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	**600 908**	**556 350**	**26 494**	**7 338**	**591 575**	**440 075**	**104 090**	**47 410**	**18 207**	**40 749**	**76 046**
Professional, technical, and kindred workers	**79 917**	**76 363**	**1 731**	**1 080**	**79 390**	**64 130**	**11 546**	**3 714**	**726**	**2 463**	**4 746**
Accountants	7 634	7 507	55	107	7 591	6 675	556	360	68	290	320
Architects	526	526	–	–	522	470	38	14	–	24	15
Computer specialists	2 250	2 148	47	35	2 237	2 008	150	79	–	8	25
Engineers	12 093	11 850	103	141	12 050	11 188	678	184	104	364	453
Aeronautical and astronautical	573	562	5	27	573	546	23	4	–	5	5
Civil	1 949	1 861	32	22	1 944	1 798	118	28	35	124	151
Electrical and electronic	2 202	2 172	20	26	2 196	2 018	140	38	26	36	85
Mechanical	1 175	1 159	7	–	1 168	1 086	71	11	19	26	17
Other engineers	6 194	6 096	39	66	6 169	5 740	326	103	24	173	195
Lawyers and judges	3 323	3 280	10	50	3 310	2 926	308	76	11	82	88
Life and physical scientists	2 812	2 714	13	37	2 803	2 551	175	77	34	55	117
Chemists	986	943	9	20	982	903	73	6	20	–	41
Physicians, dentists, and related practitioners	5 926	5 758	86	71	5 921	4 904	788	229	92	220	263
Dentists	921	893	14	6	916	617	255	44	10	42	18
Pharmacists	1 511	1 469	32	5	1 511	1 254	142	115	52	104	136
Physicians, medical and osteopathic	2 638	2 555	40	60	2 638	2 268	326	44	30	37	70
Other related practitioners	856	841	–	–	856	765	65	26	–	37	39
Health technologists and technicians	1 213	1 118	58	43	1 201	937	185	79	5	62	91
Religious workers	4 331	4 031	151	27	4 282	3 809	331	142	36	116	243
Social scientists	717	694	6	31	717	612	90	15	–	10	18
Social and recreation workers	1 226	1 083	91	28	1 203	938	160	105	9	27	237
Teachers	13 244	12 436	464	157	13 150	7 388	5 001	761	118	388	541
College and university	4 177	3 990	79	81	4 135	2 426	1 421	288	36	140	160
Elementary and prekindergarten	2 461	2 239	129	28	2 442	1 190	1 118	134	42	113	102
Secondary	5 486	5 114	234	36	5 457	3 002	2 191	264	27	101	203
Engineering and science technicians	8 603	8 108	204	165	8 589	7 215	951	423	49	182	615
Draftsmen and surveyors	3 866	3 636	56	103	3 852	3 206	440	206	35	120	303
Electrical and electronic engineering technicians	1 939	1 808	73	41	1 939	1 735	150	54	–	17	81
Technicians, except health, and engineering and science	2 311	2 254	8	30	2 305	1 992	255	58	17	52	108
Airplane pilots	572	568	–	5	572	463	95	14	–	10	47
Writers, artists, and entertainers	4 977	4 686	136	80	4 920	3 638	746	536	59	136	539
Other professional, technical, and kindred workers	8 731	8 170	299	78	8 589	6 879	1 134	576	124	447	1 073
Managers and administrators, except farm	**73 912**	**72 009**	**918**	**671**	**73 436**	**65 017**	**6 768**	**1 651**	**1 787**	**4 203**	**3 714**
Buyers, purchasing agents, and sales managers	8 072	7 983	26	85	8 056	7 346	594	116	155	373	343
School administrators	2 721	2 618	76	17	2 721	1 970	710	41	26	78	46
Specified managers and administrators, public administration	5 579	5 262	104	32	5 565	5 201	271	93	128	387	299
Other specified managers and administrators	11 367	10 916	291	186	11 221	9 712	1 118	391	294	662	754
Managers and administrators, n.e.c., salaried	30 247	29 666	262	271	30 087	27 263	2 217	607	618	1 344	1 314
Manufacturing	5 095	5 022	33	13	5 077	4 782	253	42	77	167	169
Wholesale and retail trade	12 078	11 858	114	146	12 026	10 962	848	216	212	439	521
Transportation, communications, and other public utilities	2 929	2 874	19	36	2 901	2 652	196	53	86	182	130
All other industries	10 145	9 912	96	76	10 083	8 867	920	296	243	556	494
Managers and administrators, n.e.c., self-employed	15 926	15 564	159	80	15 786	13 525	1 858	403	566	1 359	958
Construction	2 571	2 505	46	–	2 544	1 809	606	129	79	178	199
Manufacturing	812	801	7	16	806	710	78	18	11	38	65
Wholesale and retail trade	8 812	8 609	75	45	8 731	7 859	746	126	294	802	408
All other industries	3 731	3 649	31	19	3 705	3 147	428	130	182	341	286
Sales workers	**39 301**	**38 348**	**417**	**301**	**38 899**	**31 013**	**5 461**	**2 425**	**739**	**2 004**	**3 724**
Insurance agents, brokers, and underwriters	5 012	4 887	56	30	4 976	4 219	554	203	67	161	134
Real estate agents and brokers	1 983	1 934	22	–	1 967	1 586	304	77	27	139	150
Sales representatives, manufacturing industries	3 542	3 481	28	44	3 533	3 086	364	83	55	128	165
Sales representatives, wholesale trade	7 857	7 729	36	90	7 837	6 914	716	207	123	273	339
Sales clerks, retail trade	9 099	8 829	106	67	9 010	6 238	1 718	1 054	189	569	1 611
Salesmen, retail trade	5 972	5 847	59	49	5 906	4 832	815	259	165	360	366
Salesmen of services and construction	1 678	1 639	19	6	1 659	1 377	232	50	16	85	124
Other sales workers	4 158	4 002	91	15	4 011	2 761	758	492	97	289	835
Clerical and kindred workers	**40 949**	**38 282**	**1 656**	**514**	**40 452**	**31 536**	**5 905**	**3 011**	**989**	**2 323**	**4 552**
Bank tellers and cashiers	2 570	2 464	61	13	2 499	1 480	609	410	30	157	552
Bookkeepers and billing clerks	3 288	3 211	35	35	3 258	2 730	352	176	111	226	340
Mail handlers and postal clerks	6 338	5 867	341	40	6 265	5 223	744	298	165	361	527
Other clerical and kindred workers	28 753	26 740	1 219	426	28 430	22 103	4 200	2 127	683	1 579	3 133
Craftsmen and kindred workers	**130 876**	**122 488**	**4 059**	**1 463**	**129 484**	**95 852**	**26 022**	**7 610**	**4 303**	**9 419**	**13 460**
Apparel craftsmen and upholsterers	1 048	943	37	41	1 038	735	211	92	40	50	46
Bakers	626	563	38	19	623	474	125	24	31	31	55
Cabinetmakers	722	682	25	–	717	471	179	67	44	73	87
Construction craftsmen	39 421	36 611	1 083	437	38 956	22 029	13 283	3 644	1 456	3 581	5 217
Carpenters	13 255	12 428	269	143	13 010	6 253	5 082	1 675	664	1 611	1 887
Excavating, grading, and road machine operators	6 817	6 381	134	35	6 751	4 436	1 928	387	182	464	848
Electricians	4 654	4 445	53	89	4 627	3 624	823	180	101	221	201
Masons and tile setters	2 239	1 994	173	28	2 232	878	1 135	219	69	176	287
Painters, construction and maintenance, and paperhangers	4 424	4 096	124	56	4 352	2 208	1 596	548	211	416	994
Plasterers and cement finishers	1 419	1 142	192	29	1 414	483	763	168	34	149	215
Plumbers and pipe fitters	4 310	4 037	95	21	4 290	2 997	1 019	274	134	363	443
Other construction craftsmen	2 303	2 088	43	36	2 280	1 150	937	193	61	181	342
Foremen, n.e.c	15 368	14 755	204	119	15 327	13 724	1 364	239	457	906	709
Manufacturing	5 985	5 722	82	50	5 979	5 365	560	54	203	272	191
Nonmanufacturing industries	9 383	9 033	122	69	9 348	8 359	804	185	254	634	518
Linemen and servicemen, telephone and power	4 399	4 243	69	24	4 380	3 827	433	120	47	146	181
Locomotive engineers and firemen	418	411	–	–	413	344	55	14	81	75	29
Mechanics and repairmen	37 861	35 494	1 453	466	37 604	30 308	5 609	1 687	707	1 857	2 030
Air conditioning, heating, and refrigeration	1 272	1 203	40	26	1 243	1 022	133	88	15	55	86
Aircraft	8 051	7 489	328	119	8 039	7 126	796	117	130	264	237
Automobile, including body	13 062	12 060	687	146	12 949	9 793	2 431	725	234	723	784
Radio and television	2 129	1 982	56	23	2 119	1 678	353	88	15	119	119
Other mechanics and repairmen	13 347	12 760	342	152	13 254	10 689	1 896	669	313	696	804
Metal craftsmen, except mechanics	9 667	9 076	250	72	9 622	7 728	1 506	388	253	454	553
Machinists and job and die setters	5 284	4 953	170	42	5 272	4 400	667	205	127	162	267
Sheetmetal workers and tinsmiths	1 966	1 845	47	7	1 956	1 517	356	83	48	70	121
Tool and die makers	977	929	6	–	967	780	162	25	7	59	41
Other metal craftsmen	1 440	1 349	27	23	1 427	1 031	321	75	71	163	124
Printing craftsmen	2 644	2 484	55	43	2 600	2 101	357	142	28	109	138
Compositors and typesetters	1 317	1 228	37	19	1 281	1 048	148	85	25	67	92
Pressmen and plate printers, printing	1 003	937	18	24	1 003	795	151	57	3	25	35
Stationary engineers and power station operators	4 823	4 658	89	25	4 788	4 317	363	108	519	653	427
Other craftsmen and kindred workers	13 879	12 568	756	217	13 416	9 794	2 537	1 085	640	1 484	3 988

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											
Male, 16 years old and over—Continued											
Operatives, except transport	**73 586**	**66 387**	**4 169**	**1 140**	**72 090**	**49 441**	**15 656**	**6 993**	**2 408**	**4 790**	**9 462**
Assemblers	4 198	3 772	200	44	4 156	2 901	960	295	62	145	436
Checkers, examiners, and inspectors; manufacturing	2 554	2 417	84	31	2 543	2 094	362	87	13	84	136
Garage workers and gas station attendants	7 938	7 299	429	80	7 524	3 840	1 860	1 824	115	435	1 724
Laundry and drycleaning operatives, n.e.c	897	674	156	20	872	667	117	88	50	66	125
Meat cutters and butchers	3 200	2 840	254	104	3 183	2 573	435	175	126	230	278
Mine operatives, n.e.c	6 218	5 981	63	81	6 092	4 009	1 609	474	376	611	878
Packers and wrappers, except produce	1 663	1 413	144	27	1 611	977	424	210	49	83	304
Painters, manufactured articles	1 059	880	115	16	1 030	688	250	92	24	72	104
Precision machine operatives	3 222	2 994	123	60	3 195	2 470	603	122	69	152	210
Sawyers	726	651	28	14	706	425	217	64	41	82	74
Stationary firemen	650	602	16	6	638	532	80	26	58	78	26
Textile operatives	354	259	28	12	333	219	87	27	8	20	53
Welders and flamecutters	9 381	8 661	282	158	9 298	6 719	2 031	548	120	405	704
Other metalworking operatives	2 387	2 174	145	45	2 357	1 766	417	174	79	143	184
Other specified operatives	10 845	9 583	826	153	10 509	6 836	2 655	1 018	634	1 009	2 221
Miscellaneous and not specified operatives	18 294	16 187	1 276	289	18 043	12 725	3 549	1 769	584	1 175	2 005
Occupation:											
Machine operatives, miscellaneous specified	7 371	6 508	532	92	7 272	5 525	1 185	562	322	503	640
Machine operatives, not specified	2 798	2 480	170	25	2 774	2 016	620	138	39	105	205
Miscellaneous operatives	5 780	5 128	393	121	5 671	3 575	1 294	802	134	356	930
Not specified operatives	2 345	2 071	181	51	2 326	1 609	450	267	89	211	230
Industry:											
Manufacturing	13 151	11 646	872	185	12 971	9 492	2 388	1 091	363	743	1 154
Durable goods	7 919	6 868	665	101	7 817	5 482	1 674	661	156	368	666
Wood products, including furniture	481	419	35	–	473	271	120	82	33	103	84
Primary metal industries	908	795	87	4	903	686	156	61	17	44	66
Fabricated metal industries	1 488	1 270	77	23	1 460	1 006	314	140	19	32	138
Machinery, including electrical	2 248	1 979	199	15	2 222	1 547	488	187	12	49	154
Motor vehicles and equipment	257	227	26	21	257	195	47	15	7	11	11
Transportation equipment, except motor vehicles	1 035	900	84	30	1 028	771	205	52	12	35	66
Other durable goods	1 502	1 278	157	8	1 474	1 006	344	124	56	94	147
Nondurable goods	5 172	4 722	203	84	5 098	3 975	704	419	207	370	481
Food and kindred products	1 416	1 190	99	41	1 393	1 002	181	210	49	142	215
Apparel and other fabricated textile products	104	104	–	–	104	49	28	27	–	5	18
Paper and allied products	309	303	6	8	309	240	60	9	–	9	30
Chemicals and allied products	406	375	–	5	403	332	46	25	5	16	38
Other nondurable goods	2 937	2 750	98	30	2 889	2 352	389	148	153	198	180
Not specified manufacturing industries	60	56	4	–	56	35	10	11	–	5	7
Nonmanufacturing industries	5 143	4 541	404	104	5 072	3 233	1 161	678	221	432	851
Transportation, communications, and other public utilities	947	849	63	23	938	725	145	68	65	95	88
Wholesale and retail trade	1 311	1 180	98	41	1 297	743	316	238	45	99	218
All other industries	2 885	2 512	243	40	2 837	1 765	700	372	111	238	545
Transport equipment operatives	**37 452**	**34 201**	**2 026**	**387**	**36 914**	**26 213**	**8 125**	**2 576**	**1 032**	**2 110**	**4 128**
Bus drivers	1 927	1 687	157	–	1 902	1 001	674	227	80	190	230
Taxicab drivers and chauffeurs	1 164	990	156	–	1 140	667	358	115	68	120	124
Truck drivers and deliverymen	29 258	27 030	1 337	329	28 890	20 939	6 104	1 847	716	1 523	2 921
Other transport equipment operatives	5 103	4 494	376	58	4 982	3 606	989	387	168	277	853
Laborers, except farm	**39 006**	**32 042**	**4 740**	**734**	**37 630**	**19 468**	**10 410**	**7 752**	**1 702**	**3 827**	**12 246**
Construction laborers	10 012	8 164	1 252	189	9 712	4 334	3 485	1 893	466	1 194	3 580
Freight, stock, and material handlers	13 361	11 527	1 170	263	12 934	7 109	3 116	2 709	295	694	3 220
Other specified laborers	9 131	7 077	1 564	131	8 700	4 426	2 236	2 038	547	1 117	3 498
Miscellaneous and not specified laborers	6 502	5 274	754	151	6 284	3 599	1 573	1 112	394	822	1 948
Occupation:											
Miscellaneous laborers	1 617	1 341	204	79	1 605	1 142	282	181	176	262	292
Not specified laborers	4 885	3 933	550	72	4 679	2 457	1 291	931	218	560	1 656
Industry:											
Manufacturing	2 465	1 901	314	15	2 374	1 407	645	322	114	210	592
Durable goods	1 546	1 196	211	11	1 477	880	383	214	67	147	357
Wood products, including furniture	206	144	32	–	182	114	36	32	30	27	68
Metal industries	583	458	84	11	562	347	143	72	23	44	111
Machinery, including electrical	192	142	18	–	186	98	52	36	–	18	50
Transportation equipment	202	143	32	–	196	88	79	29	–	11	35
Other durable goods	363	309	45	–	351	233	73	45	14	47	93
Nondurable goods	899	694	94	4	877	523	251	103	42	63	230
Food and kindred products	435	287	44	4	418	190	163	65	20	38	95
Not specified manufacturing industries	20	11	9	–	20	4	11	5	5	–	5
Nonmanufacturing industries	4 037	3 373	440	136	3 910	2 192	928	790	280	612	1 356
Railroads and railway express service	616	500	89	73	616	511	71	34	138	187	75
Transportation, except railroads	199	190	–	–	189	91	51	47	4	21	40
Communications, and utilities and sanitary services	402	340	57	–	397	308	66	23	25	81	85
Wholesale and retail trade	1 300	1 098	105	18	1 253	609	379	265	28	107	432
All other industries	1 520	1 245	189	45	1 455	673	361	421	85	216	724
Farmers and farm managers	**29 076**	**28 397**	**297**	**77**	**28 637**	**24 695**	**2 792**	**1 150**	**1 604**	**2 976**	**3 976**
Farm laborers and farm foremen	**13 134**	**11 522**	**744**	**344**	**12 566**	**6 584**	**2 957**	**3 025**	**973**	**2 117**	**6 633**
Paid farm laborers and farm foremen	12 454	10 857	744	344	11 979	6 242	2 834	2 903	956	2 043	5 911
Unpaid family workers	680	665	–	–	587	342	123	122	17	74	722
Service workers, except private household[1]	**43 181**	**35 957**	**5 580**	**622**	**41 684**	**25 977**	**8 327**	**7 380**	**1 926**	**4 450**	**9 272**
Cleaning service workers	16 144	12 427	3 088	164	15 652	9 658	3 070	2 924	772	1 752	2 840
Food service workers	8 798	7 276	1 222	221	8 255	3 275	2 261	2 719	271	962	3 251
Cooks, except private household	3 411	2 862	455	109	3 267	1 657	852	758	107	368	854
Busboys and dishwashers	2 421	1 965	360	47	2 226	529	684	1 013	69	291	1 307
Health service workers	1 527	1 298	161	14	1 485	844	413	228	51	207	325
Personal service workers	4 838	4 315	311	94	4 756	3 152	986	618	221	408	897
Protective service workers	9 135	8 618	251	82	9 013	7 555	1 050	408	356	773	669
Firemen, fire protection	2 367	2 287	20	41	2 363	2 261	92	10	30	60	28
Guards and watchmen	2 748	2 537	119	10	2 666	1 899	501	266	205	473	390
Policemen and detectives	3 204	3 037	90	31	3 175	2 808	304	63	51	180	172
Private household workers	**415**	**256**	**152**	**5**	**393**	**149**	**121**	**123**	**18**	**67**	**133**
Unemployed persons, last worked 1959 or earlier[2]	**103**	**98**	**5**	–	...	...	...	...	...	...	...

[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	**364 634**	**328 307**	**24 875**	**3 957**	**341 698**	**182 100**	**94 459**	**65 139**	**31 805**	**84 595**	**108 514**
Professional, technical, and kindred workers	**52 941**	**48 766**	**2 805**	**619**	**50 990**	**22 881**	**20 780**	**7 329**	**3 231**	**8 507**	**10 389**
Accountants	2 935	2 837	49	47	2 811	2 002	368	441	153	311	349
Computer specialists	364	350	4	–	364	289	37	38	9	27	23
Librarians	1 084	974	98	–	1 044	441	439	164	55	143	135
Mathematical specialists	92	78	9	–	92	82	–	10	11	6	8
Life and physical scientists	213	201	7	5	209	145	45	19	5	48	43
Registered nurses, dietitians, and therapists	9 415	8 646	403	141	9 085	5 681	2 157	1 247	720	1 691	1 642
Dietitians	439	344	75	–	433	293	65	75	49	103	62
Registered nurses	8 430	7 802	302	131	8 121	5 061	1 943	1 117	651	1 522	1 460
Health technologists and technicians	2 024	1 835	140	24	1 967	1 342	432	193	109	352	286
Social scientists	192	175	17	–	182	116	51	15	5	32	17
Social and recreation workers	1 996	1 666	226	7	1 949	1 399	353	197	68	326	489
Teachers: College and university	1 970	1 804	125	13	1 906	757	860	289	84	136	195
Elementary and prekindergarten	15 983	14 712	947	120	15 471	3 781	9 492	2 198	1 076	2 812	3 149
Secondary	6 423	5 968	334	105	6 201	1 515	3 710	976	353	1 017	1 195
Other teachers	1 531	1 476	14	15	1 453	492	682	279	68	168	319
Engineering and science technicians	855	790	58	23	841	588	161	92	76	138	157
Technicians, except health, and engineering and science	344	318	10	–	328	248	68	12	35	17	22
Writers, artists, and entertainers	2 353	2 289	40	54	2 242	1 141	660	441	132	511	678
Actors and dancers	65	65	–	–	60	5	45	10	6	11	25
Authors, editors, and reporters	708	691	12	10	687	449	114	124	42	166	147
Other professional, technical, and kindred workers	5 167	4 647	324	65	4 845	2 862	1 265	718	272	772	1 682
Managers and administrators, except farm	**16 257**	**15 587**	**368**	**106**	**15 709**	**12 031**	**2 657**	**1 021**	**1 471**	**3 062**	**2 841**
Buyers, purchasing agents, and sales managers	1 131	1 095	18	–	1 121	920	176	25	91	225	240
Restaurant, cafeteria, and bar managers	2 243	2 103	93	37	2 143	1 231	698	214	320	553	425
School administrators	554	510	27	–	529	301	203	25	45	72	50
Other specified managers and administrators	4 260	4 082	126	41	4 145	3 361	508	276	355	751	904
Managers and administrators, n.e.c., salaried	4 458	4 295	71	21	4 345	3 489	545	311	335	806	738
Wholesale and retail trade	1 671	1 601	28	8	1 615	1 296	207	112	127	281	254
Managers and administrators, n.e.c., self-employed	3 611	3 502	33	7	3 426	2 729	527	170	325	655	484
Wholesale and retail trade	2 282	2 199	33	7	2 140	1 683	342	115	227	414	334
Sales workers	**29 726**	**28 763**	**497**	**267**	**27 635**	**13 903**	**6 955**	**6 777**	**3 031**	**8 617**	**12 203**
Demonstrators, hucksters, and peddlers	2 786	2 705	40	23	2 417	825	682	910	150	702	1 205
Insurance, real estate agents, and brokers	2 248	2 201	20	13	2 150	1 350	494	306	131	377	397
Sales clerks, retail trade	19 274	18 686	290	169	18 179	9 168	4 492	4 519	2 369	6 217	8 014
Salesmen, retail trade	1 001	974	12	–	909	569	174	166	53	272	339
Other sales workers	4 417	4 197	135	62	3 980	1 991	1 113	876	328	1 049	2 248
Clerical and kindred workers	**122 551**	**116 169**	**3 738**	**1 198**	**116 946**	**71 482**	**25 864**	**19 600**	**10 724**	**25 690**	**32 649**
Bank tellers	2 338	2 284	39	20	2 294	1 754	362	178	126	342	382
Bookkeepers	18 648	18 238	127	120	18 139	12 568	3 318	2 253	1 448	3 420	3 300
Cashiers	9 777	9 379	230	86	9 125	4 186	2 544	2 395	783	2 766	3 892
Counter clerks, except food	1 709	1 585	97	13	1 608	854	445	309	198	437	576
Enumerators and interviewers	804	778	15	7	432	62	118	252	95	154	240
File clerks	2 319	2 127	126	27	2 166	1 056	539	571	211	642	998
Office machine operators	5 122	4 820	187	46	4 919	3 169	973	777	385	972	995
Bookkeeping and billing machine operators	818	801	13	6	796	567	156	73	71	205	117
Keypunch operators	2 912	2 697	134	34	2 807	1 799	508	500	195	530	621
Payroll and timekeeping clerks	858	845	13	–	853	635	150	68	54	134	199
Receptionists	3 795	3 606	129	35	3 625	1 841	864	920	357	1 092	1 210
Secretaries	31 147	30 084	474	336	30 200	19 271	6 758	4 171	2 458	6 196	6 948
Stenographers	2 001	1 896	36	61	1 962	1 470	327	165	244	503	371
Telephone operators	4 623	4 303	241	33	4 493	2 806	1 046	641	713	994	1 018
Typists	8 341	7 534	488	93	7 872	4 428	1 839	1 605	1 086	2 072	2 814
Other clerical and kindred workers	31 069	28 690	1 536	321	29 258	17 382	6 581	5 295	2 566	5 966	9 706
Craftsmen and kindred workers	**6 990**	**6 391**	**374**	**55**	**6 720**	**4 248**	**1 643**	**829**	**516**	**1 243**	**1 707**
Foremen, n.e.c.	1 064	1 003	27	–	1 039	798	181	60	57	131	111
Operatives, except transport	**34 100**	**29 215**	**2 628**	**466**	**31 674**	**16 689**	**8 319**	**6 666**	**3 245**	**9 004**	**11 583**
Assemblers	3 715	3 182	336	28	3 482	1 947	811	724	268	925	1 178
Bottling and canning operatives	190	158	5	–	161	31	82	48	17	134	145
Checkers, examiners, and inspectors; manufacturing	2 156	1 945	85	19	2 045	1 264	481	300	173	456	399
Dressmakers and seamstresses, except factory	1 686	1 560	54	18	1 620	782	477	361	171	508	423
Laundry and drycleaning operatives, including ironers	3 840	2 928	526	85	3 624	2 023	903	698	630	1 317	1 266
Graders and sorters, manufacturing	244	225	19	–	229	115	66	48	23	64	61
Packers and wrappers, except produce	3 140	2 873	126	44	2 972	1 616	750	606	348	1 058	1 202
Sewers and stitchers	6 484	5 649	272	127	5 885	2 774	1 804	1 307	575	1 845	2 323
Textile operatives	434	375	30	–	428	168	102	158	79	56	140
Other specified operatives	6 035	5 073	623	84	5 448	3 011	1 287	1 150	545	1 352	2 539
Miscellaneous and not specified operatives	6 176	5 247	552	61	5 780	2 958	1 556	1 266	416	1 289	1 907
Manufacturing	5 199	4 456	435	57	4 839	2 555	1 291	993	334	1 005	1 512
Durable goods	3 102	2 651	315	37	2 904	1 575	757	572	118	372	704
Machinery, including electrical	2 052	1 704	274	31	1 968	1 095	514	359	52	163	363
Other durable goods	1 050	947	41	6	936	480	243	213	66	209	341
Nondurable goods, including not specified manufacturing	2 097	1 805	120	20	1 935	980	534	421	216	633	808
Food and kindred products	579	424	45	–	528	180	186	162	120	328	345
Apparel and other fabricated textile products	609	528	54	–	568	283	179	106	35	124	124
Nonmanufacturing industries	977	791	117	4	941	403	265	273	82	284	395
Transport equipment operatives	**1 214**	**1 095**	**58**	**16**	**1 139**	**561**	**348**	**230**	**39**	**177**	**345**
Laborers, except farm	**3 105**	**2 621**	**335**	**25**	**2 841**	**1 392**	**818**	**631**	**235**	**786**	**1 316**
Farmers and farm managers	**1 380**	**1 331**	**6**	**–**	**1 321**	**1 037**	**184**	**100**	**56**	**190**	**391**
Farm laborers and farm foremen	**1 413**	**1 264**	**50**	**30**	**1 227**	**636**	**254**	**337**	**318**	**639**	**1 382**
Paid farm laborers and farm foremen	924	786	39	23	811	292	196	323	288	559	1 028
Unpaid family workers	489	478	11	7	416	344	58	14	30	80	354
Service workers, except private household[1]	**79 960**	**68 351**	**8 316**	**1 120**	**72 877**	**31 947**	**23 010**	**17 920**	**7 288**	**22 622**	**28 985**
Cleaning service workers	7 669	5 441	1 842	122	7 032	3 690	1 883	1 459	702	2 104	2 480
Chambermaids and maids	2 300	1 459	704	49	2 040	864	616	560	248	962	1 030
Food service workers	33 198	29 619	2 358	505	29 946	9 896	11 313	8 737	3 861	12 047	14 221
Cooks, except private household	12 085	10 549	1 123	98	11 405	4 038	5 191	2 176	1 331	3 667	2 974
Waiters and food counter workers	15 590	14 391	651	297	13 563	4 245	4 354	4 964	1 927	6 397	9 193
Health service workers	18 778	15 417	2 387	287	17 650	9 668	4 376	3 606	1 334	4 538	5 090
Nursing aides, orderlies, and attendants	13 285	10 741	1 845	199	12 378	6 544	3 191	2 643	914	3 227	3 845
Practical nurses	2 964	2 418	353	54	2 853	1 687	663	503	238	720	546
Personal service workers	13 884	12 575	876	140	12 842	6 103	3 956	2 783	843	2 775	3 435
Hairdressers and cosmetologists	8 324	7 824	291	75	7 778	3 950	2 416	1 412	506	1 590	1 433
Private household workers	**14 333**	**8 195**	**5 613**	**48**	**12 619**	**5 293**	**3 627**	**3 699**	**1 651**	**4 058**	**4 723**
Private household workers, living in	498	350	122	6	479	319	120	40	–	25	13
Private household workers, living out	13 835	7 845	5 491	42	12 140	4 974	3 507	3 659	1 651	4 033	4 710
Unemployed persons, last worked 1959 or earlier[2]	**664**	**559**	**87**	**7**	...	...	...	...	...	...	...

