756	–	–	16	85	116	321	513	266	166	273	51.6
Wholesale and retail trade	4	7 225	7	8	130	536	606	1 490	1 960	1 033	702	753	49.3
All other industries	5	3 940	–	–	81	194	272	965	1 100	515	328	485	49.2
Sales workers	**4 507**	**137 614**	**4 330**	**3 869**	**10 879**	**16 578**	**13 962**	**30 708**	**29 176**	**11 431**	**8 156**	**8 525**	**41.2**
Insurance agents, brokers, and underwriters	44	15 137	–	23	1 111	2 046	1 739	4 430	3 182	999	830	777	41.0
Real estate agents and brokers	–	5 576	27	12	149	380	466	1 212	1 530	592	535	673	48.5
Sales representatives, manufacturing industries	30	23 810	49	43	1 370	3 582	2 880	6 282	5 385	1 993	1 266	960	41.3
Sales representatives, wholesale trade	24	26 463	108	183	1 645	3 474	3 023	6 132	6 359	2 395	1 618	1 526	42.8
Sales clerks, retail trade	637	28 572	2 986	2 594	3 486	2 393	1 851	4 049	4 732	2 500	1 857	2 124	37.4
Salesmen, retail trade	19	11 756	196	352	977	1 181	1 062	2 668	2 756	1 023	752	789	42.9
Salesmen of services and construction	27	7 599	100	94	531	962	765	1 949	1 809	654	355	380	41.9
Other sales workers	3 726	18 701	864	568	1 610	2 560	2 176	3 986	3 423	1 275	943	1 296	38.9
Clerical and kindred workers	**1 225**	**166 364**	**4 782**	**8 926**	**24 426**	**20 495**	**15 221**	**27 787**	**31 477**	**14 633**	**10 828**	**7 789**	**38.4**
Bank tellers and cashiers	144	5 490	519	459	979	621	352	541	708	444	414	453	32.4
Bookkeepers and billing clerks	19	13 007	100	313	1 806	1 603	1 239	2 090	2 334	1 232	1 289	1 001	41.9
Mail handlers and postal clerks	52	21 555	486	1 254	2 569	2 017	1 870	4 136	5 423	2 097	1 146	557	41.2
Other clerical and kindred workers	1 010	126 312	3 677	6 900	19 072	16 254	11 760	21 020	23 012	10 860	7 979	5 778	37.6
Craftsmen and kindred workers	**470**	**375 212**	**2 111**	**7 622**	**31 993**	**43 313**	**41 961**	**87 254**	**89 863**	**35 711**	**24 174**	**11 210**	**41.9**
Apparel craftsmen and upholsterers	9	3 718	10	30	162	302	405	615	770	350	511	563	49.4
Bakers	14	3 964	26	96	180	257	418	931	931	578	370	177	45.8
Cabinetmakers	–	1 821	17	54	139	143	140	382	420	228	173	125	45.8
Construction craftsmen	82	82 945	280	1 356	7 064	9 088	9 488	21 678	19 653	6 969	4 923	2 446	41.5
Carpenters	10	21 346	58	356	1 657	2 169	2 281	5 740	5 593	1 726	1 092	674	42.2
Excavating, grading, and road machine operators	13	3 935	10	68	374	408	499	1 159	816	320	225	56	40.3
Electricians	6	17 713	29	222	1 825	2 298	2 172	4 193	4 114	1 420	1 060	380	40.5
Masons and tile setters	5	7 235	15	93	558	606	858	2 472	1 593	477	360	203	41.0
Painters, construction and maintenance, and paperhangers	32	11 046	138	275	720	1 194	1 092	2 349	2 331	1 258	1 104	585	44.0
Plasterers and cement finishers	–	2 740	9	59	150	215	336	897	704	174	93	103	41.7
Plumbers and pipe fitters	7	13 656	13	211	1 280	1 494	1 454	3 453	3 375	1 202	834	340	41.9
Other construction craftsmen	9	5 274	8	72	500	704	796	1 415	1 127	392	155	105	38.9
Foremen, n.e.c.	3	57 615	67	194	1 907	5 601	6 693	14 465	16 761	6 645	4 079	1 203	44.9
Manufacturing	–	38 023	39	90	1 209	3 711	4 490	9 272	11 327	4 549	2 665	671	45.2
Nonmanufacturing industries	3	19 592	28	104	698	1 890	2 203	5 193	5 434	2 096	1 414	532	44.4
Linemen and servicemen, telephone and power	6	12 545	23	633	2 499	2 054	1 853	2 882	1 825	438	297	41	32.9
Locomotive engineers and firemen	–	2 599	7	11	122	208	196	566	838	268	254	129	47.3
Mechanics and repairmen	106	76 291	927	2 286	7 823	10 913	9 049	17 168	16 356	6 298	3 925	1 546	39.2
Air conditioning, heating, and refrigeration	12	3 696	4	58	300	600	397	916	845	342	163	71	40.3
Aircraft	–	2 011	–	28	296	461	385	451	309	54	27	–	32.9
Automobile, including body	42	26 068	487	1 251	3 276	3 615	3 030	5 947	5 014	1 781	1 201	466	37.3
Radio and television	13	4 691	69	117	543	752	599	1 143	939	286	167	76	37.3
Other mechanics and repairmen	39	39 825	367	832	3 408	5 485	4 638	8 711	9 249	3 835	2 367	933	40.9
Metal craftsmen, except mechanics	19	51 586	139	857	4 376	5 306	5 183	10 852	14 219	5 947	3 436	1 271	44.2
Machinists and job and die setters	5	21 671	50	348	1 748	2 195	2 268	4 272	5 999	2 709	1 497	585	44.9
Sheetmetal workers and tinsmiths	9	6 161	21	157	606	640	835	1 539	1 456	526	274	107	40.3
Tool and die makers	5	12 484	34	226	1 259	1 330	1 099	2 619	3 543	1 247	796	331	43.8
Other metal craftsmen	–	11 270	34	126	763	1 141	981	2 422	3 221	1 465	869	248	45.5
Printing craftsmen	21	23 696	231	887	2 496	3 055	2 489	5 095	4 664	2 318	1 644	817	40.3
Compositors and typesetters	11	7 898	110	368	879	1 096	815	1 427	1 322	952	601	328	39.8
Pressmen and plate printers, printing	10	11 534	103	420	1 324	1 498	1 221	2 563	2 381	994	693	337	39.7
Stationary engineers and power station operators	–	7 894	10	50	268	513	593	1 647	2 234	1 023	1 068	488	48.9
Other craftsmen and kindred workers	210	50 538	374	1 168	4 957	5 873	5 454	10 973	11 192	4 649	3 494	2 404	41.8

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
CHICAGO SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**1 474**	**238 012**	**6 663**	**11 891**	**28 065**	**28 723**	**24 428**	**46 195**	**49 718**	**21 281**	**14 781**	**6 267**	**39.2**
Assemblers	64	20 258	513	1 156	3 091	2 739	1 972	3 690	3 854	1 565	1 232	446	36.8
Checkers, examiners, and inspectors, manufacturing	26	17 669	108	411	1 939	2 200	1 669	3 237	4 542	1 871	1 280	412	42.7
Garage workers and gas station attendants	260	9 901	2 562	2 105	1 278	707	638	1 047	770	324	258	212	21.1
Laundry and drycleaning operatives, n.e.c	29	2 398	106	126	162	191	227	465	419	311	178	213	43.3
Meat cutters and butchers	15	10 623	136	317	1 120	1 465	1 278	2 213	2 081	982	662	369	39.5
Mine operatives, n.e.c	–	300	5	20	36	31	29	77	60	27	9	6	38.8
Packers and wrappers, except produce	185	11 055	746	1 165	1 760	1 147	1 086	1 705	1 716	781	580	369	33.3
Painters, manufactured articles	–	3 495	75	140	461	350	335	803	706	384	173	68	39.8
Precision machine operatives	11	18 986	201	584	1 819	2 183	1 820	3 224	5 067	2 283	1 326	479	44.0
Sawyers	–	1 012	5	29	117	135	99	154	236	98	98	41	42.9
Stationary firemen	–	2 950	–	9	169	286	263	734	781	363	236	109	45.2
Textile operatives	–	562	10	18	32	28	78	129	84	92	80	11	43.9
Welders and flamecutters	11	16 269	82	387	1 483	2 267	1 945	3 907	3 850	1 382	744	222	40.0
Other metalworking operatives	16	16 758	224	517	1 584	1 916	1 854	3 534	3 765	1 686	1 312	366	41.5
Other specified operatives	615	42 244	758	1 845	4 836	5 208	4 690	8 300	8 397	3 545	2 999	1 666	39.6
Miscellaneous and not specified operatives	242	63 532	1 132	3 062	8 178	7 870	6 445	12 976	13 390	5 587	3 614	1 278	38.9
Occupation:													
Machine operatives, miscellaneous specified	63	25 059	250	1 112	3 044	2 907	2 470	5 560	5 653	2 176	1 423	464	39.9
Machine operatives, not specified	35	17 160	208	608	2 364	2 334	1 793	3 745	3 414	1 518	862	314	38.4
Miscellaneous operatives	120	14 337	484	1 033	2 094	1 805	1 462	2 443	2 649	1 218	804	345	36.2
Not specified operatives	24	6 976	190	309	676	824	720	1 228	1 674	675	525	155	41.3
Industry:													
Manufacturing	129	55 222	798	2 484	7 001	6 865	5 532	11 493	11 846	4 977	3 162	1 064	39.3
Durable goods	42	33 367	446	1 350	4 092	3 924	3 264	7 008	7 362	3 253	2 024	644	40.1
Wood products, including furniture	6	1 404	11	78	191	114	115	258	327	144	130	36	42.5
Primary metal industries	–	7 613	66	297	823	766	791	1 759	1 811	757	466	77	41.0
Fabricated metal industries	5	5 905	98	204	785	740	514	1 236	1 299	587	330	112	39.9
Machinery, including electrical	13	11 949	170	504	1 514	1 529	1 098	2 498	2 544	1 177	634	281	39.6
Motor vehicles and equipment	–	1 048	4	28	93	180	144	216	208	90	70	15	38.5
Transportation equipment, except motor vehicles	–	730	19	30	108	87	100	114	140	61	55	16	36.8
Other durable goods	18	4 718	78	209	578	508	502	927	1 033	437	339	107	40.2
Nondurable goods	87	21 203	333	1 098	2 839	2 841	2 197	4 355	4 355	1 678	1 113	394	38.0
Food and kindred products	5	5 614	58	207	520	633	589	1 311	1 298	541	328	129	41.1
Apparel and other fabricated textile products	–	264	11	17	53	24	28	43	35	28	8	17	34.8
Paper and allied products	9	3 613	69	247	588	476	415	739	610	246	158	65	35.2
Chemicals and allied products	13	3 471	31	136	494	553	347	720	690	286	183	31	37.4
Other nondurable goods	60	8 241	164	491	1 184	1 155	818	1 542	1 722	577	436	152	37.0
Not specified manufacturing industries	–	652	19	36	70	100	71	130	129	46	25	26	37.3
Nonmanufacturing industries	113	8 310	334	578	1 177	1 005	913	1 483	1 544	610	452	214	36.0
Transportation, communications, and other public utilities	5	2 571	31	152	464	481	365	385	397	155	112	29	32.2
Wholesale and retail trade	69	2 932	196	242	350	252	281	504	598	194	206	109	37.9
All other industries	39	2 807	107	184	363	272	267	594	549	261	134	76	38.5
Transport equipment operatives	**519**	**107 236**	**1 354**	**2 877**	**10 951**	**13 279**	**12 583**	**25 305**	**23 752**	**9 068**	**5 338**	**2 729**	**40.0**
Bus drivers	–	8 241	8	38	1 029	1 505	1 025	1 595	1 340	835	616	250	38.2
Taxicab drivers and chauffeurs	6	8 115	31	134	985	744	731	1 508	2 042	724	695	521	44.5
Truck drivers and deliverymen	364	66 567	1 027	1 740	5 841	7 953	8 147	17 056	15 293	5 501	2 797	1 212	40.0
Other transport equipment operatives	149	24 313	288	965	3 096	3 077	2 680	5 146	5 077	2 008	1 230	746	39.0
Laborers, except farm	**3 069**	**106 034**	**13 421**	**10 773**	**15 040**	**9 739**	**8 449**	**16 659**	**17 150**	**6 981**	**4 784**	**3 038**	**32.4**
Construction laborers	70	12 951	306	657	1 935	1 597	1 325	2 715	2 607	886	597	326	37.4
Freight, stock, and material handlers	1 636	55 955	10 619	7 535	8 496	4 864	3 879	7 316	7 524	2 900	1 820	1 002	26.4
Other specified laborers	1 003	21 599	1 762	1 563	2 657	2 003	1 799	3 864	3 697	1 818	1 329	1 107	37.6
Miscellaneous and not specified laborers	360	15 529	734	1 018	1 952	1 275	1 446	2 764	3 322	1 377	1 038	603	39.8
Occupation:													
Miscellaneous laborers	106	5 424	141	182	550	506	568	1 067	1 256	599	391	164	42.2
Not specified laborers	254	10 105	593	836	1 402	769	878	1 697	2 066	778	647	439	38.4
Industry:													
Manufacturing	66	8 753	241	586	1 189	837	892	1 664	1 788	774	587	195	38.8
Durable goods	13	6 439	155	413	872	651	670	1 162	1 353	605	442	116	38.9
Wood products, including furniture	–	232	21	16	63	23	16	24	40	16	13	–	28.5
Metal industries	5	4 083	27	198	490	450	401	827	931	368	327	64	40.7
Machinery, including electrical	8	1 101	57	111	183	98	139	131	199	127	30	26	33.7
Transportation equipment	–	384	5	38	62	30	42	51	83	35	28	10	37.9
Other durable goods	–	639	45	50	74	50	72	129	100	59	44	16	37.2
Nondurable goods	53	2 160	86	173	309	182	197	480	378	149	140	66	37.8
Food and kindred products	20	926	25	68	80	57	105	228	192	66	80	25	40.6
Not specified manufacturing industries	–	154	–	–	8	4	25	22	57	20	5	13	48.2
Nonmanufacturing industries	294	6 776	493	432	763	438	554	1 100	1 534	603	451	408	41.4
Railroads and railway express service	–	827	9	31	77	32	130	156	176	91	71	54	43.6
Transportation, except railroads	–	533	16	11	104	42	39	122	118	54	16	11	39.5
Communications, and utilities and sanitary services	10	1 297	29	30	124	105	124	204	357	157	122	45	45.9
Wholesale and retail trade	99	1 858	236	217	202	93	109	310	362	114	92	123	37.3
All other industries	185	2 261	203	143	256	166	152	308	521	187	150	175	41.8
Farmers and farm managers	**9**	**4 664**	**29**	**37**	**222**	**335**	**335**	**951**	**1 164**	**596**	**474**	**521**	**48.6**
Farm laborers and farm foremen	**215**	**3 322**	**372**	**322**	**452**	**304**	**223**	**566**	**388**	**252**	**199**	**244**	**34.7**
Paid farm laborers and farm foremen	169	3 059	313	251	419	297	223	546	371	226	190	223	35.5
Unpaid family workers	46	263	59	71	33	7	–	20	17	26	9	21	20.2
Service workers, except private household[1]	**6 044**	**154 903**	**11 676**	**6 558**	**12 441**	**13 170**	**12 584**	**27 369**	**30 110**	**15 153**	**13 218**	**12 624**	**42.7**
Cleaning service workers	1 189	50 763	3 009	2 060	2 763	2 602	2 757	7 273	11 726	7 177	6 148	5 248	49.2
Food service workers	3 759	34 400	6 850	2 658	2 820	2 483	2 494	5 442	5 537	2 384	2 035	1 697	34.8
Cooks, except private household	725	12 976	2 241	1 012	943	1 013	1 091	2 399	2 150	902	750	475	35.8
Busboys and dishwashers	2 325	6 534	3 055	966	729	293	233	345	301	166	235	211	18.4
Health service workers	35	2 853	197	339	651	276	237	419	355	174	131	74	29.3
Personal service workers	368	14 095	967	524	1 136	1 414	1 169	2 315	2 584	1 212	1 145	1 629	42.9
Protective service workers	3	38 331	68	245	3 413	4 993	4 500	9 023	7 383	3 018	2 712	2 976	41.6
Firemen, fire protection	–	6 173	–	35	200	727	937	2 231	1 464	347	184	48	40.3
Guards and watchmen	–	12 265	51	83	971	733	716	1 483	2 526	1 594	1 878	2 230	53.3
Policemen and detectives	3	18 368	11	121	2 170	3 412	2 779	5 137	3 189	946	428	175	36.3
Private household workers	**226**	**987**	**47**	**36**	**61**	**75**	**67**	**131**	**207**	**97**	**114**	**152**	**48.7**