[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
OKLAHOMA CITY SMSA											
Male, 16 years old and over	**162 094**	**149 193**	**9 692**	**2 631**	**160 126**	**120 667**	**27 730**	**11 729**	**2 992**	**7 758**	**17 967**
Professional, technical, and kindred workers	**27 060**	**25 781**	**826**	**507**	**26 889**	**21 941**	**3 630**	**1 318**	**181**	**786**	**1 690**
Accountants	2 627	2 588	22	54	2 606	2 272	207	127	15	115	108
Architects	236	236	–	–	232	203	25	4	–	13	10
Computer specialists	847	807	23	28	847	785	23	39	–	4	11
Engineers	4 700	4 586	59	84	4 682	4 353	259	70	32	73	163
Aeronautical and astronautical	236	231	5	21	236	215	17	4	–	5	–
Civil	818	759	27	22	813	761	41	11	22	23	39
Electrical and electronic	1 123	1 097	16	18	1 117	1 023	80	14	6	14	22
Mechanical	343	339	–	–	336	309	22	5	–	6	11
Other engineers	2 180	2 160	11	23	2 180	2 045	99	36	4	25	91
Lawyers and judges	1 284	1 272	2	19	1 280	1 128	107	45	6	29	52
Life and physical scientists	940	910	9	24	931	829	62	40	–	19	20
Chemists	188	173	5	7	184	159	19	6	–	–	14
Physicians, dentists, and related practitioners	1 888	1 823	44	20	1 888	1 487	300	101	24	52	66
Dentists	235	230	5	–	235	134	95	6	–	5	–
Pharmacists	454	433	16	–	454	353	36	65	15	20	20
Physicians, medical and osteopathic	1 030	991	23	20	1 030	847	159	24	9	18	43
Other related practitioners	169	169	–	–	169	153	10	6	–	9	3
Health technologists and technicians	465	416	39	13	460	385	49	26	5	28	53
Religious workers	783	704	63	12	762	630	102	30	6	43	58
Social scientists	253	242	–	14	253	221	23	9	–	4	3
Social and recreation workers	373	336	37	7	367	271	52	44	5	11	108
Teachers	3 626	3 351	178	55	3 601	2 050	1 312	239	17	119	202
College and university	1 521	1 451	16	15	1 501	856	528	117	5	71	75
Elementary and prekindergarten	467	418	39	13	467	225	206	36	7	15	11
Secondary	1 189	1 060	101	20	1 184	617	496	71	5	26	88
Engineering and science technicians	2 863	2 674	111	74	2 860	2 445	304	111	4	49	195
Draftsmen and surveyors	1 103	1 033	29	47	1 100	887	149	64	4	29	78
Electrical and electronic engineering technicians	1 147	1 078	48	20	1 147	1 062	69	16	–	5	21
Technicians, except health, and engineering and science	1 024	997	8	18	1 024	905	113	6	–	18	15
Airplane pilots	142	138	–	–	142	127	15	–	–	5	–
Writers, artists, and entertainers	1 945	1 830	69	41	1 925	1 393	308	224	–	34	186
Other professional, technical, and kindred workers	3 206	3 009	162	44	3 171	2 584	384	203	67	175	440
Managers and administrators, except farm	**22 656**	**22 058**	**346**	**270**	**22 551**	**20 131**	**1 987**	**433**	**376**	**920**	**952**
Buyers, purchasing agents, and sales managers	3 095	3 055	6	30	3 089	2 830	220	39	34	105	121
School administrators	600	563	29	5	600	465	125	10	11	18	4
Specified managers and administrators, public administration	2 397	2 287	62	13	2 392	2 333	38	21	34	100	97
Other specified managers and administrators	3 538	3 407	78	81	3 507	3 052	330	125	81	124	170
Managers and administrators, n.e.c., salaried	9 591	9 453	78	118	9 543	8 668	751	124	98	324	352
Manufacturing	1 487	1 477	–	–	1 487	1 421	55	11	16	35	40
Wholesale and retail trade	3 493	3 455	38	59	3 466	3 099	325	42	23	78	159
Transportation, communications, and other public utilities	908	892	11	26	908	866	31	11	11	53	37
All other industries	3 703	3 629	29	33	3 682	3 282	340	60	48	158	116
Managers and administrators, n.e.c., self-employed	3 435	3 293	93	23	3 420	2 783	523	114	118	249	208
Construction	744	711	23	–	740	529	162	49	6	46	51
Manufacturing	223	216	7	16	223	208	15	–	–	12	26
Wholesale and retail trade	1 524	1 471	32	–	1 518	1 276	204	38	50	115	57
All other industries	944	895	31	7	939	770	142	27	62	76	74
Sales workers	**13 367**	**13 035**	**205**	**147**	**13 277**	**10 497**	**2 004**	**776**	**153**	**538**	**1 323**
Insurance agents, brokers, and underwriters	1 704	1 648	32	22	1 704	1 413	196	95	22	30	45
Real estate agents and brokers	621	603	9	–	614	472	118	24	11	33	60
Sales representatives, manufacturing industries	1 440	1 415	11	12	1 436	1 271	140	25	15	19	72
Sales representatives, wholesale trade	2 946	2 897	20	21	2 930	2 580	295	55	33	73	121
Sales clerks, retail trade	2 732	2 681	34	53	2 723	1 782	587	354	29	173	532
Salesmen, retail trade	1 659	1 613	40	31	1 648	1 317	273	58	25	82	113
Salesmen of services and construction	659	648	11	–	659	542	107	10	11	53	44
Other sales workers	1 606	1 530	48	8	1 563	1 120	288	155	7	75	336
Clerical and kindred workers	**14 408**	**13 335**	**843**	**245**	**14 287**	**10 955**	**2 213**	**1 119**	**222**	**669**	**1 467**
Bank tellers and cashiers	846	808	38	–	811	393	254	164	11	54	164
Bookkeepers and billing clerks	967	933	24	20	961	754	123	84	23	56	117
Mail handlers and postal clerks	1 987	1 775	192	34	1 982	1 617	263	102	13	96	184
Other clerical and kindred workers	10 608	9 819	589	191	10 533	8 191	1 573	769	175	463	1 002
Craftsmen and kindred workers	**34 720**	**32 360**	**1 489**	**599**	**34 364**	**25 840**	**6 750**	**1 774**	**736**	**1 660**	**2 875**
Apparel craftsmen and upholsterers	287	248	21	21	287	224	48	15	–	27	8
Bakers	215	184	21	19	215	161	44	10	10	12	16
Cabinetmakers	235	220	15	–	235	155	50	30	6	14	33
Construction craftsmen	9 018	8 384	366	178	8 907	5 060	3 125	722	241	491	936
Carpenters	2 809	2 640	94	43	2 760	1 406	1 037	317	143	200	333
Excavating, grading, and road machine operators	681	645	10	–	669	399	205	65	9	25	84
Electricians	1 347	1 299	23	67	1 341	1 142	157	42	16	55	76
Masons and tile setters	666	559	86	15	666	198	416	52	10	41	89
Painters, construction and maintenance, and paperhangers	1 287	1 224	41	14	1 256	677	477	102	27	69	169
Plasterers and cement finishers	473	388	69	15	473	147	270	56	10	19	45
Plumbers and pipe fitters	1 099	1 045	26	7	1 090	754	279	57	21	38	49
Other construction craftsmen	656	584	17	17	652	337	284	31	5	44	91
Foremen, n.e.c.	4 546	4 387	67	42	4 534	4 059	386	89	72	152	151
Manufacturing	1 620	1 574	22	25	1 614	1 453	141	20	20	27	38
Nonmanufacturing industries	2 926	2 813	45	17	2 920	2 606	245	69	52	125	113
Linemen and servicemen, telephone and power	1 053	1 037	5	13	1 048	966	61	21	5	36	47
Locomotive engineers and firemen	112	112	–	–	112	100	12	–	6	42	–
Mechanics and repairmen	11 066	10 213	605	216	10 988	8 867	1 699	422	161	455	450
Air conditioning, heating, and refrigeration	465	426	23	10	460	353	40	67	4	14	16
Aircraft	2 865	2 591	179	67	2 853	2 529	271	53	59	125	81
Automobile, including body	3 368	3 144	189	50	3 349	2 472	698	179	43	131	125
Radio and television	813	722	46	16	809	634	147	28	–	19	36
Other mechanics and repairmen	3 555	3 330	168	73	3 517	2 879	543	95	55	166	192
Metal craftsmen, except mechanics	2 602	2 410	86	25	2 593	2 124	383	86	76	62	136
Machinists and job and die setters	1 341	1 237	60	7	1 341	1 107	191	43	33	28	93
Sheetmetal workers and tinsmiths	719	657	26	7	719	596	103	20	21	10	29
Tool and die makers	311	300	–	–	306	267	39	–	–	14	5
Other metal craftsmen	231	216	–	11	227	154	50	23	22	10	9
Printing craftsmen	881	849	11	13	852	676	154	22	15	24	49
Compositors and typesetters	402	381	11	7	381	319	57	5	12	15	26
Pressmen and plate printers, printing	341	330	–	6	341	264	60	17	3	5	23
Stationary engineers and power station operators	613	593	15	–	613	560	47	6	27	84	55
Other craftsmen and kindred workers	4 092	3 723	277	72	3 980	2 888	741	351	117	261	994

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
OKLAHOMA CITY SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**15 409**	**13 265**	**1 672**	**339**	**15 123**	**10 468**	**3 217**	**1 438**	**372**	**916**	**1 819**
Assemblers	942	821	88	20	934	673	204	57	4	29	95
Checkers, examiners, and inspectors; manufacturing	845	791	46	14	845	679	134	32	–	25	49
Garage workers and gas station attendants	1 684	1 479	171	15	1 578	759	432	387	22	100	390
Laundry and drycleaning operatives, n.e.c	219	175	39	–	219	178	28	13	5	35	60
Meat cutters and butchers	889	738	137	27	889	726	128	35	38	61	83
Mine operatives, n.e.c	373	358	5	–	373	253	85	35	28	56	76
Packers and wrappers, except produce	622	502	101	10	598	379	154	65	10	40	67
Painters, manufactured articles	332	266	44	10	328	205	91	32	–	14	31
Precision machine operatives	459	439	11	–	459	335	103	21	12	22	30
Sawyers	107	107	–	–	107	72	35	–	–	12	5
Stationary firemen	135	131	4	–	135	121	10	4	12	–	–
Textile operatives	16	16	–	–	16	11	5	–	–	16	–
Welders and flamecutters	1 831	1 571	142	35	1 773	1 302	356	115	6	68	115
Other metalworking operatives	579	485	72	31	570	413	107	50	5	31	39
Other specified operatives	2 506	2 059	367	40	2 457	1 647	597	213	156	236	417
Miscellaneous and not specified operatives	3 870	3 327	445	137	3 842	2 715	748	379	74	171	362
Occupation:											
Machine operatives, miscellaneous specified	1 478	1 274	165	47	1 478	1 140	221	117	28	76	148
Machine operatives, not specified	533	464	44	5	524	395	117	12	–	8	38
Miscellaneous operatives	1 364	1 149	188	51	1 345	843	312	190	23	69	129
Not specified operatives	495	440	48	34	495	337	98	60	23	18	47
Industry:											
Manufacturing	2 352	2 011	269	89	2 338	1 679	412	247	47	94	230
Durable goods	1 612	1 372	208	45	1 608	1 132	328	148	20	45	102
Wood products, including furniture	93	83	4	–	89	60	12	17	4	4	20
Primary metal industries	38	34	4	–	38	25	–	13	–	–	17
Fabricated metal industries	236	202	25	9	236	167	43	26	–	5	21
Machinery, including electrical	893	750	135	8	893	658	186	49	7	17	19
Motor vehicles and equipment	87	79	8	11	87	43	29	15	–	–	–
Transportation equipment, except motor vehicles	109	93	12	17	109	75	34	–	–	–	3
Other durable goods	156	131	20	–	156	104	24	28	9	19	22
Nondurable goods	722	621	61	44	712	529	84	99	27	49	128
Food and kindred products	391	325	30	20	391	301	46	44	22	30	47
Apparel and other fabricated textile products	4	4	–	–	4	–	–	4	–	–	–
Paper and allied products	55	49	6	–	55	42	4	9	–	–	13
Chemicals and allied products	28	28	–	5	28	18	10	–	–	–	19
Other nondurable goods	244	215	25	19	234	168	24	42	5	19	49
Not specified manufacturing industries	18	18	–	–	18	18	–	–	–	–	–
Nonmanufacturing industries	1 518	1 316	176	48	1 504	1 036	336	132	27	77	132
Transportation, communications, and other public utilities	200	182	18	5	200	158	28	14	13	8	11
Wholesale and retail trade	357	309	42	21	357	192	103	62	11	4	61
All other industries	961	825	116	22	947	686	205	56	3	65	60
Transport equipment operatives	**10 164**	**9 261**	**705**	**162**	**10 015**	**7 209**	**2 231**	**575**	**203**	**442**	**1 020**
Bus drivers	341	324	17	–	341	224	61	56	–	50	50
Taxicab drivers and chauffeurs	285	229	56	–	261	147	99	15	11	20	47
Truck drivers and deliverymen	7 809	7 195	465	142	7 706	5 587	1 728	391	168	264	659
Other transport equipment operatives	1 729	1 513	167	20	1 707	1 251	343	113	24	108	264
Laborers, except farm	**9 455**	**7 514**	**1 651**	**149**	**9 240**	**4 825**	**2 717**	**1 698**	**248**	**603**	**3 109**
Construction laborers	1 933	1 471	370	30	1 907	784	741	382	58	162	877
Freight, stock, and material handlers	4 182	3 532	506	76	4 088	2 293	1 091	704	42	160	981
Other specified laborers	2 128	1 524	578	6	2 052	1 140	529	383	92	156	840
Miscellaneous and not specified laborers	1 212	987	197	37	1 193	608	356	229	56	125	411
Occupation:											
Miscellaneous laborers	268	195	68	8	268	183	57	28	31	10	26
Not specified laborers	944	792	129	29	925	425	299	201	25	115	385
Industry:											
Manufacturing	342	250	81	4	337	157	129	51	3	20	145
Durable goods	234	178	45	–	234	110	89	35	–	11	72
Wood products, including furniture	9	9	–	–	9	4	–	5	–	–	10
Metal industries	79	45	23	–	79	27	36	16	–	–	21
Machinery, including electrical	34	34	–	–	34	9	18	7	–	5	4
Transportation equipment	47	32	15	–	47	27	20	–	–	6	4
Other durable goods	65	58	7	–	65	43	15	7	–	–	33
Nondurable goods	108	72	36	4	103	47	40	16	3	9	73
Food and kindred products	72	47	25	4	72	32	29	11	–	9	25
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	870	737	116	33	856	451	227	178	53	105	266
Railroads and railway express service	92	78	14	8	92	69	23	–	19	19	–
Transportation, except railroads	80	80	–	–	80	45	15	20	–	4	9
Communications, and utilities and sanitary services	90	70	15	–	85	76	9	–	7	16	16
Wholesale and retail trade	290	258	23	–	281	123	88	70	–	21	91
All other industries	318	251	64	25	318	138	92	88	27	45	150
Farmers and farm managers	**1 464**	**1 448**	**16**	**5**	**1 438**	**1 259**	**101**	**78**	**91**	**195**	**217**
Farm laborers and farm foremen	**917**	**791**	**90**	**7**	**882**	**466**	**215**	**201**	**80**	**135**	**579**
Paid farm laborers and farm foremen	841	715	90	7	806	427	187	192	77	131	545
Unpaid family workers	76	76	–	–	76	39	28	9	3	4	34
Service workers, except private household[1]	**12 355**	**10 276**	**1 799**	**201**	**11 967**	**7 036**	**2 636**	**2 295**	**330**	**879**	**2 875**
Cleaning service workers	4 240	3 137	1 010	43	4 126	2 452	905	769	142	336	809
Food service workers	2 985	2 446	437	78	2 804	920	874	1 010	72	262	1 153
Cooks, except private household	1 170	977	158	33	1 151	514	357	280	7	97	293
Busboys and dishwashers	790	630	133	15	713	125	217	371	29	109	477
Health service workers	519	459	49	8	505	232	153	120	–	39	122
Personal service workers	1 140	1 027	90	30	1 115	686	261	168	28	94	278
Protective service workers	2 682	2 606	60	31	2 654	2 263	281	110	67	108	191
Firemen, fire protection	774	766	8	14	774	751	23	–	–	6	10
Guards and watchmen	769	715	44	–	748	530	146	72	41	77	112
Policemen and detectives	1 031	1 017	8	17	1 031	912	97	22	8	19	39
Private household workers	**99**	**49**	**50**	–	**93**	**40**	**29**	**24**	–	**15**	**41**
Unemployed persons, last worked 1959 or earlier[2]	**20**	**20**	–	–	...	...	...	...	...	...	...

[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
OKLAHOMA CITY SMSA—Continued											
Female, 16 years old and over	**108 176**	**96 606**	**9 417**	**1 481**	**103 008**	**56 458**	**28 583**	**17 967**	**8 140**	**21 925**	**29 265**
Professional, technical, and kindred workers	**16 476**	**14 988**	**1 200**	**292**	**16 044**	**7 412**	**6 262**	**2 370**	**848**	**2 225**	**2 968**
Accountants	1 122	1 088	19	30	1 089	810	157	122	65	108	161
Computer specialists	151	147	4	–	151	118	14	19	–	5	–
Librarians	396	344	40	–	385	158	168	59	11	47	28
Mathematical specialists	58	53	–	–	58	48	–	10	–	6	–
Life and physical scientists	121	116	5	5	121	92	20	9	5	10	21
Registered nurses, dietitians, and therapists	2 899	2 683	135	61	2 833	1 713	685	435	210	427	398
Dietitians	136	105	27	–	130	94	20	16	5	13	11
Registered nurses	2 590	2 426	102	51	2 530	1 513	627	390	200	409	361
Health technologists and technicians	694	585	90	14	678	456	141	81	40	111	91
Social scientists	105	105	–	–	95	60	25	10	5	9	12
Social and recreation workers	617	483	129	–	604	389	140	75	21	93	191
Teachers: College and university	624	591	33	7	616	227	300	89	17	40	92
Elementary and prekindergarten	4 137	3 677	387	63	4 038	1 004	2 430	604	215	650	807
Secondary	1 837	1 669	148	35	1 799	386	1 084	329	122	254	340
Other teachers	476	449	14	9	466	160	201	105	10	78	71
Engineering and science technicians	330	313	10	15	330	237	60	33	26	25	48
Technicians, except health, and engineering and science	173	163	10	–	173	117	50	6	10	–	22
Writers, artists, and entertainers	877	860	17	30	831	408	269	154	19	202	194
Actors and dancers	16	16	–	–	11	5	6	–	–	–	3
Authors, editors, and reporters	246	243	3	–	231	140	51	40	5	66	20
Other professional, technical, and kindred workers	1 859	1 662	159	23	1 777	1 029	518	230	72	160	492
Managers and administrators, except farm	**4 610**	**4 425**	**140**	**58**	**4 508**	**3 444**	**720**	**344**	**339**	**800**	**783**
Buyers, purchasing agents, and sales managers	488	467	18	–	483	395	78	10	23	74	98
Restaurant, cafeteria, and bar managers	639	589	27	10	628	350	195	83	81	119	118
School administrators	170	170	–	–	156	108	48	–	–	15	29
Other specified managers and administrators	1 189	1 136	53	33	1 174	940	115	119	105	213	230
Managers and administrators, n.e.c., salaried	1 479	1 439	27	15	1 458	1 196	165	97	66	222	214
Wholesale and retail trade	434	421	–	8	424	344	45	35	25	73	71
Managers and administrators, n.e.c., self-employed	645	624	15	–	609	455	119	35	64	157	94
Wholesale and retail trade	355	334	15	–	339	231	78	30	29	81	44
Sales workers	**8 780**	**8 550**	**148**	**142**	**8 283**	**3 968**	**2 199**	**2 116**	**731**	**2 295**	**3 503**
Demonstrators, hucksters, and peddlers	657	632	20	7	586	209	186	191	25	184	264
Insurance, real estate agents, and brokers	891	882	–	13	875	526	212	137	50	125	152
Sales clerks, retail trade	5 468	5 325	96	87	5 180	2 425	1 340	1 415	558	1 656	2 497
Salesmen, retail trade	280	275	5	–	264	166	44	54	17	62	59
Other sales workers	1 484	1 436	27	35	1 378	642	417	319	81	268	531
Clerical and kindred workers	**42 776**	**40 355**	**1 709**	**517**	**41 153**	**25 415**	**9 534**	**6 204**	**3 394**	**8 039**	**10 565**
Bank tellers	614	586	22	7	609	450	118	41	34	108	106
Bookkeepers	5 040	4 922	26	59	4 919	3 412	965	542	357	914	820
Cashiers	3 207	3 056	105	35	3 008	1 228	937	843	191	730	1 350
Counter clerks, except food	583	533	38	–	550	302	173	75	74	193	172
Enumerators and interviewers	128	128	–	–	84	9	47	28	24	28	55
File clerks	1 075	999	64	13	1 022	488	278	256	77	246	431
Office machine operators	2 182	2 038	125	27	2 117	1 353	460	304	145	305	384
Bookkeeping and billing machine operators	253	244	9	6	242	158	64	20	25	78	36
Keypunch operators	1 260	1 168	81	21	1 221	766	266	189	84	150	233
Payroll and timekeeping clerks	337	327	10	–	332	260	46	26	16	61	48
Receptionists	1 322	1 223	79	7	1 248	601	381	266	141	321	387
Secretaries	10 981	10 665	182	130	10 686	6 931	2 497	1 258	829	2 022	2 365
Stenographers	840	793	14	23	820	591	145	84	56	186	117
Telephone operators	1 492	1 397	84	13	1 452	879	347	226	177	244	319
Typists	3 380	3 080	211	23	3 219	1 888	702	629	320	820	1 056
Other clerical and kindred workers	11 595	10 608	749	180	11 087	7 023	2 438	1 626	953	1 861	2 955
Craftsmen and kindred workers	**2 351**	**2 101**	**194**	**21**	**2 298**	**1 497**	**589**	**212**	**176**	**408**	**503**
Foremen, n.e.c.	302	274	17	–	294	220	58	16	11	21	23
Operatives, except transport	**9 070**	**7 452**	**1 260**	**144**	**8 535**	**4 830**	**2 201**	**1 504**	**710**	**1 989**	**2 591**
Assemblers	1 421	1 149	234	–	1 341	790	322	229	76	274	331
Bottling and canning operatives	37	37	–	–	37	10	21	6	4	5	19
Checkers, examiners, and inspectors; manufacturing	505	451	45	5	492	380	81	31	22	96	53
Dressmakers and seamstresses, except factory	465	427	29	13	465	220	148	97	42	136	112
Laundry and drycleaning operatives, including ironers	921	650	198	32	860	471	239	150	153	358	327
Graders and sorters, manufacturing	16	6	10	–	16	16	–	–	5	5	–
Packers and wrappers, except produce	852	809	23	–	794	442	198	154	92	225	311
Sewers and stitchers	538	417	43	24	498	226	173	99	69	208	320
Textile operatives	50	50	–	–	50	5	20	25	19	13	17
Other specified operatives	1 721	1 355	310	29	1 578	970	343	265	140	337	551
Miscellaneous and not specified operatives	2 544	2 101	368	41	2 404	1 300	656	448	88	332	550
Manufacturing	2 140	1 799	290	37	2 026	1 080	556	390	61	272	444
Durable goods	1 671	1 369	255	37	1 619	878	461	280	31	149	284
Machinery, including electrical	1 484	1 200	246	31	1 437	802	392	243	20	113	213
Other durable goods	187	169	9	6	182	76	69	37	11	36	71
Nondurable goods, including not specified manufacturing	469	430	35	–	407	202	95	110	30	123	160
Food and kindred products	80	71	9	–	80	41	13	26	20	47	45
Apparel and other fabricated textile products	109	94	15	–	83	40	18	25	–	22	15
Nonmanufacturing industries	404	302	78	4	378	220	100	58	27	60	106
Transport equipment operatives	**308**	**290**	**10**	**–**	**308**	**188**	**71**	**49**	**10**	**70**	**35**
Laborers, except farm	**1 049**	**862**	**172**	**11**	**973**	**620**	**206**	**147**	**67**	**150**	**343**
Farmers and farm managers	**82**	**82**	**–**	**–**	**78**	**54**	**16**	**8**	**4**	**28**	**38**
Farm laborers and farm foremen	**190**	**179**	**11**	**7**	**165**	**85**	**45**	**35**	**31**	**67**	**120**
Paid farm laborers and farm foremen	143	138	5	–	133	53	45	35	22	57	89
Unpaid family workers	47	41	6	7	32	32	–	–	9	10	31
Service workers, except private household[1]	**19 295**	**15 864**	**2 903**	**283**	**17 910**	**7 811**	**5 881**	**4 218**	**1 534**	**5 039**	**6 971**
Cleaning service workers	1 882	1 084	714	5	1 770	859	484	427	172	476	648
Chambermaids and maids	684	324	341	–	635	284	197	154	69	225	254
Food service workers	7 625	6 761	668	127	6 911	2 274	2 728	1 909	769	2 661	3 452
Cooks, except private household	2 284	1 938	305	40	2 168	766	1 001	401	231	639	664
Waiters and food counter workers	3 915	3 628	187	70	3 453	1 110	1 198	1 145	451	1 576	2 313
Health service workers	3 943	2 878	935	89	3 805	2 053	971	781	272	894	1 208
Nursing aides, orderlies, and attendants	2 363	1 619	645	41	2 249	1 128	557	564	162	583	816
Practical nurses	748	542	184	29	744	482	184	78	37	149	142
Personal service workers	3 970	3 658	260	44	3 773	1 784	1 172	817	198	744	916
Hairdressers and cosmetologists	2 217	2 035	145	27	2 141	1 103	676	362	92	414	354
Private household workers	**3 003**	**1 299**	**1 643**	**6**	**2 753**	**1 134**	**859**	**760**	**296**	**815**	**845**
Private household workers, living in	197	110	75	6	197	145	38	14	–	17	–
Private household workers, living out	2 806	1 189	1 568	–	2 556	989	821	746	296	798	845
Unemployed persons, last worked 1959 or earlier[2]	**186**	**159**	**27**	**–**	...	...	...	...	...	...	...