[1]Includes allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
CHICAGO SMSA—Continued													
Total—Continued													
Female employed	**10 116**	**1 097 449**	**38 987**	**60 280**	**162 883**	**111 670**	**87 371**	**203 801**	**234 004**	**94 124**	**62 368**	**41 961**	**39.3**
Professional, technical, and kindred workers	**281**	**161 772**	**767**	**2 083**	**30 084**	**28 436**	**16 891**	**31 725**	**28 164**	**10 517**	**7 641**	**5 464**	**35.8**
Accountants	11	7 273	18	254	1 156	839	527	1 288	1 752	679	491	269	41.5
Computer specialists	–	2 475	4	81	862	726	208	356	161	63	9	5	27.0
Librarians	17	3 455	74	113	330	382	338	612	777	337	278	214	43.0
Mathematical specialists	–	612	–	6	132	82	53	111	132	41	41	14	38.0
Life and physical scientists	–	1 425	5	24	245	332	167	302	233	32	75	10	33.2
Registered nurses, dietitians, and therapists	13	30 232	69	216	4 985	5 294	3 523	6 687	5 685	1 960	1 123	690	36.5
Dietitians	4	1 228	9	48	148	139	91	319	313	75	43	43	40.6
Registered nurses	9	26 900	35	131	4 311	4 620	3 199	6 029	5 159	1 778	1 045	593	36.9
Health technologists and technicians	25	6 733	38	228	1 993	1 386	664	1 073	863	256	117	115	29.0
Social scientists	5	1 001	–	4	142	212	144	189	198	43	38	31	34.9
Social and recreation workers	29	5 449	86	104	1 043	995	531	982	858	398	242	210	34.7
Teachers: College and university	–	3 626	5	95	439	716	439	813	605	181	189	144	36.5
Elementary and prekindergarten	28	42 932	58	114	8 380	7 532	4 475	8 817	6 962	2 768	2 432	1 394	36.0
Secondary	4	15 697	8	10	3 584	3 491	1 642	2 480	2 417	928	676	461	32.3
Other teachers	34	4 025	99	95	457	557	420	860	707	332	202	296	39.5
Engineering and science technicians	11	3 200	31	128	680	426	270	651	720	204	75	15	36.0
Technicians, except health, and engineering and science	–	553	4	14	118	91	52	100	92	39	39	4	34.8
Writers, artists, and entertainers	26	10 370	134	229	1 995	1 721	957	1 961	1 869	577	399	528	35.8
Actors and dancers	–	313	4	18	148	24	18	43	24	19	10	5	24.5
Authors, editors, and reporters	–	3 834	14	48	764	863	366	647	637	204	130	161	33.1
Other professional, technical, and kindred workers	78	22 714	134	368	3 543	3 654	2 481	4 443	4 133	1 679	1 215	1 064	37.6
Managers and administrators, except farm	**22**	**32 724**	**71**	**354**	**2 649**	**2 749**	**2 194**	**6 861**	**9 434**	**4 027**	**2 494**	**1 891**	**46.6**
Buyers, purchasing agents, and sales managers	–	5 687	8	95	601	481	336	1 095	1 678	727	465	201	46.4
Restaurant, cafeteria, and bar managers	–	2 254	12	29	82	103	139	496	848	275	138	132	48.1
School administrators	–	2 246	5	19	43	116	195	620	728	285	139	96	46.7
Other specified managers and administrators	5	8 025	35	119	883	820	543	1 516	2 037	915	647	510	45.5
Managers and administrators, n.e.c., salaried	17	12 341	11	92	1 025	1 119	880	2 705	3 438	1 484	905	682	46.0
Wholesale and retail trade	–	3 688	–	25	423	230	224	765	1 094	488	249	190	46.6
Managers and administrators, n.e.c., self-employed	–	2 171	–	–	15	110	101	429	705	341	200	270	51.1
Wholesale and retail trade	–	1 267	–	–	10	52	44	240	433	186	133	169	51.6
Sales workers	**1 402**	**80 855**	**9 166**	**6 082**	**6 721**	**4 711**	**4 334**	**13 023**	**18 052**	**8 165**	**5 713**	**4 888**	**42.2**
Demonstrators, hucksters, and peddlers	10	2 225	47	21	230	391	275	612	420	106	83	40	37.4
Insurance, real estate agents, and brokers	–	5 089	47	126	565	423	426	1 032	1 387	479	330	274	44.3
Sales clerks, retail trade	803	57 004	7 907	4 989	4 142	2 223	2 343	8 507	12 940	6 138	4 248	3 567	43.1
Salesmen, retail trade	18	2 113	194	92	205	106	98	370	543	204	160	141	44.8
Other sales workers	571	14 424	971	854	1 579	1 568	1 192	2 502	2 762	1 238	892	866	39.2
Clerical and kindred workers	**2 739**	**469 894**	**16 372**	**37 566**	**87 281**	**45 326**	**34 623**	**79 191**	**93 959**	**37 479**	**24 542**	**13 555**	**36.7**
Bank tellers	10	7 694	187	867	2 159	700	544	1 113	1 286	499	250	89	29.5
Bookkeepers	46	46 689	451	2 102	6 023	3 418	2 908	9 308	12 323	5 077	3 262	1 817	44.1
Cashiers	511	30 649	5 910	3 636	3 140	1 920	1 885	4 595	5 461	2 193	1 141	768	31.9
Counter clerks, except food	174	9 098	718	736	1 230	615	592	1 430	2 027	837	591	322	39.6
Enumerators and interviewers	–	1 136	28	60	154	112	122	303	249	44	27	37	38.0
File clerks	232	19 945	1 308	2 924	3 643	1 429	1 132	2 437	3 495	1 727	1 102	748	33.0
Office machine operators	30	25 223	396	1 877	5 893	3 303	2 656	4 289	4 084	1 396	851	478	32.2
Bookkeeping and billing machine operators	6	4 075	66	242	810	434	392	735	865	261	156	114	36.3
Keypunch operators	14	14 375	204	1 181	3 939	2 282	1 807	2 433	1 686	495	245	103	29.1
Payroll and timekeeping clerks	8	5 853	47	208	891	497	355	1 107	1 559	668	376	145	43.4
Receptionists	76	12 105	469	1 171	2 571	1 000	838	2 118	2 188	760	597	393	35.0
Secretaries	108	115 280	1 007	6 997	26 294	13 889	8 627	19 120	22 433	8 271	5 634	3 008	35.4
Stenographers	21	3 795	41	376	633	274	190	541	830	415	276	219	42.1
Telephone operators	41	16 795	768	1 740	2 557	1 069	931	2 605	3 436	1 731	1 389	569	40.1
Typists	141	52 871	1 756	6 406	11 100	4 609	3 813	8 028	9 268	3 894	2 537	1 460	33.4
Other clerical and kindred workers	1 341	122 761	3 286	8 466	20 993	12 491	10 030	22 197	25 320	9 967	6 509	3 502	37.8
Craftsmen and kindred workers	**86**	**20 323**	**250**	**470**	**1 915**	**1 820**	**1 681**	**4 307**	**5 505**	**2 221**	**1 314**	**840**	**44.3**
Foremen, n.e.c	4	5 797	11	22	343	409	402	1 224	1 816	905	467	198	47.7
Operatives, except transport	**671**	**158 810**	**2 035**	**4 534**	**14 704**	**14 161**	**14 221**	**35 485**	**42 404**	**16 104**	**9 619**	**5 543**	**43.4**
Assemblers	37	29 654	302	949	2 947	2 622	2 575	6 479	8 253	3 168	1 709	650	43.4
Bottling and canning operatives	–	459	3	43	53	31	14	88	111	50	34	32	44.7
Checkers, examiners, and inspectors; manufacturing	10	16 204	110	334	1 501	1 411	1 336	3 400	5 169	1 813	859	271	45.0
Dressmakers and seamstresses, except factory	8	3 034	20	46	68	98	71	438	856	479	481	477	54.1
Laundry and dry cleaning operatives, including ironers	52	6 106	189	194	312	352	370	1 459	1 702	659	522	347	46.0
Graders and sorters, manufacturing	–	528	15	15	50	33	85	103	132	48	42	5	41.4
Packers and wrappers, except produce	69	20 236	490	758	1 943	1 654	1 904	4 583	5 553	2 013	912	426	42.4
Sewers and stitchers	9	10 048	49	165	545	621	630	2 059	2 727	1 261	1 083	908	48.5
Textile operatives	–	395	16	6	36	27	38	142	73	36	15	6	40.2
Other specified operatives	418	39 145	497	1 110	3 969	3 956	4 114	8 576	9 444	3 550	2 314	1 615	41.9
Miscellaneous and not specified operatives	68	33 001	344	914	3 280	3 356	3 084	8 158	8 384	3 027	1 648	806	41.8
Manufacturing	53	30 253	267	780	2 917	3 146	2 811	7 598	7 803	2 787	1 481	663	41.9
Durable goods	26	16 139	157	426	1 617	1 786	1 619	4 089	3 874	1 484	737	350	41.0
Machinery, including electrical	11	8 685	110	235	1 011	928	982	2 184	2 038	804	266	127	39.9
Other durable goods	15	7 454	47	191	606	858	637	1 905	1 836	680	471	223	42.3
Nondurable goods, including not specified manufacturing	27	14 114	110	354	1 300	1 360	1 192	3 509	3 929	1 303	744	313	42.8
Food and kindred products	6	2 953	19	65	212	244	232	670	945	310	176	80	45.4
Apparel and other fabricated textile products	6	678	13	30	40	10	37	156	217	54	85	36	47.4
Nonmanufacturing industries	15	2 748	77	134	363	210	273	560	581	240	167	143	40.7
Transport equipment operatives	–	**3 624**	**36**	**84**	**323**	**449**	**506**	**1 078**	**731**	**179**	**138**	**100**	**38.8**
Laborers, except farm	**233**	**12 943**	**1 015**	**805**	**1 550**	**1 188**	**1 112**	**2 864**	**2 609**	**981**	**510**	**309**	**37.8**
Farmers and farm managers	**8**	**662**	**5**	**13**	**57**	**35**	**43**	**128**	**162**	**84**	**52**	**83**	**48.1**
Farm laborers and farm foremen	**40**	**888**	**39**	**28**	**153**	**89**	**52**	**207**	**167**	**74**	**50**	**29**	**39.0**
Paid farm laborers and farm foremen	36	686	34	5	125	68	37	166	124	57	45	25	39.5
Unpaid family workers	4	202	5	23	28	21	15	41	43	17	5	4	37.2
Service workers, except private household[1]	**2 798**	**136 907**	**8 392**	**7 739**	**16 615**	**11 791**	**10 825**	**26 669**	**28 987**	**11 720**	**8 026**	**6 143**	**39.9**
Cleaning service workers	154	18 088	424	256	551	798	984	3 397	5 561	2 697	2 083	1 337	49.7
Chambermaids and maids	37	4 122	164	93	259	197	250	827	1 241	507	343	241	47.2
Food service workers	1 571	50 795	5 386	3 197	3 946	3 911	3 887	10 695	11 093	4 196	2 667	1 817	39.7
Cooks, except private household	128	8 961	366	170	338	370	541	1 800	2 842	1 138	877	519	48.2
Waiters and food counter workers	1 108	31 110	3 994	2 231	3 084	3 029	2 763	6 975	5 596	1 844	977	617	35.7
Health service workers	135	27 150	1 345	2 372	4 566	2 728	2 524	5 302	4 522	1 700	1 120	971	35.1
Nursing aides, orderlies, and attendants	72	15 269	809	1 394	2 418	1 510	1 445	3 154	2 493	872	660	514	35.2
Practical nurses	–	5 716	5	108	724	660	665	1 316	1 173	555	285	225	40.3
Personal service workers	346	23 065	773	1 138	5 689	2 583	1 693	3 514	4 021	1 583	1 112	959	34.0
Hairdressers and cosmetologists	51	12 355	290	747	2 848	1 443	1 056	2 095	2 226	830	463	357	34.0
Private household workers	**1 836**	**18 047**	**839**	**522**	**831**	**915**	**889**	**2 263**	**3 830**	**2 573**	**2 269**	**3 116**	**52.2**
Private household workers, living in	–	2 271	14	49	161	113	115	281	379	292	302	565	55.4
Private household workers, living out	1 836	15 776	825	473	670	802	774	1 982	3 451	2 281	1 967	2 551	51.8

[1]Includes protective service workers and allocated cases not shown separately.

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
CHICAGO SMSA—Continued													
Negro													
Male employed	**1 771**	**231 694**	**3 619**	**7 213**	**26 233**	**32 587**	**30 313**	**56 475**	**43 181**	**15 263**	**10 118**	**6 692**	**37.8**
Professional, technical, and kindred workers	41	14 818	85	300	1 879	2 867	2 516	3 838	2 132	593	337	271	34.5
Engineers	–	890	6	–	70	176	160	268	193	10	–	7	36.2
Lawyers and judges	–	300	–	10	10	27	39	58	78	35	23	20	45.8
Life and physical scientists	–	377	–	–	16	74	34	152	85	10	6	–	39.2
Physicians, dentists, and related practitioners	5	821	–	–	31	66	130	265	159	45	41	84	41.9
Health workers, except practitioners	–	818	5	24	116	146	134	218	133	26	13	3	34.4
Social and recreation workers	24	893	34	23	94	127	145	223	167	41	25	14	36.1
Teachers	12	3 023	3	26	271	600	616	933	398	99	50	27	35.0
Technicians, except health	–	1 439	15	41	341	378	261	266	73	44	17	3	29.3
Writers, artists, and entertainers	–	1 209	7	71	165	266	223	304	116	16	18	23	32.1
Other professional, technical, and kindred workers	–	5 048	15	105	765	1 007	774	1 151	730	267	144	90	34.1
Managers and administrators, except farm	19	7 515	22	36	579	1 167	1 194	2 092	1 436	502	283	204	38.6
Salaried	19	6 351	22	36	537	1 072	1 048	1 783	1 147	388	217	101	37.6
Manufacturing	–	708	4	12	73	116	102	215	135	31	10	10	37.2
Retail trade	10	1 775	4	7	214	383	304	505	234	66	37	21	34.6
All other industries	9	3 868	14	17	250	573	642	1 063	778	291	170	70	39.1
Self-employed	–	1 164	–	–	42	95	146	309	289	114	66	103	44.7
Retail trade	–	697	–	–	38	64	96	190	166	71	40	32	42.9
All other industries	–	467	–	–	4	31	50	119	123	43	26	71	47.4
Sales workers	304	7 224	234	339	1 021	1 347	1 074	1 617	914	243	226	209	33.1
Manufacturing and wholesale trade	222	1 557	69	48	157	319	296	381	173	40	44	30	33.1
Retail trade	82	3 906	165	282	637	605	509	847	501	132	118	110	32.6
All other industries	–	1 761	–	9	227	423	269	389	240	71	64	69	34.1
Clerical and kindred workers	228	25 887	559	1 508	4 009	3 901	3 358	5 426	4 307	1 515	762	542	34.4
Bookkeepers and billing clerks	6	904	20	32	190	151	111	161	127	52	26	34	32.7
Mail handlers and postal clerks	8	7 965	72	395	982	948	976	1 975	1 806	536	199	76	38.1
Other clerical and kindred workers	214	17 018	467	1 081	2 837	2 802	2 271	3 290	2 374	927	537	432	32.9
Craftsmen and kindred workers	82	36 474	129	696	3 559	4 920	5 255	10 448	7 271	2 298	1 175	723	38.5
Carpenters	–	932	–	12	77	83	131	306	200	46	24	53	40.3
Construction craftsmen, except carpenters	12	5 292	29	71	460	571	728	1 571	1 136	422	174	130	40.0
Automobile mechanics, including body repairmen	–	4 108	4	45	247	473	702	1 314	830	245	193	55	39.4
Mechanics and repairmen, except auto	–	4 667	16	90	485	739	627	1 274	921	285	172	58	38.0
Machinists	–	1 100	–	23	129	224	165	317	148	74	18	2	35.3
Metal craftsmen, except mechanics and machinists	–	2 662	5	28	237	368	344	731	659	185	77	28	39.8
Foremen, n.e.c	–	4 129	13	29	245	499	678	1 362	923	218	93	69	39.4
Other craftsmen and kindred workers	70	13 584	62	398	1 679	1 963	1 880	3 573	2 454	823	424	328	37.3
Operatives, except transport	205	52 911	438	1 666	6 502	8 082	7 123	13 067	9 555	3 309	2 157	1 012	37.0
Assemblers	–	3 826	41	117	706	628	479	872	651	193	112	27	34.4
Garage workers and gas station attendants	24	1 538	65	92	133	160	236	425	257	69	65	36	37.0
Laundry and drycleaning operatives, including ironers	6	1 591	29	43	85	131	152	386	361	174	123	107	44.2
Precision machine operatives	–	2 005	4	50	198	340	302	460	402	183	49	17	37.4
Other operatives, except transport	175	43 951	299	1 364	5 380	6 823	5 954	10 924	7 884	2 690	1 808	825	37.0
Durable goods, manufacturing	55	24 302	64	662	2 945	3 983	3 389	6 142	4 321	1 496	940	360	36.8
Nondurable goods, including not specified manufacturing	46	12 307	98	415	1 668	1 918	1 572	3 001	2 167	673	539	256	36.6
Nonmanufacturing industries	74	7 342	137	287	767	922	993	1 781	1 396	521	329	209	38.2
Transport equipment operatives	88	24 283	107	361	2 782	3 866	3 514	6 516	4 521	1 386	746	484	37.3
Truck drivers	8	6 545	10	40	482	783	858	2 218	1 395	412	213	134	40.0
Other transport equipment operatives	80	17 738	97	321	2 300	3 083	2 656	4 298	3 126	974	533	350	36.0
Laborers, except farm	378	25 132	981	1 269	3 158	2 890	2 725	5 392	5 053	1 677	1 193	794	37.9
Construction laborers	9	3 452	9	48	253	375	339	915	921	315	185	92	42.7
Freight, stock, and material handlers	163	10 594	673	791	1 660	1 418	1 250	2 028	1 760	449	326	239	33.0
Other laborers, except farm	206	11 086	299	430	1 245	1 097	1 136	2 449	2 372	913	682	463	40.5
Manufacturing industries	39	4 445	16	158	561	506	489	1 072	959	327	255	102	39.6
Farmers and farm managers	5	241	–	6	21	48	25	46	66	16	13	–	39.5
Farm laborers and farm foremen	6	467	29	39	69	29	27	129	51	40	39	15	38.1
Service workers, except private household[1]	397	36 099	1 018	980	2 629	3 404	3 457	7 826	7 708	3 612	3 132	2 333	43.4
Cleaning service workers	182	14 775	257	275	723	967	1 086	2 934	3 772	1 939	1 641	1 181	48.0
Food service workers	100	6 102	443	357	459	558	526	1 210	1 208	530	470	341	40.9
Health service workers	9	1 022	54	68	153	93	128	252	163	70	34	7	35.6
Personal service workers	31	2 910	124	121	164	233	200	586	627	325	276	254	45.4
Protective service workers	–	5 657	5	27	441	819	864	1 526	981	292	338	364	39.4
Private household workers	18	643	17	13	25	66	45	78	167	72	55	105	49.6
Female employed	**1 165**	**178 321**	**3 144**	**7 791**	**26 081**	**24 623**	**22 849**	**42 228**	**31 714**	**9 515**	**6 319**	**4 057**	**36.1**
Professional, technical, and kindred workers	85	19 691	153	254	2 552	3 442	2 954	5 488	3 240	813	556	239	35.9
Registered nurses	–	3 133	8	22	268	419	500	1 017	640	186	57	16	38.4
Health workers, except nurses	14	1 840	11	61	303	298	253	477	279	78	47	33	34.9
Teachers, elementary and secondary schools	16	7 199	23	50	878	1 497	1 159	2 068	1 016	232	239	37	35.0
Technicians, except health	–	329	15	–	85	59	26	94	40	4	6	–	31.1
Other professional, technical, and kindred workers	55	7 190	96	121	1 018	1 169	1 016	1 832	1 265	313	207	153	36.0
Managers and administrators, except farm	–	2 960	5	34	268	301	318	896	824	122	130	62	41.2
Salaried	–	2 667	5	34	263	285	307	818	726	107	79	43	40.4
Self-employed	–	293	–	–	5	16	11	78	98	15	51	19	48.7
Sales workers	125	6 023	396	608	951	748	668	1 302	867	255	126	102	32.3
Retail trade	115	4 937	361	536	810	607	549	1 013	693	195	93	80	31.4
Clerical and kindred workers	536	61 810	1 707	4 582	13 988	10 397	8 527	12 713	6 941	1 594	881	480	30.1
Bookkeepers and cashiers	27	6 763	347	499	1 238	1 141	889	1 436	822	222	111	58	30.9
Office machine operators	14	4 424	37	252	1 296	950	848	727	253	45	11	5	28.3
Secretaries, stenographers, and typists	39	13 694	391	1 247	3 811	2 483	1 838	2 429	1 093	173	135	94	27.8
Other clerical and kindred workers	456	36 929	932	2 584	7 643	5 823	4 952	8 121	4 773	1 154	624	323	31.5
Craftsmen and kindred workers	11	3 820	11	92	436	540	496	1 090	788	191	95	81	38.1
Operatives, except transport	153	35 221	226	907	3 934	4 633	4 735	9 098	7 540	2 106	1 336	706	38.5
Sewers and stitchers	–	2 483	–	30	138	193	169	523	820	250	243	117	47.3
Laundry and drycleaning operatives, including ironers	24	3 513	36	86	176	202	280	972	1 065	346	251	99	45.0
Other operatives, except transport	129	29 225	190	791	3 620	4 238	4 286	7 603	5 655	1 510	842	490	37.0
Durable goods, manufacturing	43	13 918	73	353	1 724	2 111	2 122	3 940	2 485	652	293	165	36.5
Nondurable goods, including not specified manufacturing	34	10 806	64	247	1 455	1 584	1 522	2 677	2 272	510	310	165	37.0
Nonmanufacturing industries	52	4 501	53	191	441	543	642	986	898	348	239	160	38.9
Transport equipment operatives	–	507	5	13	39	55	43	135	126	46	12	33	42.3
Laborers, except farm	32	4 184	105	245	604	562	562	1 038	629	231	131	77	35.1
Farmers and farm managers	8	201	–	7	32	11	16	76	15	16	20	8	39.5
Farm laborers and farm foremen	–	347	–	6	110	34	5	100	44	17	20	11	36.9
Service workers, except private household[1]	168	33 699	504	997	2 835	3 368	3 956	8 652	8 032	2 513	1 825	1 017	41.0
Cleaning service workers	4	6 769	34	70	236	345	488	1 632	2 184	766	687	327	47.7
Food service workers	35	7 309	168	367	489	679	804	1 857	1 822	578	383	162	41.2
Health service workers	6	10 045	150	268	1 233	1 373	1 502	2 817	1 876	426	252	148	36.8
Practical nurses	–	2 690	5	25	193	394	505	807	539	131	48	43	37.8
Personal service workers	42	3 901	76	97	238	278	432	945	1 076	359	258	142	43.8
Protective service workers	–	664	–	5	39	77	83	177	168	61	31	23	42.2
Private household workers	47	9 858	32	46	332	532	569	1 640	2 668	1 611	1 187	1 241	51.7

[1]Includes allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

CHICAGO SMSA—Continued

Persons of Spanish Language

	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	**666**	**76 979**	**1 756**	**3 530**	**11 190**	**12 725**	**11 415**	**20 644**	**10 288**	**2 416**	**1 855**	**1 160**	**34.1**
Professional, technical, and kindred workers	–	5 488	19	84	582	922	1 018	1 691	821	135	108	108	35.7
Engineers	–	679	–	–	50	96	191	251	69	14	8	–	35.1
Lawyers and judges	–	113	–	–	–	7	8	44	27	8	7	12	44.4
Life and physical scientists	–	137	–	–	7	–	21	36	48	6	13	6	45.9
Physicians, dentists, and related practitioners	–	844	–	–	15	53	119	385	222	18	8	24	41.1
Health workers, except practitioners	–	238	–	7	18	41	98	44	25	–	5	–	32.7
Social and recreation workers	–	145	13	8	33	36	9	40	6	–	–	–	27.6
Teachers	–	543	6	6	40	128	105	178	60	14	–	6	34.4
Technicians, except health	–	926	–	30	225	176	133	210	80	23	25	24	31.2
Writers, artists, and entertainers	–	442	–	5	27	54	132	120	71	19	8	6	35.3
Other professional, technical, and kindred workers	–	1 421	–	28	167	331	202	383	213	33	34	30	34.6
Managers and administrators, except farm	5	2 582	8	5	304	309	460	869	431	85	72	39	37.4
Salaried	5	2 223	–	5	277	288	377	753	382	58	51	32	37.2
Manufacturing	–	578	–	–	37	65	88	146	192	35	–	15	41.8
Retail trade	5	630	–	5	128	131	105	200	37	17	7	–	32.4
All other industries	–	1 015	–	–	112	92	184	407	153	6	44	17	37.9
Self-employed	–	359	8	–	27	21	83	116	49	27	21	7	38.5
Retail trade	–	253	8	–	27	14	68	89	35	12	–	–	36.1
All other industries	–	106	–	–	–	7	15	27	14	15	21	7	47.9
Sales workers	131	2 357	133	176	296	460	269	514	306	104	53	46	32.1
Manufacturing and wholesale trade	87	693	24	39	62	151	104	150	96	34	26	7	33.4
Retail trade	44	1 104	109	122	174	154	97	213	137	39	27	32	29.8
All other industries	–	560	–	15	60	155	68	151	73	31	–	7	33.7
Clerical and kindred workers	80	6 341	173	476	1 165	1 140	792	1 553	669	215	93	65	31.4
Bookkeepers and billing clerks	–	429	8	14	51	91	65	115	31	13	8	33	33.9
Mail handlers and postal clerks	–	451	22	22	110	70	35	131	38	11	12	–	30.2
Other clerical and kindred workers	80	5 461	143	440	1 004	979	692	1 307	600	191	73	32	31.2
Craftsmen and kindred workers	14	14 294	81	363	1 666	2 547	2 184	4 328	2 210	371	342	202	35.7
Carpenters	–	495	–	5	67	69	63	165	102	24	–	–	37.6
Construction craftsmen, except carpenters	–	1 754	12	54	205	295	207	518	340	46	71	6	37.0
Automobile mechanics, including body repairmen	–	1 121	19	46	181	214	210	290	127	21	13	–	32.4
Mechanics and repairmen, except auto	–	2 218	15	29	291	385	368	680	332	55	40	23	35.3
Machinists	–	641	–	18	45	68	59	271	115	35	14	16	39.8
Metal craftsmen, except mechanics and machinists	–	1 731	–	16	146	401	265	579	237	45	36	6	35.6
Foremen, n.e.c.	–	1 927	–	19	67	322	398	697	297	37	66	24	37.3
Other craftsmen and kindred workers	14	4 407	35	176	664	793	614	1 128	660	108	102	127	34.4
Operatives, except transport	73	26 569	442	1 262	4 579	4 561	4 051	6 909	3 278	731	516	240	33.0
Assemblers	25	3 321	58	173	838	511	524	753	308	93	45	18	30.8
Garage workers and gas station attendants	–	335	51	56	35	52	33	72	19	11	–	6	27.5
Laundry and drycleaning operatives, including ironers	–	222	6	–	24	65	47	40	8	14	18	–	31.7
Precision machine operatives	–	1 531	9	64	159	323	262	427	195	53	29	10	34.0
Other operatives, except transport	48	21 160	318	969	3 523	3 610	3 185	5 617	2 748	560	424	206	33.4
Durable goods, manufacturing	30	12 987	177	598	2 080	2 075	1 892	3 543	1 821	388	291	122	34.1
Nondurable goods, including not specified manufacturing	5	5 550	94	225	1 070	1 042	920	1 373	568	133	89	36	31.9
Nonmanufacturing industries	13	2 623	47	146	373	493	373	701	359	39	44	48	33.4
Transport equipment operatives	37	3 966	42	124	473	786	708	1 094	576	65	51	47	33.9
Truck drivers	6	1 464	12	21	138	254	306	448	242	19	20	4	35.0
Other transport equipment operatives	31	2 502	30	103	335	532	402	646	334	46	31	43	33.1
Laborers, except farm	119	7 639	420	658	1 184	1 050	870	1 919	913	324	172	129	32.9
Construction laborers	–	766	8	26	101	134	103	275	67	35	4	13	35.4
Freight, stock, and material handlers	68	3 368	299	391	538	447	350	770	380	86	67	40	30.1
Other laborers, except farm	51	3 505	113	241	545	469	417	874	466	203	101	76	34.6
Manufacturing industries	11	1 860	40	122	212	304	262	468	233	114	77	28	34.8
Farmers and farm managers	–	47	–	–	16	11	–	4	7	9	–	–	...
Farm laborers and farm foremen	13	444	13	13	56	87	58	100	30	29	44	14	34.6
Service workers, except private household[1]	187	7 227	425	369	869	852	999	1 644	1 047	348	404	270	35.6
Cleaning service workers	58	2 640	129	100	307	208	227	671	521	178	207	92	40.2
Food service workers	95	2 928	235	179	340	359	535	628	297	119	152	84	33.3
Health service workers	–	116	8	29	11	21	7	5	14	–	5	16	27.4
Personal service workers	9	579	12	20	82	100	52	124	117	20	16	36	36.9
Protective service workers	–	533	11	–	69	129	95	110	62	–	15	42	33.0
Private household workers	7	25	–	–	–	–	6	19	–	–	–	–	...
Female employed	**348**	**38 343**	**1 680**	**2 695**	**7 821**	**5 303**	**4 828**	**9 574**	**4 396**	**1 119**	**623**	**304**	**31.7**
Professional, technical, and kindred workers	–	2 830	31	71	592	517	400	683	391	63	64	18	32.6
Registered nurses	–	574	8	–	90	157	69	112	103	14	21	–	32.3
Health workers, except nurses	–	431	9	21	76	50	67	128	64	8	8	–	34.4
Teachers, elementary and secondary schools	–	607	3	–	141	123	89	142	83	19	7	–	32.1
Technicians, except health	–	170	–	8	47	21	17	36	24	–	17	–	32.6
Other professional, technical, and kindred workers	–	1 048	11	42	238	166	158	265	117	22	11	18	32.1
Managers and administrators, except farm	–	455	–	19	65	55	62	138	54	41	8	13	36.9
Salaried	–	400	–	19	65	49	41	110	54	41	8	13	37.4
Self-employed	–	55	–	–	–	6	21	28	–	–	–	–	...
Sales workers	31	1 606	226	224	226	129	128	274	244	92	24	39	29.9
Retail trade	20	1 328	202	181	197	81	101	245	192	72	18	39	30.1
Clerical and kindred workers	80	11 086	719	1 293	3 131	1 573	1 154	2 022	761	238	106	89	26.3
Bookkeepers and cashiers	21	1 581	205	162	362	163	145	370	124	12	19	19	26.9
Office machine operators	–	925	28	85	279	159	129	190	46	–	–	9	27.2
Secretaries, stenographers, and typists	5	3 789	90	533	1 198	666	368	590	194	100	28	22	25.6
Other clerical and kindred workers	54	4 791	396	513	1 292	585	512	872	397	126	59	39	26.7
Craftsmen and kindred workers	17	1 070	21	31	204	136	202	278	121	39	14	24	33.5
Operatives, except transport	78	16 139	337	785	2 758	2 349	2 241	4 806	2 081	437	265	80	34.1
Sewers and stitchers	–	1 316	7	36	152	168	159	422	256	68	34	14	38.2
Laundry and drycleaning operatives, including ironers	–	348	–	5	64	–	43	127	58	25	20	6	39.9
Other operatives, except transport	78	14 475	330	744	2 542	2 181	2 039	4 257	1 767	344	211	60	33.5
Durable goods, manufacturing	39	9 425	145	485	1 727	1 528	1 440	2 726	1 047	180	87	60	32.9
Nondurable goods, including not specified manufacturing	39	4 134	128	207	661	531	492	1 327	561	134	93	–	35.4
Nonmanufacturing industries	–	916	57	52	154	122	107	204	159	30	31	–	33.4
Transport equipment operatives	–	84	6	11	7	4	23	20	7	6	–	–	...
Laborers, except farm	32	794	36	26	161	67	104	277	87	28	8	–	35.1
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	30	–	5	6	7	–	7	5	–	–	–	...
Service workers, except private household[1]	101	3 817	280	221	613	422	496	934	572	136	115	28	33.8
Cleaning service workers	9	708	42	27	63	52	76	169	162	77	40	–	40.6
Food service workers	33	1 282	157	73	143	98	175	371	196	28	35	6	34.9
Health service workers	–	745	47	78	131	97	134	160	59	12	20	7	30.7
Practical nurses	–	171	–	5	52	23	36	26	20	–	9	–	30.8
Personal service workers	14	657	20	31	181	129	63	152	55	19	7	–	28.7
Protective service workers	–	37	–	–	–	–	3	20	14	–	–	–	...
Private household workers	9	432	24	9	58	44	18	135	73	39	19	13	39.7

[1]Includes allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA													
Total													
Male employed	1 030	89 539	2 598	3 315	8 788	11 240	9 566	18 500	18 831	7 716	5 311	3 674	40.0
Professional, technical, and kindred workers	3	11 592	20	150	1 050	2 227	1 707	2 687	2 208	744	468	331	37.4
Accountants	–	954	–	–	98	202	149	193	164	54	75	19	36.5
Architects	–	47	–	–	–	11	–	10	21	–	–	5	...
Computer specialists	–	321	–	–	15	138	54	49	38	16	11	–	30.7
Engineers	–	2 737	–	–	182	502	382	733	577	220	72	69	39.1
Aeronautical and astronautical	–	4	–	–	–	–	4	–	–	–	–	–	...
Civil	–	279	–	–	29	36	40	72	34	38	15	15	39.8
Electrical and electronic	–	314	–	–	14	70	58	77	69	4	17	5	36.9
Mechanical	–	619	–	–	32	105	71	176	161	46	12	16	40.8
Other engineers	–	1 521	–	–	107	291	209	408	313	132	28	33	38.8
Lawyers and judges	–	349	–	–	–	38	40	78	98	36	40	19	46.9
Life and physical scientists	–	189	–	–	9	30	29	62	49	5	–	5	39.3
Chemists	–	164	–	–	4	30	18	58	44	5	–	5	40.2
Physicians, dentists, and related practitioners	–	764	–	–	17	61	83	170	208	45	99	81	47.5
Dentists	–	157	–	–	–	12	8	41	48	9	24	15	48.6
Pharmacists	–	126	–	–	17	31	15	16	14	11	10	12	35.0
Physicians, medical and osteopathic	–	345	–	–	–	–	41	82	108	21	53	40	49.6
Other related practitioners	–	136	–	–	–	18	19	31	38	4	12	14	45.0
Health technologists and technicians	–	106	–	11	19	23	10	23	12	8	–	–	30.0
Religious workers	3	394	–	5	–	19	53	94	110	42	18	53	47.4
Social scientists	–	133	–	–	–	36	8	30	34	25	–	–	42.5
Social and recreation workers	–	146	–	25	34	38	24	9	7	4	–	5	26.8
Teachers	–	1 872	5	6	254	460	346	428	234	77	47	15	33.0
College and university	–	411	–	–	23	90	110	112	48	19	9	–	34.2
Elementary and prekindergarten	–	346	–	–	63	112	28	46	56	26	5	10	29.9
Secondary	–	1 035	–	–	154	258	193	260	108	32	25	5	32.7
Engineering and science technicians	–	1 300	15	66	222	228	149	282	194	88	31	25	34.0
Draftsmen and surveyors	–	753	10	49	161	140	55	126	125	53	15	19	31.5
Electrical and electronic engineering technicians	–	142	–	7	16	11	29	40	23	16	–	–	37.0
Technicians, except health, and engineering and science	–	132	–	–	13	22	15	20	34	23	5	–	43.0
Airplane pilots	–	28	–	–	–	5	6	6	–	11	–	–	...
Writers, artists, and entertainers	–	711	–	16	39	140	107	192	131	48	23	15	37.8
Other professional, technical, and kindred workers	–	1 437	–	21	148	279	258	314	297	53	47	20	35.4
Managers and administrators, except farm	21	8 608	39	52	427	763	840	2 244	2 431	786	612	414	44.7
Buyers, purchasing agents, and sales managers	–	1 378	5	9	122	152	163	356	356	95	96	24	41.7
School administrators	–	265	–	–	5	14	28	110	60	15	29	4	42.8
Specified managers and administrators, public administration	–	564	–	3	–	20	26	119	222	66	63	45	50.1
Other specified managers and administrators	17	1 542	12	17	99	147	155	386	369	171	79	107	43.8
Managers and administrators, n.e.c., salaried	4	3 885	22	23	173	364	426	1 045	1 082	344	238	168	43.9
Manufacturing	4	1 281	–	5	24	80	135	337	399	154	88	59	46.5
Wholesale and retail trade	–	1 254	16	15	98	150	141	306	301	97	70	60	41.8
Transportation, communications, and other public utilities	–	383	–	–	22	30	36	107	107	29	37	15	44.7
All other industries	–	967	6	3	29	104	114	295	275	64	43	34	42.7
Managers and administrators, n.e.c., self-employed	–	974	–	–	28	66	42	228	342	95	107	66	48.6
Construction	–	184	–	–	–	10	20	71	57	6	12	8	43.7
Manufacturing	–	60	–	–	–	5	–	12	34	–	9	–	...
Wholesale and retail trade	–	526	–	–	18	51	17	87	191	60	64	38	49.7
All other industries	–	204	–	–	10	–	5	58	60	29	22	20	49.8
Sales workers	532	6 069	219	269	546	690	686	1 285	1 201	449	328	396	39.9
Insurance agents, brokers, and underwriters	7	792	8	–	44	106	92	201	181	58	37	65	42.3
Real estate agents and brokers	–	328	–	–	–	10	39	56	84	36	46	57	52.0
Sales representatives, manufacturing industries	–	681	–	–	48	120	101	168	153	42	34	15	39.3
Sales representatives, wholesale trade	–	1 255	4	10	74	179	181	323	312	74	53	45	40.6
Sales clerks, retail trade	25	1 291	101	161	157	120	88	197	181	118	99	69	35.9
Salesmen, retail trade	–	727	–	17	102	68	74	155	152	58	22	79	41.6
Salesmen of services and construction	–	298	5	24	34	33	42	64	40	22	5	29	36.7
Other sales workers	500	697	101	57	87	54	69	121	98	41	32	37	33.6
Clerical and kindred workers	24	6 161	161	246	740	810	619	1 177	1 329	523	339	217	39.3
Bank tellers and cashiers	–	178	21	46	23	16	11	14	25	14	4	4	24.8
Bookkeepers and billing clerks	–	474	12	17	32	65	59	102	60	70	35	22	40.1
Mail handlers and postal clerks	–	645	14	10	28	77	65	146	201	55	49	–	43.8
Other clerical and kindred workers	24	4 864	114	173	657	652	484	915	1 043	384	251	191	38.8
Craftsmen and kindred workers	19	19 664	122	334	1 798	2 215	2 235	4 539	4 849	1 823	1 217	532	41.9
Apparel craftsmen and upholsterers	–	66	–	5	9	–	11	10	6	4	10	11	...
Bakers	–	101	–	8	10	12	14	15	19	8	9	6	39.3
Cabinetmakers	–	66	–	–	5	6	5	20	4	5	9	12	...
Construction craftsmen	11	4 793	11	74	446	574	518	1 132	1 220	435	276	107	41.8
Carpenters	–	1 289	–	14	118	102	169	299	334	146	62	45	43.1
Excavating, grading, and road machine operators	–	451	–	5	35	54	43	114	120	45	20	15	42.8
Electricians	–	1 173	–	4	78	184	110	308	292	116	59	22	41.8
Masons and tile setters	7	301	–	15	34	41	37	60	84	5	25	–	38.9
Painters, construction and maintenance, and paperhangers	–	399	11	10	30	32	54	67	91	47	52	5	44.3
Plasterers and cement finishers	–	137	–	–	14	43	4	47	25	–	4	–	36.6
Plumbers and pipe fitters	4	793	–	16	88	69	83	194	236	62	34	11	42.2
Other construction craftsmen	–	250	–	10	49	49	18	43	38	14	20	9	34.7
Foremen, n.e.c.	–	3 025	–	–	63	224	378	868	911	390	137	54	44.8
Manufacturing	–	2 139	–	–	24	150	256	610	698	294	77	30	45.4
Nonmanufacturing industries	–	886	–	–	39	74	122	258	213	96	60	24	43.1
Linemen and servicemen, telephone and power	–	578	–	17	99	117	49	164	102	16	14	–	35.4
Locomotive engineers and firemen	–	113	–	–	–	8	4	24	40	10	13	14	50.1
Mechanics and repairmen	–	4 277	76	108	528	458	494	967	910	351	234	151	39.9
Air conditioning, heating, and refrigeration	–	197	–	10	29	9	14	53	42	26	–	14	41.9
Aircraft	–	50	–	–	18	12	–	11	6	3	–	–	...
Automobile, including body	–	1 488	44	58	241	192	183	311	265	104	65	25	35.8
Radio and television	–	142	7	–	9	23	7	43	30	13	4	6	40.8
Other mechanics and repairmen	–	2 400	25	40	231	222	290	549	567	205	165	106	42.1
Metal craftsmen, except mechanics	–	3 432	15	55	283	492	341	665	942	310	263	66	43.0
Machinists and job and die setters	–	1 269	10	24	99	177	141	253	355	107	77	26	42.3
Sheetmetal workers and tinsmiths	–	327	–	–	56	52	30	62	84	16	27	–	39.1
Tool and die makers	–	774	–	6	81	106	63	105	244	91	69	9	46.1
Other metal craftsmen	–	1 062	5	25	47	157	107	245	259	96	90	31	42.8
Printing craftsmen	–	491	10	21	80	47	54	131	94	30	19	5	37.6
Compositors and typesetters	–	219	10	12	39	27	20	53	48	10	–	–	35.3
Pressmen and plate printers, printing	–	221	–	9	22	20	34	73	34	20	4	5	38.5
Stationary engineers and power station operators	–	244	–	–	12	24	24	64	58	23	24	15	44.7
Other craftsmen and kindred workers	8	2 478	10	46	263	253	343	479	543	241	209	91	41.8

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**32**	**15 779**	**367**	**698**	**1 840**	**2 485**	**1 711**	**3 026**	**3 068**	**1 472**	**778**	**334**	**37.6**
Assemblers	–	1 936	4	72	261	460	190	319	373	152	90	15	34.5
Checkers, examiners, and inspectors; manufacturing	–	922	–	5	93	148	82	188	204	130	53	19	42.1
Garage workers and gas station attendants	–	705	184	145	97	67	30	28	50	51	10	43	21.2
Laundry and drycleaning operatives, n.e.c	–	135	19	34	19	9	4	9	–	19	12	10	23.8
Meat cutters and butchers	–	609	16	29	95	60	73	200	73	23	19	21	36.6
Mine operatives, n.e.c	–	49	–	9	5	4	11	5	10	–	5	–	...
Packers and wrappers, except produce	–	404	25	35	63	34	21	94	64	39	18	11	37.6
Painters, manufactured articles	–	340	–	7	48	54	38	84	52	32	16	9	37.7
Precision machine operatives	4	1 873	5	17	177	300	220	359	425	250	101	19	41.1
Sawyers	–	137	–	–	8	16	25	37	16	17	11	7	40.3
Stationary firemen	–	144	–	5	11	4	21	15	41	29	14	4	48.9
Textile operatives	–	23	–	7	–	4	–	6	6	–	–	–	...
Welders and flamecutters	5	1 736	–	33	168	318	214	340	390	161	90	22	39.0
Other metalworking operatives	–	1 027	18	23	88	133	129	196	266	121	45	8	41.3
Other specified operatives	17	1 950	31	81	201	344	271	391	339	110	111	71	36.2
Miscellaneous and not specified operatives	6	3 789	65	196	506	530	382	755	759	338	183	75	37.9
Occupation:													
Machine operatives, miscellaneous specified	6	1 475	22	87	186	189	149	269	343	151	73	6	38.9
Machine operatives, not specified	–	1 087	–	34	119	160	123	225	246	101	54	25	39.8
Miscellaneous operatives	–	804	33	45	140	105	90	189	123	37	18	24	34.4
Not specified operatives	–	423	10	30	61	76	20	72	47	49	38	20	37.0
Industry:													
Manufacturing	–	3 324	37	155	445	469	340	687	657	319	173	42	38.1
Durable goods	–	2 736	25	98	329	391	267	570	576	278	164	38	39.5
Wood products, including furniture	–	34	–	11	4	7	6	–	–	–	–	6	...
Primary metal industries	–	769	5	23	118	115	88	170	138	38	58	16	37.1
Fabricated metal industries	–	179	10	12	36	5	18	33	36	19	5	5	37.6
Machinery, including electrical	–	1 319	–	17	117	244	140	299	272	153	66	11	39.7
Motor vehicles and equipment	–	58	–	16	23	5	–	–	5	9	–	–	...
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	377	10	19	31	15	15	68	125	59	35	–	47.4
Nondurable goods	–	573	12	57	116	72	69	117	81	41	4	4	32.1
Food and kindred products	–	326	–	12	71	56	47	72	38	26	4	–	32.6
Apparel and other fabricated textile products	–	47	5	34	4	–	–	–	4	–	–	–	...
Paper and allied products	–	48	–	5	15	11	–	6	5	6	–	–	...
Chemicals and allied products	–	24	–	–	4	–	11	–	9	–	–	–	...
Other nondurable goods	–	128	7	6	22	5	11	39	25	9	–	4	38.3
Not specified manufacturing industries	–	15	–	–	–	6	4	–	–	–	5	–	...
Nonmanufacturing industries	6	465	28	41	61	61	42	68	102	19	10	33	34.9
Transportation, communications, and other public utilities	–	86	–	12	20	4	10	11	19	–	10	–	...
Wholesale and retail trade	–	173	18	5	36	34	21	25	13	10	–	11	29.0
All other industries	6	206	10	24	5	23	11	32	70	9	–	22	44.4
Transport equipment operatives	**5**	**5 353**	**47**	**197**	**595**	**682**	**681**	**1 154**	**1 054**	**507**	**272**	**164**	**39.1**
Bus drivers	–	106	–	10	16	–	19	15	25	–	16	5	40.3
Taxicab drivers and chauffeurs	–	134	–	–	12	18	6	17	29	16	15	21	49.8
Truck drivers and deliverymen	5	3 672	35	138	388	465	489	790	750	374	164	79	39.1
Other transport equipment operatives	–	1 441	12	49	179	199	167	332	250	117	77	59	38.4
Laborers, except farm	**92**	**5 740**	**652**	**749**	**894**	**591**	**356**	**785**	**813**	**375**	**318**	**207**	**29.9**
Construction laborers	–	806	24	67	170	99	47	125	157	55	37	25	34.6
Freight, stock, and material handlers	21	2 427	465	443	377	182	122	213	347	111	108	59	24.1
Other specified laborers	60	1 277	110	137	124	134	77	190	171	117	119	98	38.0
Miscellaneous and not specified laborers	11	1 230	53	102	223	176	110	257	138	92	54	25	32.8
Occupation:													
Miscellaneous laborers	4	367	5	43	43	46	37	99	52	27	15	–	36.0
Not specified laborers	7	863	48	59	180	130	73	158	86	65	39	25	31.0
Industry:													
Manufacturing	–	796	7	70	143	139	78	168	89	65	31	6	32.5
Durable goods	–	656	7	53	105	114	73	137	85	55	21	6	33.4
Wood products, including furniture	–	32	7	5	–	–	11	–	–	3	–	6	...
Metal industries	–	369	–	25	74	56	51	86	36	20	21	–	32.9
Machinery, including electrical	–	213	–	23	22	53	11	46	31	27	–	–	33.9
Transportation equipment	–	21	–	–	5	5	–	–	6	5	–	–	...
Other durable goods	–	21	–	–	4	–	–	5	12	–	–	–	...
Nondurable goods	–	140	–	17	38	25	5	31	4	10	10	–	28.0
Food and kindred products	–	103	–	13	29	20	–	27	–	4	10	–	27.4
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	11	434	46	32	80	37	32	89	49	27	23	19	33.4
Railroads and railway express service	–	46	5	–	–	10	4	17	6	4	–	–	...
Transportation, except railroads	–	30	–	5	–	5	6	–	8	–	6	–	...
Communications, and utilities and sanitary services	–	30	–	–	16	–	–	5	–	–	4	5	...
Wholesale and retail trade	–	173	27	23	33	13	5	31	20	11	–	10	26.3
All other industries	11	155	14	4	31	9	17	36	15	12	13	4	35.7
Farmers and farm managers	**13**	**3 468**	**19**	**29**	**154**	**201**	**282**	**695**	**889**	**384**	**404**	**411**	**49.0**
Farm laborers and farm foremen	**79**	**834**	**198**	**96**	**101**	**55**	**62**	**81**	**68**	**64**	**49**	**60**	**27.0**
Paid farm laborers and farm foremen	61	643	121	70	92	45	58	68	57	58	33	41	29.3
Unpaid family workers	18	191	77	26	9	10	4	13	11	6	16	19	19.4
Service workers, except private household[1]	**200**	**6 243**	**754**	**495**	**632**	**517**	**387**	**827**	**918**	**589**	**526**	**598**	**39.1**
Cleaning service workers	68	2 309	152	135	197	170	92	270	395	322	289	287	48.5
Food service workers	89	1 521	552	279	162	28	40	78	159	77	70	76	19.5
Cooks, except private household	6	511	209	127	60	10	6	33	36	15	10	5	18.7
Busboys and dishwashers	57	392	246	87	27	–	–	–	10	–	3	19	17.6
Health service workers	–	122	19	14	35	11	7	13	9	5	9	–	24.0
Personal service workers	11	559	25	35	83	53	70	68	39	63	34	89	37.0
Protective service workers	–	1 307	–	6	92	220	139	320	225	108	93	104	41.1
Firemen, fire protection	–	268	–	–	12	47	39	94	58	12	6	–	38.8
Guards and watchmen	–	478	–	6	16	54	31	42	98	71	72	88	54.2
Policemen and detectives	–	476	–	–	58	108	64	149	60	15	10	12	35.5
Private household workers	**10**	**28**	**–**	**–**	**11**	**4**	**–**	**–**	**3**	**–**	**–**	**10**	**...**

[1]Includes allocated cases not shown separately.