[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
TULSA SMSA											
Male, 16 years old and over	**122 618**	**112 522**	**6 599**	**1 446**	**121 380**	**91 970**	**21 351**	**8 059**	**2 452**	**5 299**	**11 184**
Professional, technical, and kindred workers	**19 724**	**18 978**	**386**	**227**	**19 621**	**16 446**	**2 543**	**632**	**141**	**420**	**695**
Accountants	2 707	2 654	10	16	2 696	2 377	219	100	18	46	66
Architects	185	185	–	–	185	179	–	6	–	–	5
Computer specialists	855	806	19	7	848	727	92	29	–	–	10
Engineers	4 107	4 050	21	29	4 096	3 842	207	47	15	117	81
Aeronautical and astronautical	308	302	–	6	308	308	–	–	–	–	–
Civil	607	599	–	–	607	565	42	–	–	23	24
Electrical and electronic	562	562	–	8	562	520	38	4	6	–	10
Mechanical	529	517	7	–	529	513	10	6	–	20	–
Other engineers	2 101	2 070	14	15	2 090	1 936	117	37	9	74	47
Lawyers and judges	953	945	4	23	953	847	101	5	–	21	25
Life and physical scientists	695	682	4	6	695	646	40	9	20	32	35
Chemists	226	222	4	6	226	208	18	–	6	–	4
Physicians, dentists, and related practitioners	1 314	1 276	18	12	1 314	1 090	198	26	5	29	40
Dentists	219	215	–	6	219	120	88	11	5	13	5
Pharmacists	283	274	9	–	283	253	21	9	–	6	27
Physicians, medical and osteopathic	651	631	9	6	651	566	79	6	–	10	4
Other related practitioners	161	156	–	–	161	151	10	–	–	–	4
Health technologists and technicians	206	195	6	22	206	138	54	14	–	6	4
Religious workers	742	688	40	–	742	645	86	11	10	18	52
Social scientists	242	242	–	10	242	196	46	–	–	–	–
Social and recreation workers	205	188	12	6	199	142	39	18	–	–	36
Teachers	1 864	1 720	103	22	1 845	906	837	102	19	33	51
College and university	284	284	–	8	284	158	113	13	10	13	5
Elementary and prekindergarten	348	305	28	8	348	138	178	32	9	5	23
Secondary	989	888	75	6	970	491	456	23	–	15	14
Engineering and science technicians	2 353	2 212	74	40	2 346	2 048	203	95	9	46	73
Draftsmen and surveyors	1 378	1 315	27	19	1 371	1 232	101	38	5	41	45
Electrical and electronic engineering technicians	364	320	21	21	364	314	39	11	–	5	8
Technicians, except health, and engineering and science	438	433	–	–	438	389	39	10	–	18	22
Airplane pilots	146	146	–	–	146	115	27	4	–	5	5
Writers, artists, and entertainers	1 156	1 115	21	20	1 151	900	151	100	22	29	96
Other professional, technical, and kindred workers	1 702	1 587	54	14	1 665	1 374	231	60	23	25	99
Managers and administrators, except farm	**15 529**	**15 129**	**225**	**142**	**15 458**	**13 709**	**1 355**	**394**	**306**	**713**	**642**
Buyers, purchasing agents, and sales managers	2 387	2 370	7	9	2 377	2 132	208	37	52	87	46
School administrators	293	274	15	6	293	157	127	9	–	10	13
Specified managers and administrators, public administration	517	471	23	6	517	458	42	17	12	46	20
Other specified managers and administrators	2 307	2 206	70	36	2 283	1 985	213	85	54	105	131
Managers and administrators, n.e.c., salaried	7 454	7 291	92	78	7 432	6 770	526	136	95	273	271
Manufacturing	1 782	1 766	12	6	1 782	1 686	88	8	21	39	43
Wholesale and retail trade	2 526	2 436	51	31	2 526	2 330	138	58	10	89	108
Transportation, communications, and other public utilities	629	618	–	5	617	546	60	11	11	28	27
All other industries	2 517	2 471	29	36	2 507	2 208	240	59	53	117	93
Managers and administrators, n.e.c., self-employed	2 571	2 517	18	7	2 556	2 207	239	110	93	192	161
Construction	468	463	5	–	468	356	89	23	15	20	36
Manufacturing	190	190	–	–	190	170	15	5	–	4	5
Wholesale and retail trade	1 269	1 232	13	–	1 259	1 142	80	37	42	96	72
All other industries	644	632	–	7	639	539	55	45	36	72	48
Sales workers	**9 736**	**9 493**	**107**	**85**	**9 671**	**7 695**	**1 456**	**520**	**134**	**377**	**577**
Insurance agents, brokers, and underwriters	1 238	1 188	24	–	1 218	1 025	165	28	8	55	53
Real estate agents and brokers	501	488	13	–	497	374	112	11	–	41	22
Sales representatives, manufacturing industries	1 096	1 081	–	11	1 096	973	100	23	12	30	18
Sales representatives, wholesale trade	2 370	2 333	12	43	2 370	2 076	220	74	44	79	68
Sales clerks, retail trade	1 681	1 624	26	7	1 671	1 111	374	186	41	69	217
Salesmen, retail trade	1 256	1 230	10	11	1 245	1 000	184	61	10	52	50
Salesmen of services and construction	555	537	8	6	555	454	72	29	–	5	24
Other sales workers	1 039	1 012	14	7	1 019	682	229	108	19	46	125
Clerical and kindred workers	**9 767**	**9 031**	**473**	**103**	**9 685**	**7 639**	**1 396**	**650**	**201**	**342**	**787**
Bank tellers and cashiers	494	485	9	8	479	306	92	81	3	18	94
Bookkeepers and billing clerks	696	672	11	6	696	612	50	34	18	41	50
Mail handlers and postal clerks	1 419	1 268	109	–	1 393	1 128	175	90	29	55	81
Other clerical and kindred workers	7 158	6 606	344	89	7 117	5 593	1 079	445	151	228	562
Craftsmen and kindred workers	**27 687**	**25 900**	**926**	**322**	**27 545**	**20 837**	**5 514**	**1 194**	**651**	**1 295**	**1 991**
Apparel craftsmen and upholsterers	201	164	9	7	196	131	36	29	3	5	4
Bakers	147	137	10	–	144	107	33	4	5	–	28
Cabinetmakers	143	139	4	–	143	96	47	–	6	10	18
Construction craftsmen	6 489	6 083	157	56	6 461	3 549	2 395	517	169	424	634
Carpenters	1 761	1 685	29	21	1 741	789	751	201	46	184	201
Excavating, grading, and road machine operators	725	661	32	7	725	436	270	19	15	38	92
Electricians	1 070	1 029	16	–	1 067	788	259	20	6	16	29
Masons and tile setters	466	437	20	5	466	202	207	57	24	30	38
Painters, construction and maintenance, and paperhangers	937	848	26	9	932	422	390	120	64	73	171
Plasterers and cement finishers	254	215	20	–	254	73	150	31	4	5	18
Plumbers and pipe fitters	732	702	9	7	732	516	183	33	10	55	36
Other construction craftsmen	544	506	5	7	544	323	185	36	–	23	49
Foremen, n.e.c.	3 546	3 403	43	47	3 541	3 210	288	43	97	184	103
Manufacturing	1 572	1 499	24	7	1 572	1 443	118	11	50	50	34
Nonmanufacturing industries	1 974	1 904	19	40	1 969	1 767	170	32	47	134	69
Linemen and servicemen, telephone and power	934	886	44	–	929	807	112	10	10	23	36
Locomotive engineers and firemen	105	105	–	–	105	86	11	8	12	–	5
Mechanics and repairmen	8 461	7 880	359	138	8 442	6 900	1 264	278	91	191	373
Air conditioning, heating, and refrigeration	223	223	–	11	217	166	46	5	–	10	4
Aircraft	3 199	3 003	120	52	3 199	2 874	316	9	16	44	108
Automobile, including body	2 244	2 016	169	51	2 235	1 635	441	159	22	72	143
Radio and television	388	354	4	7	388	314	57	17	6	13	10
Other mechanics and repairmen	2 407	2 284	66	17	2 403	1 911	404	88	47	52	108
Metal craftsmen, except mechanics	3 023	2 850	82	11	3 008	2 374	562	72	57	126	93
Machinists and job and die setters	1 565	1 484	56	6	1 559	1 298	241	20	35	42	50
Sheetmetal workers and tinsmiths	531	505	8	–	527	385	122	20	–	10	–
Tool and die makers	401	371	6	–	396	307	74	15	3	15	20
Other metal craftsmen	526	490	12	5	526	384	125	17	19	59	23
Printing craftsmen	659	641	4	18	659	571	72	16	5	10	36
Compositors and typesetters	259	248	4	6	259	217	34	8	5	5	24
Pressmen and plate printers, printing	270	263	–	12	270	229	33	8	–	5	12
Stationary engineers and power station operators	994	929	28	8	989	871	99	19	155	128	134
Other craftsmen and kindred workers	2 985	2 683	186	37	2 928	2 135	595	198	41	194	527

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
TULSA SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**16 268**	**14 379**	**1 171**	**247**	**16 085**	**11 156**	**3 723**	**1 206**	**311**	**568**	**1 460**
Assemblers	1 277	1 157	82	8	1 277	863	334	80	5	16	59
Checkers, examiners, and inspectors; manufacturing	689	657	10	6	689	591	85	13	6	19	17
Garage workers and gas station attendants	1 134	1 001	83	–	1 105	524	339	242	5	50	289
Laundry and drycleaning operatives, n.e.c	199	129	70	8	192	150	27	15	13	6	29
Meat cutters and butchers	475	425	44	7	475	373	85	17	28	18	27
Mine operatives, n.e.c	789	735	27	6	789	568	174	47	33	44	123
Packers and wrappers, except produce	185	166	14	–	180	102	49	29	–	–	67
Painters, manufactured articles	274	225	35	–	263	199	54	10	–	17	12
Precision machine operatives	1 383	1 281	62	40	1 377	1 052	274	51	16	33	80
Sawyers	108	96	8	7	100	72	28	–	4	6	5
Stationary firemen	100	92	4	–	100	77	23	–	10	10	4
Textile operatives	55	32	3	5	51	36	9	6	8	–	11
Welders and flamecutters	2 727	2 431	114	61	2 722	1 931	658	133	18	72	108
Other metalworking operatives	638	579	33	14	628	444	143	41	5	9	35
Other specified operatives	2 012	1 733	209	20	1 983	1 266	561	156	57	94	257
Miscellaneous and not specified operatives	4 223	3 640	373	65	4 154	2 908	880	366	103	174	337
Occupation:											
Machine operatives, miscellaneous specified	1 527	1 301	160	27	1 518	1 145	269	104	75	57	82
Machine operatives, not specified	722	654	33	6	712	489	190	33	9	24	15
Miscellaneous operatives	1 386	1 177	122	32	1 346	836	335	175	3	71	186
Not specified operatives	588	508	58	–	578	438	86	54	16	22	54
Industry:											
Manufacturing	3 468	2 997	302	40	3 412	2 458	685	269	90	99	228
Durable goods	2 715	2 295	268	32	2 668	1 887	558	223	28	63	181
Wood products, including furniture	23	23	–	–	23	18	5	–	–	4	5
Primary metal industries	330	248	67	4	330	244	69	17	7	4	17
Fabricated metal industries	753	651	28	7	739	477	183	79	6	10	60
Machinery, including electrical	618	543	51	–	596	413	117	66	5	10	27
Motor vehicles and equipment	53	44	9	–	53	47	6	–	–	6	3
Transportation equipment, except motor vehicles	541	456	60	13	541	432	90	19	–	10	23
Other durable goods	397	330	53	8	386	256	88	42	10	19	46
Nondurable goods	753	702	34	8	744	571	127	46	62	36	47
Food and kindred products	148	136	12	–	148	117	13	18	–	13	10
Apparel and other fabricated textile products	5	5	–	–	5	5	–	–	–	–	–
Paper and allied products	56	56	–	8	56	46	10	–	–	–	5
Chemicals and allied products	93	87	–	–	93	87	6	–	5	–	11
Other nondurable goods	451	418	22	–	442	316	98	28	57	23	21
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	755	643	71	25	742	450	195	97	13	75	109
Transportation, communications, and other public utilities	236	184	36	10	236	177	39	20	7	17	11
Wholesale and retail trade	262	230	21	6	253	171	46	36	–	29	47
All other industries	257	229	14	9	253	102	110	41	6	29	51
Transport equipment operatives	**6 790**	**6 053**	**519**	**60**	**6 686**	**4 771**	**1 474**	**441**	**158**	**224**	**546**
Bus drivers	217	187	20	–	214	142	47	25	10	19	24
Taxicab drivers and chauffeurs	320	258	54	–	320	184	115	21	2	14	30
Truck drivers and deliverymen	5 308	4 785	357	43	5 251	3 786	1 139	326	126	174	375
Other transport equipment operatives	945	823	88	17	901	659	173	69	20	17	117
Laborers, except farm	**6 704**	**5 343**	**1 028**	**121**	**6 534**	**3 304**	**1 823**	**1 407**	**156**	**408**	**2 051**
Construction laborers	1 385	1 091	224	14	1 365	605	538	222	44	105	493
Freight, stock, and material handlers	2 774	2 433	207	49	2 697	1 361	671	665	38	100	670
Other specified laborers	1 571	1 100	393	51	1 535	809	383	343	33	120	542
Miscellaneous and not specified laborers	974	719	204	7	937	529	231	177	41	83	346
Occupation:											
Miscellaneous laborers	212	164	38	7	212	157	30	25	16	34	25
Not specified laborers	762	555	166	–	725	372	201	152	25	49	321
Industry:											
Manufacturing	454	328	110	–	431	263	100	68	10	43	117
Durable goods	368	258	100	–	345	202	81	62	6	38	78
Wood products, including furniture	5	5	–	–	5	–	–	5	–	–	8
Metal industries	179	124	50	–	168	113	37	18	6	24	39
Machinery, including electrical	39	31	8	–	33	17	5	11	–	–	16
Transportation equipment	54	32	17	–	54	24	20	10	–	–	11
Other durable goods	91	66	25	–	85	48	19	18	–	14	4
Nondurable goods	82	70	6	–	82	57	19	6	4	5	39
Food and kindred products	26	20	–	–	26	15	5	6	–	–	10
Not specified manufacturing industries	4	–	4	–	4	4	–	–	–	–	–
Nonmanufacturing industries	520	391	94	7	506	266	131	109	31	40	229
Railroads and railway express service	57	39	18	7	57	57	–	–	16	9	–
Transportation, except railroads	9	9	–	–	9	–	5	4	–	–	8
Communications, and utilities and sanitary services	84	70	14	–	84	66	14	4	5	–	5
Wholesale and retail trade	182	134	28	–	172	72	66	34	–	15	73
All other industries	188	139	34	–	184	71	46	67	10	16	143
Farmers and farm managers	**1 008**	**916**	**14**	–	**976**	**800**	**135**	**41**	**76**	**85**	**198**
Farm laborers and farm foremen	**890**	**745**	**89**	**10**	**878**	**466**	**233**	**179**	**51**	**62**	**331**
Paid farm laborers and farm foremen	849	709	89	10	837	443	225	169	47	62	279
Unpaid family workers	41	36	–	–	41	23	8	10	4	–	52
Service workers, except private household[1]	**8 397**	**6 503**	**1 602**	**129**	**8 153**	**5 106**	**1 669**	**1 378**	**267**	**792**	**1 881**
Cleaning service workers	3 241	2 216	919	43	3 174	1 944	662	568	90	307	568
Food service workers	1 680	1 311	323	39	1 581	604	455	522	45	202	779
Cooks, except private household	686	522	145	23	646	336	163	147	37	91	253
Busboys and dishwashers	438	357	69	8	413	63	154	196	4	71	330
Health service workers	213	179	14	–	213	122	62	29	–	16	39
Personal service workers	852	722	74	26	840	585	146	109	28	111	181
Protective service workers	1 821	1 707	68	7	1 807	1 526	216	65	46	116	95
Firemen, fire protection	540	509	12	7	540	518	17	5	5	19	–
Guards and watchmen	526	491	35	–	512	349	107	56	25	74	70
Policemen and detectives	596	563	21	–	596	555	41	–	16	15	10
Private household workers	**88**	**27**	**54**	–	**88**	**41**	**30**	**17**	–	**13**	**25**
Unemployed persons, last worked 1959 or earlier[2]	**30**	**25**	**5**	–	...	...	...	...	...	...	...

[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
TULSA SMSA—Continued											
Female, 16 years old and over	**73 958**	**65 562**	**6 040**	**791**	**70 425**	**36 877**	**20 017**	**13 531**	**6 785**	**16 858**	**19 524**
Professional, technical, and kindred workers	**10 106**	**9 235**	**601**	**107**	**9 859**	**4 549**	**3 895**	**1 415**	**690**	**1 549**	**1 857**
Accountants	750	716	19	7	729	514	112	103	44	103	34
Computer specialists	85	85	–	–	85	72	–	13	–	12	–
Librarians	179	170	9	–	179	87	70	22	10	16	18
Mathematical specialists	29	20	9	–	29	29	–	–	11	–	–
Life and physical scientists	34	34	–	–	34	18	16	–	–	–	10
Registered nurses, dietitians, and therapists	1 831	1 618	117	25	1 799	1 030	556	213	140	244	302
Dietitians	58	32	26	–	58	39	5	14	14	9	9
Registered nurses	1 662	1 500	71	25	1 630	931	500	199	115	193	264
Health technologists and technicians	464	410	44	–	450	316	96	38	26	110	32
Social scientists	52	43	9	–	52	26	26	–	–	16	–
Social and recreation workers	430	360	43	7	426	331	57	38	5	79	67
Teachers: College and university	131	120	–	–	126	49	60	17	17	5	38
Elementary and prekindergarten	2 678	2 398	211	7	2 612	565	1 618	429	194	468	678
Secondary	1 224	1 149	66	27	1 181	283	692	206	61	184	185
Other teachers	291	291	–	–	273	101	114	58	22	31	42
Engineering and science technicians	224	215	9	8	219	147	46	26	32	30	24
Technicians, except health, and engineering and science	56	48	–	–	56	42	14	–	11	4	–
Writers, artists, and entertainers	639	618	12	18	613	311	205	97	52	102	179
Actors and dancers	38	38	–	–	38	–	28	10	6	5	10
Authors, editors, and reporters	180	180	–	4	180	123	33	24	26	27	29
Other professional, technical, and kindred workers	1 009	940	53	8	996	628	213	155	65	145	248
Managers and administrators, except farm	**3 034**	**2 800**	**131**	**13**	**2 924**	**2 138**	**577**	**209**	**278**	**587**	**513**
Buyers, purchasing agents, and sales managers	220	211	–	–	220	194	26	–	31	48	39
Restaurant, cafeteria, and bar managers	347	325	18	7	326	116	182	28	64	91	52
School administrators	138	116	15	–	138	75	58	5	16	5	–
Other specified managers and administrators	749	696	49	–	704	512	121	71	54	147	178
Managers and administrators, n.e.c., salaried	1 044	957	39	6	1 026	828	141	57	62	203	135
Wholesale and retail trade	434	389	23	–	424	345	73	6	18	75	33
Managers and administrators, n.e.c., self-employed	536	495	10	–	510	413	49	48	51	93	109
Wholesale and retail trade	330	301	10	–	313	274	10	29	36	53	55
Sales workers	**6 510**	**6 152**	**216**	**29**	**6 141**	**2 901**	**1 709**	**1 531**	**684**	**1 987**	**2 566**
Demonstrators, hucksters, and peddlers	534	514	15	8	480	135	155	190	32	155	233
Insurance, real estate agents, and brokers	707	683	11	–	684	424	166	94	27	90	135
Sales clerks, retail trade	4 010	3 795	123	13	3 824	1 748	1 085	991	526	1 430	1 616
Salesmen, retail trade	234	230	–	–	230	142	50	38	15	49	116
Other sales workers	1 025	930	67	8	923	452	253	218	84	263	466
Clerical and kindred workers	**28 752**	**27 191**	**895**	**291**	**27 818**	**17 108**	**6 209**	**4 501**	**2 692**	**5 905**	**6 394**
Bank tellers	498	480	14	7	498	364	72	62	34	84	68
Bookkeepers	3 645	3 544	41	42	3 562	2 485	685	392	281	720	548
Cashiers	2 250	2 117	81	30	2 123	952	622	549	130	581	730
Counter clerks, except food	355	322	23	–	342	184	95	63	40	70	124
Enumerators and interviewers	100	89	11	–	75	20	5	50	30	44	114
File clerks	626	554	45	–	591	264	155	172	83	146	162
Office machine operators	1 436	1 356	39	13	1 383	837	281	265	107	327	307
Bookkeeping and billing machine operators	213	209	–	–	213	138	36	39	20	57	21
Keypunch operators	868	804	34	13	835	518	145	172	37	163	216
Payroll and timekeeping clerks	268	268	–	–	268	192	63	13	6	27	54
Receptionists	1 049	1 008	14	9	1 013	520	194	299	93	270	286
Secretaries	7 853	7 616	101	75	7 713	5 300	1 592	821	666	1 382	1 345
Stenographers	545	519	9	13	531	394	105	32	89	136	114
Telephone operators	1 078	966	71	–	1 044	671	221	152	161	235	202
Typists	1 774	1 631	81	28	1 676	907	476	293	283	443	492
Other clerical and kindred workers	7 275	6 721	365	74	6 999	4 018	1 643	1 339	689	1 440	1 848
Craftsmen and kindred workers	**1 097**	**1 006**	**52**	**6**	**1 043**	**646**	**270**	**127**	**103**	**187**	**313**
Foremen, n.e.c	238	223	–	–	232	190	33	9	15	30	20
Operatives, except transport	**5 769**	**5 018**	**370**	**50**	**5 519**	**2 760**	**1 557**	**1 202**	**702**	**1 564**	**1 740**
Assemblers	737	640	35	18	704	381	198	125	66	200	156
Bottling and canning operatives	43	31	–	–	28	6	–	22	–	13	15
Checkers, examiners, and inspectors, manufacturing	413	375	–	–	397	214	124	59	47	93	75
Dressmakers and seamstresses, except factory	399	358	14	–	387	206	105	76	26	103	82
Laundry and drycleaning operatives, including ironers	836	609	166	–	794	401	215	178	111	278	271
Graders and sorters, manufacturing	68	63	5	–	68	50	9	9	–	6	5
Packers and wrappers, except produce	592	525	41	14	579	300	174	105	81	243	223
Sewers and stitchers	667	583	35	4	617	185	237	195	89	153	121
Textile operatives	43	33	4	–	37	7	16	14	45	9	37
Other specified operatives	1 144	1 019	65	14	1 095	606	287	202	133	280	398
Miscellaneous and not specified operatives	827	782	5	–	813	404	192	217	104	186	357
Manufacturing	704	659	5	–	690	389	122	179	87	109	249
Durable goods	359	333	–	–	359	202	53	104	49	50	95
Machinery, including electrical	111	104	–	–	111	81	4	26	10	5	29
Other durable goods	248	229	–	–	248	121	49	78	39	45	66
Nondurable goods, including not specified manufacturing	345	326	5	–	331	187	69	75	38	59	154
Food and kindred products	73	68	–	–	73	31	21	21	17	9	46
Apparel and other fabricated textile products	55	41	5	–	55	30	15	10	12	5	13
Nonmanufacturing industries	123	123	–	–	123	15	70	38	17	77	108
Transport equipment operatives	**239**	**227**	–	**16**	**220**	**90**	**79**	**51**	–	**26**	**82**
Laborers, except farm	**439**	**330**	**82**	–	**419**	**127**	**157**	**135**	**25**	**146**	**156**
Farmers and farm managers	**111**	**102**	**4**	–	**99**	**76**	**18**	**5**	–	**4**	**37**
Farm laborers and farm foremen	**111**	**92**	**5**	**17**	**100**	**20**	**61**	**19**	**7**	**54**	**136**
Paid farm laborers and farm foremen	58	44	–	17	52	–	33	19	7	43	80
Unpaid family workers	53	48	5	–	48	20	28	–	–	11	56
Service workers, except private household[1]	**14 625**	**12 006**	**2 017**	**262**	**13 550**	**5 365**	**4 588**	**3 597**	**1 309**	**4 076**	**4 895**
Cleaning service workers	1 735	1 243	378	35	1 608	816	519	273	204	432	539
Chambermaids and maids	426	294	98	8	386	147	153	86	50	148	188
Food service workers	5 636	4 869	581	102	5 183	1 406	2 098	1 679	557	1 962	2 284
Cooks, except private household	1 334	1 129	191	3	1 289	365	686	238	159	472	382
Waiters and food counter workers	3 010	2 721	183	83	2 691	724	941	1 026	309	1 129	1 543
Health service workers	3 460	2 718	614	81	3 244	1 533	931	780	253	780	903
Nursing aides, orderlies, and attendants	2 350	1 778	489	56	2 187	963	665	559	161	518	651
Practical nurses	477	370	72	10	458	235	143	80	50	147	98
Personal service workers	2 561	2 214	232	38	2 406	1 095	767	544	182	587	631
Hairdressers and cosmetologists	1 525	1 371	83	23	1 436	680	493	263	119	291	221
Private household workers	**2 997**	**1 269**	**1 637**	–	**2 733**	**1 097**	**897**	**739**	**295**	**773**	**835**
Private household workers, living in	102	68	29	–	97	60	33	4	–	–	4
Private household workers, living out	2 895	1 201	1 608	–	2 636	1 037	864	735	295	773	831
Unemployed persons, last worked 1959 or earlier[2]	**168**	**134**	**30**	–	...	...	...	...	...	...	...

[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	**580 312**	**388 010**	**105 403**	**44 296**	**27 324**	**33 783**	**85 287**	**1 612**
Professional, technical, and kindred workers	**78 864**	**41 712**	**28 228**	**9 413**	**11 449**	**7 366**	**8 876**	**48**
Accountants	7 575	5 708	1 068	600	405	63	799	-
Architects	521	329	52	25	27	-	140	-
Computer specialists	2 243	1 635	597	361	196	40	11	-
Engineers	11 983	8 524	3 100	2 409	543	148	359	-
Aeronautical and astronautical	543	379	156	146	10	-	8	-
Civil	1 939	849	1 047	623	360	64	43	-
Electrical and electronic	2 186	1 520	600	519	41	40	66	-
Mechanical	1 175	960	186	134	47	5	29	-
Other engineers	6 140	4 816	1 111	987	85	39	213	-
Lawyers and judges	3 312	1 000	542	85	300	157	1 770	-
Life and physical scientists	2 798	1 838	637	358	229	50	323	-
Chemists	983	740	215	131	64	20	28	-
Physicians, dentists, and related practitioners	5 910	2 083	557	233	320	4	3 270	-
Dentists	916	91	41	16	25	-	784	-
Pharmacists	1 500	1 018	59	28	27	4	423	-
Physicians, medical and osteopathic	2 638	855	413	150	263	-	1 370	-
Other related practitioners	856	119	44	39	5	-	693	-
Health technologists and technicians	1 199	611	560	169	202	189	28	-
Religious workers	4 300	3 591	56	10	16	30	653	-
Social scientists	712	388	303	79	150	74	21	-
Social and recreation workers	1 193	254	905	139	568	198	34	-
Teachers	13 187	1 863	11 153	546	5 201	5 406	171	-
College and university	4 168	723	3 445	59	3 320	66	-	-
Elementary and prekindergarten	2 442	221	2 213	59	556	1 598	8	-
Secondary	5 457	497	4 960	82	1 194	3 684	-	-
Engineering and science technicians	8 362	5 630	2 600	1 529	872	199	126	6
Draftsmen and surveyors	3 758	2 748	916	270	490	156	94	-
Electrical and electronic engineering technicians	1 908	923	973	886	64	23	12	-
Technicians, except health, and engineering and science	2 251	823	1 330	988	133	209	98	-
Airplane pilots	559	374	106	62	34	10	79	-
Writers, artists, and entertainers	4 768	3 308	687	235	365	87	751	22
Other professional, technical, and kindred workers	8 550	4 127	4 081	1 647	1 922	512	322	20
Managers and administrators, except farm	**73 079**	**43 755**	**10 623**	**4 268**	**2 544**	**3 811**	**18 494**	**207**
Buyers, purchasing agents, and sales managers	7 958	6 924	465	330	77	58	569	-
School administrators	2 721	325	2 352	22	729	1 601	44	-
Specified managers and administrators, public administration	5 538	5	5 527	3 167	947	1 413	6	-
Other specified managers and administrators	11 197	8 014	869	460	273	136	2 258	56
Managers and administrators, n.e.c., salaried	29 897	28 487	1 410	289	518	603	-	-
Manufacturing	5 021	4 990	31	24	7	-	-	-
Wholesale and retail trade	11 991	11 923	68	34	-	34	-	-
Transportation, communications and other public utilities	2 892	2 594	298	5	16	277	-	-
All other industries	9 993	8 980	1 013	226	495	292	-	-
Managers and administrators, n.e.c., self-employed	15 768	-	-	-	-	-	15 617	151
Construction	2 498	-	-	-	-	-	2 498	-
Manufacturing	812	-	-	-	-	-	802	10
Wholesale and retail trade	8 757	-	-	-	-	-	8 666	91
All other industries	3 701	-	-	-	-	-	3 651	50
Sales workers	**38 480**	**32 047**	**341**	**210**	**59**	**72**	**6 002**	**90**
Insurance agents, brokers, and underwriters	4 940	4 043	19	9	-	10	878	-
Real estate agents and brokers	1 964	819	45	30	5	10	1 090	10
Sales representatives, manufacturing industries	3 462	3 312	-	-	-	-	145	5
Sales representatives, wholesale trade	7 766	7 057	-	-	-	-	703	6
Sales clerks, retail trade	8 846	7 483	90	60	18	12	1 246	27
Salesmen, retail trade	5 841	4 739	6	6	-	-	1 081	15
Salesmen of services and construction	1 630	1 434	56	27	10	19	140	-
Other sales workers	4 031	3 160	125	78	26	21	719	27
Clerical and kindred workers	**40 102**	**25 054**	**14 370**	**11 074**	**2 015**	**1 281**	**638**	**40**
Bank tellers and cashiers	2 474	2 245	190	25	148	17	35	4
Bookkeepers and billing clerks	3 239	2 537	524	263	170	91	174	4
Mail handlers and postal clerks	6 281	542	5 733	5 646	83	4	-	6
Other clerical and kindred workers	28 108	19 730	7 923	5 140	1 614	1 169	429	26
Craftsmen and kindred workers	**125 340**	**92 284**	**18 923**	**10 877**	**3 009**	**5 037**	**13 968**	**165**
Apparel craftsmen and upholsterers	988	636	22	-	17	5	330	-
Bakers	608	476	46	4	36	6	86	-
Cabinetmakers	692	443	24	10	9	5	220	5
Construction craftsmen	36 929	25 025	4 956	1 520	1 106	2 330	6 898	50
Carpenters	12 373	8 606	680	355	196	129	3 072	15
Excavating, grading, and road machine operators	6 359	3 491	2 345	119	514	1 712	509	14
Electricians	4 504	3 172	915	600	116	199	412	5
Masons and tile setters	2 135	1 556	25	16	-	9	554	-
Painters, construction and maintenance, and paperhangers	4 126	2 449	491	223	137	131	1 181	5
Plasterers and cement finishers	1 317	1 100	40	10	8	22	177	-
Plumbers and pipe fitters	4 005	2 895	415	186	117	112	689	6
Other construction craftsmen	2 110	1 756	45	11	18	16	304	5
Foremen, n.e.c	15 083	13 088	1 720	865	338	517	263	12
Manufacturing	5 897	5 772	77	48	11	18	48	-
Nonmanufacturing industries	9 186	7 316	1 643	817	327	499	215	12
Linemen and servicemen, telephone and power	4 344	4 108	226	72	42	112	10	-
Locomotive engineers and firemen	413	357	56	50	-	6	-	-
Mechanics and repairmen	36 970	25 467	7 751	6 215	629	907	3 679	73
Air conditioning, heating, and refrigeration	1 249	824	216	143	55	18	209	-
Aircraft	7 799	4 326	3 454	3 351	71	32	19	-
Automobile, including body	12 741	9 604	760	323	170	267	2 342	35
Radio and television	2 100	1 000	652	612	22	18	443	5
Other mechanics and repairmen	13 081	9 713	2 669	1 786	311	572	666	33
Metal craftsmen, except mechanics	9 178	7 701	1 191	1 119	24	48	281	5
Machinists and job and die setters	5 126	4 390	630	573	14	43	106	-
Sheetmetal workers and tinsmiths	1 844	1 374	421	421	-	-	49	-
Tool and die makers	889	772	97	90	7	-	20	-
Other metal craftsmen	1 319	1 165	43	35	3	5	106	5
Printing craftsmen	2 579	2 215	286	116	138	32	78	-
Compositors and typesetters	1 276	1 082	152	54	85	13	42	-
Pressmen and plate printers, printing	979	868	90	42	38	10	21	-
Stationary engineers and power station operators	4 791	3 728	890	132	120	638	168	5
Other craftsmen and kindred workers	12 765	9 040	1 755	774	550	431	1 955	15

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	**69 346**	**61 935**	**4 465**	**3 167**	**596**	**702**	**2 806**	**140**
Assemblers	3 962	3 567	385	341	18	26	10	-
Checkers, examiners, and inspectors; manufacturing	2 451	2 260	191	164	17	10	-	-
Garage workers and gas station attendants	7 414	6 824	94	45	10	39	418	78
Laundry and drycleaning operatives, n.e.c	873	580	95	27	53	15	193	5
Meat cutters and butchers	3 118	2 789	168	109	59	-	155	6
Mine operatives, n.e.c	5 765	5 646	30	25	5	-	89	-
Packers and wrappers, except produce	1 589	1 353	225	225	-	-	5	6
Painters, manufactured articles	995	868	56	29	6	21	71	-
Precision machine operatives	3 082	2 831	203	203	-	-	48	-
Sawyers	675	606	30	30	-	-	39	-
Stationary firemen	647	407	236	69	65	102	4	-
Textile operatives	329	329	-	-	-	-	-	-
Welders and flamecutters	8 874	7 650	547	383	104	60	672	5
Other metalworking operatives	2 241	2 072	156	146	5	5	13	-
Other specified operatives	10 026	8 767	545	344	96	105	701	13
Miscellaneous and not specified operatives	17 305	15 386	1 504	1 027	158	319	388	27
Occupation:								
Machine operatives, miscellaneous specified	7 042	6 580	403	347	15	41	51	8
Machine operatives, not specified	2 648	2 369	234	148	12	74	45	-
Miscellaneous operatives	5 410	4 488	691	382	110	199	217	14
Not specified operatives	2 205	1 949	176	150	21	5	75	5
Industry:								
Manufacturing	12 535	12 120	269	193	8	68	137	9
Durable goods	7 482	7 150	227	175	4	48	100	5
Wood products, including furniture	453	427	-	-	-	-	21	5
Primary metal industries	875	864	6	-	-	6	5	-
Fabricated metal industries	1 429	1 399	15	-	-	15	15	-
Machinery, including electrical	2 161	2 108	34	16	4	14	19	-
Motor vehicles and equipment	247	247	-	-	-	-	-	-
Transportation equipment, except motor vehicles	904	770	134	125	-	9	-	-
Other durable goods	1 413	1 335	38	34	-	4	40	-
Nondurable goods	5 010	4 936	38	14	4	20	32	4
Food and kindred products	1 327	1 301	11	-	-	11	11	4
Apparel and other fabricated textile products	104	104	-	-	-	-	-	-
Paper and allied products	295	290	5	5	-	-	-	-
Chemicals and allied products	375	367	-	-	-	-	8	-
Other nondurable goods	2 909	2 874	22	9	4	9	13	-
Not specified manufacturing industries	43	34	4	4	-	-	5	-
Nonmanufacturing industries	4 770	3 266	1 235	834	150	251	251	18
Transportation, communications, and other public utilities	926	800	126	-	5	121	-	-
Wholesale and retail trade	1 209	1 121	9	4	-	5	65	14
All other industries	2 635	1 345	1 100	830	145	125	186	4
Transport equipment operatives	**36 168**	**28 898**	**4 948**	**961**	**1 088**	**2 899**	**2 269**	**53**
Bus drivers	1 909	528	1 345	94	318	933	36	-
Taxicab drivers and chauffeurs	1 130	906	109	39	39	31	115	-
Truck drivers and deliverymen	28 248	23 418	2 923	463	669	1 791	1 859	48
Other transport equipment operatives	4 881	4 046	571	365	62	144	259	5
Laborers, except farm	**35 866**	**28 281**	**6 173**	**1 800**	**1 294**	**3 079**	**1 317**	**95**
Construction laborers	8 769	7 016	1 723	196	524	1 003	16	14
Freight, stock, and material handlers	12 648	10 525	1 995	1 006	59	930	102	26
Other specified laborers	8 411	5 671	1 640	376	535	729	1 065	35
Miscellaneous and not specified laborers	6 038	5 069	815	222	176	417	134	20
Occupation:								
Miscellaneous laborers	1 592	1 202	292	71	31	190	94	4
Not specified laborers	4 446	3 867	523	151	145	227	40	16
Industry:								
Manufacturing	2 294	2 242	37	19	13	5	15	-
Durable goods	1 412	1 375	37	19	13	5	-	-
Wood products, including furniture	189	189	-	-	-	-	-	-
Metal industries	566	561	5	-	5	-	-	-
Machinery, including electrical	138	130	8	-	8	-	-	-
Transportation equipment	193	183	10	10	-	-	-	-
Other durable goods	326	312	14	9	-	5	-	-
Nondurable goods	862	847	-	-	-	-	15	-
Food and kindred products	408	398	-	-	-	-	10	-
Not specified manufacturing industries	20	20	-	-	-	-	-	-
Nonmanufacturing industries	3 744	2 827	778	203	163	412	119	20
Railroads and railway express service	604	575	29	23	6	-	-	-
Transportation, except railroads	165	139	13	5	4	4	13	-
Communications, and utilities and sanitary services	393	136	253	11	-	242	4	-
Wholesale and retail trade	1 180	1 108	-	-	-	-	62	10
All other industries	1 402	869	483	164	153	166	40	10
Farmers and farm managers	**28 938**	**724**	**71**	**28**	**22**	**21**	**28 115**	**28**
Farm laborers and farm foremen	**12 235**	**10 966**	**432**	**64**	**275**	**93**	**165**	**672**
Paid farm laborers and farm foremen	11 563	10 966	432	64	275	93	165	-
Unpaid family workers	672	-	-	-	-	-	-	672
Service workers, except private household[1]	**41 489**	**21 979**	**16 829**	**2 434**	**4 973**	**9 422**	**2 607**	**74**
Cleaning service workers	15 594	8 662	6 708	1 134	2 234	3 340	208	16
Food service workers	8 135	6 670	992	317	548	127	436	37
Cooks, except private household	3 190	2 749	250	110	106	34	175	16
Busboys and dishwashers	2 153	1 779	359	52	277	30	5	10
Health service workers	1 507	796	688	138	468	82	23	-
Personal service workers	4 669	2 355	540	104	387	49	1 764	10
Protective service workers	8 985	1 674	7 286	569	1 144	5 573	25	-
Firemen, fire protection	2 361	28	2 333	110	-	2 223	-	-
Guards and watchmen	2 636	1 498	1 118	232	582	304	20	-
Policemen and detectives	3 189	127	3 057	164	482	2 411	5	-
Private household workers	**405**	**375**	**-**	**-**	**-**	**-**	**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		
THE STATE—Continued								
Total—Continued								
Female, 16 years old and over	**347 719**	**239 974**	**81 478**	**18 879**	**27 343**	**35 256**	**20 723**	**5 544**
Professional, technical, and kindred workers	**51 788**	**18 843**	**30 444**	**2 540**	**9 360**	**18 544**	**2 345**	**156**
Accountants	2 867	1 982	527	276	184	67	316	42
Computer specialists	352	220	123	81	30	12	9	-
Librarians	1 079	227	852	45	333	474	-	-
Mathematical specialists	92	36	51	14	37	-	5	-
Life and physical scientists	213	102	111	49	50	12	-	-
Registered nurses, dietitians, and therapists	9 209	6 113	2 754	512	899	1 343	304	38
Dietitians	422	208	209	17	79	113	5	-
Registered nurses	8 255	5 631	2 298	465	708	1 125	288	38
Health technologists and technicians	2 008	1 594	397	44	198	155	5	12
Social scientists	187	67	111	19	48	44	9	-
Social and recreation workers	1 968	367	1 589	206	1 091	292	7	5
Teachers: College and university	1 922	327	1 595	21	1 507	67	-	-
Elementary and prekindergarten	15 736	2 328	13 303	365	2 497	10 441	105	-
Secondary	6 286	597	5 689	64	1 089	4 536	-	-
Other teachers	1 507	476	203	50	100	53	822	6
Engineering and science technicians	810	574	216	96	106	14	20	-
Technicians, except health, and engineering and science	330	101	225	117	33	75	4	-
Writers, artists, and entertainers	2 221	1 594	282	115	118	49	322	23
Actors and dancers	65	65	-	-	-	-	-	-
Authors, editors, and reporters	685	500	122	71	42	9	58	5
Other professional, technical, and kindred workers	5 001	2 138	2 416	466	1 040	910	417	30
Managers and administrators, except farm	**15 958**	**7 930**	**2 890**	**993**	**630**	**1 267**	**4 474**	**664**
Buyers, purchasing agents, and sales managers	1 105	862	122	108	10	4	94	27
Restaurant, cafeteria, and bar managers	2 191	810	349	6	77	266	922	110
School administrators	549	159	343	28	134	181	47	-
Other specified managers and administrators	4 185	2 174	1 659	795	193	671	324	28
Managers and administrators, n.e.c., salaried	4 342	3 925	417	56	216	145	-	-
Wholesale and retail trade	1 636	1 625	11	-	-	11	-	-
Managers and administrators, n.e.c., self-employed	3 586	-	-	-	-	-	3 087	499
Wholesale and retail trade	2 267	-	-	-	-	-	1 952	315
Sales workers	**28 151**	**24 444**	**384**	**123**	**190**	**71**	**2 530**	**793**
Demonstrators, hucksters, and peddlers	2 646	2 208	13	-	13	-	421	4
Insurance, real estate agents, and brokers	2 192	1 700	11	-	7	4	437	44
Sales clerks, retail trade	18 248	16 380	112	54	38	20	1 187	569
Salesmen, retail trade	960	762	7	-	7	-	116	75
Other sales workers	4 105	3 394	241	69	125	47	369	101
Clerical and kindred workers	**117 777**	**84 781**	**28 484**	**11 302**	**9 825**	**7 357**	**2 014**	**2 498**
Bank tellers	2 303	2 230	61	41	15	5	7	5
Bookkeepers	18 176	14 447	1 694	462	425	807	933	1 102
Cashiers	9 166	8 098	676	166	229	281	183	209
Counter clerks, except food	1 650	1 387	170	40	117	13	43	50
Enumerators and interviewers	752	104	623	604	11	8	25	-
File clerks	2 196	1 528	664	253	251	160	-	4
Office machine operators	4 865	3 730	1 113	526	443	144	16	6
Bookkeeping and billing machine operators	777	685	92	33	27	32	-	-
Keypunch operators	2 788	2 007	771	396	283	92	10	-
Payroll and timekeeping clerks	847	638	203	113	64	26	-	6
Receptionists	3 651	3 011	532	94	265	173	31	77
Secretaries	30 040	21 522	7 803	1 908	3 823	2 072	234	481
Stenographers	1 974	947	1 011	559	299	153	16	-
Telephone operators	4 439	3 949	459	147	205	107	17	14
Typists	7 871	4 323	3 445	1 441	1 491	513	67	36
Other clerical and kindred workers	29 847	18 867	10 030	4 948	2 187	2 895	442	508
Craftsmen and kindred workers	**6 574**	**4 597**	**1 343**	**1 013**	**189**	**141**	**531**	**103**
Foremen, n.e.c.	1 036	935	91	48	39	4	5	5
Operatives, except transport	**31 179**	**28 133**	**1 653**	**963**	**471**	**219**	**1 178**	**215**
Assemblers	3 368	3 088	270	241	15	14	5	5
Bottling and canning operatives	159	159	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	1 993	1 933	60	30	19	11	-	-
Dressmakers and seamstresses, except factory	1 598	905	47	28	19	-	646	-
Laundry and drycleaning operatives, including ironers	3 612	3 052	367	103	188	76	139	54
Graders and sorters, manufacturing	239	239	-	-	-	-	-	-
Packers and wrappers, except produce	2 845	2 675	121	103	5	13	39	10
Sewers and stitchers	5 808	5 642	88	32	32	24	74	4
Textile operatives	383	363	6	-	6	-	10	4
Other specified operatives	5 558	4 977	266	151	79	36	201	114
Miscellaneous and not specified operatives	5 616	5 100	428	275	108	45	64	24
Manufacturing	4 720	4 536	133	102	5	26	31	20
Durable goods	2 893	2 748	108	86	5	17	22	15
Machinery, including electrical	1 992	1 927	60	42	5	13	-	5
Other durable goods	901	821	48	44	-	4	22	10
Nondurable goods, including not specified manufacturing	1 827	1 788	25	16	-	9	9	5
Food and kindred products	482	471	6	6	-	-	-	5
Apparel and other fabricated textile products	513	504	5	-	-	5	4	-
Nonmanufacturing industries	896	564	295	173	103	19	33	4
Transport equipment operatives	**1 122**	**760**	**276**	**50**	**69**	**157**	**82**	**4**
Laborers, except farm	**2 890**	**2 135**	**504**	**432**	**47**	**25**	**164**	**87**
Farmers and farm managers	**1 380**	**25**	-	-	-	-	**1 349**	**6**
Farm laborers and farm foremen	**1 317**	**781**	**35**	**11**	**13**	**11**	**12**	**489**
Paid farm laborers and farm foremen	828	781	35	11	13	11	12	-
Unpaid family workers	489	-	-	-	-	-	-	489
Service workers, except private household[1]	**75 822**	**53 978**	**15 453**	**1 445**	**6 549**	**7 459**	**5 862**	**529**
Cleaning service workers	7 202	5 506	1 536	276	674	586	130	30
Chambermaids and maids	2 132	1 901	215	10	152	53	16	-
Food service workers	31 022	23 246	6 756	376	2 534	3 846	696	324
Cooks, except private household	11 694	7 186	4 102	168	1 282	2 652	317	89
Waiters and food counter workers	14 136	12 727	967	113	564	290	231	211
Health service workers	18 026	13 703	4 139	360	2 019	1 760	140	44
Nursing aides, orderlies, and attendants	12 716	9 556	3 113	175	1 646	1 292	38	9
Practical nurses	2 908	2 023	783	108	270	405	102	-
Personal service workers	13 477	7 190	1 613	277	941	395	4 594	80
Hairdressers and cosmetologists	8 172	4 394	51	5	35	11	3 680	47
Private household workers	**13 761**	**13 567**	**12**	**7**	-	**5**	**182**	-
Private household workers, living in	491	491	-	-	-	-	-	-
Private household workers, living out	13 270	13 076	12	7	-	5	182	-

[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	**24 840**	**16 670**	**6 753**	**3 222**	**1 353**	**2 178**	**1 399**	**18**
Professional, technical, and kindred workers	**1 697**	**609**	**952**	**317**	**340**	**295**	**136**	**-**
Accountants	55	35	10	10	-	-	10	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	47	30	17	17	-	-	-	-
Engineers	103	49	54	50	4	-	-	-
Aeronautical and astronautical	5	-	5	5	-	-	-	-
Civil	32	19	13	13	-	-	-	-
Electrical and electronic	20	9	11	7	4	-	-	-
Mechanical	7	7	-	-	-	-	-	-
Other engineers	39	14	25	25	-	-	-	-
Lawyers and judges	10	-	10	-	8	2	-	-
Life and physical scientists	13	4	9	4	-	5	-	-
Chemists	9	4	5	-	-	5	-	-
Physicians, dentists, and related practitioners	86	17	20	10	10	-	49	-
Dentists	14	-	-	-	-	-	14	-
Pharmacists	32	11	15	10	5	-	6	-
Physicians, medical and osteopathic	40	6	5	-	5	-	29	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	58	25	33	18	15	-	-	-
Religious workers	146	123	5	-	-	5	18	-
Social scientists	6	-	6	6	-	-	-	-
Social and recreation workers	84	15	69	25	38	6	-	-
Teachers	454	45	401	18	162	221	8	-
College and university	79	-	79	-	79	-	-	-
Elementary and prekindergarten	125	9	112	-	28	84	4	-
Secondary	228	36	192	-	55	137	-	-
Engineering and science technicians	199	106	93	59	27	7	-	-
Draftsmen and surveyors	51	38	13	-	6	7	-	-
Electrical and electronic engineering technicians	73	35	38	38	-	-	-	-
Technicians, except health, and engineering and science	8	-	8	8	-	-	-	-
Airplane pilots	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	133	87	18	13	5	-	28	-
Other professional, technical, and kindred workers	295	73	199	79	71	49	23	-
Managers and administrators, except farm	**903**	**414**	**256**	**104**	**73**	**79**	**220**	**13**
Buyers, purchasing agents, and sales managers	26	22	-	-	-	-	4	-
School administrators	76	13	63	-	13	50	-	-
Specified managers and administrators, public administration	104	-	104	50	29	25	-	-
Other specified managers and administrators	291	163	52	21	27	4	76	-
Managers and administrators, n.e.c., salaried	253	216	37	33	4	-	-	-
Manufacturing	33	33	-	-	-	-	-	-
Wholesale and retail trade	108	104	4	4	-	-	-	-
Transportation, communications and other public utilities	19	19	-	-	-	-	-	-
All other industries	93	60	33	29	4	-	-	-
Managers and administrators, n.e.c., self-employed	153	-	-	-	-	-	140	13
Construction	40	-	-	-	-	-	40	-
Manufacturing	7	-	-	-	-	-	7	-
Wholesale and retail trade	75	-	-	-	-	-	70	5
All other industries	31	-	-	-	-	-	23	8
Sales workers	**400**	**326**	**18**	**18**	**-**	**-**	**51**	**5**
Insurance agents, brokers, and underwriters	51	51	-	-	-	-	-	-
Real estate agents and brokers	22	4	-	-	-	-	18	-
Sales representatives, manufacturing industries	28	23	-	-	-	-	-	5
Sales representatives, wholesale trade	36	36	-	-	-	-	-	-
Sales clerks, retail trade	106	93	5	5	-	-	8	-
Salesmen, retail trade	54	48	-	-	-	-	6	-
Salesmen of services and construction	19	10	9	9	-	-	-	-
Other sales workers	84	61	4	4	-	-	19	-
Clerical and kindred workers	**1 610**	**798**	**808**	**702**	**46**	**60**	**4**	**-**
Bank tellers and cashiers	61	57	-	-	-	-	4	-
Bookkeepers and billing clerks	35	10	25	25	-	-	-	-
Mail handlers and postal clerks	329	49	280	280	-	-	-	-
Other clerical and kindred workers	1 185	682	503	397	46	60	-	-
Craftsmen and kindred workers	**3 737**	**2 519**	**926**	**633**	**90**	**203**	**292**	**-**
Apparel craftsmen and upholsterers	31	17	-	-	-	-	14	-
Bakers	38	38	-	-	-	-	-	-
Cabinetmakers	25	16	9	-	4	5	-	-
Construction craftsmen	932	590	204	104	43	57	138	-
Carpenters	207	137	39	24	10	5	31	-
Excavating, grading, and road machine operators	120	46	74	5	24	45	-	-
Electricians	53	7	33	33	-	-	13	-
Masons and tile setters	155	105	9	9	-	-	41	-
Painters, construction and maintenance, and paperhangers	106	60	33	22	4	7	13	-
Plasterers and cement finishers	177	166	6	6	-	-	5	-
Plumbers and pipe fitters	89	54	10	5	5	-	25	-
Other construction craftsmen	25	15	-	-	-	-	10	-
Foremen, n.e.c	204	168	36	20	-	16	-	-
Manufacturing	82	77	5	-	-	5	-	-
Nonmanufacturing industries	122	91	31	20	-	11	-	-
Linemen and servicemen, telephone and power	69	69	-	-	-	-	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	1 407	932	414	362	9	43	61	-
Air conditioning, heating, and refrigeration	40	18	22	13	5	4	-	-
Aircraft	321	129	192	187	-	5	-	-
Automobile, including body	660	554	50	34	-	16	56	-
Radio and television	56	14	42	42	-	-	-	-
Other mechanics and repairmen	330	217	108	86	4	18	5	-
Metal craftsmen, except mechanics	222	143	79	74	5	-	-	-
Machinists and job and die setters	154	123	31	31	-	-	-	-
Sheetmetal workers and tinsmiths	47	4	43	43	-	-	-	-
Tool and die makers	2	-	2	-	2	-	-	-
Other metal craftsmen	19	16	3	-	3	-	-	-
Printing craftsmen	55	32	17	-	17	-	6	-
Compositors and typesetters	37	20	17	-	17	-	-	-
Pressmen and plate printers, printing	18	12	-	-	-	-	6	-
Stationary engineers and power station operators	89	53	36	6	4	26	-	-
Other craftsmen and kindred workers	665	461	131	67	8	56	73	-