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

DAVENPORT–ROCK ISLAND–MOLINE, IOWA–ILL., SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	450	50 387	1 736	3 432	7 069	4 457	4 183	9 557	10 558	4 237	2 768	2 390	39.5
Professional, technical, and kindred workers	32	7 706	37	135	1 357	1 098	849	1 425	1 464	526	502	313	37.6
Accountants	–	381	–	–	66	36	37	80	94	30	33	5	41.4
Computer specialists	–	91	–	–	29	22	5	15	12	3	5	–	...
Librarians	–	156	–	11	7	25	4	42	33	19	6	9	42.4
Mathematical specialists	–	8	–	–	4	4	–	–	–	–	–	–	...
Life and physical scientists	–	9	–	–	–	–	5	–	4	–	–	–	...
Registered nurses, dietitians, and therapists	–	1 759	7	5	354	219	248	359	382	115	46	24	36.3
Dietitians	–	58	–	5	5	–	11	–	28	4	–	5	...
Registered nurses	–	1 502	–	–	302	192	199	318	333	98	41	19	36.8
Health technologists and technicians	–	310	–	51	77	60	43	48	16	5	5	5	27.3
Social scientists	–	5	–	–	–	–	5	–	–	–	–	–	...
Social and recreation workers	5	160	4	–	21	23	30	42	26	8	–	6	35.5
Teachers: College and university	–	199	–	3	15	37	24	55	25	14	5	21	38.7
Elementary and prekindergarten	7	2 287	8	30	367	344	211	416	388	149	258	116	39.4
Secondary	–	887	–	–	212	173	88	101	176	75	48	14	33.3
Other teachers	9	263	–	8	16	29	31	36	49	33	23	38	47.3
Engineering and science technicians	–	108	–	9	47	–	5	11	36	–	–	–	24.8
Technicians, except health, and engineering and science	–	32	–	–	5	–	5	17	–	5	–	–	...
Writers, artists, and entertainers	5	312	18	10	48	27	18	70	75	6	10	30	40.0
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	82	–	–	17	11	4	9	21	6	10	4	...
Other professional, technical, and kindred workers	6	739	–	8	89	99	90	133	148	64	63	45	41.3
Managers and administrators, except farm	4	1 557	–	–	85	67	98	275	517	227	146	142	49.9
Buyers, purchasing agents, and sales managers	–	258	–	–	32	10	11	36	95	49	16	9	49.2
Restaurant, cafeteria, and bar managers	–	197	–	–	–	–	–	50	108	15	24	–	49.5
School administrators	–	65	–	–	–	–	10	13	16	5	11	10	...
Other specified managers and administrators	–	415	–	–	36	28	23	66	105	59	38	60	50.2
Managers and administrators, n.e.c., salaried	4	455	–	–	17	24	48	80	128	85	29	44	49.6
Wholesale and retail trade	–	124	–	–	–	5	16	26	24	34	10	9	51.3
Managers and administrators, n.e.c., self-employed	–	167	–	–	–	5	6	30	65	14	28	19	51.5
Wholesale and retail trade	–	96	–	–	–	5	–	9	32	14	23	13	...
Sales workers	50	3 840	275	302	291	259	185	690	921	396	263	258	43.8
Demonstrators, hucksters, and peddlers	–	364	5	6	23	58	55	95	59	40	8	15	38.7
Insurance, real estate agents, and brokers	–	203	–	7	8	7	–	52	58	35	29	7	49.7
Sales clerks, retail trade	29	2 634	221	254	210	149	98	435	648	283	185	151	43.9
Salesmen, retail trade	–	118	–	11	6	4	5	16	27	15	10	24	51.3
Other sales workers	21	521	49	24	44	41	27	92	129	23	31	61	43.2
Clerical and kindred workers	25	18 404	455	1 646	3 338	1 566	1 599	3 645	3 687	1 218	748	502	36.6
Bank tellers	–	404	5	14	113	32	52	80	80	18	10	–	33.7
Bookkeepers	–	2 429	40	129	270	203	239	550	592	179	149	78	41.1
Cashiers	–	1 429	202	299	208	78	62	199	229	76	32	44	25.4
Counter clerks, except food	5	304	18	10	56	27	31	53	80	16	13	–	36.9
Enumerators and interviewers	–	26	–	–	–	4	–	14	–	–	8	–	...
File clerks	–	352	15	34	87	25	4	70	47	34	14	22	36.6
Office machine operators	–	917	–	88	200	112	127	172	154	28	27	9	32.3
Bookkeeping and billing machine operators	–	173	–	35	52	12	–	10	43	15	6	–	25.0
Keypunch operators	–	519	–	44	118	77	85	96	70	13	16	–	31.2
Payroll and timekeeping clerks	–	203	–	3	35	18	25	38	58	11	15	–	40.4
Receptionists	–	564	10	71	139	51	53	110	56	33	15	26	31.0
Secretaries	5	4 667	34	360	860	437	413	978	973	340	183	89	37.3
Stenographers	–	270	–	29	67	14	22	26	85	13	14	–	36.2
Telephone operators	–	511	12	45	108	77	40	88	54	54	14	19	31.7
Typists	–	1 797	43	180	474	152	132	366	275	85	42	48	31.9
Other clerical and kindred workers	15	4 531	76	384	721	336	399	901	1 004	331	212	167	38.9
Craftsmen and kindred workers	5	798	20	22	59	52	60	197	184	94	71	39	44.4
Foremen, n.e.c.	–	118	–	–	5	13	–	23	40	27	10	–	49.5
Operatives, except transport	10	4 678	34	198	468	439	313	1 080	1 264	463	264	155	43.2
Assemblers	–	579	4	17	61	56	24	168	129	86	28	6	42.6
Bottling and canning operatives	–	13	–	–	–	4	–	4	5	–	–	–	...
Checkers, examiners, and inspectors, manufacturing	–	219	–	–	29	21	4	53	68	22	18	4	45.4
Dressmakers and seamstresses, except factory	–	210	–	15	–	5	3	31	62	49	26	19	53.2
Laundry and dry cleaning operatives, including ironers	–	565	–	20	53	23	39	147	163	31	56	33	45.0
Graders and sorters, manufacturing	–	25	–	–	11	–	–	9	5	–	–	–	...
Packers and wrappers, except produce	–	669	5	25	46	49	84	163	232	40	15	10	42.7
Sewers and stitchers	–	443	–	14	74	34	36	78	109	58	18	22	43.1
Textile operatives	–	4	–	–	4	–	–	–	–	–	–	–	...
Other specified operatives	10	1 177	8	86	151	124	63	257	311	82	62	33	41.1
Miscellaneous and not specified operatives	–	774	17	21	39	123	60	170	180	95	41	28	42.5
Manufacturing	–	625	4	11	30	89	44	154	153	85	32	23	43.7
Durable goods	–	290	–	5	5	29	19	67	93	52	11	9	47.2
Machinery, including electrical	–	101	–	–	5	4	–	28	53	7	–	4	47.5
Other durable goods	–	189	–	5	–	25	19	39	40	45	11	5	46.6
Nondurable goods, including not specified manufacturing	–	335	4	6	25	60	25	87	60	33	21	14	40.5
Food and kindred products	–	128	–	6	3	24	–	41	29	12	4	9	42.6
Apparel and other fabricated textile products	–	44	–	–	4	9	–	8	–	11	12	–	...
Nonmanufacturing industries	–	149	13	10	9	34	16	16	27	10	9	5	32.7
Transport equipment operatives	–	317	–	–	69	49	31	76	64	16	–	12	36.3
Laborers, except farm	–	499	35	52	9	61	41	99	111	45	26	20	40.2
Farmers and farm managers	17	142	–	5	5	–	11	30	22	31	26	12	54.1
Farm laborers and farm foremen	20	105	5	8	5	–	10	33	19	9	16	–	42.4
Paid farm laborers and farm foremen	12	42	5	8	–	–	6	7	10	–	6	–	...
Unpaid family workers	8	63	–	–	5	–	4	26	9	9	10	–	...
Service workers, except private household[1]	186	11 035	759	1 031	1 318	796	923	1 845	2 133	1 016	588	626	38.7
Cleaning service workers	20	1 413	45	37	91	68	91	235	383	177	143	143	48.6
Chambermaids and maids	–	312	10	5	14	26	19	68	91	28	27	24	46.5
Food service workers	87	4 975	570	447	417	293	446	933	957	431	236	245	38.4
Cooks, except private household	13	1 322	48	35	52	60	94	275	335	206	114	103	47.9
Waiters and food counter workers	56	2 562	435	339	302	186	260	482	354	103	53	48	30.4
Health service workers	5	2 351	95	343	440	219	200	312	370	204	86	82	32.0
Nursing aides, orderlies, and attendants	–	1 555	68	244	236	109	157	222	237	169	63	50	33.8
Practical nurses	–	327	–	23	107	47	10	62	38	17	11	12	28.6
Personal service workers	11	1 355	19	85	274	157	104	214	237	98	61	106	36.8
Hairdressers and cosmetologists	7	802	–	53	231	141	76	118	119	25	20	19	29.1
Private household workers	101	1 306	116	33	65	70	63	162	172	196	118	311	53.4
Private household workers, living in	–	72	–	–	–	5	–	–	5	15	9	38	...
Private household workers, living out	101	1 234	116	33	65	65	63	162	167	181	109	273	51.8

[1] Includes protective service workers and allocated cases not shown separately.

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Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
PEORIA SMSA													
Total													
Male employed	**868**	**87 146**	**2 484**	**3 195**	**9 135**	**10 190**	**9 147**	**18 810**	**17 621**	**7 572**	**5 387**	**3 605**	**40.0**
Professional, technical, and kindred workers	**11**	**11 225**	**36**	**128**	**1 236**	**2 020**	**1 461**	**2 896**	**1 917**	**787**	**449**	**295**	**37.5**
Accountants	–	726	–	–	83	115	86	168	185	50	11	28	39.7
Architects	–	102	–	–	–	6	–	28	39	19	6	4	49.4
Computer specialists	–	427	–	–	73	103	143	91	12	5	–	–	31.3
Engineers	–	2 464	–	16	180	424	317	770	457	160	88	52	38.8
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–	–
Civil	–	332	–	6	38	76	50	106	36	5	15	–	34.6
Electrical and electronic	–	255	–	10	28	29	41	72	40	5	18	12	37.7
Mechanical	–	559	–	–	30	104	68	226	90	30	–	11	38.4
Other engineers	–	1 318	–	–	84	215	158	366	291	120	55	29	40.5
Lawyers and judges	–	351	–	–	–	34	39	79	59	70	28	42	49.0
Life and physical scientists	–	283	–	–	–	28	36	89	97	12	15	6	43.7
Chemists	–	229	–	–	–	14	36	65	87	12	9	6	44.9
Physicians, dentists, and related practitioners	–	748	–	–	14	81	72	210	177	95	47	52	44.9
Dentists	–	99	–	–	–	13	16	34	19	–	10	7	...
Pharmacists	–	198	–	–	4	23	20	53	35	39	10	14	44.8
Physicians, medical and osteopathic	–	349	–	–	6	35	24	110	80	52	17	25	45.0
Other related practitioners	–	102	–	–	4	10	12	13	43	4	10	6	47.8
Health technologists and technicians	–	122	–	11	36	21	–	15	28	11	–	–	28.3
Religious workers	–	419	–	–	11	36	29	124	90	65	36	28	46.1
Social scientists	–	171	–	–	14	68	35	38	11	5	–	–	30.5
Social and recreation workers	–	109	–	5	5	5	14	27	19	11	17	6	44.4
Teachers	–	1 901	6	11	376	442	244	464	185	84	71	18	32.4
College and university	–	479	–	6	19	85	88	160	59	31	26	5	37.6
Elementary and prekindergarten	–	404	–	–	109	123	37	72	33	10	10	10	28.8
Secondary	–	885	–	–	237	204	99	183	93	33	33	3	30.1
Engineering and science technicians	6	1 168	5	16	200	246	164	245	194	55	37	6	33.6
Draftsmen and surveyors	6	669	5	11	134	130	97	142	118	21	11	–	32.8
Electrical and electronic engineering technicians	–	73	–	–	5	17	19	12	6	9	5	–	...
Technicians, except health, and engineering and science	–	88	5	–	–	27	15	21	20	–	–	–	...
Airplane pilots	–	27	–	–	–	5	–	5	17	–	–	–	...
Writers, artists, and entertainers	5	706	10	46	70	141	83	167	124	22	25	18	35.2
Other professional, technical, and kindred workers	–	1 440	10	23	174	243	184	360	220	123	68	35	37.4
Managers and administrators, except farm	**10**	**8 154**	**4**	**42**	**413**	**736**	**950**	**1 999**	**2 148**	**808**	**558**	**496**	**44.7**
Buyers, purchasing agents, and sales managers	–	1 279	–	4	99	130	139	421	280	86	77	43	41.4
School administrators	–	305	–	–	–	18	42	108	47	43	30	17	43.6
Specified managers and administrators, public administration	–	232	–	–	–	6	–	66	58	29	35	38	52.6
Other specified managers and administrators	–	1 443	4	11	118	179	166	255	379	128	104	99	44.5
Managers and administrators, n.e.c., salaried	10	3 964	–	27	182	358	502	957	1 131	360	238	209	44.5
Manufacturing	6	1 228	–	–	46	95	160	334	346	148	52	47	44.4
Wholesale and retail trade	–	1 270	–	10	80	153	160	306	317	87	66	91	42.6
Transportation, communications, and other public utilities	–	372	–	6	15	28	45	87	112	25	44	10	45.4
All other industries	4	1 094	–	11	41	82	137	230	356	100	76	61	46.3
Managers and administrators, n.e.c., self-employed	–	931	–	–	14	45	101	192	253	162	74	90	49.5
Construction	–	139	–	–	–	14	4	42	62	3	4	10	46.5
Manufacturing	–	41	–	–	–	–	5	12	14	–	–	10	...
Wholesale and retail trade	–	564	–	–	14	22	82	109	114	111	66	46	49.8
All other industries	–	187	–	–	–	9	10	29	63	48	4	24	52.2
Sales workers	**302**	**5 524**	**218**	**178**	**523**	**499**	**554**	**1 262**	**1 142**	**435**	**378**	**335**	**41.3**
Insurance agents, brokers, and underwriters	6	793	–	5	52	91	111	228	180	48	64	14	41.0
Real estate agents and brokers	–	261	–	–	6	–	24	47	58	39	44	43	54.2
Sales representatives, manufacturing industries	6	761	–	5	14	124	116	230	161	30	66	15	40.3
Sales representatives, wholesale trade	–	1 137	–	4	130	122	119	287	249	134	47	45	41.7
Sales clerks, retail trade	19	1 142	128	103	182	58	96	147	186	74	64	104	35.3
Salesmen, retail trade	–	661	16	29	60	27	47	162	133	49	67	71	44.4
Salesmen of services and construction	–	222	–	11	30	9	–	46	75	18	11	22	47.0
Other sales workers	271	547	74	21	49	68	41	115	100	43	15	21	36.8
Clerical and kindred workers	**28**	**6 445**	**176**	**200**	**922**	**725**	**671**	**1 302**	**1 261**	**559**	**388**	**241**	**39.1**
Bank tellers and cashiers	5	146	49	11	41	–	–	–	21	5	15	4	21.6
Bookkeepers and billing clerks	–	628	–	11	80	100	56	99	116	76	49	41	41.8
Mail handlers and postal clerks	7	699	17	24	64	54	81	196	163	53	44	3	40.6
Other clerical and kindred workers	16	4 972	110	154	737	571	534	1 007	961	425	280	193	38.8
Craftsmen and kindred workers	**23**	**18 219**	**138**	**380**	**1 428**	**2 135**	**2 017**	**4 366**	**4 212**	**1 855**	**1 233**	**455**	**41.9**
Apparel craftsmen and upholsterers	–	54	–	–	–	16	5	5	6	–	16	6	...
Bakers	–	119	10	–	–	6	10	22	24	17	19	11	49.8
Cabinetmakers	–	59	–	–	6	4	13	5	16	–	10	5	...
Construction craftsmen	–	4 558	15	49	408	457	548	1 100	1 104	468	328	81	42.3
Carpenters	–	1 219	–	9	70	95	186	318	277	137	93	34	42.8
Excavating, grading, and road machine operators	–	435	–	3	52	46	65	64	97	61	42	5	43.0
Electricians	–	885	4	–	67	92	130	223	202	55	97	15	41.7
Masons and tile setters	–	278	–	–	23	32	36	95	65	17	4	6	40.1
Painters, construction and maintenance, and paperhangers	–	398	5	26	16	28	33	91	94	60	30	15	45.0
Plasterers and cement finishers	–	141	–	–	16	23	11	38	31	22	–	–	40.4
Plumbers and pipe fitters	–	892	6	11	120	101	61	205	253	81	48	6	42.2
Other construction craftsmen	–	310	–	–	44	40	26	66	85	35	14	–	41.8
Foremen, n.e.c.	–	2 961	–	–	74	286	364	831	773	379	198	56	44.1
Manufacturing	–	2 113	–	–	47	199	245	600	561	296	149	16	44.4
Nonmanufacturing industries	–	848	–	–	27	87	119	231	212	83	49	40	43.3
Linemen and servicemen, telephone and power	–	543	3	10	74	123	84	167	59	14	9	–	33.7
Locomotive engineers and firemen	–	133	–	–	–	–	5	51	40	24	9	4	47.6
Mechanics and repairmen	5	3 513	54	95	301	456	355	877	767	312	194	102	40.6
Air conditioning, heating, and refrigeration	–	115	–	–	10	18	9	42	12	15	4	5	39.9
Aircraft	–	65	–	–	15	24	7	15	4	–	–	–	...
Automobile, including body	–	1 265	30	48	129	141	133	262	308	98	64	52	40.8
Radio and television	–	154	4	6	5	15	13	41	39	26	5	–	43.3
Other mechanics and repairmen	5	1 914	20	41	142	258	193	517	404	173	121	45	40.9
Metal craftsmen, except mechanics	–	3 022	9	91	314	382	300	665	633	334	246	48	41.2
Machinists and job and die setters	–	1 159	9	36	194	144	116	275	162	110	89	24	37.9
Sheetmetal workers and tinsmiths	–	341	–	13	25	50	46	61	98	32	16	–	41.0
Tool and die makers	–	372	–	8	25	37	24	44	149	60	19	6	48.2
Other metal craftsmen	–	1 150	–	34	70	151	114	285	224	132	122	18	42.2
Printing craftsmen	–	523	9	8	51	76	78	99	138	51	10	3	39.0
Compositors and typesetters	–	161	4	5	23	–	20	27	49	23	10	–	45.3
Pressmen and plate printers, printing	–	267	5	3	28	53	42	46	72	15	–	3	35.5
Stationary engineers and power station operators	–	479	–	–	15	57	43	112	138	57	48	9	45.9
Other craftsmen and kindred workers	18	2 255	38	127	185	272	212	432	514	199	146	130	41.8

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
PEORIA SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	59	**16 952**	**336**	**824**	**2 351**	**2 242**	**1 716**	**3 488**	**3 339**	**1 445**	**949**	**262**	**37.9**
Assemblers	–	1 351	23	29	198	203	122	264	308	105	83	16	38.8
Checkers, examiners, and inspectors, manufacturing	–	1 659	–	10	157	174	206	432	366	185	102	27	41.5
Garage workers and gas station attendants	25	757	213	191	78	17	57	60	77	27	17	20	19.7
Laundry and drycleaning operatives, n.e.c	–	62	5	7	–	–	5	5	11	–	19	10	...
Meat cutters and butchers	–	359	3	30	27	40	31	46	79	58	31	14	45.3
Mine operatives, n.e.c	–	33	–	–	12	5	–	–	11	–	–	5	...
Packers and wrappers, except produce	5	481	4	21	71	36	43	109	96	74	27	–	41.0
Painters, manufactured articles	–	221	–	10	29	40	25	60	37	12	–	8	36.1
Precision machine operatives	–	2 600	6	86	408	352	264	547	491	266	169	11	38.4
Sawyers	–	121	–	13	23	16	–	31	28	–	10	–	37.7
Stationary firemen	–	237	–	5	5	9	20	50	83	21	29	15	48.6
Textile operatives	–	10	–	–	–	–	–	–	–	10	–	–	...
Welders and flamecutters	–	1 496	–	19	161	239	161	382	288	151	89	6	39.4
Other metalworking operatives	–	570	4	45	91	64	63	96	139	31	15	22	36.9
Other specified operatives	23	2 267	32	121	347	368	248	448	401	146	92	64	35.4
Miscellaneous and not specified operatives	6	4 728	46	237	744	679	471	958	924	359	266	44	37.0
Occupation:													
Machine operatives, miscellaneous specified	6	1 810	–	100	278	249	146	440	410	102	67	18	38.0
Machine operatives, not specified	–	1 149	12	55	206	178	133	214	190	74	79	8	34.6
Miscellaneous operatives	–	1 203	34	59	164	166	127	204	217	134	86	12	37.5
Not specified operatives	–	566	–	23	96	86	65	100	107	49	34	6	36.3
Industry:													
Manufacturing	–	4 355	17	198	696	637	449	893	847	315	262	41	37.0
Durable goods	–	3 130	12	129	551	437	334	630	591	249	173	24	36.6
Wood products, including furniture	–	81	–	–	10	13	14	22	8	6	8	–	...
Primary metal industries	–	754	–	5	74	75	119	218	163	67	33	–	39.8
Fabricated metal industries	–	168	4	16	38	10	15	23	44	5	7	6	35.4
Machinery, including electrical	–	2 039	8	105	416	322	177	342	365	171	115	18	34.8
Motor vehicles and equipment	–	23	–	–	7	12	–	4	–	–	–	–	...
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	65	–	3	6	5	9	21	11	–	10	–	...
Nondurable goods	–	1 205	5	69	139	200	115	256	249	66	89	17	37.9
Food and kindred products	–	799	5	39	58	98	87	180	212	56	58	6	41.3
Apparel and other fabricated textile products	–	11	–	–	–	–	–	–	–	–	6	5	...
Paper and allied products	–	162	–	25	32	28	5	39	19	–	14	–	29.3
Chemicals and allied products	–	73	–	–	13	29	5	11	10	5	–	–	...
Other nondurable goods	–	160	–	5	36	45	18	26	8	5	11	6	29.3
Not specified manufacturing industries	–	20	–	–	6	–	–	7	7	–	–	–	...
Nonmanufacturing industries	6	373	29	39	48	42	22	65	77	44	4	3	36.0
Transportation, communications, and other public utilities	–	89	5	4	13	13	5	27	17	5	–	–	...
Wholesale and retail trade	6	151	24	16	24	20	7	25	26	5	4	–	27.9
All other industries	–	133	–	19	11	9	10	13	34	34	–	3	46.3
Transport equipment operatives	6	**5 588**	**118**	**202**	**549**	**644**	**616**	**1 298**	**1 175**	**525**	**277**	**184**	**40.1**
Bus drivers	–	212	–	–	16	36	–	22	46	42	17	33	52.0
Taxicab drivers and chauffeurs	–	128	–	–	11	6	17	19	23	27	15	10	49.8
Truck drivers and deliverymen	6	3 692	68	132	297	332	422	1 005	826	338	177	95	40.9
Other transport equipment operatives	–	1 556	50	70	225	270	177	252	280	118	68	46	34.6
Laborers, except farm	153	**6 098**	**563**	**689**	**950**	**607**	**628**	**903**	**856**	**381**	**312**	**209**	**31.9**
Construction laborers	5	922	9	35	106	66	114	202	188	98	67	37	41.5
Freight, stock, and material handlers	64	2 561	407	396	425	282	255	284	285	97	90	40	25.9
Other specified laborers	76	1 317	121	133	206	123	105	238	149	101	50	91	33.6
Miscellaneous and not specified laborers	8	1 298	26	125	213	136	154	179	234	85	105	41	34.8
Occupation:													
Miscellaneous laborers	3	455	–	48	68	69	52	67	61	32	54	4	34.1
Not specified laborers	5	843	26	77	145	67	102	112	173	53	51	37	35.4
Industry:													
Manufacturing	–	850	–	85	144	102	129	129	160	48	38	15	33.6
Durable goods	–	593	–	59	111	85	77	80	104	33	34	10	32.7
Wood products, including furniture	–	12	–	3	–	–	5	4	–	–	–	–	...
Metal industries	–	294	–	27	49	52	45	29	54	13	21	4	32.1
Machinery, including electrical	–	252	–	24	57	33	27	41	31	20	13	6	32.2
Transportation equipment	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	35	–	5	5	–	–	6	19	–	–	–	...
Nondurable goods	–	257	–	26	33	17	52	49	56	15	4	5	35.1
Food and kindred products	–	225	–	26	33	11	41	49	41	15	4	5	35.3
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	8	448	26	40	69	34	25	50	74	37	67	26	41.0
Railroads and railway express service	–	102	–	4	16	15	8	13	9	14	19	4	41.2
Transportation, except railroads	–	20	–	–	–	–	5	–	6	4	5	–	...
Communications, and utilities and sanitary services	–	58	–	–	5	6	–	21	17	4	5	–	...
Wholesale and retail trade	–	183	21	32	38	8	6	7	22	10	35	4	25.3
All other industries	8	85	5	4	10	5	6	9	20	5	3	18	...
Farmers and farm managers	–	**2 400**	–	**13**	**96**	**96**	**165**	**506**	**596**	**250**	**308**	**370**	**50.4**
Farm laborers and farm foremen	68	**588**	**91**	**75**	**99**	**50**	**18**	**41**	**69**	**22**	**39**	**84**	**27.9**
Paid farm laborers and farm foremen	40	454	75	39	66	41	9	41	61	15	34	73	33.3
Unpaid family workers	28	134	16	36	33	9	9	–	8	7	5	11	22.3
Service workers, except private household[1]	196	**5 923**	**793**	**464**	**568**	**436**	**351**	**749**	**901**	**497**	**496**	**668**	**39.7**
Cleaning service workers	57	2 423	164	169	245	121	113	254	434	269	305	349	48.4
Food service workers	109	1 370	520	227	138	55	44	79	125	57	38	87	19.5
Cooks, except private household	18	365	130	64	57	5	11	18	46	18	10	6	19.6
Busboys and dishwashers	73	404	254	91	18	10	–	7	15	–	5	4	17.6
Health service workers	–	82	13	–	27	6	5	7	5	9	6	4	...
Personal service workers	10	416	44	25	35	51	59	20	71	32	18	61	34.5
Protective service workers	–	1 249	–	8	67	168	118	332	210	96	103	147	42.9
Firemen, fire protection	–	221	–	–	10	49	40	75	30	10	4	3	36.5
Guards and watchmen	–	516	–	4	16	43	20	101	115	40	79	98	51.4
Policemen and detectives	–	439	–	4	36	72	53	151	56	40	5	22	38.6
Private household workers	12	**30**	**11**	–	–	–	–	–	**5**	**8**	–	**6**	...

[1]Includes allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

PEORIA SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	**544**	**47 355**	**1 656**	**2 672**	**6 659**	**4 237**	**3 890**	**9 734**	**9 572**	**3 964**	**2 874**	**2 097**	**39.7**
Professional, technical, and kindred workers	**10**	**7 398**	**23**	**107**	**1 314**	**968**	**745**	**1 439**	**1 337**	**574**	**491**	**400**	**38.8**
Accountants	–	274	–	3	27	16	39	72	59	32	10	16	42.2
Computer specialists	–	61	–	–	12	20	4	15	10	–	–	–	...
Librarians	–	142	–	10	15	27	7	27	24	22	10	–	39.4
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	40	–	5	16	5	–	5	4	–	5	–	...
Registered nurses, dietitians, and therapists	–	1 780	–	9	312	240	223	405	332	98	114	47	37.6
Dietitians	–	60	–	5	10	–	5	9	15	6	10	–	...
Registered nurses	–	1 598	–	4	272	216	214	363	291	92	104	42	37.6
Health technologists and technicians	–	306	4	17	87	67	27	42	20	9	9	24	28.4
Social scientists	–	12	–	–	–	12	–	–	–	–	–	–	...
Social and recreation workers	–	215	–	8	24	18	16	36	56	31	10	16	46.0
Teachers: College and university	–	202	–	4	20	10	22	49	46	36	9	6	44.2
Elementary and prekindergarten	–	2 136	6	–	366	307	158	362	368	205	225	139	41.4
Secondary	–	776	–	6	184	136	85	136	106	49	34	40	33.6
Other teachers	6	230	6	16	30	10	32	39	31	10	11	45	40.4
Engineering and science technicians	–	106	–	–	36	4	14	36	16	–	–	–	34.6
Technicians, except health, and engineering and science	–	63	–	–	5	4	–	27	27	–	–	–	...
Writers, artists, and entertainers	–	307	4	16	44	16	36	50	76	20	10	35	42.5
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	105	4	4	30	–	3	18	26	9	–	11	41.4
Other professional, technical, and kindred workers	4	748	3	13	136	76	82	138	162	62	44	32	39.6
Managers and administrators, except farm	**–**	**1 287**	**5**	**20**	**59**	**74**	**75**	**254**	**372**	**244**	**108**	**76**	**49.2**
Buyers, purchasing agents, and sales managers	–	199	–	3	16	15	15	37	68	26	10	9	47.0
Restaurant, cafeteria, and bar managers	–	167	–	–	–	6	9	16	61	61	14	–	53.6
School administrators	–	78	–	4	5	5	–	10	20	4	18	12	...
Other specified managers and administrators	–	274	5	5	4	–	25	60	76	51	32	16	50.0
Managers and administrators, n.e.c., salaried	–	448	–	8	29	48	14	101	126	80	24	18	46.9
Wholesale and retail trade	–	193	–	3	19	26	–	37	52	34	14	8	47.2
Managers and administrators, n.e.c., self-employed	–	121	–	–	5	–	12	30	21	22	10	21	51.4
Wholesale and retail trade	–	68	–	–	–	–	4	25	12	10	–	17	...
Sales workers	**34**	**3 996**	**283**	**228**	**422**	**237**	**235**	**792**	**857**	**399**	**293**	**250**	**42.5**
Demonstrators, hucksters, and peddlers	–	335	14	–	32	32	33	103	52	20	29	20	40.5
Insurance, real estate agents, and brokers	–	265	–	13	31	10	23	76	77	25	5	5	42.3
Sales clerks, retail trade	21	2 655	209	170	264	137	144	521	584	264	194	168	42.7
Salesmen, retail trade	–	122	–	–	10	5	7	20	42	25	13	–	49.5
Other sales workers	13	619	60	45	85	53	28	72	102	65	52	57	40.3
Clerical and kindred workers	**77**	**18 212**	**500**	**1 406**	**3 254**	**1 728**	**1 684**	**3 939**	**3 391**	**1 093**	**813**	**404**	**36.4**
Bank tellers	4	393	11	14	92	56	42	127	37	4	6	4	32.8
Bookkeepers	–	2 480	–	103	266	178	178	612	640	246	181	76	43.4
Cashiers	10	1 555	223	176	166	129	120	283	246	105	58	49	33.5
Counter clerks, except food	5	399	32	36	66	15	22	101	61	37	14	15	37.8
Enumerators and interviewers	–	49	–	–	–	–	13	17	13	–	–	6	...
File clerks	–	431	10	58	93	30	33	94	58	29	17	9	33.7
Office machine operators	–	789	6	115	191	90	79	166	108	19	5	10	29.6
Bookkeeping and billing machine operators	–	116	–	19	28	10	14	10	30	–	5	–	30.4
Keypunch operators	–	439	–	48	143	54	40	105	30	15	–	4	27.6
Payroll and timekeeping clerks	–	205	–	–	15	35	29	37	80	4	5	–	41.4
Receptionists	–	628	11	48	131	75	44	116	118	37	29	19	35.4
Secretaries	12	4 811	56	258	1 008	523	611	1 033	841	248	151	82	34.6
Stenographers	–	236	5	20	39	35	28	23	49	5	32	–	33.4
Telephone operators	–	533	11	69	112	32	65	118	86	11	22	7	33.3
Typists	11	1 578	63	189	396	126	138	335	179	72	63	17	30.5
Other clerical and kindred workers	35	4 125	72	320	679	404	282	877	875	276	230	110	38.5
Craftsmen and kindred workers	**–**	**718**	**16**	**5**	**62**	**53**	**33**	**143**	**239**	**71**	**40**	**56**	**47.0**
Foremen, n.e.c.	–	170	–	–	11	5	–	19	83	20	16	16	51.0
Operatives, except transport	**45**	**3 648**	**75**	**104**	**278**	**283**	**284**	**861**	**855**	**522**	**229**	**157**	**44.3**
Assemblers	4	248	–	–	25	52	30	68	46	23	4	–	37.5
Bottling and canning operatives	–	252	–	–	12	13	8	38	84	66	26	5	51.5
Checkers, examiners, and inspectors; manufacturing	–	229	–	–	5	25	6	61	90	29	8	5	46.9
Dressmakers and seamstresses, except factory	–	176	–	5	5	5	6	17	31	47	18	42	57.0
Laundry and dry cleaning operatives, including ironers	9	635	29	15	32	45	42	159	154	86	49	24	44.7
Graders and sorters, manufacturing	5	12	–	–	–	3	–	9	–	–	–	–	...
Packers and wrappers, except produce	–	488	28	28	49	17	67	135	88	48	23	5	39.1
Sewers and stitchers	–	245	–	–	13	16	–	48	72	55	29	12	51.3
Textile operatives	–	21	–	–	–	–	6	9	6	–	–	–	...
Other specified operatives	27	617	5	33	80	61	56	143	103	80	18	38	40.1
Miscellaneous and not specified operatives	–	725	13	23	57	46	63	174	181	88	54	26	44.2
Manufacturing	–	603	13	5	37	38	49	152	167	82	44	16	45.4
Durable goods	–	306	5	5	19	28	35	62	86	39	15	12	44.8
Machinery, including electrical	–	138	5	–	6	13	19	21	38	20	10	6	46.3
Other durable goods	–	168	–	5	13	15	16	41	48	19	5	6	43.5
Nondurable goods, including not specified manufacturing	–	297	8	–	18	10	14	90	81	43	29	4	46.0
Food and kindred products	–	152	5	–	5	–	5	57	19	28	29	4	47.1
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	–	122	–	18	20	8	14	22	14	6	10	10	35.5
Transport equipment operatives	**–**	**173**	**–**	**–**	**16**	**22**	**22**	**44**	**34**	**21**	**9**	**5**	**41.0**
Laborers, except farm	**5**	**478**	**10**	**15**	**28**	**57**	**28**	**158**	**109**	**54**	**16**	**3**	**41.4**
Farmers and farm managers	**–**	**80**	**–**	**–**	**–**	**–**	**4**	**11**	**20**	**15**	**12**	**18**	**...**
Farm laborers and farm foremen	**8**	**99**	**9**	**5**	**9**	**–**	**4**	**27**	**26**	**14**	**5**	**–**	**...**
Paid farm laborers and farm foremen	8	60	9	5	9	–	4	3	21	4	5	–	...
Unpaid family workers	–	39	–	–	–	–	–	24	5	10	–	–	...
Service workers, except private household[1]	**202**	**10 066**	**672**	**734**	**1 175**	**735**	**729**	**1 991**	**2 047**	**816**	**702**	**465**	**40.0**
Cleaning service workers	23	1 239	32	33	33	90	66	239	324	166	156	100	48.9
Chambermaids and maids	10	301	22	25	27	25	20	51	71	38	8	14	41.2
Food service workers	123	4 086	503	352	341	184	271	898	812	299	245	181	39.4
Cooks, except private household	12	1 220	49	29	48	38	28	343	329	144	137	75	47.3
Waiters and food counter workers	72	1 992	296	256	239	108	185	402	307	90	58	51	32.6
Health service workers	5	2 284	89	220	346	164	179	407	463	181	155	80	38.5
Nursing aides, orderlies, and attendants	5	1 557	75	189	235	104	96	278	341	115	82	42	37.9
Practical nurses	–	388	–	–	48	33	38	89	52	46	53	29	43.4
Personal service workers	14	1 610	19	57	340	207	137	276	278	125	108	63	36.6
Hairdressers and cosmetologists	–	1 045	10	30	285	167	83	147	195	52	55	21	31.8
Private household workers	**163**	**1 200**	**63**	**48**	**42**	**80**	**47**	**75**	**285**	**141**	**156**	**263**	**53.6**
Private household workers, living in	5	104	–	4	–	7	–	9	18	10	24	32	60.8
Private household workers, living out	158	1 096	63	44	42	73	47	66	267	131	132	231	53.0

[1]Includes protective service workers and allocated cases not shown separately.