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	**3 901**	**3 438**	**443**	**349**	**26**	**68**	**20**	-
Assemblers	186	143	43	39	-	4	-	-
Checkers, examiners, and inspectors; manufacturing	84	73	11	11	-	-	-	-
Garage workers and gas station attendants	385	379	-	-	-	-	6	-
Laundry and drycleaning operatives, n.e.c	152	133	14	-	14	-	5	-
Meat cutters and butchers	235	225	10	10	-	-	-	-
Mine operatives, n.e.c	59	59	-	-	-	-	-	-
Packers and wrappers, except produce	138	80	58	58	-	-	-	-
Painters, manufactured articles	113	87	26	10	-	16	-	-
Precision machine operatives	117	105	12	12	-	-	-	-
Sawyers	28	28	-	-	-	-	-	-
Stationary firemen	16	9	7	4	3	-	-	-
Textile operatives	28	28	-	-	-	-	-	-
Welders and flamecutters	262	236	26	26	-	-	-	-
Other metalworking operatives	145	131	14	14	-	-	-	-
Other specified operatives	769	711	55	42	5	8	3	-
Miscellaneous and not specified operatives	1 184	1 011	167	123	4	40	6	-
Occupation:								
Machine operatives, miscellaneous specified	501	456	45	27	-	18	-	-
Machine operatives, not specified	150	125	25	25	-	-	-	-
Miscellaneous operatives	362	281	75	49	4	22	6	-
Not specified operatives	171	149	22	22	-	-	-	-
Industry:								
Manufacturing	817	784	33	14	4	15	-	-
Durable goods	613	586	27	14	4	9	-	-
Wood products, including furniture	22	22	-	-	-	-	-	-
Primary metal industries	73	73	-	-	-	-	-	-
Fabricated metal industries	74	74	-	-	-	-	-	-
Machinery, including electrical	191	182	9	-	4	5	-	-
Motor vehicles and equipment	26	26	-	-	-	-	-	-
Transportation equipment, except motor vehicles	74	60	14	14	-	-	-	-
Other durable goods	153	149	4	-	-	4	-	-
Nondurable goods	200	194	6	-	-	6	-	-
Food and kindred products	96	96	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Paper and allied products	6	6	-	-	-	-	-	-
Chemicals and allied products	-	-	-	-	-	-	-	-
Other nondurable goods	98	92	6	-	-	6	-	-
Not specified manufacturing industries	4	4	-	-	-	-	-	-
Nonmanufacturing industries	367	227	134	109	-	25	6	-
Transportation, communications, and other public utilities	56	56	-	-	-	-	-	-
Wholesale and retail trade	80	74	-	-	-	-	6	-
All other industries	231	97	134	109	-	25	-	-
Transport equipment operatives	**1 923**	**1 215**	**596**	**140**	**80**	**376**	**112**	-
Bus drivers	157	18	135	17	18	100	4	-
Taxicab drivers and chauffeurs	156	141	10	10	-	-	5	-
Truck drivers and deliverymen	1 265	823	387	65	59	263	55	-
Other transport equipment operatives	345	233	64	48	3	13	48	-
Laborers, except farm	**4 258**	**3 051**	**1 076**	**407**	**109**	**560**	**131**	-
Construction laborers	1 043	877	166	22	43	101	-	-
Freight, stock, and material handlers	1 104	542	550	237	4	309	12	-
Other specified laborers	1 405	1 090	207	96	26	85	108	-
Miscellaneous and not specified laborers	706	542	153	52	36	65	11	-
Occupation:								
Miscellaneous laborers	197	137	55	11	6	38	5	-
Not specified laborers	509	405	98	41	30	27	6	-
Industry:								
Manufacturing	298	281	17	4	13	-	-	-
Durable goods	202	185	17	4	13	-	-	-
Wood products, including furniture	32	32	-	-	-	-	-	-
Metal industries	84	79	5	-	5	-	-	-
Machinery, including electrical	13	5	8	-	8	-	-	-
Transportation equipment	32	28	4	4	-	-	-	-
Other durable goods	41	41	-	-	-	-	-	-
Nondurable goods	87	87	-	-	-	-	-	-
Food and kindred products	37	37	-	-	-	-	-	-
Not specified manufacturing industries	9	9	-	-	-	-	-	-
Nonmanufacturing industries	408	261	136	48	23	65	11	-
Railroads and railway express service	82	71	11	5	6	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	53	12	41	-	-	41	-	-
Wholesale and retail trade	98	87	-	-	-	-	11	-
All other industries	175	91	84	43	17	24	-	-
Farmers and farm managers	**297**	**9**	-	-	-	-	**288**	-
Farm laborers and farm foremen	**646**	**609**	**16**	-	**16**	-	**21**	-
Paid farm laborers and farm foremen	646	609	16	-	16	-	21	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**5 320**	**3 539**	**1 662**	**552**	**573**	**537**	**119**	-
Cleaning service workers	2 961	1 916	1 036	327	350	359	9	-
Food service workers	1 156	950	184	107	57	20	22	-
Cooks, except private household	426	362	55	40	15	-	9	-
Busboys and dishwashers	341	287	54	15	28	11	-	-
Health service workers	161	49	108	40	50	18	4	-
Personal service workers	289	177	36	24	12	-	76	-
Protective service workers	243	49	194	25	37	132	-	-
Firemen, fire protection	20	-	20	-	-	20	-	-
Guards and watchmen	111	49	62	18	30	14	-	-
Policemen and detectives	90	-	90	-	7	83	-	-
Private household workers	**148**	**143**	-	-	-	-	**5**	-

[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	**23 027**	**16 324**	**6 228**	**1 767**	**2 368**	**2 093**	**435**	**40**
Professional, technical, and kindred workers	**2 688**	**681**	**1 971**	**232**	**619**	**1 120**	**36**	**-**
Accountants	49	29	20	15	5	-	-	-
Computer specialists	4	-	4	4	-	-	-	-
Librarians	98	14	84	11	44	29	-	-
Mathematical specialists	9	5	4	4	-	-	-	-
Life and physical scientists	7	-	7	2	5	-	-	-
Registered nurses, dietitians, and therapists	388	214	161	38	61	62	13	-
Dietitians	71	54	17	-	13	4	-	-
Registered nurses	291	140	144	38	48	58	7	-
Health technologists and technicians	129	96	33	6	27	-	-	-
Social scientists	17	17	-	-	-	-	-	-
Social and recreation workers	222	17	198	32	94	72	7	-
Teachers: College and university	119	-	119	5	114	-	-	-
Elementary and prekindergarten	913	121	792	38	125	629	-	-
Secondary	334	29	305	5	75	225	-	-
Other teachers	14	10	4	-	-	4	-	-
Engineering and science technicians	53	26	27	8	19	-	-	-
Technicians, except health, and engineering and science	10	-	10	10	-	-	-	-
Writers, artists, and entertainers	40	20	20	3	8	9	-	-
Actors and dancers	-	-	-	-	-	-	-	-
Authors, editors, and reporters	12	-	12	3	-	9	-	-
Other professional, technical, and kindred workers	282	83	183	51	42	90	16	-
Managers and administrators, except farm	**364**	**135**	**112**	**71**	**15**	**26**	**112**	**5**
Buyers, purchasing agents, and sales managers	18	9	9	9	-	-	-	-
Restaurant, cafeteria, and bar managers	89	30	11	-	-	11	48	-
School administrators	27	-	16	4	4	8	11	-
Other specified managers and administrators	126	44	57	46	11	-	25	-
Managers and administrators, n.e.c., salaried	71	52	19	12	-	7	-	-
Wholesale and retail trade	28	28	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	33	-	-	-	-	-	28	5
Wholesale and retail trade	33	-	-	-	-	-	28	5
Sales workers	**413**	**379**	**15**	**5**	**7**	**3**	**19**	**-**
Demonstrators, hucksters, and peddlers	25	25	-	-	-	-	-	-
Insurance, real estate agents, and brokers	20	15	-	-	-	-	5	-
Sales clerks, retail trade	264	245	5	5	-	-	14	-
Salesmen, retail trade	5	5	-	-	-	-	-	-
Other sales workers	99	89	10	-	7	3	-	-
Clerical and kindred workers	**3 441**	**1 791**	**1 645**	**763**	**564**	**318**	**-**	**5**
Bank tellers	39	29	10	10	-	-	-	-
Bookkeepers	127	85	42	20	6	16	-	-
Cashiers	221	187	29	13	3	13	-	5
Counter clerks, except food	86	67	19	-	19	-	-	-
Enumerators and interviewers	15	-	15	15	-	-	-	-
File clerks	120	59	61	19	30	12	-	-
Office machine operators	176	123	53	40	9	4	-	-
Bookkeeping and billing machine operators	13	9	4	4	-	-	-	-
Keypunch operators	123	80	43	30	9	4	-	-
Payroll and timekeeping clerks	13	8	5	-	-	5	-	-
Receptionists	107	44	63	10	44	9	-	-
Secretaries	426	206	220	40	109	71	-	-
Stenographers	36	10	26	22	4	-	-	-
Telephone operators	226	199	27	17	10	-	-	-
Typists	441	142	299	86	148	65	-	-
Other clerical and kindred workers	1 408	632	776	471	182	123	-	-
Craftsmen and kindred workers	**328**	**198**	**125**	**93**	**8**	**24**	**-**	**5**
Foremen, n.e.c.	27	27	-	-	-	-	-	-
Operatives, except transport	**2 383**	**2 106**	**254**	**149**	**83**	**22**	**23**	**-**
Assemblers	304	280	24	15	6	3	-	-
Bottling and canning operatives	5	5	-	-	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	73	66	7	-	-	7	-	-
Dressmakers and seamstresses, except factory	54	31	-	-	-	-	23	-
Laundry and drycleaning operatives, including ironers	482	430	52	18	34	-	-	-
Graders and sorters, manufacturing	14	14	-	-	-	-	-	-
Packers and wrappers, except produce	112	95	17	17	-	-	-	-
Sewers and stitchers	228	212	16	6	10	-	-	-
Textile operatives	30	30	-	-	-	-	-	-
Other specified operatives	598	520	78	48	23	7	-	-
Miscellaneous and not specified operatives	483	423	60	45	10	5	-	-
Manufacturing	382	375	7	7	-	-	-	-
Durable goods	284	277	7	7	-	-	-	-
Machinery, including electrical	257	250	7	7	-	-	-	-
Other durable goods	27	27	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	98	98	-	-	-	-	-	-
Food and kindred products	45	45	-	-	-	-	-	-
Apparel and other fabricated textile products	32	32	-	-	-	-	-	-
Nonmanufacturing industries	101	48	53	38	10	5	-	-
Transport equipment operatives	**47**	**36**	**11**	**-**	**-**	**11**	**-**	**-**
Laborers, except farm	**302**	**235**	**63**	**63**	**-**	**-**	**4**	**-**
Farmers and farm managers	**6**	**-**	**-**	**-**	**-**	**-**	**6**	**-**
Farm laborers and farm foremen	**37**	**26**	**-**	**-**	**-**	**-**	**-**	**11**
Paid farm laborers and farm foremen	26	26	-	-	-	-	-	-
Unpaid family workers	11	-	-	-	-	-	-	11
Service workers, except private household[1]	**7 669**	**5 400**	**2 020**	**384**	**1 072**	**564**	**235**	**14**
Cleaning service workers	1 709	1 287	417	95	242	80	5	-
Chambermaids and maids	634	564	70	-	57	13	-	-
Food service workers	2 113	1 615	459	75	240	144	31	8
Cooks, except private household	1 063	801	240	23	126	91	22	-
Waiters and food counter workers	535	431	96	32	53	11	-	8
Health service workers	2 236	1 568	654	89	389	176	14	-
Nursing aides, orderlies, and attendants	1 742	1 269	467	41	294	132	6	-
Practical nurses	344	204	132	31	69	32	8	-
Personal service workers	832	351	308	49	186	73	167	6
Hairdressers and cosmetologists	286	145	9	-	9	-	132	-
Private household workers	**5 349**	**5 337**	**12**	**7**	**-**	**5**	**-**	**-**
Private household workers, living in	122	122	-	-	-	-	-	-
Private household workers, living out	5 227	5 215	12	7	-	5	-	-

[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	**6 963**	**5 210**	**1 250**	**552**	**357**	**341**	**503**	-
Professional, technical, and kindred workers	**1 049**	**573**	**367**	**115**	**178**	**74**	**109**	-
Accountants	107	51	37	24	13	-	19	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	35	13	22	13	9	-	-	-
Engineers	141	99	42	28	14	-	-	-
Aeronautical and astronautical	27	14	13	13	-	-	-	-
Civil	22	8	14	-	14	-	-	-
Electrical and electronic	26	19	7	7	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-
Other engineers	66	58	8	8	-	-	-	-
Lawyers and judges	50	24	-	-	-	-	26	-
Life and physical scientists	37	19	7	-	7	-	11	-
Chemists	20	13	7	-	7	-	-	-
Physicians, dentists, and related practitioners	71	32	13	-	13	-	26	-
Dentists	6	-	-	-	-	-	6	-
Pharmacists	5	5	-	-	-	-	-	-
Physicians, medical and osteopathic	60	27	13	-	13	-	20	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	43	28	15	-	8	7	-	-
Religious workers	27	27	-	-	-	-	-	-
Social scientists	25	18	-	-	-	-	7	-
Social and recreation workers	28	7	13	-	-	13	8	-
Teachers	157	27	130	5	87	38	-	-
College and university	81	14	67	-	67	-	-	-
Elementary and prekindergarten	28	6	22	-	7	15	-	-
Secondary	36	-	36	-	13	23	-	-
Engineering and science technicians	158	128	30	13	13	4	-	-
Draftsmen and surveyors	103	80	23	6	13	4	-	-
Electrical and electronic engineering technicians	41	41	-	-	-	-	-	-
Technicians, except health, and engineering and science	30	-	25	18	-	7	5	-
Airplane pilots	5	-	-	-	-	-	5	-
Writers, artists, and entertainers	80	73	-	-	-	-	7	-
Other professional, technical, and kindred workers	60	27	33	14	14	5	-	-
Managers and administrators, except farm	**650**	**458**	**71**	**11**	**32**	**28**	**121**	-
Buyers, purchasing agents, and sales managers	78	75	3	3	-	-	-	-
School administrators	17	6	11	-	-	11	-	-
Specified managers and administrators, public administration	32	-	32	8	18	6	-	-
Other specified managers and administrators	186	131	14	-	14	-	41	-
Managers and administrators, n.e.c., salaried	257	246	11	-	-	11	-	-
Manufacturing	13	13	-	-	-	-	-	-
Wholesale and retail trade	132	132	-	-	-	-	-	-
Transportation, communications and other public utilities	36	25	11	-	-	11	-	-
All other industries	76	76	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	80	-	-	-	-	-	80	-
Construction	-	-	-	-	-	-	-	-
Manufacturing	16	-	-	-	-	-	16	-
Wholesale and retail trade	45	-	-	-	-	-	45	-
All other industries	19	-	-	-	-	-	19	-
Sales workers	**289**	**289**	-	-	-	-	-	-
Insurance agents, brokers, and underwriters	30	30	-	-	-	-	-	-
Real estate agents and brokers	-	-	-	-	-	-	-	-
Sales representatives, manufacturing industries	44	44	-	-	-	-	-	-
Sales representatives, wholesale trade	90	90	-	-	-	-	-	-
Sales clerks, retail trade	55	55	-	-	-	-	-	-
Salesmen, retail trade	49	49	-	-	-	-	-	-
Salesmen of services and construction	6	6	-	-	-	-	-	-
Other sales workers	15	15	-	-	-	-	-	-
Clerical and kindred workers	**500**	**278**	**222**	**179**	**18**	**25**	-	-
Bank tellers and cashiers	13	13	-	-	-	-	-	-
Bookkeepers and billing clerks	26	-	26	18	8	-	-	-
Mail handlers and postal clerks	40	-	40	40	-	-	-	-
Other clerical and kindred workers	421	265	156	121	10	25	-	-
Craftsmen and kindred workers	**1 418**	**1 054**	**257**	**160**	**50**	**47**	**107**	-
Apparel craftsmen and upholsterers	41	41	-	-	-	-	-	-
Bakers	19	19	-	-	-	-	-	-
Cabinetmakers	-	-	-	-	-	-	-	-
Construction craftsmen	415	280	74	30	22	22	61	-
Carpenters	134	99	21	21	-	-	14	-
Excavating, grading, and road machine operators	26	20	6	-	-	6	-	-
Electricians	89	53	22	-	22	-	14	-
Masons and tile setters	28	15	-	-	-	-	13	-
Painters, construction and maintenance, and paperhangers	52	30	9	9	-	-	13	-
Plasterers and cement finishers	29	20	9	-	-	9	-	-
Plumbers and pipe fitters	21	7	7	-	-	7	7	-
Other construction craftsmen	36	36	-	-	-	-	-	-
Foremen, n.e.c	119	110	9	9	-	-	-	-
Manufacturing	50	50	-	-	-	-	-	-
Nonmanufacturing industries	69	60	9	9	-	-	-	-
Linemen and servicemen, telephone and power	24	24	-	-	-	-	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	448	319	105	95	-	10	24	-
Air conditioning, heating, and refrigeration	26	11	15	15	-	-	-	-
Aircraft	119	63	56	56	-	-	-	-
Automobile, including body	135	112	5	-	-	5	18	-
Radio and television	23	17	-	-	-	-	6	-
Other mechanics and repairmen	145	116	29	24	-	5	-	-
Metal craftsmen, except mechanics	72	59	13	13	-	-	-	-
Machinists and job and die setters	42	29	13	13	-	-	-	-
Sheetmetal workers and tinsmiths	7	7	-	-	-	-	-	-
Tool and die makers	-	-	-	-	-	-	-	-
Other metal craftsmen	23	23	-	-	-	-	-	-
Printing craftsmen	43	37	6	6	-	-	-	-
Compositors and typesetters	19	13	6	6	-	-	-	-
Pressmen and plate printers, printing	24	24	-	-	-	-	-	-
Stationary engineers and power station operators	25	8	17	7	10	-	-	-
Other craftsmen and kindred workers	212	157	33	-	18	15	22	-

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	**1 036**	**962**	**38**	**29**	**9**	**–**	**36**	**–**
Assemblers	29	29	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	24	24	–	–	–	–	–	–
Garage workers and gas station attendants	80	68	7	7	–	–	5	–
Laundry and drycleaning operatives, n.e.c	20	12	–	–	–	–	8	–
Meat cutters and butchers	104	104	–	–	–	–	–	–
Mine operatives, n.e.c	67	67	–	–	–	–	–	–
Packers and wrappers, except produce	27	17	10	10	–	–	–	–
Painters, manufactured articles	16	16	–	–	–	–	–	–
Precision machine operatives	60	60	–	–	–	–	–	–
Sawyers	14	14	–	–	–	–	–	–
Stationary firemen	6	6	–	–	–	–	–	–
Textile operatives	12	12	–	–	–	–	–	–
Welders and flamecutters	144	128	9	–	9	–	7	–
Other metalworking operatives	45	45	–	–	–	–	–	–
Other specified operatives	128	121	–	–	–	–	7	–
Miscellaneous and not specified operatives	260	239	12	12	–	–	9	–
Occupation:								
Machine operatives, miscellaneous specified	78	78	–	–	–	–	–	–
Machine operatives, not specified	25	19	6	6	–	–	–	–
Miscellaneous operatives	106	91	6	6	–	–	9	–
Not specified operatives	51	51	–	–	–	–	–	–
Industry:								
Manufacturing	165	153	12	12	–	–	–	–
Durable goods	93	87	6	6	–	–	–	–
Wood products, including furniture	–	–	–	–	–	–	–	–
Primary metal industries	4	4	–	–	–	–	–	–
Fabricated metal industries	23	23	–	–	–	–	–	–
Machinery, including electrical	15	15	–	–	–	–	–	–
Motor vehicles and equipment	21	21	–	–	–	–	–	–
Transportation equipment, except motor vehicles	30	24	6	6	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–
Nondurable goods	72	66	6	6	–	–	–	–
Food and kindred products	41	41	–	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–
Paper and allied products	8	8	–	–	–	–	–	–
Chemicals and allied products	–	–	–	–	–	–	–	–
Other nondurable goods	23	17	6	6	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	95	86	–	–	–	–	9	–
Transportation, communications, and other public utilities	23	23	–	–	–	–	–	–
Wholesale and retail trade	32	32	–	–	–	–	–	–
All other industries	40	31	–	–	–	–	9	–
Transport equipment operatives	**362**	**310**	**40**	**14**	**–**	**26**	**12**	**–**
Bus drivers	–	–	–	–	–	–	–	–
Taxicab drivers and chauffeurs	–	–	–	–	–	–	–	–
Truck drivers and deliverymen	304	266	26	–	–	26	12	–
Other transport equipment operatives	58	44	14	14	–	–	–	–
Laborers, except farm	**689**	**590**	**88**	**25**	**7**	**56**	**11**	**–**
Construction laborers	173	152	21	–	–	21	–	–
Freight, stock, and material handlers	250	219	31	18	–	13	–	–
Other specified laborers	126	93	22	–	7	15	11	–
Miscellaneous and not specified laborers	140	126	14	7	–	7	–	–
Occupation:								
Miscellaneous laborers	79	79	–	–	–	–	–	–
Not specified laborers	61	47	14	7	–	7	–	–
Industry:								
Manufacturing	15	15	–	–	–	–	–	–
Durable goods	11	11	–	–	–	–	–	–
Wood products, including furniture	–	–	–	–	–	–	–	–
Metal industries	11	11	–	–	–	–	–	–
Machinery, including electrical	–	–	–	–	–	–	–	–
Transportation equipment	–	–	–	–	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–
Nondurable goods	4	4	–	–	–	–	–	–
Food and kindred products	4	4	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	125	111	14	7	–	7	–	–
Railroads and railway express service	73	73	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–
Wholesale and retail trade	18	18	–	–	–	–	–	–
All other industries	34	20	14	7	–	7	–	–
Farmers and farm managers	**77**	**–**	**–**	**–**	**–**	**–**	**77**	**–**
Farm laborers and farm foremen	**298**	**291**	**7**	**–**	**7**	**–**	**–**	**–**
Paid farm laborers and farm foremen	298	291	7	–	7	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**590**	**400**	**160**	**19**	**56**	**85**	**30**	**–**
Cleaning service workers	152	95	57	13	14	30	–	–
Food service workers	208	188	12	–	12	–	8	–
Cooks, except private household	96	96	–	–	–	–	–	–
Busboys and dishwashers	47	35	12	–	12	–	–	–
Health service workers	14	6	8	–	8	–	–	–
Personal service workers	87	70	6	–	6	–	11	–
Protective service workers	82	–	71	6	10	55	11	–
Firemen, fire protection	41	–	41	–	–	41	–	–
Guards and watchmen	10	–	10	–	10	–	–	–
Policemen and detectives	31	–	20	6	–	14	11	–
Private household workers	**5**	**5**	**–**	**–**	**–**	**–**	**–**	**–**

[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	3 618	2 648	802	243	209	350	154	14
Professional, technical, and kindred workers	585	297	235	4	49	182	53	-
Accountants	41	37	-	-	-	-	4	-
Computer specialists	-	-	-	-	-	-	-	-
Librarians	-	-	-	-	-	-	-	-
Mathematical specialists	-	-	-	-	-	-	-	-
Life and physical scientists	5	5	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	134	77	37	-	15	22	20	-
Dietitians	-	-	-	-	-	-	-	-
Registered nurses	124	77	37	-	15	22	10	-
Health technologists and technicians	24	24	-	-	-	-	-	-
Social scientists	-	-	-	-	-	-	-	-
Social and recreation workers	7	-	7	-	7	-	-	-
Teachers: College and university	13	6	7	-	7	-	-	-
Elementary and prekindergarten	120	27	93	-	13	80	-	-
Secondary	105	25	80	-	-	80	-	-
Other teachers	9	-	-	-	-	-	9	-
Engineering and science technicians	16	16	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	54	54	-	-	-	-	-	-
Actors and dancers	-	-	-	-	-	-	-	-
Authors, editors, and reporters	10	10	-	-	-	-	-	-
Other professional, technical, and kindred workers	57	26	11	4	7	-	20	-
Managers and administrators, except farm	106	78	7	7	-	-	21	-
Buyers, purchasing agents, and sales managers	-	-	-	-	-	-	-	-
Restaurant, cafeteria, and bar managers	37	23	-	-	-	-	14	-
School administrators	-	-	-	-	-	-	-	-
Other specified managers and administrators	41	34	7	7	-	-	-	-
Managers and administrators, n.e.c., salaried	21	21	-	-	-	-	-	-
Wholesale and retail trade	8	8	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	7	-	-	-	-	-	7	-
Wholesale and retail trade	7	-	-	-	-	-	7	-
Sales workers	234	211	7	7	-	-	16	-
Demonstrators, hucksters, and peddlers	23	15	-	-	-	-	8	-
Insurance, real estate agents, and brokers	13	13	-	-	-	-	-	-
Sales clerks, retail trade	156	141	7	7	-	-	8	-
Salesmen, retail trade	-	-	-	-	-	-	-	-
Other sales workers	42	42	-	-	-	-	-	-
Clerical and kindred workers	1 124	803	314	150	105	59	-	7
Bank tellers	20	20	-	-	-	-	-	-
Bookkeepers	114	107	7	7	-	-	-	-
Cashiers	77	77	-	-	-	-	-	-
Counter clerks, except food	13	6	7	-	7	-	-	-
Enumerators and interviewers	7	-	7	7	-	-	-	-
File clerks	27	16	11	5	6	-	-	-
Office machine operators	46	46	-	-	-	-	-	-
Bookkeeping and billing machine operators	6	6	-	-	-	-	-	-
Keypunch operators	34	34	-	-	-	-	-	-
Payroll and timekeeping clerks	-	-	-	-	-	-	-	-
Receptionists	35	29	6	-	-	6	-	-
Secretaries	309	197	112	52	52	8	-	-
Stenographers	56	13	43	27	7	9	-	-
Telephone operators	33	33	-	-	-	-	-	-
Typists	87	76	11	6	-	5	-	-
Other clerical and kindred workers	300	183	110	46	33	31	-	7
Craftsmen and kindred workers	55	38	11	11	-	-	6	-
Foremen, n.e.c.	-	-	-	-	-	-	-	-
Operatives, except transport	385	354	26	17	-	9	5	-
Assemblers	5	5	-	-	-	-	-	-
Bottling and canning operatives	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	19	19	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	18	13	-	-	-	-	5	-
Laundry and drycleaning operatives, including ironers	79	65	14	5	-	9	-	-
Graders and sorters, manufacturing	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	37	37	-	-	-	-	-	-
Sewers and stitchers	99	93	6	6	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Other specified operatives	72	72	-	-	-	-	-	-
Miscellaneous and not specified operatives	56	50	6	6	-	-	-	-
Manufacturing	52	46	6	6	-	-	-	-
Durable goods	37	31	6	6	-	-	-	-
Machinery, including electrical	31	31	-	-	-	-	-	-
Other durable goods	6	-	6	6	-	-	-	-
Nondurable goods, including not specified manufacturing	15	15	-	-	-	-	-	-
Food and kindred products	-	-	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Nonmanufacturing industries	4	4	-	-	-	-	-	-
Transport equipment operatives	9	-	9	-	-	9	-	-
Laborers, except farm	25	19	6	6	-	-	-	-
Farmers and farm managers	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	24	17	-	-	-	-	-	7
Paid farm laborers and farm foremen	17	17	-	-	-	-	-	-
Unpaid family workers	7	-	-	-	-	-	-	7
Service workers, except private household[1]	1 029	794	187	41	55	91	48	-
Cleaning service workers	122	80	42	14	6	22	-	-
Chambermaids and maids	49	49	-	-	-	-	-	-
Food service workers	425	355	63	11	25	27	7	-
Cooks, except private household	93	71	22	11	-	11	-	-
Waiters and food counter workers	222	216	6	-	6	-	-	-
Health service workers	283	243	40	-	17	23	-	-
Nursing aides, orderlies, and attendants	195	163	32	-	9	23	-	-
Practical nurses	54	46	8	-	8	-	-	-
Personal service workers	133	74	21	8	7	6	38	-
Hairdressers and cosmetologists	68	37	-	-	-	-	31	-
Private household workers	42	37	-	-	-	-	5	-
Private household workers, living in	6	6	-	-	-	-	-	-
Private household workers, living out	36	31	-	-	-	-	5	-