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
ROCKFORD SMSA													
Total													
Male employed	751	70 408	2 363	2 707	7 672	9 340	7 254	14 984	13 699	5 754	3 891	2 744	38.9
Professional, technical, and kindred workers	–	8 821	48	133	1 064	1 639	1 128	2 128	1 553	476	351	301	36.9
Accountants	–	565	–	4	48	135	61	148	94	36	26	13	37.3
Architects	–	40	–	–	–	5	18	3	10	–	–	4	...
Computer specialists	–	230	–	–	20	80	70	35	14	11	–	–	31.1
Engineers	–	2 391	–	–	161	457	301	624	540	162	78	68	39.4
Aeronautical and astronautical	–	144	–	–	12	59	12	46	10	5	–	–	30.4
Civil	–	84	–	–	4	15	5	26	16	4	9	5	...
Electrical and electronic	–	342	–	–	36	64	50	64	84	32	7	5	38.3
Mechanical	–	611	–	–	39	114	82	156	150	43	–	27	39.5
Other engineers	–	1 210	–	–	70	205	152	332	280	78	62	31	40.4
Lawyers and judges	–	164	–	–	–	13	16	64	24	12	19	16	43.3
Life and physical scientists	–	90	4	–	14	39	5	9	10	4	5	–	...
Chemists	–	73	–	–	14	30	5	5	10	4	5	–	...
Physicians, dentists, and related practitioners	–	612	–	–	11	22	46	209	131	68	58	67	46.4
Dentists	–	182	–	–	–	–	14	68	35	11	20	34	47.6
Pharmacists	–	96	–	–	5	16	–	41	16	14	–	4	...
Physicians, medical and osteopathic	–	272	–	–	6	–	32	85	54	34	38	23	47.4
Other related practitioners	–	62	–	–	–	6	–	15	26	9	–	6	...
Health technologists and technicians	–	56	–	–	7	–	13	19	17	–	–	–	...
Religious workers	–	285	4	–	14	5	26	114	46	12	32	32	43.2
Social scientists	–	85	–	–	23	14	5	30	9	–	4	–	...
Social and recreation workers	–	97	11	–	26	18	10	10	14	–	4	4	...
Teachers	–	1 178	13	12	248	268	154	240	125	46	40	32	31.6
College and university	–	144	–	–	15	27	29	38	14	–	5	16	35.3
Elementary and prekindergarten	–	242	–	–	88	66	41	38	–	9	–	–	27.5
Secondary	–	738	–	8	138	175	84	158	101	33	30	11	32.9
Engineering and science technicians	–	1 190	–	65	318	194	135	220	127	79	34	18	30.7
Draftsmen and surveyors	–	725	–	55	220	88	93	115	78	56	14	6	30.0
Electrical and electronic engineering technicians	–	118	–	–	42	24	10	14	5	10	5	8	28.5
Technicians, except health, and engineering and science	–	124	–	–	12	37	26	29	20	–	–	–	32.5
Airplane pilots	–	59	–	–	–	27	11	10	11	–	–	–	...
Writers, artists, and entertainers	–	629	16	41	55	116	70	136	125	13	20	37	36.2
Other professional, technical, and kindred workers	–	1 085	–	11	107	236	172	238	247	33	31	10	35.7
Managers and administrators, except farm	4	6 841	12	22	290	811	767	1 942	1 656	585	432	324	42.8
Buyers, purchasing agents, and sales managers	–	1 075	–	5	40	162	114	289	241	107	80	37	42.5
School administrators	–	127	–	–	–	4	20	59	35	4	5	–	41.7
Specified managers and administrators, public administration	–	222	–	–	11	29	11	39	49	24	34	25	49.3
Other specified managers and administrators	–	1 115	9	4	99	185	150	344	168	67	64	25	38.2
Managers and administrators, n.e.c., salaried	4	3 538	3	9	119	359	361	1 044	944	300	203	196	43.8
Manufacturing	4	1 485	–	–	29	112	134	466	431	130	95	88	45.0
Wholesale and retail trade	–	1 015	–	9	60	142	120	297	267	40	43	37	40.9
Transportation, communications, and other public utilities	–	256	–	–	10	37	24	77	76	9	10	13	42.4
All other industries	–	782	3	–	20	68	83	204	170	121	55	58	45.8
Managers and administrators, n.e.c., self-employed	–	764	–	4	21	72	111	167	219	83	46	41	45.3
Construction	–	150	–	–	5	17	20	34	52	18	4	–	44.7
Manufacturing	–	79	–	–	–	5	5	25	26	7	–	11	...
Wholesale and retail trade	–	357	–	–	11	37	82	65	75	44	23	20	42.5
All other industries	–	178	–	4	5	13	4	43	66	14	19	10	48.0
Sales workers	179	4 788	162	115	360	589	527	1 027	1 020	472	253	263	41.2
Insurance agents, brokers, and underwriters	5	589	–	–	49	50	82	174	110	76	28	20	41.5
Real estate agents and brokers	–	285	–	–	11	25	22	60	68	34	36	29	48.6
Sales representatives, manufacturing industries	–	704	–	–	30	119	83	181	177	64	31	19	41.6
Sales representatives, wholesale trade	–	930	9	7	49	155	85	185	247	113	47	33	43.6
Sales clerks, retail trade	7	813	80	74	83	54	57	122	145	85	27	86	39.8
Salesmen, retail trade	13	762	9	18	70	91	88	160	185	59	44	38	41.6
Salesmen of services and construction	–	223	4	–	13	25	27	54	39	25	27	9	42.9
Other sales workers	154	482	60	16	55	70	83	91	49	16	13	29	32.4
Clerical and kindred workers	37	4 166	95	192	630	593	322	721	804	383	256	170	38.5
Bank tellers and cashiers	5	77	9	–	19	8	–	9	8	15	9	–	...
Bookkeepers and billing clerks	–	282	9	10	36	43	14	62	55	6	25	22	39.7
Mail handlers and postal clerks	–	475	–	19	43	69	26	97	157	39	15	10	43.3
Other clerical and kindred workers	32	3 332	77	163	532	473	282	553	584	323	207	138	37.5
Craftsmen and kindred workers	25	16 860	87	333	1 714	2 262	1 783	4 032	3 827	1 484	942	396	40.6
Apparel craftsmen and upholsterers	–	82	–	5	20	–	11	19	14	–	5	8	...
Bakers	4	94	–	6	6	4	19	25	11	5	13	5	...
Cabinetmakers	–	173	5	8	15	5	11	24	31	18	17	39	51.0
Construction craftsmen	–	3 333	14	33	339	546	356	815	710	283	163	74	39.6
Carpenters	–	971	9	–	84	126	120	272	221	60	58	21	40.4
Excavating, grading, and road machine operators	–	232	–	–	12	23	37	58	50	37	5	10	42.6
Electricians	–	718	–	18	74	144	59	150	167	72	21	13	39.3
Masons and tile setters	–	203	–	–	29	30	5	43	65	5	15	11	43.7
Painters, construction and maintenance, and paperhangers	–	342	5	12	34	49	42	71	62	36	21	10	39.1
Plasterers and cement finishers	–	140	–	–	14	49	10	32	20	15	–	–	33.5
Plumbers and pipe fitters	–	494	–	3	78	106	49	108	86	30	25	9	36.0
Other construction craftsmen	–	233	–	–	14	19	34	81	39	28	18	–	41.1
Foremen, n.e.c.	–	2 722	–	10	95	279	298	802	738	262	214	24	43.5
Manufacturing	–	2 252	–	6	68	240	258	656	620	233	147	24	43.4
Nonmanufacturing industries	–	470	–	4	27	39	40	146	118	29	67	–	43.6
Linemen and servicemen, telephone and power	–	355	–	9	98	85	35	86	38	4	–	–	29.1
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	5	3 242	25	89	406	508	358	715	709	197	173	62	38.3
Air conditioning, heating, and refrigeration	–	111	–	–	10	17	5	20	37	13	9	–	45.9
Aircraft	–	64	–	–	8	23	5	19	4	5	–	–	...
Automobile, including body	5	1 239	16	37	199	241	180	246	215	38	44	23	33.5
Radio and television	–	165	–	6	16	35	28	30	43	7	–	–	34.6
Other mechanics and repairmen	–	1 663	9	46	173	192	140	400	410	134	120	39	41.8
Metal craftsmen, except mechanics	–	4 702	13	114	447	620	473	1 090	1 074	539	231	101	41.3
Machinists and job and die setters	–	2 213	13	53	246	276	262	499	473	240	79	72	40.1
Sheetmetal workers and tinsmiths	–	232	–	4	24	32	39	56	54	15	8	–	38.0
Tool and die makers	–	1 034	–	40	98	133	72	219	241	143	77	11	42.9
Other metal craftsmen	–	1 223	–	17	79	179	100	316	306	141	67	18	42.5
Printing craftsmen	5	313	5	8	37	28	62	60	48	15	32	18	37.8
Compositors and typesetters	–	84	5	4	9	5	21	9	8	10	5	8	...
Pressmen and plate printers, printing	–	157	–	4	23	23	41	14	27	5	10	10	33.5
Stationary engineers and power station operators	–	233	–	10	14	5	15	54	89	27	19	–	47.1
Other craftsmen and kindred workers	11	1 611	25	41	237	182	145	342	365	134	75	65	40.1

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

ROCKFORD SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**70**	**15 594**	**471**	**909**	**2 132**	**2 311**	**1 657**	**2 815**	**2 800**	**1 237**	**856**	**406**	**36.1**
Assemblers	–	2 647	45	119	643	415	250	433	462	129	123	28	32.0
Checkers, examiners, and inspectors, manufacturing	–	1 367	–	25	99	212	169	259	293	181	112	17	41.9
Garage workers and gas station attendants	26	564	164	128	76	44	19	53	27	18	11	24	19.8
Laundry and drycleaning operatives, n.e.c	–	118	5	22	10	4	5	26	9	15	5	17	40.0
Meat cutters and butchers	–	301	25	10	14	54	53	65	20	14	5	41	34.5
Mine operatives, n.e.c	–	16	6	–	–	–	–	–	–	–	10	–	...
Packers and wrappers, except produce	10	383	80	48	39	32	12	64	49	29	9	21	28.8
Painters, manufactured articles	–	408	6	28	77	90	42	70	60	25	10	–	30.4
Precision machine operatives	–	2 789	34	112	370	412	337	507	581	242	146	48	37.6
Sawyers	–	91	–	5	21	3	5	7	10	30	–	10	...
Stationary firemen	–	102	–	5	7	19	16	18	13	–	10	14	37.2
Textile operatives	–	8	–	4	–	–	–	–	4	–	–	–	...
Welders and flamecutters	–	795	6	42	111	192	87	139	124	47	33	14	32.7
Other metalworking operatives	–	1 264	16	31	108	168	159	270	324	90	78	20	40.6
Other specified operatives	29	1 649	33	105	189	177	190	302	265	176	132	80	39.3
Miscellaneous and not specified operatives	5	3 092	51	225	368	489	313	602	559	241	172	72	36.7
Occupation:													
Machine operatives, miscellaneous specified	5	1 382	9	118	177	198	170	289	207	117	88	9	35.7
Machine operatives, not specified	–	788	5	41	104	163	56	126	174	56	41	22	37.0
Miscellaneous operatives	–	557	31	45	39	84	45	98	110	56	22	27	38.5
Not specified operatives	–	365	6	21	48	44	42	89	68	12	21	14	37.4
Industry:													
Manufacturing	5	2 880	33	199	360	458	301	571	519	223	161	55	36.6
Durable goods	5	2 346	29	134	293	366	207	452	472	200	151	42	38.2
Wood products, including furniture	–	42	–	6	–	12	4	–	11	–	4	5	...
Primary metal industries	–	251	–	5	32	45	24	40	30	19	51	5	39.9
Fabricated metal industries	–	711	5	44	79	51	71	166	159	79	40	17	41.4
Machinery, including electrical	–	937	24	61	146	177	82	149	172	61	56	9	33.7
Motor vehicles and equipment	–	161	–	11	20	47	5	32	30	16	–	–	32.5
Transportation equipment, except motor vehicles	–	92	–	4	–	11	6	22	46	3	–	–	...
Other durable goods	5	152	–	3	16	23	15	43	24	22	–	6	39.4
Nondurable goods	–	518	4	65	67	86	94	113	47	23	10	9	32.0
Food and kindred products	–	289	4	20	49	65	57	54	30	5	5	–	30.6
Apparel and other fabricated textile products	–	10	–	–	–	–	–	5	5	–	–	–	...
Paper and allied products	–	62	–	17	3	12	17	4	9	–	–	–	...
Chemicals and allied products	–	51	–	15	–	–	11	16	–	5	–	4	...
Other nondurable goods	–	106	–	13	15	9	9	34	3	13	5	5	37.1
Not specified manufacturing industries	–	16	–	–	–	6	–	6	–	–	–	4	...
Nonmanufacturing industries	–	212	18	26	8	31	12	31	40	18	11	17	38.5
Transportation, communications, and other public utilities	–	35	–	5	–	5	–	6	13	–	6	–	...
Wholesale and retail trade	–	93	15	4	8	18	–	10	22	5	–	11	...
All other industries	–	84	3	17	–	8	12	15	5	13	5	6	...
Transport equipment operatives	**17**	**3 210**	**71**	**205**	**433**	**422**	**332**	**816**	**530**	**193**	**101**	**107**	**36.7**
Bus drivers	–	78	–	–	5	7	5	27	15	15	–	4	...
Taxicab drivers and chauffeurs	–	100	–	–	21	22	8	9	13	17	5	5	...
Truck drivers and deliverymen	12	2 513	61	150	313	327	253	685	428	126	78	92	37.2
Other transport equipment operatives	5	519	10	55	94	66	66	95	74	35	18	6	32.6
Laborers, except farm	**124**	**3 743**	**623**	**499**	**519**	**306**	**306**	**530**	**417**	**271**	**158**	**114**	**28.8**
Construction laborers	–	458	12	23	107	45	28	95	75	51	15	7	36.5
Freight, stock, and material handlers	65	1 733	459	310	232	145	110	192	146	67	56	16	22.1
Other specified laborers	54	983	110	100	130	86	105	117	103	101	55	76	33.1
Miscellaneous and not specified laborers	5	569	42	66	50	30	63	126	93	52	32	15	37.7
Occupation:													
Miscellaneous laborers	5	266	5	21	29	6	47	49	56	24	23	6	40.1
Not specified laborers	–	303	37	45	21	24	16	77	37	28	9	9	36.1
Industry:													
Manufacturing	–	368	19	37	32	30	51	91	43	37	17	11	36.6
Durable goods	–	301	15	16	26	30	51	70	39	31	17	6	36.8
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–	–
Metal industries	–	169	6	11	14	13	51	41	14	11	8	–	34.0
Machinery, including electrical	–	76	4	5	6	5	–	11	10	20	9	6	...
Transportation equipment	–	20	–	–	6	–	–	9	5	–	–	–	...
Other durable goods	–	36	5	–	–	12	–	9	10	–	–	–	...
Nondurable goods	–	67	4	21	6	–	–	21	4	6	–	5	...
Food and kindred products	–	50	4	15	6	–	–	10	4	6	–	5	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	5	201	23	29	18	–	12	35	50	15	15	4	40.3
Railroads and railway express service	–	17	–	–	–	–	–	–	5	5	7	–	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	–	39	–	5	5	–	–	6	23	–	–	–	...
Wholesale and retail trade	–	70	9	19	5	–	4	5	10	10	8	–	...
All other industries	5	75	14	5	8	–	8	24	12	–	–	4	...
Farmers and farm managers	–	**1 245**	**5**	**11**	**32**	**59**	**71**	**252**	**396**	**160**	**106**	**153**	**49.9**
Farm laborers and farm foremen	**71**	**511**	**107**	**60**	**45**	**42**	**50**	**50**	**44**	**36**	**44**	**33**	**30.2**
Paid farm laborers and farm foremen	59	427	67	48	41	42	40	50	44	31	35	29	31.9
Unpaid family workers	12	84	40	12	4	–	10	–	–	5	9	4	...
Service workers, except private household[1]	**220**	**4 602**	**682**	**228**	**443**	**306**	**311**	**671**	**647**	**451**	**392**	**471**	**39.9**
Cleaning service workers	45	1 792	175	117	159	68	60	213	294	228	248	230	48.5
Food service workers	118	1 095	446	61	90	14	67	134	119	93	33	38	22.3
Cooks, except private household	29	403	217	21	41	–	10	48	31	9	10	16	17.9
Busboys and dishwashers	61	233	155	27	18	–	6	–	8	5	–	14	17.5
Health service workers	–	83	10	13	33	–	–	–	10	10	–	7	...
Personal service workers	10	444	42	8	45	51	61	72	31	35	34	65	37.1
Protective service workers	–	938	–	–	75	155	109	208	160	64	51	116	41.3
Firemen, fire protection	–	198	–	–	9	36	38	79	18	10	8	–	37.0
Guards and watchmen	–	375	–	–	30	9	17	52	91	38	32	106	53.7
Policemen and detectives	–	306	–	–	30	77	54	77	41	16	11	–	34.3
Private household workers	**4**	**27**	**–**	**–**	**10**	**–**	**–**	**–**	**5**	**6**	**–**	**6**	**...**

[1] Includes allocated cases not shown separately.

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
ROCKFORD SMSA—Continued													
Total—Continued													
Female employed	**406**	**41 460**	**1 859**	**2 704**	**6 237**	**4 087**	**3 259**	**8 453**	**8 345**	**3 254**	**1 911**	**1 351**	**38.1**
Professional, technical, and kindred workers	**10**	**5 456**	**33**	**94**	**1 026**	**882**	**480**	**1 099**	**928**	**377**	**310**	**227**	**36.9**
Accountants	–	178	–	5	12	26	5	50	48	13	10	9	43.2
Computer specialists	–	35	–	5	12	–	4	4	10	–	–	–	...
Librarians	–	71	–	11	13	–	5	5	17	10	7	3	...
Mathematical specialists	–	6	–	–	–	–	–	–	6	–	–	–	...
Life and physical scientists	–	15	–	–	–	6	5	–	4	–	–	–	...
Registered nurses, dietitians, and therapists	–	1 345	4	21	296	191	152	275	230	89	50	37	35.3
Dietitians	–	37	–	–	6	6	5	–	5	9	–	6	...
Registered nurses	–	1 231	–	4	258	180	138	265	225	80	50	31	36.3
Health technologists and technicians	–	186	9	10	63	37	26	23	11	7	–	–	26.5
Social scientists	–	37	–	–	5	11	5	5	–	7	–	4	...
Social and recreation workers	–	128	5	5	21	22	5	12	21	16	–	21	40.0
Teachers: College and university	–	38	–	–	10	10	5	9	4	–	–	–	...
Elementary and prekindergarten	–	1 821	–	18	297	355	158	372	250	141	140	90	37.2
Secondary	–	590	–	–	150	137	36	77	117	33	18	22	31.1
Other teachers	10	156	5	–	10	18	16	15	48	–	35	9	47.9
Engineering and science technicians	–	135	6	11	24	–	6	51	21	16	–	–	39.0
Technicians, except health, and engineering and science	–	15	–	–	–	5	–	10	–	–	–	–	...
Writers, artists, and entertainers	–	197	–	5	49	9	21	46	58	–	6	3	38.2
Actors and dancers	–	18	–	5	9	4	–	–	–	–	–	–	...
Authors, editors, and reporters	–	54	–	–	14	–	4	17	10	–	6	3	...
Other professional, technical, and kindred workers	–	503	4	3	64	55	31	145	83	45	44	29	41.5
Managers and administrators, except farm	**11**	**919**	**–**	**4**	**67**	**48**	**38**	**237**	**259**	**140**	**77**	**49**	**47.5**
Buyers, purchasing agents, and sales managers	5	212	–	–	29	–	17	72	54	21	19	–	43.3
Restaurant, cafeteria, and bar managers	–	86	–	–	–	10	5	4	23	28	12	4	...
School administrators	–	83	–	–	–	5	–	11	35	16	16	–	...
Other specified managers and administrators	6	228	–	4	18	23	3	48	48	34	24	26	48.8
Managers and administrators, n.e.c., salaried	–	223	–	–	20	10	5	75	74	20	–	19	45.2
Wholesale and retail trade	–	81	–	–	12	–	5	18	21	20	–	5	...
Managers and administrators, n.e.c., self-employed	–	87	–	–	–	–	8	27	25	21	6	–	...
Wholesale and retail trade	–	49	–	–	–	–	–	17	19	13	–	–	...
Sales workers	**72**	**3 159**	**370**	**217**	**217**	**175**	**197**	**559**	**740**	**331**	**194**	**159**	**42.2**
Demonstrators, hucksters, and peddlers	–	186	6	–	20	39	26	46	23	21	–	5	35.4
Insurance, real estate agents, and brokers	–	186	5	5	14	15	16	12	73	8	15	23	48.6
Sales clerks, retail trade	22	2 254	317	167	125	78	114	373	513	281	175	111	43.7
Salesmen, retail trade	–	89	6	4	–	10	–	19	39	3	4	4	...
Other sales workers	50	444	36	41	58	33	41	109	92	18	–	16	36.2
Clerical and kindred workers	**56**	**13 735**	**649**	**1 245**	**2 368**	**1 354**	**1 026**	**2 604**	**2 640**	**908**	**546**	**395**	**35.9**
Bank tellers	–	278	17	8	85	54	21	40	25	10	6	12	27.7
Bookkeepers	–	1 755	10	74	113	176	147	404	457	160	107	107	43.8
Cashiers	16	1 193	289	165	157	72	67	176	135	47	31	54	24.5
Counter clerks, except food	–	271	34	40	31	5	15	47	71	18	10	–	37.2
Enumerators and interviewers	–	28	–	–	–	–	–	12	11	5	–	–	...
File clerks	–	409	19	53	64	17	15	67	84	55	31	4	40.4
Office machine operators	–	540	10	101	103	76	68	94	59	14	10	5	28.7
Bookkeeping and billing machine operators	–	121	–	40	32	12	10	17	–	–	5	5	23.2
Keypunch operators	–	318	–	51	59	53	39	57	40	14	5	–	29.6
Payroll and timekeeping clerks	–	201	–	8	6	9	22	33	86	18	19	–	47.6
Receptionists	6	589	12	59	139	63	36	96	111	42	21	10	33.0
Secretaries	–	3 678	56	322	774	493	297	692	658	160	127	99	33.3
Stenographers	–	158	5	21	47	5	5	30	29	12	4	–	31.0
Telephone operators	–	434	17	39	68	45	31	68	94	41	17	14	37.5
Typists	5	1 085	37	134	278	83	67	207	190	39	15	35	30.8
Other clerical and kindred workers	29	3 116	143	221	503	256	235	638	630	287	148	55	38.1
Craftsmen and kindred workers	**6**	**899**	**–**	**65**	**105**	**59**	**104**	**177**	**237**	**79**	**30**	**43**	**41.6**
Foremen, n.e.c.	–	98	–	–	–	14	21	25	33	5	–	–	...
Operatives, except transport	**25**	**9 000**	**147**	**396**	**1 354**	**938**	**824**	**2 125**	**1 993**	**751**	**369**	**103**	**39.0**
Assemblers	4	1 822	27	128	369	210	155	329	436	116	47	5	35.7
Bottling and canning operatives	–	23	5	6	–	–	–	8	4	–	–	–	...
Checkers, examiners, and inspectors; manufacturing	–	957	–	19	138	105	72	182	297	115	23	6	42.9
Dressmakers and seamstresses, except factory	–	100	–	–	10	–	9	23	21	13	5	19	...
Laundry and dry cleaning operatives, including ironers	–	374	25	5	53	5	31	71	114	33	24	13	44.6
Graders and sorters, manufacturing	–	31	–	4	–	–	–	11	16	–	–	–	...
Packers and wrappers, except produce	–	1 007	28	65	165	89	73	285	191	84	27	–	37.9
Sewers and stitchers	3	179	4	5	13	11	22	19	38	27	25	15	49.1
Textile operatives	–	34	–	4	–	4	10	–	10	6	–	–	...
Other specified operatives	13	2 714	40	84	317	301	316	740	551	205	129	31	39.0
Miscellaneous and not specified operatives	5	1 759	18	76	289	213	136	457	315	152	89	14	38.2
Manufacturing	–	1 682	8	70	285	199	131	457	309	132	77	14	38.2
Durable goods	–	1 260	–	57	219	132	100	326	229	122	66	9	38.7
Machinery, including electrical	–	439	–	46	83	71	27	80	83	34	12	3	33.6
Other durable goods	–	821	–	11	136	61	73	246	146	88	54	6	40.3
Nondurable goods, including not specified manufacturing	–	422	8	13	66	67	31	131	80	10	11	5	37.0
Food and kindred products	–	187	–	13	42	32	21	46	24	4	5	–	31.5
Apparel and other fabricated textile products	–	5	–	–	–	–	–	–	–	–	–	5	...
Nonmanufacturing industries	5	77	10	6	4	14	5	–	6	20	12	–	...
Transport equipment operatives	**–**	**168**	**4**	**–**	**19**	**10**	**11**	**76**	**10**	**28**	**–**	**10**	**40.3**
Laborers, except farm	**4**	**679**	**36**	**16**	**85**	**89**	**81**	**163**	**147**	**33**	**14**	**15**	**37.0**
Farmers and farm managers	**–**	**66**	**–**	**–**	**–**	**5**	**4**	**3**	**9**	**21**	**15**	**9**	**...**
Farm laborers and farm foremen	**–**	**68**	**8**	**7**	**–**	**–**	**–**	**32**	**16**	**5**	**–**	**–**	**...**
Paid farm laborers and farm foremen	–	23	–	–	–	–	–	12	11	–	–	–	...
Unpaid family workers	–	45	8	7	–	–	–	20	5	5	–	–	...
Service workers, except private household[1]	**140**	**6 734**	**571**	**627**	**976**	**497**	**472**	**1 299**	**1 247**	**516**	**294**	**235**	**36.7**
Cleaning service workers	5	754	53	24	15	29	58	182	212	97	46	38	45.8
Chambermaids and maids	5	219	33	10	4	–	15	40	59	33	20	5	46.3
Food service workers	58	2 992	375	246	322	225	145	586	608	221	142	122	38.1
Cooks, except private household	–	787	51	16	61	20	33	124	246	90	89	57	48.6
Waiters and food counter workers	53	1 578	258	202	239	167	82	314	189	70	19	38	27.7
Health service workers	12	1 454	106	243	359	81	77	225	211	57	65	30	26.2
Nursing aides, orderlies, and attendants	12	855	96	133	148	56	63	164	129	15	36	15	29.5
Practical nurses	–	249	–	5	74	9	–	38	56	37	20	10	44.6
Personal service workers	23	1 061	27	48	200	134	120	222	149	100	20	41	35.1
Hairdressers and cosmetologists	–	702	9	39	169	97	76	141	86	59	11	15	32.4
Private household workers	**82**	**577**	**41**	**33**	**20**	**30**	**22**	**79**	**119**	**65**	**62**	**106**	**50.3**
Private household workers, living in	–	36	–	–	–	–	7	–	5	6	–	18	...
Private household workers, living out	82	541	41	33	20	30	15	79	114	59	62	88	49.6

[1]Includes protective service workers and allocated cases not shown separately.

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
ST. LOUIS, MO.–ILL., SMSA													
Total													
Male employed	5 009	553 713	14 107	18 840	52 404	65 438	58 419	121 122	116 563	47 787	35 691	23 342	40.6
Professional, technical, and kindred workers	42	82 147	278	1 053	8 577	14 930	11 939	20 083	14 456	4 444	3 586	2 801	37.1
Accountants	–	7 306	–	30	741	1 445	805	1 552	1 385	534	474	340	39.1
Architects	–	735	–	10	28	73	115	234	138	47	65	25	41.0
Computer specialists	–	3 084	6	37	431	1 086	640	591	254	20	19	–	29.9
Engineers	–	17 564	13	32	1 222	2 835	2 866	5 040	3 729	916	577	334	38.6
Aeronautical and astronautical	–	2 892	–	–	250	505	487	887	659	52	46	6	37.3
Civil	–	1 907	4	6	133	284	340	509	293	107	117	114	38.7
Electrical and electronic	–	3 840	9	11	294	596	689	1 241	659	177	118	46	37.6
Mechanical	–	2 172	–	–	164	313	385	596	449	116	105	44	38.8
Other engineers	–	6 753	–	15	381	1 137	965	1 807	1 669	464	191	124	39.9
Lawyers and judges	–	2 766	–	–	28	315	366	763	469	210	212	403	43.8
Life and physical scientists	–	1 774	–	–	154	325	316	466	318	100	82	13	37.0
Chemists	–	1 330	–	–	145	267	201	313	246	72	73	13	36.7
Physicians, dentists, and related practitioners	–	5 868	9	47	214	728	708	1 416	1 088	529	473	656	43.7
Dentists	–	878	–	5	–	39	106	175	168	118	122	145	51.8
Pharmacists	–	1 286	9	34	130	145	79	299	193	125	126	146	43.2
Physicians, medical and osteopathic	–	3 134	–	8	57	497	446	816	569	245	199	297	41.9
Other related practitioners	–	570	–	–	27	47	77	126	158	41	26	68	45.5
Health technologists and technicians	5	975	11	18	194	232	142	171	117	37	48	5	31.1
Religious workers	–	2 585	5	26	92	215	371	784	435	197	191	269	42.4
Social scientists	–	976	–	–	47	241	130	296	149	67	30	16	37.4
Social and recreation workers	12	1 133	13	61	204	231	166	168	161	38	68	23	31.7
Teachers	4	11 498	112	123	1 438	2 550	1 995	2 704	1 501	520	381	174	33.8
College and university	–	3 094	–	15	225	502	576	991	499	135	118	33	37.3
Elementary and prekindergarten	–	2 491	12	21	416	624	439	445	314	78	116	26	32.0
Secondary	–	5 124	17	9	700	1 318	918	1 146	580	270	105	61	32.8
Engineering and science technicians	–	9 148	23	262	1 746	1 946	1 144	1 909	1 405	358	261	94	32.6
Draftsmen and surveyors	–	4 876	16	180	1 056	1 087	539	954	697	163	128	56	30.9
Electrical and electronic engineering technicians	–	1 108	–	8	160	249	170	312	125	49	29	6	34.0
Technicians, except health, and engineering and science	–	1 193	–	7	97	192	184	276	330	59	25	23	39.2
Airplane pilots	–	319	–	–	17	71	61	61	109	–	–	–	36.7
Writers, artists, and entertainers	21	5 706	63	195	628	919	644	1 367	1 042	326	303	219	38.0
Other professional, technical, and kindred workers	–	9 836	23	205	1 313	1 597	1 347	2 346	1 935	486	377	207	36.8
Managers and administrators, except farm	19	59 119	78	299	2 509	4 968	6 436	16 053	15 624	5 802	4 243	3 107	44.5
Buyers, purchasing agents, and sales managers	–	9 219	–	20	503	942	1 224	2 682	2 314	842	458	234	42.2
School administrators	–	1 551	–	–	24	113	184	608	312	162	121	27	42.5
Specified managers and administrators, public administration	–	3 495	–	12	69	151	190	791	1 187	510	334	251	49.5
Other specified managers and administrators	13	9 525	37	133	759	1 022	986	2 242	2 248	881	740	477	43.1
Managers and administrators, n.e.c., salaried	6	29 073	41	122	1 060	2 454	3 277	8 244	7 903	2 646	1 910	1 416	44.2
Manufacturing	–	8 596	–	4	179	552	925	2 586	2 591	859	561	339	45.2
Wholesale and retail trade	6	9 400	20	44	582	1 045	984	2 383	2 530	789	570	453	43.5
Transportation, communications, and other public utilities	–	3 051	5	15	56	230	311	891	890	331	226	96	45.2
All other industries	–	8 026	16	59	243	627	1 057	2 384	1 892	667	553	528	43.4
Managers and administrators, n.e.c., self-employed	–	6 256	–	12	94	286	575	1 486	1 660	761	680	702	49.1
Construction	–	987	–	–	10	35	126	301	291	63	85	76	45.7
Manufacturing	–	402	–	–	–	33	11	70	84	77	60	67	55.2
Wholesale and retail trade	–	3 225	–	12	69	131	287	717	885	391	361	372	49.5
All other industries	–	1 642	–	–	15	87	151	398	400	230	174	187	49.3
Sales workers	876	40 233	1 358	1 367	3 447	4 815	4 045	8 576	7 928	3 200	2 565	2 932	40.9
Insurance agents, brokers, and underwriters	–	4 867	–	9	477	704	560	1 261	1 010	309	273	264	40.4
Real estate agents and brokers	–	1 797	–	–	20	104	105	324	443	238	186	377	52.8
Sales representatives, manufacturing industries	–	5 304	17	–	200	755	745	1 468	1 185	407	284	243	41.4
Sales representatives, wholesale trade	12	8 687	10	42	578	1 321	1 011	1 967	2 010	683	523	542	42.0
Sales clerks, retail trade	138	8 417	955	992	1 149	711	516	1 112	1 062	597	592	731	33.9
Salesmen, retail trade	9	4 171	43	90	331	441	387	963	958	408	272	278	43.2
Salesmen of services and construction	14	2 295	68	43	197	194	213	566	490	205	162	157	42.6
Other sales workers	703	4 695	265	191	495	585	508	915	770	353	273	340	38.3
Clerical and kindred workers	222	48 917	1 318	2 568	6 843	5 714	4 331	8 970	9 919	4 277	3 029	1 948	39.1
Bank tellers and cashiers	51	1 968	325	371	447	163	61	153	185	68	129	66	23.2
Bookkeepers and billing clerks	9	3 222	28	76	383	375	239	590	651	306	248	326	43.6
Mail handlers and postal clerks	4	6 778	50	238	600	453	563	1 645	2 039	695	329	166	44.0
Other clerical and kindred workers	158	36 949	915	1 883	5 413	4 723	3 468	6 582	7 044	3 208	2 323	1 390	38.1
Craftsmen and kindred workers	156	119 913	679	1 902	9 007	13 438	12 895	29 439	29 132	11 536	8 616	3 269	42.5
Apparel craftsmen and upholsterers	–	847	–	15	41	67	72	157	190	114	91	100	48.8
Bakers	14	1 146	29	63	78	99	111	256	238	107	113	52	42.5
Cabinetmakers	–	519	4	5	43	78	61	134	79	51	44	20	40.1
Construction craftsmen	37	28 619	131	275	1 787	3 084	3 202	7 282	7 244	2 751	2 114	749	43.0
Carpenters	9	7 192	27	60	456	692	913	1 938	1 811	523	515	257	42.5
Excavating, grading, and road machine operators	5	2 055	16	10	142	210	202	572	516	184	175	28	42.8
Electricians	5	5 980	–	27	423	810	744	1 518	1 502	503	361	92	41.5
Masons and tile setters	–	1 741	6	15	161	116	154	548	506	116	95	24	42.6
Painters, construction and maintenance, and paperhangers	14	3 569	58	61	146	414	400	808	751	461	370	100	43.7
Plasterers and cement finishers	–	993	–	18	50	129	120	275	210	107	48	36	41.5
Plumbers and pipe fitters	4	5 147	24	65	244	450	381	1 101	1 564	698	443	177	47.0
Other construction craftsmen	–	1 942	–	19	165	263	288	522	384	159	107	35	39.5
Foremen, n.e.c.	–	18 751	21	29	487	1 331	1 904	5 443	5 618	2 027	1 450	441	45.3
Manufacturing	–	11 523	11	12	228	821	1 223	3 356	3 653	1 206	808	205	45.3
Nonmanufacturing industries	–	7 228	10	17	259	510	681	2 087	1 965	821	642	236	45.3
Linemen and servicemen, telephone and power	–	4 690	25	171	758	670	534	1 358	816	125	216	17	36.4
Locomotive engineers and firemen	–	1 125	–	12	67	51	60	260	327	183	111	54	48.4
Mechanics and repairmen	37	26 259	216	660	2 492	3 521	3 155	6 033	5 649	2 309	1 727	497	40.1
Air conditioning, heating, and refrigeration	–	1 381	15	22	96	138	114	350	326	170	105	45	43.7
Aircraft	–	1 835	–	–	96	294	327	546	403	102	50	17	38.7
Automobile, including body	9	10 004	105	410	1 218	1 428	1 344	2 074	1 943	821	583	78	37.4
Radio and television	–	1 533	40	59	127	247	218	393	241	85	103	20	36.9
Other mechanics and repairmen	28	11 506	56	169	955	1 414	1 152	2 670	2 736	1 131	886	337	42.5
Metal craftsmen, except mechanics	6	15 651	32	177	1 220	1 836	1 635	3 643	4 072	1 612	1 074	350	43.0
Machinists and job and die setters	6	5 915	15	78	506	639	593	1 298	1 512	668	459	147	43.7
Sheetmetal workers and tinsmiths	–	3 452	6	50	389	575	427	882	686	234	136	67	38.2
Tool and die makers	–	2 655	5	14	185	244	234	572	878	248	200	75	45.8
Other metal craftsmen	–	3 629	6	35	140	378	381	891	996	462	279	61	44.8
Printing craftsmen	5	4 809	60	183	411	652	560	1 199	789	435	401	119	39.5
Compositors and typesetters	5	1 742	30	82	136	181	184	358	346	193	173	59	42.2
Pressmen and plate printers, printing	–	2 162	30	78	191	329	283	584	306	169	156	36	37.9
Stationary engineers and power station operators	–	2 371	16	6	124	213	158	482	739	219	279	135	47.5
Other craftsmen and kindred workers	57	15 126	145	306	1 499	1 836	1 443	3 192	3 371	1 603	996	735	42.3

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

ST. LOUIS, MO.–ILL., SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**481**	**80 079**	**1 709**	**3 849**	**10 321**	**10 644**	**8 316**	**15 901**	**15 649**	**7 081**	**4 843**	**1 766**	**38.3**
Assemblers	–	9 742	32	475	1 977	1 931	1 219	1 809	1 303	568	352	76	31.9
Checkers, examiners, and inspectors, manufacturing	–	4 451	11	43	380	587	553	1 107	972	461	242	95	40.9
Garage workers and gas station attendants	92	4 452	746	904	768	402	310	423	461	191	143	104	23.8
Laundry and drycleaning operatives, n.e.c	10	585	24	34	93	38	35	80	145	56	44	36	43.6
Meat cutters and butchers	5	3 898	38	34	182	434	375	716	1 061	548	390	120	46.6
Mine operatives, n.e.c	–	511	–	20	78	59	43	120	125	33	33	–	39.6
Packers and wrappers, except produce	9	2 766	113	219	381	252	207	496	584	229	209	76	39.3
Painters, manufactured articles	–	1 715	4	70	193	288	176	391	308	177	79	29	38.2
Precision machine operatives	–	3 596	36	121	438	560	367	655	771	350	233	65	39.2
Sawyers	–	347	7	27	32	22	27	92	42	38	38	22	41.4
Stationary firemen	–	1 001	–	9	52	111	48	248	219	131	125	58	46.5
Textile operatives	–	210	12	19	36	16	5	30	61	21	10	–	40.7
Welders and flamecutters	9	7 012	28	218	871	1 062	757	1 604	1 418	561	366	127	38.6
Other metalworking operatives	–	4 226	51	155	500	633	454	799	941	372	249	72	39.0
Other specified operatives	289	14 073	319	570	1 648	1 495	1 347	2 913	2 842	1 417	1 014	508	40.7
Miscellaneous and not specified operatives	67	21 494	288	931	2 692	2 754	2 393	4 418	4 396	1 928	1 316	378	38.8
Occupation:													
Machine operatives, miscellaneous specified	5	7 817	104	267	1 000	961	933	1 679	1 583	635	512	143	38.8
Machine operatives, not specified	11	5 344	40	231	653	705	604	1 024	1 109	584	334	60	39.3
Miscellaneous operatives	36	5 231	109	309	688	748	594	1 023	948	396	298	118	36.6
Not specified operatives	15	3 102	35	124	351	340	262	692	756	313	172	57	41.3
Industry:													
Manufacturing	27	18 340	164	740	2 283	2 304	2 079	3 829	3 864	1 706	1 114	257	39.2
Durable goods	16	10 843	104	452	1 430	1 347	1 282	2 445	2 129	869	647	138	38.3
Wood products, including furniture	–	301	11	21	8	30	31	38	65	51	29	17	46.8
Primary metal industries	5	2 401	9	62	214	292	271	560	593	217	159	24	41.3
Fabricated metal industries	–	1 840	11	128	320	273	184	451	255	83	99	36	35.1
Machinery, including electrical	6	1 984	32	142	308	219	210	422	347	172	93	39	36.9
Motor vehicles and equipment	–	1 121	–	40	183	111	183	264	221	55	64	–	36.6
Transportation equipment, except motor vehicles	–	1 200	–	–	158	212	190	248	235	102	55	–	36.6
Other durable goods	5	1 996	41	59	239	210	213	462	413	189	148	22	40.1
Nondurable goods	11	7 407	54	288	832	952	786	1 373	1 715	821	467	119	40.8
Food and kindred products	5	1 651	15	16	169	206	120	253	431	253	162	26	46.1
Apparel and other fabricated textile products	–	204	16	20	39	20	10	32	25	15	27	–	33.5
Paper and allied products	–	1 042	10	81	137	136	152	193	187	88	42	16	35.3
Chemicals and allied products	–	2 582	4	27	225	351	289	578	676	275	139	18	41.8
Other nondurable goods	6	1 928	9	144	262	239	215	317	396	190	97	59	38.0
Not specified manufacturing industries	–	90	6	–	21	5	11	11	20	16	–	–	...
Nonmanufacturing industries	40	3 154	124	191	409	450	314	589	532	222	202	121	36.5
Transportation, communications, and other public utilities	–	889	5	37	150	239	92	162	102	53	49	–	30.7
Wholesale and retail trade	23	1 275	108	81	163	113	114	256	273	81	51	35	37.3
All other industries	17	990	11	73	96	98	108	171	157	88	102	86	41.4
Transport equipment operatives	**99**	**34 854**	**309**	**914**	**2 464**	**3 568**	**3 969**	**8 417**	**8 804**	**3 343**	**2 107**	**959**	**42.4**
Bus drivers	–	1 826	–	27	56	111	172	303	546	264	214	133	49.5
Taxicab drivers and chauffeurs	–	2 189	5	28	107	161	150	457	532	280	315	154	48.5
Truck drivers and deliverymen	74	22 301	223	547	1 493	2 373	2 660	5 813	5 777	1 948	1 081	386	41.6
Other transport equipment operatives	25	8 538	81	312	808	923	987	1 844	1 949	851	497	286	41.3
Laborers, except farm	**994**	**35 551**	**2 770**	**3 436**	**4 768**	**3 403**	**2 867**	**6 387**	**5 869**	**2 838**	**2 023**	**1 190**	**35.8**
Construction laborers	23	5 045	84	197	522	598	424	1 194	1 038	467	408	113	40.8
Freight, stock, and material handlers	323	16 289	1 689	2 057	2 471	1 611	1 395	2 632	2 467	1 005	653	309	31.1
Other specified laborers	498	7 679	623	668	843	645	529	1 357	1 175	762	511	566	38.9
Miscellaneous and not specified laborers	150	6 538	374	514	932	549	519	1 204	1 189	604	451	202	38.2
Occupation:													
Miscellaneous laborers	28	2 016	37	82	255	166	155	412	427	211	184	87	42.6
Not specified laborers	122	4 522	337	432	677	383	364	792	762	393	267	115	35.9
Industry:													
Manufacturing	19	3 609	81	291	571	379	339	681	673	333	214	47	37.1
Durable goods	5	2 727	56	215	471	275	259	528	547	223	119	34	36.7
Wood products, including furniture	–	74	–	12	6	5	12	23	7	5	–	4	...
Metal industries	–	1 448	9	139	249	109	140	315	308	90	67	22	37.5
Machinery, including electrical	–	311	9	22	64	31	15	29	81	45	15	–	40.0
Transportation equipment	–	400	7	–	81	74	46	70	73	30	15	4	34.1
Other durable goods	5	494	31	42	71	56	46	91	78	53	22	4	35.1
Nondurable goods	14	862	25	72	96	97	80	153	121	110	95	13	39.0
Food and kindred products	5	397	8	29	15	54	54	80	58	62	37	–	39.8
Not specified manufacturing industries	–	20	–	4	4	7	–	–	5	–	–	–	...
Nonmanufacturing industries	131	2 929	293	223	361	170	180	523	516	271	237	155	39.5
Railroads and railway express service	–	521	–	10	70	40	30	51	140	83	69	28	49.3
Transportation, except railroads	–	199	10	24	35	5	13	49	29	14	10	10	37.6
Communications, and utilities and sanitary services	5	449	–	4	67	31	44	110	106	34	32	21	42.1
Wholesale and retail trade	72	974	162	141	107	47	52	164	119	67	63	52	32.9
All other industries	54	786	121	44	82	47	41	149	122	73	63	44	38.9
Farmers and farm managers	**13**	**4 233**	**7**	**11**	**140**	**154**	**268**	**669**	**1 028**	**646**	**562**	**748**	**53.4**
Farm laborers and farm foremen	**240**	**2 016**	**379**	**238**	**266**	**85**	**120**	**195**	**299**	**108**	**143**	**183**	**31.7**
Paid farm laborers and farm foremen	217	1 809	327	209	213	73	120	195	280	74	139	179	33.4
Unpaid family workers	23	207	52	29	53	12	–	–	19	34	4	4	22.1
Service workers, except private household[1]	**1 813**	**46 311**	**5 189**	**3 194**	**4 034**	**3 708**	**3 218**	**6 405**	**7 806**	**4 483**	**3 903**	**4 371**	**41.0**
Cleaning service workers	397	16 262	1 114	892	1 018	730	853	2 020	3 455	2 268	1 870	2 042	49.4
Food service workers	901	9 856	3 334	1 552	910	436	377	872	976	534	444	421	20.2
Cooks, except private household	139	2 997	885	532	244	158	150	331	352	156	92	97	21.7
Busboys and dishwashers	499	2 520	1 516	595	179	51	20	49	22	10	38	40	17.7
Health service workers	13	1 284	90	179	283	150	57	198	142	71	52	62	28.0
Personal service workers	170	4 237	358	267	411	439	356	623	613	292	374	504	39.6
Protective service workers	4	11 010	36	9	929	1 629	1 216	2 135	2 022	1 053	916	1 065	42.9
Firemen, fire protection	–	1 967	4	–	119	246	335	590	411	148	93	21	39.7
Guards and watchmen	4	3 979	16	9	196	241	202	569	863	584	587	712	53.8
Policemen and detectives	–	4 465	11	–	595	1 122	652	919	650	286	164	66	33.9
Private household workers	**54**	**340**	**33**	**9**	**28**	**11**	**15**	**27**	**49**	**29**	**71**	**68**	**54.6**

[1]Includes allocated cases not shown separately.