[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		
OKLAHOMA CITY SMSA								
Total								
Male, 16 years old and over	**157 793**	**103 668**	**39 032**	**23 082**	**8 103**	**7 847**	**14 863**	**230**
Professional, technical, and kindred workers	**26 730**	**12 378**	**11 678**	**5 745**	**4 125**	**1 808**	**2 662**	**12**
Accountants	2 597	1 643	675	373	272	30	279	-
Architects	231	162	12	5	7	-	57	-
Computer specialists	840	381	448	268	155	25	11	-
Engineers	4 671	2 733	1 813	1 494	269	50	125	-
Aeronautical and astronautical	231	103	128	128	-	-	-	-
Civil	818	347	451	226	195	30	20	-
Electrical and electronic	1 107	672	418	403	10	5	17	-
Mechanical	343	218	115	92	18	5	10	-
Other engineers	2 172	1 393	701	645	46	10	78	-
Lawyers and judges	1 278	374	220	30	135	55	684	-
Life and physical scientists	934	524	257	144	102	11	153	-
Chemists	188	71	110	64	35	11	7	-
Physicians, dentists, and related practitioners	1 877	771	362	119	243	-	744	-
Dentists	235	32	14	11	3	-	189	-
Pharmacists	443	345	26	17	9	-	72	-
Physicians, medical and osteopathic	1 030	368	313	82	231	-	349	-
Other related practitioners	169	26	9	9	-	-	134	-
Health technologists and technicians	457	212	235	106	83	46	10	-
Religious workers	777	631	10	10	-	-	136	-
Social scientists	248	122	121	46	60	15	5	-
Social and recreation workers	367	103	260	51	136	73	4	-
Teachers	3 614	545	3 012	331	1 523	1 158	57	-
College and university	1 517	248	1 269	34	1 202	33	-	-
Elementary and prekindergarten	463	71	392	16	83	293	-	-
Secondary	1 185	106	1 079	28	219	832	-	-
Engineering and science technicians	2 800	1 411	1 342	986	296	60	41	6
Draftsmen and surveyors	1 069	751	277	74	168	35	41	-
Electrical and electronic engineering technicians	1 133	351	782	737	31	14	-	-
Technicians, except health, and engineering and science	1 013	181	828	719	50	59	4	-
Airplane pilots	137	69	68	46	22	-	-	-
Writers, artists, and entertainers	1 866	1 269	374	139	196	39	223	-
Other professional, technical, and kindred workers	3 160	1 316	1 709	924	598	187	129	6
Managers and administrators, except farm	**22 415**	**14 507**	**3 858**	**2 141**	**883**	**834**	**4 011**	**39**
Buyers, purchasing agents, and sales managers	3 070	2 572	331	249	51	31	167	-
School administrators	600	105	480	-	179	301	15	-
Specified managers and administrators, public administration	2 378	5	2 373	1 686	363	324	-	-
Other specified managers and administrators	3 483	2 703	299	152	97	50	481	-
Managers and administrators, n.e.c., salaried	9 497	9 122	375	54	193	128	-	-
Manufacturing	1 465	1 459	6	6	-	-	-	-
Wholesale and retail trade	3 466	3 441	25	13	-	12	-	-
Transportation, communications and other public utilities	899	851	48	-	6	42	-	-
All other industries	3 667	3 371	296	35	187	74	-	-
Managers and administrators, n.e.c., self-employed	3 387	-	-	-	-	-	3 348	39
Construction	726	-	-	-	-	-	726	-
Manufacturing	223	-	-	-	-	-	213	10
Wholesale and retail trade	1 508	-	-	-	-	-	1 492	16
All other industries	930	-	-	-	-	-	917	13
Sales workers	**13 123**	**11 416**	**173**	**107**	**36**	**30**	**1 529**	**5**
Insurance agents, brokers, and underwriters	1 688	1 479	-	-	-	-	209	-
Real estate agents and brokers	610	261	25	20	5	-	324	-
Sales representatives, manufacturing industries	1 411	1 358	-	-	-	-	53	-
Sales representatives, wholesale trade	2 909	2 668	-	-	-	-	241	-
Sales clerks, retail trade	2 652	2 427	20	8	6	6	205	-
Salesmen, retail trade	1 632	1 406	6	6	-	-	220	-
Salesmen of services and construction	648	548	45	22	4	19	55	-
Other sales workers	1 573	1 269	77	51	21	5	222	5
Clerical and kindred workers	**14 175**	**8 042**	**5 944**	**4 869**	**793**	**282**	**189**	**-**
Bank tellers and cashiers	807	772	35	4	31	-	-	-
Bookkeepers and billing clerks	967	746	195	129	53	13	26	-
Mail handlers and postal clerks	1 952	228	1 724	1 678	46	-	-	-
Other clerical and kindred workers	10 449	6 296	3 990	3 058	663	269	163	-
Craftsmen and kindred workers	**33 685**	**22 400**	**7 944**	**6 237**	**681**	**1 026**	**3 305**	**36**
Apparel craftsmen and upholsterers	278	160	-	-	-	-	118	-
Bakers	211	189	9	4	5	-	13	-
Cabinetmakers	235	162	10	5	-	5	58	5
Construction craftsmen	8 585	5 782	1 222	648	210	364	1 576	5
Carpenters	2 668	1 829	233	134	47	52	601	5
Excavating, grading, and road machine operators	635	395	165	35	19	111	75	-
Electricians	1 311	744	475	370	39	66	92	-
Masons and tile setters	646	444	14	9	-	5	188	-
Painters, construction and maintenance, and paperhangers	1 209	729	151	70	35	46	329	-
Plasterers and cement finishers	444	381	13	-	-	13	50	-
Plumbers and pipe fitters	1 046	747	154	30	59	65	145	-
Other construction craftsmen	626	513	17	-	11	6	96	-
Foremen, n.e.c	4 523	3 638	805	566	71	168	75	5
Manufacturing	1 604	1 583	16	10	-	6	5	-
Nonmanufacturing industries	2 919	2 055	789	556	71	162	70	5
Linemen and servicemen, telephone and power	1 053	1 023	30	20	-	10	-	-
Locomotive engineers and firemen	112	107	5	5	-	-	-	-
Mechanics and repairmen	10 833	5 863	4 231	3 830	195	206	723	16
Air conditioning, heating, and refrigeration	451	274	100	69	31	-	77	-
Aircraft	2 800	282	2 518	2 479	28	11	-	-
Automobile, including body	3 283	2 679	179	64	55	60	409	16
Radio and television	797	279	428	418	10	-	90	-
Other mechanics and repairmen	3 502	2 349	1 006	800	71	135	147	-
Metal craftsmen, except mechanics	2 533	1 789	677	667	5	5	67	-
Machinists and job and die setters	1 309	906	373	363	5	5	30	-
Sheetmetal workers and tinsmiths	693	434	250	250	-	-	9	-
Tool and die makers	311	246	49	49	-	-	16	-
Other metal craftsmen	220	203	5	5	-	-	12	-
Printing craftsmen	851	674	157	67	80	10	20	-
Compositors and typesetters	377	295	72	34	38	-	10	-
Pressmen and plate printers, printing	336	276	60	23	27	10	-	-
Stationary engineers and power station operators	609	373	229	54	40	135	7	-
Other craftsmen and kindred workers	3 862	2 640	569	371	75	123	648	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		
OKLAHOMA CITY SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**14 707**	**12 123**	**2 068**	**1 761**	**120**	**187**	**492**	**24**
Assemblers	886	734	152	147	5	–	–	–
Checkers, examiners, and inspectors; manufacturing	820	690	130	124	6	–	–	–
Garage workers and gas station attendants	1 552	1 425	28	15	–	13	99	–
Laundry and drycleaning operatives, n.e.c	219	163	5	–	5	–	46	5
Meat cutters and butchers	874	835	33	28	5	–	6	–
Mine operatives, n.e.c.	365	356	–	–	–	–	9	–
Packers and wrappers, except produce	588	407	181	181	–	–	–	–
Painters, manufactured articles	319	266	26	20	6	–	27	–
Precision machine operatives	454	324	120	120	–	–	10	–
Sawyers	107	87	20	20	–	–	–	–
Stationary firemen	135	48	87	20	26	41	–	–
Textile operatives	16	16	–	–	–	–	–	–
Welders and flamecutters	1 739	1 418	277	235	21	21	39	5
Other metalworking operatives	555	437	118	113	–	5	–	–
Other specified operatives	2 358	1 955	213	176	14	23	185	5
Miscellaneous and not specified operatives	3 720	2 962	678	562	32	84	71	9
Occupation:								
Machine operatives, miscellaneous specified	1 403	1 217	172	146	5	21	10	4
Machine operatives, not specified	533	396	132	99	–	33	5	–
Miscellaneous operatives	1 306	962	297	247	20	30	42	5
Not specified operatives	478	387	77	70	7	–	14	–
Industry:								
Manufacturing	2 264	2 179	50	33	4	13	31	4
Durable goods	1 555	1 491	41	24	4	13	23	–
Wood products, including furniture	93	87	–	–	–	–	6	–
Primary metal industries	34	34	–	–	–	–	–	–
Fabricated metal industries	226	226	–	–	–	–	–	–
Machinery, including electrical	876	843	23	10	4	9	10	–
Motor vehicles and equipment	87	87	–	–	–	–	–	–
Transportation equipment, except motor vehicles	88	70	18	14	–	4	–	–
Other durable goods	151	144	–	–	–	–	7	–
Nondurable goods	691	674	5	5	–	–	8	4
Food and kindred products	373	369	–	–	–	–	–	4
Apparel and other fabricated textile products	4	4	–	–	–	–	–	–
Paper and allied products	51	51	–	–	–	–	–	–
Chemicals and allied products	24	24	–	–	–	–	–	–
Other nondurable goods	239	226	5	5	–	–	8	–
Not specified manufacturing industries	18	14	4	4	–	–	–	–
Nonmanufacturing industries	1 456	783	628	529	28	71	40	5
Transportation, communications, and other public utilities	193	167	26	–	5	21	–	–
Wholesale and retail trade	322	308	9	4	–	5	–	5
All other industries	941	308	593	525	23	45	40	–
Transport equipment operatives	**9 873**	**8 469**	**947**	**356**	**117**	**474**	**428**	**29**
Bus drivers	341	178	157	31	18	108	6	–
Taxicab drivers and chauffeurs	277	208	54	21	27	6	15	–
Truck drivers and deliverymen	7 592	6 679	530	153	61	316	359	24
Other transport equipment operatives	1 663	1 404	206	151	11	44	48	5
Laborers, except farm	**8 862**	**6 808**	**1 780**	**863**	**205**	**712**	**269**	**5**
Construction laborers	1 749	1 520	213	31	38	144	16	–
Freight, stock, and material handlers	4 034	3 071	921	611	8	302	37	5
Other specified laborers	1 972	1 352	429	151	123	155	191	–
Miscellaneous and not specified laborers	1 107	865	217	70	36	111	25	–
Occupation:								
Miscellaneous laborers	263	165	78	16	10	52	20	–
Not specified laborers	844	700	139	54	26	59	5	–
Industry:								
Manufacturing	310	300	10	–	5	5	–	–
Durable goods	212	202	10	–	5	5	–	–
Wood products, including furniture	9	9	–	–	–	–	–	–
Metal industries	79	74	5	–	5	–	–	–
Machinery, including electrical	28	28	–	–	–	–	–	–
Transportation equipment	47	47	–	–	–	–	–	–
Other durable goods	49	44	5	–	–	5	–	–
Nondurable goods	98	98	–	–	–	–	–	–
Food and kindred products	72	72	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	797	565	207	70	31	106	25	–
Railroads and railway express service	92	87	5	5	–	–	–	–
Transportation, except railroads	70	56	9	5	–	4	5	–
Communications, and utilities and sanitary services	90	24	66	–	–	66	–	–
Wholesale and retail trade	260	245	–	–	–	–	15	–
All other industries	285	153	127	60	31	36	5	–
Farmers and farm managers	**1 464**	**82**	**25**	**21**	**–**	**4**	**1 357**	**–**
Farm laborers and farm foremen	**866**	**664**	**111**	**28**	**59**	**24**	**15**	**76**
Paid farm laborers and farm foremen	790	664	111	28	59	24	15	–
Unpaid family workers	76	–	–	–	–	–	–	76
Service workers, except private household[1]	**11 794**	**6 698**	**4 504**	**954**	**1 084**	**2 466**	**588**	**4**
Cleaning service workers	4 078	2 347	1 663	402	527	734	68	–
Food service workers	2 723	2 387	241	104	117	20	91	4
Cooks, except private household	1 084	984	65	33	22	10	35	–
Busboys and dishwashers	683	602	77	17	60	–	–	4
Health service workers	509	276	223	44	175	4	10	–
Personal service workers	1 088	636	82	10	67	5	370	–
Protective service workers	2 633	484	2 130	336	161	1 633	19	–
Firemen, fire protection	768	–	768	32	–	736	–	–
Guards and watchmen	737	417	306	168	60	78	14	–
Policemen and detectives	1 027	62	960	126	85	749	5	–
Private household workers	**99**	**81**	**–**	**–**	**–**	**–**	**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		
OKLAHOMA CITY SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**104 283**	**71 985**	**26 687**	**8 592**	**9 401**	**8 694**	**4 511**	**1 100**
Professional, technical, and kindred workers	**16 151**	**6 164**	**9 241**	**1 107**	**3 132**	**5 002**	**713**	**33**
Accountants	1 104	760	269	120	123	26	56	19
Computer specialists	145	76	60	43	13	4	9	-
Librarians	391	82	309	28	151	130	-	-
Mathematical specialists	58	11	42	5	37	-	5	-
Life and physical scientists	121	38	83	34	45	4	-	-
Registered nurses, dietitians, and therapists	2 866	1 790	931	231	385	315	135	10
Dietitians	130	85	45	6	35	4	-	-
Registered nurses	2 563	1 646	783	207	302	274	124	10
Health technologists and technicians	683	518	165	22	104	39	-	-
Social scientists	100	24	67	14	39	14	9	-
Social and recreation workers	599	112	480	43	347	90	7	-
Teachers: College and university	602	101	501	5	474	22	-	-
Elementary and prekindergarten	4 055	753	3 289	63	507	2 719	13	-
Secondary	1 811	166	1 645	18	297	1 330	-	-
Other teachers	472	177	52	-	29	23	243	-
Engineering and science technicians	324	200	104	49	45	10	20	-
Technicians, except health, and engineering and science	167	44	123	94	17	12	-	-
Writers, artists, and entertainers	822	561	145	76	64	5	116	-
Actors and dancers	16	16	-	-	-	-	-	-
Authors, editors, and reporters	240	137	91	65	26	-	12	-
Other professional, technical, and kindred workers	1 831	751	976	262	455	259	100	4
Managers and administrators, except farm	**4 537**	**2 785**	**822**	**407**	**177**	**238**	**817**	**113**
Buyers, purchasing agents, and sales managers	482	400	67	67	-	-	10	5
Restaurant, cafeteria, and bar managers	616	329	77	-	17	60	172	38
School administrators	170	73	84	-	38	46	13	-
Other specified managers and administrators	1 176	677	446	315	35	96	53	-
Managers and administrators, n.e.c., salaried	1 454	1 306	148	25	87	36	-	-
Wholesale and retail trade	426	426	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	639	-	-	-	-	-	569	70
Wholesale and retail trade	355	-	-	-	-	-	324	31
Sales workers	**8 400**	**7 499**	**113**	**43**	**53**	**17**	**667**	**121**
Demonstrators, hucksters, and peddlers	622	471	4	-	4	-	143	4
Insurance, real estate agents, and brokers	877	624	7	-	7	-	224	22
Sales clerks, retail trade	5 212	4 968	29	17	6	6	161	54
Salesmen, retail trade	274	225	7	-	7	-	26	16
Other sales workers	1 415	1 211	66	26	29	11	113	25
Clerical and kindred workers	**41 475**	**28 784**	**11 607**	**5 425**	**4 377**	**1 805**	**460**	**624**
Bank tellers	608	598	10	10	-	-	-	-
Bookkeepers	4 925	4 025	476	176	171	129	191	233
Cashiers	3 045	2 765	228	37	72	119	11	41
Counter clerks, except food	583	513	37	25	8	4	16	17
Enumerators and interviewers	122	34	75	61	6	8	13	-
File clerks	1 036	664	368	163	158	47	-	4
Office machine operators	2 108	1 402	696	337	324	35	10	-
Bookkeeping and billing machine operators	235	194	41	14	27	-	-	-
Keypunch operators	1 230	710	510	263	217	30	10	-
Payroll and timekeeping clerks	337	239	98	59	34	5	-	-
Receptionists	1 273	1 005	237	43	143	51	6	25
Secretaries	10 710	7 464	2 975	908	1 514	553	103	168
Stenographers	835	253	575	380	137	58	7	-
Telephone operators	1 438	1 285	149	73	54	22	-	4
Typists	3 221	1 562	1 613	725	758	130	24	22
Other clerical and kindred workers	11 234	6 975	4 070	2 428	998	644	79	110
Craftsmen and kindred workers	**2 241**	**1 526**	**586**	**490**	**61**	**35**	**102**	**27**
Foremen, n.e.c	298	271	27	23	4	-	-	-
Operatives, except transport	**8 587**	**7 668**	**642**	**388**	**190**	**64**	**249**	**28**
Assemblers	1 357	1 281	76	47	15	14	-	-
Bottling and canning operatives	37	37	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	477	450	27	15	5	7	-	-
Dressmakers and seamstresses, except factory	449	276	14	9	5	-	159	-
Laundry and drycleaning operatives, including ironers	854	735	84	6	67	11	25	10
Graders and sorters, manufacturing	16	16	-	-	-	-	-	-
Packers and wrappers, except produce	783	710	73	68	5	-	-	-
Sewers and stitchers	484	461	23	16	7	-	-	-
Textile operatives	45	34	6	-	6	-	5	-
Other specified operatives	1 649	1 461	126	79	36	11	49	13
Miscellaneous and not specified operatives	2 436	2 207	213	148	44	21	11	5
Manufacturing	2 059	2 009	45	28	-	17	-	5
Durable goods	1 628	1 587	41	28	-	13	-	-
Machinery, including electrical	1 460	1 428	32	19	-	13	-	-
Other durable goods	168	159	9	9	-	-	-	-
Nondurable goods, including not specified manufacturing	431	422	4	-	-	4	-	5
Food and kindred products	80	75	-	-	-	-	-	5
Apparel and other fabricated textile products	94	94	-	-	-	-	-	-
Nonmanufacturing industries	377	198	168	120	44	4	11	-
Transport equipment operatives	**299**	**248**	**47**	**8**	**20**	**19**	-	**4**
Laborers, except farm	**1 011**	**616**	**344**	**339**	-	**5**	**42**	**9**
Farmers and farm managers	**82**	**4**	-	-	-	-	**78**	-
Farm laborers and farm foremen	**184**	**128**	**9**	**4**	-	**5**	-	**47**
Paid farm laborers and farm foremen	137	128	9	4	-	5	-	-
Unpaid family workers	47	-	-	-	-	-	-	47
Service workers, except private household[1]	**18 421**	**13 720**	**3 269**	**374**	**1 391**	**1 504**	**1 338**	**94**
Cleaning service workers	1 752	1 369	354	64	148	142	29	-
Chambermaids and maids	623	580	43	6	16	21	-	-
Food service workers	7 194	5 619	1 390	119	489	782	137	48
Cooks, except private household	2 236	1 511	674	34	205	435	46	5
Waiters and food counter workers	3 591	3 291	205	33	87	85	57	38
Health service workers	3 817	2 934	838	118	538	182	36	9
Nursing aides, orderlies, and attendants	2 273	1 686	581	65	372	144	6	-
Practical nurses	736	532	174	34	113	27	30	-
Personal service workers	3 858	2 493	282	42	135	105	1 057	26
Hairdressers and cosmetologists	2 179	1 344	11	5	-	6	809	15
Private household workers	**2 895**	**2 843**	**7**	**7**	-	-	**45**	-
Private household workers, living in	197	197	-	-	-	-	-	-
Private household workers, living out	2 698	2 646	7	7	-	-	45	-

[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		
OKLAHOMA CITY SMSA—Continued								
Negro								
Male, 16 years old and over	9 212	5 621	3 119	2 086	351	682	464	8
Professional, technical, and kindred workers	817	247	499	257	96	146	71	-
Accountants	22	12	10	10	-	-	-	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	23	6	17	17	-	-	-	-
Engineers	59	23	36	36	-	-	-	-
Aeronautical and astronautical	5	-	5	5	-	-	-	-
Civil	27	14	13	13	-	-	-	-
Electrical and electronic	16	9	7	7	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-
Other engineers	11	-	11	11	-	-	-	-
Lawyers and judges	2	-	2	-	-	2	-	-
Life and physical scientists	9	-	9	4	-	5	-	-
Chemists	5	-	5	-	-	5	-	-
Physicians, dentists, and related practitioners	44	6	15	10	5	-	23	-
Dentists	5	-	-	-	-	-	5	-
Pharmacists	16	-	10	10	-	-	6	-
Physicians, medical and osteopathic	23	6	5	-	5	-	12	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	39	15	24	14	10	-	-	-
Religious workers	63	50	-	-	-	-	13	-
Social scientists	-	-	-	-	-	-	-	-
Social and recreation workers	37	15	22	12	4	6	-	-
Teachers	174	12	158	18	44	96	4	-
College and university	16	-	16	-	16	-	-	-
Elementary and prekindergarten	35	4	31	-	-	31	-	-
Secondary	101	8	93	-	28	65	-	-
Engineering and science technicians	106	47	59	49	10	-	-	-
Draftsmen and surveyors	24	18	6	-	6	-	-	-
Electrical and electronic engineering technicians	48	10	38	38	-	-	-	-
Technicians, except health, and engineering and science	8	-	8	8	-	-	-	-
Airplane pilots	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	69	40	13	8	5	-	16	-
Other professional, technical, and kindred workers	162	21	126	71	18	37	15	-
Managers and administrators, except farm	337	132	98	59	19	20	99	8
Buyers, purchasing agents, and sales managers	6	6	-	-	-	-	-	-
School administrators	29	9	20	-	-	20	-	-
Specified managers and administrators, public administration	62	-	62	46	16	-	-	-
Other specified managers and administrators	78	57	7	4	3	-	14	-
Managers and administrators, n.e.c., salaried	69	60	9	9	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-
Wholesale and retail trade	32	28	4	4	-	-	-	-
Transportation, communications and other public utilities	11	11	-	-	-	-	-	-
All other industries	26	21	5	5	-	-	-	-
Managers and administrators, n.e.c., self-employed	93	-	-	-	-	-	85	8
Construction	23	-	-	-	-	-	23	-
Manufacturing	7	-	-	-	-	-	7	-
Wholesale and retail trade	32	-	-	-	-	-	32	-
All other industries	31	-	-	-	-	-	23	8
Sales workers	205	169	13	13	-	-	23	-
Insurance agents, brokers, and underwriters	32	32	-	-	-	-	-	-
Real estate agents and brokers	9	4	-	-	-	-	5	-
Sales representatives, manufacturing industries	11	11	-	-	-	-	-	-
Sales representatives, wholesale trade	20	20	-	-	-	-	-	-
Sales clerks, retail trade	34	26	-	-	-	-	8	-
Salesmen, retail trade	40	40	-	-	-	-	-	-
Salesmen of services and construction	11	2	9	9	-	-	-	-
Other sales workers	48	34	4	4	-	-	10	-
Clerical and kindred workers	811	330	481	462	8	11	-	-
Bank tellers and cashiers	38	38	-	-	-	-	-	-
Bookkeepers and billing clerks	24	10	14	14	-	-	-	-
Mail handlers and postal clerks	180	26	154	154	-	-	-	-
Other clerical and kindred workers	569	256	313	294	8	11	-	-
Craftsmen and kindred workers	1 398	761	518	447	15	56	119	-
Apparel craftsmen and upholsterers	21	11	-	-	-	-	10	-
Bakers	21	21	-	-	-	-	-	-
Cabinetmakers	15	10	5	-	-	5	-	-
Construction craftsmen	323	200	63	63	-	-	60	-
Carpenters	71	47	21	21	-	-	3	-
Excavating, grading, and road machine operators	10	5	5	5	-	-	-	-
Electricians	23	4	19	19	-	-	-	-
Masons and tile setters	81	48	9	9	-	-	24	-
Painters, construction and maintenance, and paperhangers	38	21	4	4	-	-	13	-
Plasterers and cement finishers	64	64	-	-	-	-	-	-
Plumbers and pipe fitters	26	11	5	5	-	-	10	-
Other construction craftsmen	10	-	-	-	-	-	10	-
Foremen, n.e.c.	67	46	21	16	-	5	-	-
Manufacturing	22	22	-	-	-	-	-	-
Nonmanufacturing industries	45	24	21	16	-	5	-	-
Linemen and servicemen, telephone and power	5	5	-	-	-	-	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	591	272	302	279	9	14	17	-
Air conditioning, heating, and refrigeration	23	18	5	-	5	-	-	-
Aircraft	179	15	164	164	-	-	-	-
Automobile, including body	181	149	15	11	-	4	17	-
Radio and television	46	10	36	36	-	-	-	-
Other mechanics and repairmen	162	80	82	68	4	10	-	-
Metal craftsmen, except mechanics	81	35	46	46	-	-	-	-
Machinists and job and die setters	55	35	20	20	-	-	-	-
Sheetmetal workers and tinsmiths	26	-	26	26	-	-	-	-
Tool and die makers	-	-	-	-	-	-	-	-
Other metal craftsmen	-	-	-	-	-	-	-	-
Printing craftsmen	11	5	6	-	6	-	-	-
Compositors and typesetters	11	5	6	-	6	-	-	-
Pressmen and plate printers, printing	-	-	-	-	-	-	-	-
Stationary engineers and power station operators	15	-	15	6	-	9	-	-
Other craftsmen and kindred workers	248	156	60	37	-	23	32	-

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		
OKLAHOMA CITY SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**1 582**	**1 325**	**257**	**226**	**9**	**22**	-	-
Assemblers	88	63	25	25	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	46	35	11	11	-	-	-	-
Garage workers and gas station attendants	158	158	-	-	-	-	-	-
Laundry and drycleaning operatives, n.e.c	39	39	-	-	-	-	-	-
Meat cutters and butchers	122	117	5	5	-	-	-	-
Mine operatives, n.e.c	5	5	-	-	-	-	-	-
Packers and wrappers, except produce	101	50	51	51	-	-	-	-
Painters, manufactured articles	44	39	5	5	-	-	-	-
Precision machine operatives	11	5	6	6	-	-	-	-
Sawyers	-	-	-	-	-	-	-	-
Stationary firemen	4	-	4	4	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Welders and flamecutters	126	104	22	22	-	-	-	-
Other metalworking operatives	72	58	14	14	-	-	-	-
Other specified operatives	343	310	33	23	5	5	-	-
Miscellaneous and not specified operatives	423	342	81	60	4	17	-	-
Occupation:								
Machine operatives, miscellaneous specified	160	148	12	-	-	12	-	-
Machine operatives, not specified	44	37	7	7	-	-	-	-
Miscellaneous operatives	171	113	58	49	4	5	-	-
Not specified operatives	48	44	4	4	-	-	-	-
Industry:								
Manufacturing	260	251	9	-	4	5	-	-
Durable goods	199	190	9	-	4	5	-	-
Wood products, including furniture	4	4	-	-	-	-	-	-
Primary metal industries	-	-	-	-	-	-	-	-
Fabricated metal industries	25	25	-	-	-	-	-	-
Machinery, including electrical	135	126	9	-	4	5	-	-
Motor vehicles and equipment	8	8	-	-	-	-	-	-
Transportation equipment, except motor vehicles	7	7	-	-	-	-	-	-
Other durable goods	20	20	-	-	-	-	-	-
Nondurable goods	61	61	-	-	-	-	-	-
Food and kindred products	30	30	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Paper and allied products	6	6	-	-	-	-	-	-
Chemicals and allied products	-	-	-	-	-	-	-	-
Other nondurable goods	25	25	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	163	91	72	60	-	12	-	-
Transportation, communications, and other public utilities	11	11	-	-	-	-	-	-
Wholesale and retail trade	36	36	-	-	-	-	-	-
All other industries	116	44	72	60	-	12	-	-
Transport equipment operatives	**667**	**428**	**192**	**88**	**25**	**79**	**47**	-
Bus drivers	17	10	7	-	7	-	-	-
Taxicab drivers and chauffeurs	56	46	10	10	-	-	-	-
Truck drivers and deliverymen	436	262	140	49	18	73	34	-
Other transport equipment operatives	158	110	35	29	-	6	13	-
Laborers, except farm	**1 525**	**940**	**555**	**291**	**38**	**226**	**30**	-
Construction laborers	320	270	50	-	6	44	-	-
Freight, stock, and material handlers	482	138	337	194	4	139	7	-
Other specified laborers	531	413	95	62	16	17	23	-
Miscellaneous and not specified laborers	192	119	73	35	12	26	-	-
Occupation:								
Miscellaneous laborers	68	36	32	11	-	21	-	-
Not specified laborers	124	83	41	24	12	5	-	-
Industry:								
Manufacturing	81	76	5	-	5	-	-	-
Durable goods	45	40	5	-	5	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-
Metal industries	23	18	5	-	5	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Transportation equipment	15	15	-	-	-	-	-	-
Other durable goods	7	7	-	-	-	-	-	-
Nondurable goods	36	36	-	-	-	-	-	-
Food and kindred products	25	25	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	111	43	68	35	7	26	-	-
Railroads and railway express service	14	9	5	5	-	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	15	-	15	-	-	15	-	-
Wholesale and retail trade	23	23	-	-	-	-	-	-
All other industries	59	11	48	30	7	11	-	-
Farmers and farm managers	**16**	-	-	-	-	-	**16**	-
Farm laborers and farm foremen	**86**	**67**	**6**	-	**6**	-	**7**	-
Paid farm laborers and farm foremen	80	67	6	-	6	-	7	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**1 734**	**1 177**	**500**	**243**	**135**	**122**	**47**	-
Cleaning service workers	954	598	347	173	84	90	9	-
Food service workers	426	361	61	46	15	-	4	-
Cooks, except private household	152	136	12	12	-	-	4	-
Busboys and dishwashers	133	124	9	-	9	-	-	-
Health service workers	49	16	33	5	28	-	-	-
Personal service workers	82	53	-	-	-	-	29	-
Protective service workers	60	23	37	11	-	26	-	-
Firemen, fire protection	8	-	8	-	-	8	-	-
Guards and watchmen	44	23	21	11	-	10	-	-
Policemen and detectives	8	-	8	-	-	8	-	-
Private household workers	**50**	**45**	-	-	-	-	**5**	-

[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		
OKLAHOMA CITY SMSA—Continued								
Negro—Continued								
Female, 16 years old and over	8 913	6 101	2 620	1 049	800	771	170	22
Professional, technical, and kindred workers	1 172	305	840	114	260	466	27	-
Accountants	19	10	9	4	5	-	-	-
Computer specialists	4	-	4	4	-	-	-	-
Librarians	40	6	34	11	23	-	-	-
Mathematical specialists	-	-	-	-	-	-	-	-
Life and physical scientists	5	-	5	-	5	-	-	-
Registered nurses, dietitians, and therapists	135	74	52	23	24	5	9	-
Dietitians	27	24	3	-	3	-	-	-
Registered nurses	102	50	49	23	21	5	3	-
Health technologists and technicians	79	52	27	6	21	-	-	-
Social scientists	-	-	-	-	-	-	-	-
Social and recreation workers	125	7	111	15	63	33	7	-
Teachers: College and university	33	-	33	5	28	-	-	-
Elementary and prekindergarten	382	59	323	9	37	277	-	-
Secondary	148	5	143	-	28	115	-	-
Other teachers	14	10	4	-	-	4	-	-
Engineering and science technicians	10	10	-	-	-	-	-	-
Technicians, except health, and engineering and science	10	-	10	10	-	-	-	-
Writers, artists, and entertainers	17	8	9	3	6	-	-	-
Actors and dancers	-	-	-	-	-	-	-	-
Authors, editors, and reporters	3	-	3	3	-	-	-	-
Other professional, technical, and kindred workers	151	64	76	24	20	32	11	-
Managers and administrators, except farm	140	42	65	42	5	18	33	-
Buyers, purchasing agents, and sales managers	18	9	9	9	-	-	-	-
Restaurant, cafeteria, and bar managers	27	11	11	-	-	11	5	-
School administrators	-	-	-	-	-	-	-	-
Other specified managers and administrators	53	8	32	27	5	-	13	-
Managers and administrators, n.e.c., salaried	27	14	13	6	-	7	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	15	-	-	-	-	-	15	-
Wholesale and retail trade	15	-	-	-	-	-	15	-
Sales workers	127	123	-	-	-	-	4	-
Demonstrators, hucksters, and peddlers	20	20	-	-	-	-	-	-
Insurance, real estate agents, and brokers	-	-	-	-	-	-	-	-
Sales clerks, retail trade	80	76	-	-	-	-	4	-
Salesmen, retail trade	5	5	-	-	-	-	-	-
Other sales workers	22	22	-	-	-	-	-	-
Clerical and kindred workers	1 644	790	849	487	216	146	-	5
Bank tellers	22	12	10	10	-	-	-	-
Bookkeepers	26	16	10	4	6	-	-	-
Cashiers	105	90	10	-	-	10	-	5
Counter clerks, except food	38	38	-	-	-	-	-	-
Enumerators and interviewers	-	-	-	-	-	-	-	-
File clerks	64	12	52	19	21	12	-	-
Office machine operators	125	94	31	31	-	-	-	-
Bookkeeping and billing machine operators	9	9	-	-	-	-	-	-
Keypunch operators	81	56	25	25	-	-	-	-
Payroll and timekeeping clerks	10	5	5	-	-	5	-	-
Receptionists	64	34	30	10	15	5	-	-
Secretaries	180	86	94	25	38	31	-	-
Stenographers	14	5	9	5	4	-	-	-
Telephone operators	79	67	12	7	5	-	-	-
Typists	202	70	132	59	33	40	-	-
Other clerical and kindred workers	715	261	454	317	94	43	-	-
Craftsmen and kindred workers	180	88	87	78	-	9	-	5
Foremen, n.e.c.	17	17	-	-	-	-	-	-
Operatives, except transport	1 182	1 020	151	107	34	10	11	-
Assemblers	219	210	9	-	6	3	-	-
Bottling and canning operatives	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	39	32	7	-	-	7	-	-
Dressmakers and seamstresses, except factory	29	18	-	-	-	-	11	-
Laundry and drycleaning operatives, including ironers	173	156	17	6	11	-	-	-
Graders and sorters, manufacturing	10	10	-	-	-	-	-	-
Packers and wrappers, except produce	18	5	13	13	-	-	-	-
Sewers and stitchers	43	37	6	6	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Other specified operatives	310	260	50	37	13	-	-	-
Miscellaneous and not specified operatives	341	292	49	45	4	-	-	-
Manufacturing	269	262	7	7	-	-	-	-
Durable goods	249	242	7	7	-	-	-	-
Machinery, including electrical	240	233	7	7	-	-	-	-
Other durable goods	9	9	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	20	20	-	-	-	-	-	-
Food and kindred products	9	9	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Nonmanufacturing industries	72	30	42	38	4	-	-	-
Transport equipment operatives	10	10	-	-	-	-	-	-
Laborers, except farm	147	88	59	59	-	-	-	-
Farmers and farm managers	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	11	5	-	-	-	-	-	6
Paid farm laborers and farm foremen	5	5	-	-	-	-	-	-
Unpaid family workers	6	-	-	-	-	-	-	6
Service workers, except private household[1]	2 730	2 067	562	155	285	122	95	6
Cleaning service workers	660	512	148	44	85	19	-	-
Chambermaids and maids	305	300	5	-	5	-	-	-
Food service workers	616	512	89	26	26	37	15	-
Cooks, except private household	305	259	36	5	13	18	10	-
Waiters and food counter workers	163	152	11	6	-	5	-	-
Health service workers	898	636	254	57	167	30	8	-
Nursing aides, orderlies, and attendants	632	487	145	29	92	24	-	-
Practical nurses	184	104	72	20	52	-	8	-
Personal service workers	249	147	37	16	7	14	59	6
Hairdressers and cosmetologists	140	90	-	-	-	-	50	-
Private household workers	1 570	1 563	7	7	-	-	-	-
Private household workers, living in	75	75	-	-	-	-	-	-
Private household workers, living out	1 495	1 488	7	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		
TULSA SMSA								
Total								
Male, 16 years old and over	**118 316**	**95 743**	**11 137**	**3 557**	**1 571**	**6 009**	**11 229**	**207**
Professional, technical, and kindred workers	**19 442**	**14 382**	**2 893**	**854**	**640**	**1 399**	**2 152**	**15**
Accountants	2 685	2 316	148	89	33	26	221	-
Architects	185	114	30	20	10	-	41	-
Computer specialists	855	828	27	12	6	9	-	-
Engineers	4 051	3 451	457	380	59	18	143	-
Aeronautical and astronautical	289	266	15	5	10	-	8	-
Civil	597	292	291	249	32	10	14	-
Electrical and electronic	562	505	41	41	-	-	16	-
Mechanical	529	507	13	13	-	-	9	-
Other engineers	2 074	1 881	97	72	17	8	96	-
Lawyers and judges	953	380	96	23	34	39	477	-
Life and physical scientists	695	547	63	45	-	18	85	-
Chemists	226	199	10	5	-	5	17	-
Physicians, dentists, and related practitioners	1 314	517	18	6	12	-	779	-
Dentists	219	6	7	-	7	-	206	-
Pharmacists	283	235	5	-	5	-	43	-
Physicians, medical and osteopathic	651	255	6	6	-	-	390	-
Other related practitioners	161	21	-	-	-	-	140	-
Health technologists and technicians	206	162	39	-	5	34	5	-
Religious workers	737	669	5	-	-	5	63	-
Social scientists	242	176	55	16	12	27	11	-
Social and recreation workers	200	52	142	12	74	56	6	-
Teachers	1 843	584	1 197	26	191	980	62	-
College and university	284	258	26	-	20	6	-	-
Elementary and prekindergarten	343	25	318	11	38	269	-	-
Secondary	973	148	825	5	129	691	-	-
Engineering and science technicians	2 282	2 045	205	70	92	43	32	-
Draftsmen and surveyors	1 348	1 201	130	35	56	39	17	-
Electrical and electronic engineering technicians	347	337	10	10	-	-	-	-
Technicians, except health, and engineering and science	421	284	120	78	18	24	17	-
Airplane pilots	142	129	5	-	5	-	8	-
Writers, artists, and entertainers	1 107	946	19	5	5	9	132	10
Other professional, technical, and kindred workers	1 666	1 311	272	72	89	111	78	5
Managers and administrators, except farm	**15 291**	**11 303**	**1 041**	**340**	**158**	**543**	**2 920**	**27**
Buyers, purchasing agents, and sales managers	2 329	2 233	38	11	-	27	58	-
School administrators	293	49	244	-	37	207	-	-
Specified managers and administrators, public administration	517	-	517	245	80	192	-	-
Other specified managers and administrators	2 254	1 842	65	36	18	11	338	9
Managers and administrators, n.e.c., salaried	7 356	7 179	177	48	23	106	-	-
Manufacturing	1 750	1 745	5	5	-	-	-	-
Wholesale and retail trade	2 502	2 502	-	-	-	-	-	-
Transportation, communications and other public utilities	614	599	15	-	-	15	-	-
All other industries	2 490	2 333	157	43	23	91	-	-
Managers and administrators, n.e.c., self-employed	2 542	-	-	-	-	-	2 524	18
Construction	468	-	-	-	-	-	468	-
Manufacturing	190	-	-	-	-	-	190	-
Wholesale and retail trade	1 246	-	-	-	-	-	1 233	13
All other industries	638	-	-	-	-	-	633	5
Sales workers	**9 514**	**8 171**	**20**	**9**	**-**	**11**	**1 302**	**21**
Insurance agents, brokers, and underwriters	1 218	957	4	4	-	-	257	-
Real estate agents and brokers	493	264	5	5	-	-	214	10
Sales representatives, manufacturing industries	1 079	1 043	-	-	-	-	36	-
Sales representatives, wholesale trade	2 324	2 111	-	-	-	-	207	6
Sales clerks, retail trade	1 630	1 458	6	-	-	6	166	-
Salesmen, retail trade	1 213	1 036	-	-	-	-	172	5
Salesmen of services and construction	544	523	-	-	-	-	21	-
Other sales workers	1 013	779	5	-	-	5	229	-
Clerical and kindred workers	**9 537**	**7 421**	**1 946**	**1 555**	**125**	**266**	**156**	**14**
Bank tellers and cashiers	477	452	21	5	16	-	4	-
Bookkeepers and billing clerks	696	615	44	34	-	10	33	4
Mail handlers and postal clerks	1 407	169	1 238	1 227	7	4	-	-
Other clerical and kindred workers	6 957	6 185	643	289	102	252	119	10
Craftsmen and kindred workers	**26 532**	**23 013**	**1 277**	**322**	**182**	**773**	**2 210**	**32**
Apparel craftsmen and upholsterers	184	119	5	-	-	5	60	-
Bakers	147	133	-	-	-	-	14	-
Cabinetmakers	139	85	4	-	4	-	50	-
Construction craftsmen	6 121	4 684	320	46	24	250	1 112	5
Carpenters	1 649	1 219	21	-	4	17	409	-
Excavating, grading, and road machine operators	670	439	150	5	15	130	81	-
Electricians	1 026	902	49	11	-	38	75	-
Masons and tile setters	451	322	4	-	-	4	125	-
Painters, construction and maintenance, and paperhangers	889	553	70	24	5	41	261	5
Plasterers and cement finishers	232	170	9	-	-	9	53	-
Plumbers and pipe fitters	697	621	11	-	-	11	65	-
Other construction craftsmen	507	458	6	6	-	-	43	-
Foremen, n.e.c.	3 472	3 291	123	28	19	76	51	7
Manufacturing	1 544	1 512	10	5	-	5	22	-
Nonmanufacturing industries	1 928	1 779	113	23	19	71	29	7
Linemen and servicemen, telephone and power	929	919	5	5	-	-	5	-
Locomotive engineers and firemen	100	94	6	-	-	6	-	-
Mechanics and repairmen	8 255	7 290	409	145	64	200	541	15
Air conditioning, heating, and refrigeration	223	184	10	-	-	10	29	-
Aircraft	3 094	2 941	148	103	30	15	5	-
Automobile, including body	2 181	1 748	104	17	10	77	327	2
Radio and television	388	312	15	6	-	9	61	-
Other mechanics and repairmen	2 369	2 105	132	19	24	89	119	13
Metal craftsmen, except mechanics	2 814	2 692	62	55	2	5	60	-
Machinists and job and die setters	1 501	1 448	20	15	-	5	33	-
Sheetmetal workers and tinsmiths	496	469	14	14	-	-	13	-
Tool and die makers	349	321	24	22	2	-	4	-
Other metal craftsmen	468	454	4	4	-	-	10	-
Printing craftsmen	646	626	14	-	-	14	6	-
Compositors and typesetters	259	254	5	-	-	5	-	-
Pressmen and plate printers, printing	257	251	-	-	-	-	6	-
Stationary engineers and power station operators	988	830	113	-	5	108	40	5
Other craftsmen and kindred workers	2 737	2 250	216	43	64	109	271	-

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		
TULSA SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**15 394**	**14 571**	**416**	**175**	**51**	**190**	**388**	**19**
Assemblers	1 197	1 154	43	18	5	20	–	–
Checkers, examiners, and inspectors, manufacturing	649	640	9	4	–	5	–	–
Garage workers and gas station attendants	1 059	995	4	4	–	–	55	5
Laundry and drycleaning operatives, n.e.c	186	136	24	–	15	9	26	–
Meat cutters and butchers	469	431	–	–	–	–	32	6
Mine operatives, n.e.c	752	738	5	5	–	–	9	–
Packers and wrappers, except produce	185	185	–	–	–	–	–	–
Painters, manufactured articles	248	203	26	5	–	21	19	–
Precision machine operatives	1 317	1 290	5	5	–	–	22	–
Sawyers	102	92	5	5	–	–	5	–
Stationary firemen	100	57	43	5	9	29	–	–
Textile operatives	45	45	–	–	–	–	–	–
Welders and flamecutters	2 618	2 518	27	–	12	15	73	–
Other metalworking operatives	600	590	6	6	–	–	4	–
Other specified operatives	1 879	1 712	66	29	5	32	97	4
Miscellaneous and not specified operatives	3 988	3 785	153	89	5	59	46	4
Occupation:								
Machine operatives, miscellaneous specified	1 493	1 436	44	41	–	3	9	4
Machine operatives, not specified	654	639	10	10	–	–	5	–
Miscellaneous operatives	1 288	1 197	68	17	–	51	23	–
Not specified operatives	553	513	31	21	5	5	9	–
Industry:								
Manufacturing	3 288	3 163	107	83	–	24	18	–
Durable goods	2 557	2 444	99	78	–	21	14	–
Wood products, including furniture	23	23	–	–	–	–	–	–
Primary metal industries	317	317	–	–	–	–	–	–
Fabricated metal industries	718	702	11	–	–	11	5	–
Machinery, including electrical	579	565	5	–	–	5	9	–
Motor vehicles and equipment	53	53	–	–	–	–	–	–
Transportation equipment, except motor vehicles	481	403	78	73	–	5	–	–
Other durable goods	386	381	5	5	–	–	–	–
Nondurable goods	731	719	8	5	–	3	4	–
Food and kindred products	141	141	–	–	–	–	–	–
Apparel and other fabricated textile products	5	5	–	–	–	–	–	–
Paper and allied products	52	47	5	5	–	–	–	–
Chemicals and allied products	87	83	–	–	–	–	4	–
Other nondurable goods	446	443	3	–	–	3	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	700	622	46	6	5	35	28	4
Transportation, communications, and other public utilities	236	210	26	–	–	26	–	–
Wholesale and retail trade	251	229	–	–	–	–	18	4
All other industries	213	183	20	6	5	9	10	–
Transport equipment operatives	**6 515**	**5 628**	**465**	**48**	**76**	**341**	**422**	–
Bus drivers	208	125	83	–	13	70	–	–
Taxicab drivers and chauffeurs	311	275	–	–	–	–	36	–
Truck drivers and deliverymen	5 096	4 460	335	22	57	256	301	–
Other transport equipment operatives	900	768	47	26	6	15	85	–
Laborers, except farm	**6 181**	**5 321**	**663**	**94**	**96**	**473**	**173**	**24**
Construction laborers	1 243	1 085	158	–	47	111	–	–
Freight, stock, and material handlers	2 583	2 368	191	64	11	116	14	10
Other specified laborers	1 440	1 069	207	20	26	161	154	10
Miscellaneous and not specified laborers	915	799	107	10	12	85	5	4
Occupation:								
Miscellaneous laborers	206	150	51	6	–	45	5	–
Not specified laborers	709	649	56	4	12	40	–	4
Industry:								
Manufacturing	436	424	12	4	8	–	–	–
Durable goods	355	343	12	4	8	–	–	–
Wood products, including furniture	5	5	–	–	–	–	–	–
Metal industries	179	179	–	–	–	–	–	–
Machinery, including electrical	30	22	8	–	8	–	–	–
Transportation equipment	54	50	4	4	–	–	–	–
Other durable goods	87	87	–	–	–	–	–	–
Nondurable goods	77	77	–	–	–	–	–	–
Food and kindred products	21	21	–	–	–	–	–	–
Not specified manufacturing industries	4	4	–	–	–	–	–	–
Nonmanufacturing industries	479	375	95	6	4	85	5	4
Railroads and railway express service	57	57	–	–	–	–	–	–
Transportation, except railroads	9	9	–	–	–	–	–	–
Communications, and utilities and sanitary services	80	18	62	6	–	56	–	–
Wholesale and retail trade	160	155	–	–	–	–	5	–
All other industries	173	136	33	–	4	29	–	4
Farmers and farm managers	**1 003**	**27**	–	–	–	–	**970**	**6**
Farm laborers and farm foremen	**823**	**755**	**16**	**5**	**4**	**7**	**11**	**41**
Paid farm laborers and farm foremen	782	755	16	5	4	7	11	–
Unpaid family workers	41	–	–	–	–	–	–	41
Service workers, except private household[1]	**7 996**	**5 063**	**2 400**	**155**	**239**	**2 006**	**525**	**8**
Cleaning service workers	3 112	2 161	883	87	107	689	64	4
Food service workers	1 540	1 449	19	14	–	5	68	4
Cooks, except private household	634	613	–	–	–	–	17	4
Busboys and dishwashers	396	386	5	5	–	–	5	–
Health service workers	213	174	39	–	29	10	–	–
Personal service workers	800	410	29	–	5	24	361	–
Protective service workers	1 812	460	1 352	39	78	1 235	–	–
Firemen, fire protection	540	11	529	–	–	529	–	–
Guards and watchmen	517	415	102	20	19	63	–	–
Policemen and detectives	596	34	562	9	49	504	–	–
Private household workers	**88**	**88**	–	–	–	–	–	–

[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		
TULSA SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**69 808**	**55 879**	**9 423**	**1 317**	**1 688**	**6 418**	**3 604**	**902**
Professional, technical, and kindred workers	**9 879**	**4 966**	**4 336**	**213**	**670**	**3 453**	**504**	**73**
Accountants	740	605	57	32	–	25	69	9
Computer specialists	85	77	8	–	–	8	–	–
Librarians	179	69	110	–	10	100	–	–
Mathematical specialists	29	20	9	9	–	–	–	–
Life and physical scientists	34	34	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 800	1 473	201	26	46	129	98	28
Dietitians	58	43	15	5	6	4	–	–
Registered nurses	1 631	1 345	160	14	36	110	98	28
Health technologists and technicians	464	433	26	6	5	15	5	–
Social scientists	52	27	25	–	–	25	–	–
Social and recreation workers	430	109	321	18	227	76	–	–
Teachers: College and university	131	91	40	6	22	12	–	–
Elementary and prekindergarten	2 630	502	2 119	17	191	1 911	9	–
Secondary	1 191	151	1 040	–	83	957	–	–
Other teachers	291	130	23	–	19	4	132	6
Engineering and science technicians	191	177	14	14	–	–	–	–
Technicians, except health, and engineering and science	48	17	31	18	5	8	–	–
Writers, artists, and entertainers	598	471	30	5	–	25	85	12
Actors and dancers	38	38	–	–	–	–	–	–
Authors, editors, and reporters	173	149	–	–	–	–	24	–
Other professional, technical, and kindred workers	986	580	282	62	62	158	106	18
Managers and administrators, except farm	**2 971**	**1 751**	**410**	**51**	**55**	**304**	**717**	**93**
Buyers, purchasing agents, and sales managers	204	180	4	–	–	4	20	–
Restaurant, cafeteria, and bar managers	341	90	114	–	11	103	129	8
School administrators	138	34	77	–	5	72	27	–
Other specified managers and administrators	734	480	159	40	25	94	95	–
Managers and administrators, n.e.c., salaried	1 023	967	56	11	14	31	–	–
Wholesale and retail trade	429	429	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	531	–	–	–	–	–	446	85
Wholesale and retail trade	325	–	–	–	–	–	266	59
Sales workers	**6 066**	**5 425**	**36**	**–**	**18**	**18**	**479**	**126**
Demonstrators, hucksters, and peddlers	497	396	6	–	6	–	95	–
Insurance, real estate agents, and brokers	676	602	–	–	–	–	69	5
Sales clerks, retail trade	3 761	3 442	14	–	5	9	223	82
Salesmen, retail trade	229	192	–	–	–	–	26	11
Other sales workers	903	793	16	–	7	9	66	28
Clerical and kindred workers	**27 363**	**24 047**	**2 574**	**891**	**362**	**1 321**	**366**	**376**
Bank tellers	485	470	15	–	15	–	–	–
Bookkeepers	3 513	3 075	158	29	24	105	132	148
Cashiers	2 098	1 917	117	14	11	92	36	28
Counter clerks, except food	334	302	–	–	–	–	15	17
Enumerators and interviewers	80	40	34	34	–	–	6	–
File clerks	571	512	59	20	–	39	–	–
Office machine operators	1 355	1 277	72	17	13	42	6	–
Bookkeeping and billing machine operators	204	185	19	10	–	9	–	–
Keypunch operators	820	772	48	7	13	28	–	–
Payroll and timekeeping clerks	262	257	5	–	5	–	–	–
Receptionists	1 013	976	23	5	8	10	14	–
Secretaries	7 478	6 826	536	123	100	313	44	72
Stenographers	528	423	105	31	40	34	–	–
Telephone operators	1 036	960	65	27	7	31	11	–
Typists	1 674	1 359	290	118	48	124	17	8
Other clerical and kindred workers	6 936	5 653	1 095	473	91	531	85	103
Craftsmen and kindred workers	**1 008**	**891**	**43**	**22**	**12**	**9**	**69**	**5**
Foremen, n.e.c.	229	221	8	–	4	4	–	–
Operatives, except transport	**5 164**	**4 800**	**99**	**15**	**34**	**50**	**222**	**43**
Assemblers	653	643	5	5	–	–	5	–
Bottling and canning operatives	37	37	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	353	353	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	386	267	5	–	5	–	114	–
Laundry and drycleaning operatives, including ironers	784	723	34	–	19	15	21	6
Graders and sorters, manufacturing	63	63	–	–	–	–	–	–
Packers and wrappers, except produce	525	510	4	–	–	4	11	–
Sewers and stitchers	551	522	7	–	–	7	18	4
Textile operatives	36	36	–	–	–	–	–	–
Other specified operatives	1 031	936	29	4	5	20	38	28
Miscellaneous and not specified operatives	745	710	15	6	5	4	15	5
Manufacturing	626	596	15	6	5	4	10	5
Durable goods	314	289	15	6	5	4	5	5
Machinery, including electrical	100	95	5	–	5	–	–	–
Other durable goods	214	194	10	6	–	4	5	5
Nondurable goods, including not specified manufacturing	312	307	–	–	–	–	5	–
Food and kindred products	68	68	–	–	–	–	–	–
Apparel and other fabricated textile products	55	55	–	–	–	–	–	–
Nonmanufacturing industries	119	114	–	–	–	–	5	–
Transport equipment operatives	**228**	**173**	**41**	**4**	**6**	**31**	**14**	**–**
Laborers, except farm	**410**	**344**	**25**	**9**	**10**	**6**	**24**	**17**
Farmers and farm managers	**111**	**–**	**–**	**–**	**–**	**–**	**105**	**6**
Farm laborers and farm foremen	**103**	**50**	**–**	**–**	**–**	**–**	**–**	**53**
Paid farm laborers and farm foremen	50	50	–	–	–	–	–	–
Unpaid family workers	53	–	–	–	–	–	–	53
Service workers, except private household[1]	**13 625**	**10 589**	**1 854**	**112**	**521**	**1 221**	**1 072**	**110**
Cleaning service workers	1 640	1 399	177	30	68	79	40	24
Chambermaids and maids	405	381	19	–	13	6	5	–
Food service workers	5 134	4 015	929	16	142	771	132	58
Cooks, except private household	1 262	788	414	12	44	358	52	8
Waiters and food counter workers	2 673	2 433	161	4	23	134	39	40
Health service workers	3 261	2 825	398	38	207	153	23	15
Nursing aides, orderlies, and attendants	2 204	1 868	329	24	180	125	7	–
Practical nurses	465	396	53	5	27	21	16	–
Personal service workers	2 454	1 479	138	5	83	50	824	13
Hairdressers and cosmetologists	1 503	792	–	–	–	–	704	7
Private household workers	**2 880**	**2 843**	**5**	**–**	**–**	**5**	**32**	**–**
Private household workers, living in	102	102	–	–	–	–	–	–
Private household workers, living out	2 778	2 741	5	–	–	5	32	–