Table 174. Occupation of Employed Persons by Age, Race, and Sex: 1970—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

ST. LOUIS, MO.–ILL., SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	**2 379**	**344 324**	**8 670**	**18 860**	**52 728**	**34 933**	**29 283**	**66 649**	**69 451**	**28 069**	**21 029**	**14 652**	**39.2**
Professional, technical, and kindred workers	**130**	**54 104**	**282**	**734**	**10 438**	**8 954**	**5 718**	**10 514**	**8 871**	**3 611**	**2 906**	**2 076**	**35.9**
Accountants	–	2 712	4	86	414	243	206	513	669	289	168	120	42.9
Computer specialists	–	841	–	34	292	173	91	130	79	31	11	–	27.7
Librarians	–	994	–	61	201	85	56	178	177	90	59	87	40.3
Mathematical specialists	–	101	–	–	23	18	5	25	15	4	5	6	36.8
Life and physical scientists	–	284	–	5	49	89	24	48	49	14	–	6	29.9
Registered nurses, dietitians, and therapists	10	10 006	40	111	2 068	1 454	1 047	2 152	1 593	760	541	240	36.3
Dietitians	–	456	11	22	44	40	17	97	112	58	40	15	44.7
Registered nurses	10	8 939	29	75	1 820	1 306	969	1 959	1 426	672	464	219	36.4
Health technologists and technicians	5	2 245	12	63	554	455	282	401	276	103	73	26	30.7
Social scientists	–	277	–	–	26	39	30	83	40	15	32	12	40.2
Social and recreation workers	5	2 270	27	23	421	348	221	416	485	138	123	68	37.3
Teachers: College and university	–	1 312	14	29	194	230	210	269	207	68	69	22	34.5
Elementary and prekindergarten	20	16 079	41	31	2 977	2 723	1 823	3 207	2 478	1 086	1 006	707	36.4
Secondary	–	5 362	21	5	1 181	1 284	570	771	724	364	251	191	31.7
Other teachers	34	1 479	58	51	199	176	145	274	244	98	87	147	39.0
Engineering and science technicians	–	1 114	9	70	254	248	116	180	180	22	20	15	29.5
Technicians, except health, and engineering and science	–	202	–	6	74	23	9	34	18	15	11	12	29.6
Writers, artists, and entertainers	10	2 253	40	51	358	381	214	499	412	125	70	103	36.7
Actors and dancers	5	21	–	–	–	10	5	6	–	–	–	–	...
Authors, editors, and reporters	–	518	–	5	119	103	38	112	96	29	–	16	34.2
Other professional, technical, and kindred workers	46	6 573	16	108	1 153	985	669	1 334	1 225	389	380	314	37.7
Managers and administrators, except farm	**11**	**10 480**	**9**	**127**	**778**	**755**	**738**	**2 146**	**3 015**	**1 193**	**922**	**797**	**47.3**
Buyers, purchasing agents, and sales managers	–	1 440	–	18	209	97	106	271	420	196	69	54	45.5
Restaurant, cafeteria, and bar managers	–	1 041	–	4	33	29	63	213	361	137	106	95	49.9
School administrators	–	658	4	–	39	40	50	167	176	80	69	33	46.6
Other specified managers and administrators	6	2 671	–	76	213	262	172	581	724	225	201	217	45.4
Managers and administrators, n.e.c., salaried	5	3 441	5	29	247	295	289	696	902	396	332	250	46.8
Wholesale and retail trade	–	1 241	5	19	82	95	103	250	289	177	116	105	47.3
Managers and administrators, n.e.c., self-employed	–	1 229	–	–	37	32	58	218	432	159	145	148	51.2
Wholesale and retail trade	–	706	–	–	28	24	33	108	239	107	89	78	51.7
Sales workers	**230**	**27 109**	**1 678**	**1 986**	**2 301**	**1 539**	**1 615**	**5 019**	**6 141**	**3 006**	**2 084**	**1 740**	**43.8**
Demonstrators, hucksters, and peddlers	–	1 337	38	51	125	161	192	389	194	98	52	37	37.6
Insurance, real estate agents, and brokers	–	1 752	20	5	114	81	86	445	428	216	152	205	47.9
Sales clerks, retail trade	141	18 581	1 375	1 544	1 400	794	879	3 321	4 373	2 281	1 507	1 107	44.9
Salesmen, retail trade	–	603	24	36	64	41	16	87	192	71	33	39	46.7
Other sales workers	89	4 836	221	350	598	462	442	777	954	340	340	352	39.4
Clerical and kindred workers	**393**	**133 563**	**2 785**	**11 033**	**27 457**	**13 989**	**11 104**	**24 906**	**23 938**	**8 241**	**6 386**	**3 724**	**35.2**
Bank tellers	–	2 412	15	164	641	231	213	474	474	109	70	21	33.6
Bookkeepers	5	13 660	81	517	1 777	1 360	1 047	3 039	3 021	1 169	995	654	41.7
Cashiers	51	9 222	733	1 029	1 231	816	712	1 898	1 836	512	318	137	35.5
Counter clerks, except food	19	2 496	108	192	361	205	153	523	517	208	131	98	39.4
Enumerators and interviewers	–	419	5	14	26	34	39	147	113	28	13	–	41.2
File clerks	39	4 517	261	718	1 108	311	259	584	661	239	205	171	27.8
Office machine operators	5	6 982	103	521	2 040	930	654	1 249	912	290	203	80	29.4
Bookkeeping and billing machine operators	5	922	12	45	220	147	95	176	124	46	44	13	31.9
Keypunch operators	–	3 907	77	332	1 339	620	392	612	393	73	54	15	26.7
Payroll and timekeeping clerks	–	1 403	5	26	258	156	112	239	343	136	89	39	41.0
Receptionists	5	3 243	114	358	834	309	240	514	501	189	102	82	30.1
Secretaries	29	31 926	202	1 952	7 140	4 061	2 830	6 201	5 662	1 864	1 348	666	34.6
Stenographers	–	1 801	24	222	492	132	62	258	351	108	77	75	32.5
Telephone operators	5	4 953	221	609	969	395	415	1 004	608	202	330	200	33.4
Typists	38	15 170	231	1 898	4 114	1 643	1 243	2 287	2 097	699	639	319	29.1
Other clerical and kindred workers	197	35 359	682	2 813	6 466	3 406	3 125	6 489	6 842	2 488	1 866	1 182	36.8
Craftsmen and kindred workers	**15**	**6 242**	**51**	**160**	**647**	**517**	**484**	**1 417**	**1 605**	**664**	**398**	**299**	**43.9**
Foremen, n.e.c.	6	1 494	–	8	86	80	117	332	485	221	122	43	47.6
Operatives, except transport	**165**	**38 412**	**363**	**1 071**	**3 420**	**3 391**	**3 563**	**8 312**	**9 830**	**4 028**	**2 971**	**1 463**	**43.9**
Assemblers	4	4 076	43	115	419	407	397	1 085	1 036	370	140	64	41.1
Bottling and canning operatives	–	117	5	4	16	33	–	27	16	5	5	6	35.2
Checkers, examiners, and inspectors, manufacturing	–	3 348	5	52	314	329	300	788	1 019	263	224	54	43.6
Dressmakers and seamstresses, except factory	11	953	6	10	24	27	33	165	189	156	140	203	55.7
Laundry and dry cleaning operatives, including ironers	4	2 972	31	31	202	182	283	585	778	400	342	138	47.2
Graders and sorters, manufacturing	–	95	–	–	4	4	21	26	23	4	6	7	...
Packers and wrappers, except produce	17	4 330	59	165	467	419	460	924	1 153	417	201	65	41.4
Sewers and stitchers	–	5 212	10	94	254	251	281	772	1 468	920	831	331	51.4
Textile operatives	–	332	–	5	43	16	38	90	65	36	30	9	42.1
Other specified operatives	115	8 744	124	335	922	991	835	1 796	2 145	697	534	365	41.5
Miscellaneous and not specified operatives	14	8 233	80	260	755	732	915	2 054	1 938	760	518	221	41.7
Manufacturing	3	7 084	33	206	660	644	840	1 787	1 687	602	458	167	41.5
Durable goods	3	3 161	10	86	335	299	461	842	680	251	172	25	39.6
Machinery, including electrical	3	1 250	5	50	122	129	175	365	245	92	52	15	38.9
Other durable goods	–	1 911	5	36	213	170	286	477	435	159	120	10	40.1
Nondurable goods, including not specified manufacturing	–	3 923	23	120	325	345	379	945	1 007	351	286	142	43.1
Food and kindred products	–	350	–	6	13	39	27	88	76	61	27	13	45.3
Apparel and other fabricated textile products	–	597	–	24	34	37	43	108	225	58	39	29	47.3
Nonmanufacturing industries	11	1 149	47	54	95	88	75	267	251	158	60	54	43.1
Transport equipment operatives	**–**	**1 492**	**30**	**22**	**71**	**141**	**246**	**472**	**321**	**124**	**49**	**16**	**40.0**
Laborers, except farm	**28**	**3 338**	**125**	**182**	**387**	**277**	**318**	**676**	**714**	**301**	**190**	**168**	**40.6**
Farmers and farm managers	**–**	**380**	**4**	**–**	**9**	**15**	**15**	**78**	**97**	**78**	**48**	**36**	**52.1**
Farm laborers and farm foremen	**23**	**461**	**30**	**16**	**39**	**44**	**50**	**67**	**77**	**54**	**47**	**37**	**42.7**
Paid farm laborers and farm foremen	17	336	30	10	35	44	45	37	50	39	27	19	36.1
Unpaid family workers	6	125	–	6	4	–	5	30	27	15	20	18	51.5
Service workers, except private household[1]	**812**	**57 774**	**2 898**	**3 379**	**6 801**	**4 810**	**4 899**	**11 334**	**12 340**	**5 277**	**3 572**	**2 464**	**40.4**
Cleaning service workers	45	7 109	192	193	305	270	487	1 419	2 009	1 007	665	562	48.4
Chambermaids and maids	5	1 920	81	83	99	135	161	408	493	215	126	119	44.8
Food service workers	347	21 202	1 809	1 428	1 737	1 513	1 661	4 182	4 772	1 981	1 293	826	40.9
Cooks, except private household	32	6 196	142	170	230	273	458	1 234	1 850	906	537	396	48.2
Waiters and food counter workers	177	10 680	1 324	1 005	1 209	1 073	859	2 115	1 816	625	422	232	34.2
Health service workers	26	13 978	397	1 017	2 179	1 507	1 450	2 916	2 574	957	675	306	36.5
Nursing aides, orderlies, and attendants	15	8 584	244	501	1 198	964	984	1 892	1 674	584	391	152	37.1
Practical nurses	–	2 524	11	53	289	316	243	631	503	206	163	109	40.5
Personal service workers	83	9 247	261	442	1 663	872	627	1 673	1 933	872	553	351	39.5
Hairdressers and cosmetologists	5	5 615	21	311	1 324	670	370	980	1 212	434	178	115	36.1
Private household workers	**572**	**10 969**	**415**	**150**	**380**	**501**	**533**	**1 708**	**2 502**	**1 492**	**1 456**	**1 832**	**52.2**
Private household workers, living in	–	660	–	7	23	16	4	33	109	117	130	221	60.8
Private household workers, living out	572	10 309	415	143	357	485	529	1 675	2 393	1 375	1 326	1 611	51.5

[1]Includes protective service workers and allocated cases not shown separately.

Table 174. **Occupation of Employed Persons by Age, Race, and Sex: 1970**—Continued

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The State Standard Metropolitan Statistical Areas of 250,000 or More

ST. LOUIS, MO.–ILL., SMSA—Continued

Negro

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	**553**	**62 426**	**1 473**	**2 282**	**6 365**	**7 716**	**6 834**	**13 899**	**12 275**	**5 139**	**3 872**	**2 571**	**39.7**
Professional, technical, and kindred workers	7	3 717	23	101	493	680	511	843	525	225	175	141	35.6
Engineers	–	196	–	–	21	17	55	84	9	10	–	–	35.6
Lawyers and judges	–	71	–	–	–	3	5	15	38	5	–	5	...
Life and physical scientists	–	77	–	–	–	43	4	19	6	–	5	–	...
Physicians, dentists, and related practitioners	–	228	5	–	–	11	22	70	38	27	19	36	46.6
Health workers, except practitioners	–	241	5	–	43	55	30	60	17	24	7	–	32.9
Social and recreation workers	7	226	3	23	27	36	23	29	42	10	30	3	35.3
Teachers	–	916	10	9	111	168	161	178	132	99	36	12	35.0
Technicians, except health	–	429	–	17	115	111	55	91	30	5	–	5	28.7
Writers, artists, and entertainers	–	212	–	–	49	45	23	56	19	–	14	6	32.6
Other professional, technical, and kindred workers	–	1 121	–	52	127	191	133	241	194	45	64	74	37.4
Managers and administrators, except farm	–	1 919	5	25	102	236	236	560	440	151	104	60	41.3
Salaried	–	1 518	5	25	97	197	201	480	325	104	64	20	39.9
Manufacturing	–	110	–	–	–	21	24	39	22	4	–	–	37.6
Retail trade	–	332	5	18	34	74	59	57	53	19	13	–	33.0
All other industries	–	1 076	–	7	63	102	118	384	250	81	51	20	41.5
Self-employed	–	401	–	–	5	39	35	80	115	47	40	40	48.6
Retail trade	–	173	–	–	5	11	–	39	52	23	18	25	51.1
All other industries	–	228	–	–	–	28	35	41	63	24	22	15	46.6
Sales workers	100	1 529	91	104	226	273	208	317	144	60	50	56	31.7
Manufacturing and wholesale trade	77	345	23	6	48	64	75	88	21	5	6	9	32.1
Retail trade	23	815	68	89	95	132	73	185	81	34	27	31	31.6
All other industries	–	369	–	9	83	77	60	44	42	21	17	16	31.3
Clerical and kindred workers	14	6 060	180	311	778	727	648	1 407	1 336	394	231	48	37.7
Bookkeepers and billing clerks	–	173	–	5	14	28	34	–	39	13	21	19	46.4
Mail handlers and postal clerks	–	1 758	11	41	189	175	215	553	429	99	46	–	39.5
Other clerical and kindred workers	14	4 129	169	265	575	524	399	854	868	282	164	29	36.6
Craftsmen and kindred workers	19	7 692	75	127	718	1 057	958	1 929	1 566	637	432	193	39.7
Carpenters	–	145	–	–	23	27	6	38	25	20	6	–	39.3
Construction craftsmen, except carpenters	–	1 322	8	10	94	125	220	346	284	124	90	21	40.9
Automobile mechanics, including body repairmen	–	939	13	21	108	90	128	257	181	86	50	5	39.3
Mechanics and repairmen, except auto	6	923	9	10	46	179	135	198	185	88	44	29	39.2
Machinists	–	219	5	–	25	72	23	29	27	19	14	5	31.6
Metal craftsmen, except mechanics and machinists	–	975	6	27	144	200	129	205	153	53	38	20	34.3
Foremen, n.e.c.	–	813	4	14	36	44	95	297	177	74	52	20	42.2
Other craftsmen and kindred workers	13	2 356	30	45	242	320	222	559	534	173	138	93	40.7
Operatives, except transport	80	15 120	148	590	2 130	2 409	1 830	3 201	2 727	1 043	756	286	36.4
Assemblers	–	2 003	7	83	458	504	272	378	192	62	35	12	29.5
Garage workers and gas station attendants	–	564	13	52	52	56	90	97	134	44	11	15	37.0
Laundry and drycleaning operatives, including ironers	–	407	11	16	31	35	43	75	107	30	32	27	44.0
Precision machine operatives	–	428	5	11	88	81	56	73	58	29	27	–	32.6
Other operatives, except transport	80	11 718	112	428	1 501	1 733	1 369	2 578	2 236	878	651	232	37.8
Durable goods, manufacturing	45	6 617	66	260	927	1 057	879	1 479	1 062	448	366	73	35.8
Nondurable goods, including not specified manufacturing	–	3 129	9	92	326	461	343	631	803	226	159	79	40.3
Nonmanufacturing industries	35	1 972	37	76	248	215	147	468	371	204	126	80	40.6
Transport equipment operatives	–	5 537	45	103	280	580	779	1 388	1 276	455	377	254	42.1
Truck drivers	–	2 025	–	18	96	220	245	543	519	175	122	87	43.0
Other transport equipment operatives	–	3 512	45	85	184	360	534	845	757	280	255	167	41.5
Laborers, except farm	95	8 231	223	285	676	806	689	1 996	1 655	884	582	435	42.2
Construction laborers	–	1 078	–	31	42	113	100	319	265	119	66	23	42.9
Freight, stock, and material handlers	38	2 857	108	113	310	366	277	647	543	217	157	119	38.9
Other laborers, except farm	57	4 296	115	141	324	327	312	1 030	847	548	359	293	44.0
Manufacturing industries	16	1 683	38	56	171	145	132	414	383	173	106	65	42.2
Farmers and farm managers	8	91	–	–	4	6	13	28	10	19	5	6	...
Farm laborers and farm foremen	11	422	17	15	66	40	32	42	96	34	33	47	44.8
Service workers, except private household[1]	219	11 933	652	617	892	898	915	2 173	2 456	1 213	1 102	1 015	44.2
Cleaning service workers	49	5 868	179	192	340	292	394	916	1 461	803	699	592	49.3
Food service workers	69	1 791	298	234	130	138	124	324	199	129	136	79	33.9
Health service workers	7	506	37	59	68	25	35	127	103	26	15	11	37.3
Personal service workers	18	849	49	44	66	47	82	165	149	69	69	109	43.3
Protective service workers	–	1 270	7	–	119	241	119	308	230	84	83	79	39.8
Private household workers	–	175	14	4	–	4	15	15	44	24	25	30	53.1
Female employed	**294**	**56 309**	**917**	**2 253**	**7 949**	**7 022**	**6 790**	**12 753**	**10 325**	**3 838**	**2 697**	**1 765**	**37.5**
Professional, technical, and kindred workers	–	7 402	43	130	982	1 199	1 013	2 029	1 207	347	291	161	36.6
Registered nurses	–	1 376	–	18	122	187	214	418	247	82	71	17	38.5
Health workers, except nurses	–	744	5	12	174	74	137	197	104	28	13	–	33.9
Teachers, elementary and secondary schools	–	2 923	16	20	305	535	382	813	458	143	149	102	37.5
Technicians, except health	–	184	–	3	25	44	44	33	31	4	–	–	32.3
Other professional, technical, and kindred workers	–	2 175	22	77	356	359	236	568	367	90	58	42	35.7
Managers and administrators, except farm	4	654	–	10	27	66	106	183	159	55	36	12	41.4
Salaried	4	532	–	10	27	66	103	147	114	40	13	12	39.1
Self-employed	–	122	–	–	–	–	3	36	45	15	23	–	49.9
Sales workers	17	1 634	59	179	251	231	149	333	271	72	61	28	33.3
Retail trade	17	1 471	59	150	232	193	144	312	249	60	44	28	33.5
Clerical and kindred workers	73	12 965	414	1 133	3 689	2 155	1 585	2 220	1 168	309	149	143	27.9
Bookkeepers and cashiers	6	1 459	48	126	248	276	201	275	179	47	41	18	30.8
Office machine operators	–	841	24	44	372	168	73	131	21	8	–	–	24.7
Secretaries, stenographers, and typists	–	3 404	119	331	1 040	746	327	506	240	38	31	26	26.4
Other clerical and kindred workers	67	7 261	223	632	2 029	965	984	1 308	728	216	77	99	28.9
Craftsmen and kindred workers	–	794	–	42	143	104	127	189	137	19	9	24	34.3
Operatives, except transport	41	7 132	63	220	760	893	940	1 748	1 573	458	304	173	38.9
Sewers and stitchers	–	889	5	23	77	100	110	171	258	96	41	8	42.6
Laundry and drycleaning operatives, including ironers	4	1 652	7	9	101	108	203	428	438	170	147	41	44.3
Other operatives, except transport	37	4 591	51	188	582	685	627	1 149	877	192	116	124	36.4
Durable goods, manufacturing	–	1 409	6	61	220	305	205	371	164	42	5	30	32.7
Nondurable goods, including not specified manufacturing	29	1 897	9	82	253	248	270	473	383	96	56	27	36.8
Nonmanufacturing industries	8	1 285	36	45	109	132	152	305	330	54	55	67	40.5
Transport equipment operatives	–	145	6	6	4	8	18	49	27	23	4	–	41.2
Laborers, except farm	11	859	10	31	123	93	120	197	158	60	31	36	37.7
Farmers and farm managers	–	63	–	–	4	–	–	18	18	19	4	–	...
Farm laborers and farm foremen	–	168	–	–	19	29	29	23	16	35	11	6	38.0
Service workers, except private household[1]	134	17 589	310	485	1 766	1 889	2 311	4 359	3 807	1 430	836	396	39.7
Cleaning service workers	11	3 594	19	61	185	164	324	913	1 077	502	228	121	46.2
Food service workers	47	3 833	166	165	314	351	549	962	790	334	153	49	38.9
Health service workers	11	6 016	73	155	829	908	948	1 584	1 054	245	159	61	35.6
Practical nurses	–	1 167	5	10	103	186	160	353	216	64	43	27	38.4
Personal service workers	19	1 773	26	40	122	123	164	431	471	182	171	43	44.5
Protective service workers	–	66	–	–	6	15	–	10	15	9	6	5	...
Private household workers	14	6 904	12	17	181	355	392	1 405	1 784	1 011	961	786	51.1

[1]Includes allocated cases not shown separately.