[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		
TULSA SMSA—Continued								
Negro								
Male, 16 years old and over	**6 189**	**4 848**	**1 112**	**332**	**168**	**612**	**229**	-
Professional, technical, and kindred workers	**377**	**223**	**133**	**11**	**48**	**74**	**21**	-
Accountants	10	10	-	-	-	-	-	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	19	19	-	-	-	-	-	-
Engineers	21	21	-	-	-	-	-	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-
Civil	-	-	-	-	-	-	-	-
Electrical and electronic	-	-	-	-	-	-	-	-
Mechanical	7	7	-	-	-	-	-	-
Other engineers	14	14	-	-	-	-	-	-
Lawyers and judges	4	-	4	-	4	-	-	-
Life and physical scientists	4	4	-	-	-	-	-	-
Chemists	4	4	-	-	-	-	-	-
Physicians, dentists, and related practitioners	18	4	5	-	5	-	9	-
Dentists	-	-	-	-	-	-	-	-
Pharmacists	9	4	5	-	5	-	-	-
Physicians, medical and osteopathic	9	-	-	-	-	-	9	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	6	6	-	-	-	-	-	-
Religious workers	40	35	5	-	-	5	-	-
Social scientists	-	-	-	-	-	-	-	-
Social and recreation workers	12	-	12	7	5	-	-	-
Teachers	97	21	76	-	18	58	-	-
College and university	-	-	-	-	-	-	-	-
Elementary and prekindergarten	28	5	23	-	6	17	-	-
Secondary	69	16	53	-	12	41	-	-
Engineering and science technicians	74	55	19	4	8	7	-	-
Draftsmen and surveyors	27	20	7	-	-	7	-	-
Electrical and electronic engineering technicians	21	21	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Airplane pilots	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	18	10	-	-	-	-	8	-
Other professional, technical, and kindred workers	54	38	12	-	8	4	4	-
Managers and administrators, except farm	**225**	**141**	**50**	**9**	**7**	**34**	**34**	-
Buyers, purchasing agents, and sales managers	7	7	-	-	-	-	-	-
School administrators	15	4	11	-	-	11	-	-
Specified managers and administrators, public administration	23	-	23	4	-	19	-	-
Other specified managers and administrators	70	43	11	-	7	4	16	-
Managers and administrators, n.e.c., salaried	92	87	5	5	-	-	-	-
Manufacturing	12	12	-	-	-	-	-	-
Wholesale and retail trade	51	51	-	-	-	-	-	-
Transportation, communications and other public utilities	-	-	-	-	-	-	-	-
All other industries	29	24	5	5	-	-	-	-
Managers and administrators, n.e.c., self-employed	18	-	-	-	-	-	18	-
Construction	5	-	-	-	-	-	5	-
Manufacturing	-	-	-	-	-	-	-	-
Wholesale and retail trade	13	-	-	-	-	-	13	-
All other industries	-	-	-	-	-	-	-	-
Sales workers	**102**	**79**	-	-	-	-	**23**	-
Insurance agents, brokers, and underwriters	19	19	-	-	-	-	-	-
Real estate agents and brokers	13	-	-	-	-	-	13	-
Sales representatives, manufacturing industries	-	-	-	-	-	-	-	-
Sales representatives, wholesale trade	12	12	-	-	-	-	-	-
Sales clerks, retail trade	26	26	-	-	-	-	-	-
Salesmen, retail trade	10	4	-	-	-	-	6	-
Salesmen of services and construction	8	8	-	-	-	-	-	-
Other sales workers	14	10	-	-	-	-	4	-
Clerical and kindred workers	**466**	**269**	**197**	**141**	**15**	**41**	-	-
Bank tellers and cashiers	9	9	-	-	-	-	-	-
Bookkeepers and billing clerks	11	-	11	11	-	-	-	-
Mail handlers and postal clerks	109	16	93	93	-	-	-	-
Other clerical and kindred workers	337	244	93	37	15	41	-	-
Craftsmen and kindred workers	**856**	**716**	**107**	**27**	**11**	**69**	**33**	-
Apparel craftsmen and upholsterers	6	6	-	-	-	-	-	-
Bakers	10	10	-	-	-	-	-	-
Cabinetmakers	4	-	4	-	4	-	-	-
Construction craftsmen	126	78	24	8	-	16	24	-
Carpenters	23	23	-	-	-	-	-	-
Excavating, grading, and road machine operators	23	7	16	-	-	16	-	-
Electricians	16	3	-	-	-	-	13	-
Masons and tile setters	15	4	-	-	-	-	11	-
Painters, construction and maintenance, and paperhangers	26	18	8	8	-	-	-	-
Plasterers and cement finishers	14	14	-	-	-	-	-	-
Plumbers and pipe fitters	9	9	-	-	-	-	-	-
Other construction craftsmen	-	-	-	-	-	-	-	-
Foremen, n.e.c	43	38	5	-	-	5	-	-
Manufacturing	24	19	5	-	-	5	-	-
Nonmanufacturing industries	19	19	-	-	-	-	-	-
Linemen and servicemen, telephone and power	44	44	-	-	-	-	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	344	312	27	6	-	21	5	-
Air conditioning, heating, and refrigeration	-	-	-	-	-	-	-	-
Aircraft	113	102	11	6	-	5	-	-
Automobile, including body	161	149	12	-	-	12	-	-
Radio and television	4	4	-	-	-	-	-	-
Other mechanics and repairmen	66	57	4	-	-	4	5	-
Metal craftsmen, except mechanics	72	62	10	8	2	-	-	-
Machinists and job and die setters	50	46	4	4	-	-	-	-
Sheetmetal workers and tinsmiths	8	4	4	4	-	-	-	-
Tool and die makers	2	-	2	-	2	-	-	-
Other metal craftsmen	12	12	-	-	-	-	-	-
Printing craftsmen	4	4	-	-	-	-	-	-
Compositors and typesetters	4	4	-	-	-	-	-	-
Pressmen and plate printers, printing	-	-	-	-	-	-	-	-
Stationary engineers and power station operators	28	28	-	-	-	-	-	-
Other craftsmen and kindred workers	175	134	37	5	5	27	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		
TULSA SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**1 092**	**1 013**	**74**	**38**	**9**	**27**	**5**	-
Assemblers	68	64	4	-	-	4	-	-
Checkers, examiners, and inspectors; manufacturing	10	10	-	-	-	-	-	-
Garage workers and gas station attendants	76	76	-	-	-	-	-	-
Laundry and drycleaning operatives, n.e.c	66	52	9	-	9	-	5	-
Meat cutters and butchers	44	44	-	-	-	-	-	-
Mine operatives, n.e.c	23	23	-	-	-	-	-	-
Packers and wrappers, except produce	14	14	-	-	-	-	-	-
Painters, manufactured articles	33	12	21	5	-	16	-	-
Precision machine operatives	62	62	-	-	-	-	-	-
Sawyers	8	8	-	-	-	-	-	-
Stationary firemen	4	4	-	-	-	-	-	-
Textile operatives	3	3	-	-	-	-	-	-
Welders and flamecutters	110	110	-	-	-	-	-	-
Other metalworking operatives	33	33	-	-	-	-	-	-
Other specified operatives	196	174	22	19	-	3	-	-
Miscellaneous and not specified operatives	342	324	18	14	-	4	-	-
Occupation:								
Machine operatives, miscellaneous specified	151	146	5	5	-	-	-	-
Machine operatives, not specified	28	28	-	-	-	-	-	-
Miscellaneous operatives	111	107	4	-	-	4	-	-
Not specified operatives	52	43	9	9	-	-	-	-
Industry:								
Manufacturing	276	262	14	14	-	-	-	-
Durable goods	242	228	14	14	-	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-
Primary metal industries	57	57	-	-	-	-	-	-
Fabricated metal industries	25	25	-	-	-	-	-	-
Machinery, including electrical	43	43	-	-	-	-	-	-
Motor vehicles and equipment	9	9	-	-	-	-	-	-
Transportation equipment, except motor vehicles	55	41	14	14	-	-	-	-
Other durable goods	53	53	-	-	-	-	-	-
Nondurable goods	34	34	-	-	-	-	-	-
Food and kindred products	12	12	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Paper and allied products	-	-	-	-	-	-	-	-
Chemicals and allied products	-	-	-	-	-	-	-	-
Other nondurable goods	22	22	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	66	62	4	-	-	4	-	-
Transportation, communications, and other public utilities	36	36	-	-	-	-	-	-
Wholesale and retail trade	21	21	-	-	-	-	-	-
All other industries	9	5	4	-	-	4	-	-
Transport equipment operatives	**496**	**352**	**101**	**13**	-	**88**	**43**	-
Bus drivers	20	-	20	-	-	20	-	-
Taxicab drivers and chauffeurs	54	54	-	-	-	-	-	-
Truck drivers and deliverymen	337	262	67	6	-	61	8	-
Other transport equipment operatives	85	36	14	7	-	7	35	-
Laborers, except farm	**941**	**740**	**165**	**24**	**14**	**127**	**36**	-
Construction laborers	195	171	24	-	6	18	-	-
Freight, stock, and material handlers	195	125	70	16	-	54	-	-
Other specified laborers	355	278	46	4	-	42	31	-
Miscellaneous and not specified laborers	196	166	25	4	8	13	5	-
Occupation:								
Miscellaneous laborers	38	30	3	-	-	3	5	-
Not specified laborers	158	136	22	4	8	10	-	-
Industry:								
Manufacturing	106	94	12	4	8	-	-	-
Durable goods	96	84	12	4	8	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-
Metal industries	50	50	-	-	-	-	-	-
Machinery, including electrical	8	-	8	-	8	-	-	-
Transportation equipment	17	13	4	4	-	-	-	-
Other durable goods	21	21	-	-	-	-	-	-
Nondurable goods	6	6	-	-	-	-	-	-
Food and kindred products	-	-	-	-	-	-	-	-
Not specified manufacturing industries	4	4	-	-	-	-	-	-
Nonmanufacturing industries	90	72	13	-	-	13	5	-
Railroads and railway express service	18	18	-	-	-	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	10	7	3	-	-	3	-	-
Wholesale and retail trade	28	23	-	-	-	-	5	-
All other industries	34	24	10	-	-	10	-	-
Farmers and farm managers	14	-	-	-	-	-	14	-
Farm laborers and farm foremen	**60**	**60**	-	-	-	-	-	-
Paid farm laborers and farm foremen	60	60	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**1 506**	**1 201**	**285**	**69**	**64**	**152**	**20**	-
Cleaning service workers	892	693	199	53	31	115	-	-
Food service workers	291	291	-	-	-	-	-	-
Cooks, except private household	131	131	-	-	-	-	-	-
Busboys and dishwashers	58	58	-	-	-	-	-	-
Health service workers	14	5	9	-	9	-	-	-
Personal service workers	62	42	-	-	-	-	20	-
Protective service workers	64	16	48	7	4	37	-	-
Firemen, fire protection	12	-	12	-	-	12	-	-
Guards and watchmen	31	16	15	7	4	4	-	-
Policemen and detectives	21	-	21	-	-	21	-	-
Private household workers	**54**	**54**	-	-	-	-	-	-

[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

TULSA 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	**5 468**	**4 505**	**842**	**173**	**223**	**446**	**116**	**5**
Professional, technical, and kindred workers	**573**	**243**	**330**	**20**	**44**	**266**	-	-
Accountants	19	19	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-
Librarians	9	-	9	-	-	9	-	-
Mathematical specialists	9	5	4	4	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	112	84	28	-	5	23	-	-
Dietitians	26	26	-	-	-	-	-	-
Registered nurses	66	38	28	-	5	23	-	-
Health technologists and technicians	44	44	-	-	-	-	-	-
Social scientists	9	9	-	-	-	-	-	-
Social and recreation workers	43	6	37	-	21	16	-	-
Teachers: College and university	-	-	-	-	-	-	-	-
Elementary and prekindergarten	196	42	154	-	12	142	-	-
Secondary	66	14	52	-	6	46	-	-
Other teachers	-	-	-	-	-	-	-	-
Engineering and science technicians	4	-	4	4	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	12	12	-	-	-	-	-	-
Actors and dancers	-	-	-	-	-	-	-	-
Authors, editors, and reporters	-	-	-	-	-	-	-	-
Other professional, technical, and kindred workers	50	8	42	12	-	30	-	-
Managers and administrators, except farm	**131**	**68**	**22**	**12**	**6**	**4**	**41**	-
Buyers, purchasing agents, and sales managers	-	-	-	-	-	-	-	-
Restaurant, cafeteria, and bar managers	18	4	-	-	-	-	14	-
School administrators	15	-	4	-	-	4	11	-
Other specified managers and administrators	49	31	12	6	6	-	6	-
Managers and administrators, n.e.c., salaried	39	33	6	6	-	-	-	-
Wholesale and retail trade	23	23	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	10	-	-	-	-	-	10	-
Wholesale and retail trade	10	-	-	-	-	-	10	-
Sales workers	**172**	**154**	**7**	-	**7**	-	**11**	-
Demonstrators, hucksters, and peddlers	-	-	-	-	-	-	-	-
Insurance, real estate agents, and brokers	11	6	-	-	-	-	5	-
Sales clerks, retail trade	118	112	-	-	-	-	6	-
Salesmen, retail trade	-	-	-	-	-	-	-	-
Other sales workers	43	36	7	-	7	-	-	-
Clerical and kindred workers	**774**	**647**	**127**	**66**	**21**	**40**	-	-
Bank tellers	14	14	-	-	-	-	-	-
Bookkeepers	41	35	6	-	-	6	-	-
Cashiers	72	69	3	-	-	3	-	-
Counter clerks, except food	16	16	-	-	-	-	-	-
Enumerators and interviewers	11	-	11	11	-	-	-	-
File clerks	39	39	-	-	-	-	-	-
Office machine operators	28	24	4	-	-	4	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-
Keypunch operators	23	19	4	-	-	4	-	-
Payroll and timekeeping clerks	-	-	-	-	-	-	-	-
Receptionists	14	5	9	-	5	4	-	-
Secretaries	81	73	8	8	-	-	-	-
Stenographers	9	5	4	4	-	-	-	-
Telephone operators	67	57	10	10	-	-	-	-
Typists	65	27	38	11	16	11	-	-
Other clerical and kindred workers	317	283	34	22	-	12	-	-
Craftsmen and kindred workers	**36**	**33**	**3**	-	**3**	-	-	-
Foremen, n.e.c.	-	-	-	-	-	-	-	-
Operatives, except transport	**329**	**313**	**10**	-	**3**	**7**	**6**	-
Assemblers	24	24	-	-	-	-	-	-
Bottling and canning operatives	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	-	-	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	14	8	-	-	-	-	6	-
Laundry and drycleaning operatives, including ironers	160	157	3	-	3	-	-	-
Graders and sorters, manufacturing	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	41	41	-	-	-	-	-	-
Sewers and stitchers	22	22	-	-	-	-	-	-
Textile operatives	4	4	-	-	-	-	-	-
Other specified operatives	59	52	7	-	-	7	-	-
Miscellaneous and not specified operatives	5	5	-	-	-	-	-	-
Manufacturing	5	5	-	-	-	-	-	-
Durable goods	-	-	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Other durable goods	-	-	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	5	5	-	-	-	-	-	-
Food and kindred products	-	-	-	-	-	-	-	-
Apparel and other fabricated textile products	5	5	-	-	-	-	-	-
Nonmanufacturing industries	-	-	-	-	-	-	-	-
Transport equipment operatives	-	-	-	-	-	-	-	-
Laborers, except farm	**82**	**74**	**4**	**4**	-	-	**4**	-
Farmers and farm managers	**4**	-	-	-	-	-	**4**	-
Farm laborers and farm foremen	**5**	-	-	-	-	-	-	**5**
Paid farm laborers and farm foremen	-	-	-	-	-	-	-	-
Unpaid family workers	5	-	-	-	-	-	-	5
Service workers, except private household[1]	**1 797**	**1 413**	**334**	**71**	**139**	**124**	**50**	-
Cleaning service workers	362	295	67	19	42	6	-	-
Chambermaids and maids	98	92	6	-	-	6	-	-
Food service workers	491	416	75	11	11	53	-	-
Cooks, except private household	180	134	46	7	6	33	-	-
Waiters and food counter workers	126	116	10	4	-	6	-	-
Health service workers	543	435	108	26	62	20	-	-
Nursing aides, orderlies, and attendants	437	355	82	12	53	17	-	-
Practical nurses	68	54	14	5	9	-	-	-
Personal service workers	215	134	36	-	18	18	45	-
Hairdressers and cosmetologists	83	38	-	-	-	-	45	-
Private household workers	**1 565**	**1 560**	**5**	-	-	**5**	-	-
Private household workers, living in	29	29	-	-	-	-	-	-
Private household workers, living out	1 536	1 531	5	-	-	5	-	-

[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	**7 148**	**580 312**	**16 283**	**21 903**	**60 398**	**66 957**	**59 533**	**120 018**	**117 139**	**49 501**	**38 327**	**30 253**	**40.4**
Professional, technical, and kindred workers	**98**	**78 864**	**240**	**976**	**7 601**	**12 908**	**10 754**	**19 626**	**15 137**	**5 029**	**3 629**	**2 964**	**38.5**
Accountants	5	7 575	–	20	724	1 274	974	1 745	1 462	577	480	319	39.6
Architects	–	521	–	4	16	60	94	125	111	54	30	27	41.9
Computer specialists	–	2 243	–	5	299	661	517	569	136	33	18	5	31.5
Engineers	–	11 983	5	13	475	1 344	1 504	3 787	3 146	909	493	307	42.0
Aeronautical and astronautical	–	543	–	–	5	45	87	207	152	28	15	4	41.5
Civil	–	1 939	–	7	98	186	243	562	399	204	135	105	42.7
Electrical and electronic	–	2 186	5	–	90	282	268	742	504	162	89	44	41.0
Mechanical	–	1 175	–	–	61	146	155	348	318	85	18	44	41.5
Other engineers	–	6 140	–	6	221	685	751	1 928	1 773	430	236	110	42.3
Lawyers and judges	6	3 312	–	–	36	439	393	760	644	330	272	438	45.4
Life and physical scientists	–	2 798	–	6	115	409	345	880	645	172	136	90	41.0
Chemists	–	983	–	–	50	219	166	245	199	57	25	22	37.3
Physicians, dentists, and related practitioners	–	5 910	–	6	204	650	690	1 426	1 531	416	393	594	44.9
Dentists	–	916	–	–	–	102	130	209	257	68	23	127	45.7
Pharmacists	–	1 500	–	–	175	229	134	286	271	109	154	142	42.4
Physicians, medical and osteopathic	–	2 638	–	–	13	261	314	681	733	203	187	246	45.7
Other related practitioners	–	856	–	6	16	58	112	250	270	36	29	79	44.4
Health technologists and technicians	–	1 199	–	35	273	241	134	228	212	14	39	23	31.9
Religious workers	–	4 300	–	11	253	480	544	1 232	764	362	302	352	42.0
Social scientists	–	712	–	–	36	148	62	225	171	39	26	5	39.9
Social and recreation workers	–	1 193	5	44	180	151	158	226	224	120	62	23	37.6
Teachers	14	13 187	58	81	1 362	2 896	2 182	3 239	1 903	632	527	307	35.0
College and university	–	4 168	16	30	401	763	756	1 158	604	165	162	113	36.0
Elementary and prekindergarten	4	2 442	17	14	238	548	389	562	348	139	125	62	35.3
Secondary	5	5 457	–	–	613	1 441	925	1 293	681	261	171	72	33.6
Engineering and science technicians	3	8 362	19	193	1 450	1 689	1 231	1 873	1 204	368	234	101	33.4
Draftsmen and surveyors	3	3 758	3	117	748	964	574	785	346	115	60	46	30.4
Electrical and electronic engineering technicians	–	1 908	–	13	229	333	332	523	320	71	70	17	35.9
Technicians, except health, and engineering and science	–	2 251	–	27	256	405	307	537	501	118	79	21	37.4
Airplane pilots	–	559	–	5	39	110	68	152	137	37	11	–	38.8
Writers, artists, and entertainers	70	4 768	120	285	756	787	602	861	794	272	135	156	33.6
Other professional, technical, and kindred workers	–	8 550	33	246	1 166	1 274	1 017	1 913	1 689	613	403	196	37.8
Managers and administrators, except farm	**102**	**73 079**	**154**	**516**	**3 517**	**6 251**	**7 591**	**18 204**	**18 918**	**7 689**	**5 617**	**4 622**	**45.2**
Buyers, purchasing agents, and sales managers	–	7 958	5	70	598	940	963	2 202	1 863	687	414	216	41.4
School administrators	5	2 721	–	9	15	143	260	917	731	291	235	120	45.2
Specified managers and administrators, public administration	–	5 538	9	20	88	249	341	1 263	1 963	701	509	395	49.1
Other specified managers and administrators	31	11 197	46	127	898	1 358	1 357	2 517	2 337	1 081	711	765	42.2
Managers and administrators, n.e.c., salaried	28	29 897	80	257	1 661	2 700	3 531	7 820	7 572	2 700	2 124	1 452	43.6
Manufacturing	16	5 021	12	5	176	390	606	1 527	1 404	418	299	184	43.7
Wholesale and retail trade	–	11 991	33	138	971	1 387	1 528	2 914	2 596	975	875	574	41.7
Transportation, communications, and other public utilities	–	2 892	–	5	126	250	312	747	784	323	249	96	45.1
All other industries	12	9 993	35	109	388	673	1 085	2 632	2 788	984	701	598	45.3
Managers and administrators, n.e.c., self-employed	38	15 768	14	33	257	861	1 139	3 485	4 452	2 229	1 624	1 674	49.7
Construction	–	2 498	4	17	32	201	229	761	691	229	193	141	45.1
Manufacturing	5	812	–	–	5	57	69	170	221	128	87	75	49.8
Wholesale and retail trade	26	8 757	–	11	181	452	618	1 907	2 479	1 290	945	874	49.9
All other industries	7	3 701	10	5	39	151	223	647	1 061	582	399	584	52.3
Sales workers	**1 590**	**38 480**	**1 101**	**1 175**	**3 886**	**4 458**	**3 956**	**8 116**	**7 494**	**3 158**	**2 505**	**2 631**	**40.7**
Insurance agents, brokers, and underwriters	16	4 940	9	11	470	694	576	1 187	1 086	301	264	342	41.0
Real estate agents and brokers	7	1 964	–	–	50	107	133	337	455	246	263	373	52.8
Sales representatives, manufacturing industries	6	3 462	19	16	184	460	538	911	750	299	184	101	40.6
Sales representatives, wholesale trade	–	7 766	19	88	547	1 042	942	2 016	1 689	695	421	307	41.2
Sales clerks, retail trade	114	8 846	570	702	1 478	867	691	1 270	1 311	645	606	706	35.9
Salesmen, retail trade	3	5 841	39	121	573	511	506	1 266	1 321	600	459	445	44.2
Salesmen of services and construction	12	1 630	13	36	138	247	213	443	253	116	119	52	38.8
Other sales workers	1 432	4 031	432	201	446	530	357	686	629	256	189	305	35.7
Clerical and kindred workers	**242**	**40 102**	**1 102**	**2 051**	**6 119**	**4 996**	**3 814**	**7 970**	**7 674**	**2 668**	**2 130**	**1 578**	**37.5**
Bank tellers and cashiers	52	2 474	346	532	648	229	88	211	194	57	68	101	22.8
Bookkeepers and billing clerks	3	3 239	10	68	480	429	373	546	589	257	226	261	39.8
Mail handlers and postal clerks	13	6 281	98	151	508	448	534	1 785	1 758	511	306	182	42.9
Other clerical and kindred workers	174	28 108	648	1 300	4 483	3 890	2 819	5 428	5 133	1 843	1 530	1 034	36.7
Craftsmen and kindred workers	**258**	**125 340**	**947**	**2 794**	**11 415**	**15 264**	**13 687**	**28 470**	**28 390**	**11 799**	**8 184**	**4 390**	**41.5**
Apparel craftsmen and upholsterers	–	988	6	42	103	78	117	182	195	111	79	75	43.1
Bakers	–	608	26	23	75	52	79	119	85	61	62	26	39.1
Cabinetmakers	–	692	13	9	56	94	74	50	193	69	86	48	47.6
Construction craftsmen	29	36 929	255	795	3 323	4 309	3 578	7 684	8 515	3 900	2 926	1 644	43.1
Carpenters	9	12 373	107	311	1 093	1 228	1 088	2 122	2 932	1 569	1 191	732	45.8
Excavating, grading, and road machine operators	–	6 359	10	60	489	616	718	1 282	1 680	748	548	208	45.0
Electricians	–	4 504	17	69	393	739	454	1 035	1 074	296	262	165	40.6
Masons and tile setters	–	2 135	25	84	221	280	214	687	348	125	97	54	38.5
Painters, construction and maintenance, and paperhangers	10	4 126	63	134	361	435	328	870	1 008	371	295	261	43.5
Plasterers and cement finishers	5	1 317	4	21	109	180	140	332	254	166	56	55	41.2
Plumbers and pipe fitters	–	4 005	22	61	350	418	417	858	888	477	377	137	43.6
Other construction craftsmen	5	2 110	7	55	307	413	219	498	331	148	100	32	36.1
Foremen, n.e.c.	19	15 083	13	56	539	1 365	1 758	4 089	4 247	1 671	1 031	314	44.3
Manufacturing	5	5 897	–	10	277	683	810	1 776	1 509	451	282	99	41.6
Nonmanufacturing industries	14	9 186	13	46	262	682	948	2 313	2 738	1 220	749	215	46.2
Linemen and servicemen, telephone and power	–	4 344	5	81	582	773	683	1 177	730	168	123	22	35.4
Locomotive engineers and firemen	–	413	–	–	–	27	36	77	127	73	57	16	50.2
Mechanics and repairmen	80	36 970	301	893	3 788	4 934	4 178	8 851	8 447	2 986	1 665	927	40.0
Air conditioning, heating, and refrigeration	–	1 249	6	28	123	136	159	350	271	79	59	38	39.9
Aircraft	–	7 799	17	38	498	869	737	2 156	2 376	746	283	79	43.1
Automobile, including body	26	12 741	130	522	1 465	1 868	1 351	2 849	2 645	954	569	388	38.6
Radio and television	–	2 100	9	44	213	336	283	534	415	131	85	50	38.1
Other mechanics and repairmen	54	13 081	139	261	1 489	1 725	1 648	2 962	2 740	1 076	669	372	39.3
Metal craftsmen, except mechanics	5	9 178	18	200	1 070	1 424	1 224	2 124	1 683	749	464	222	38.1
Machinists and job and die setters	–	5 126	4	105	655	806	687	1 247	855	409	249	109	37.5
Sheetmetal workers and tinsmiths	5	1 844	4	59	221	260	246	431	392	86	107	38	38.1
Tool and die makers	–	889	5	3	70	134	111	201	192	100	44	29	41.0
Other metal craftsmen	–	1 319	5	33	124	224	180	245	244	154	64	46	38.8
Printing craftsmen	15	2 579	48	161	431	395	320	554	318	160	101	91	34.0
Compositors and typesetters	–	1 276	31	82	190	137	148	283	186	80	66	73	36.8
Pressmen and plate printers, printing	15	979	12	74	213	185	144	197	86	35	15	18	30.2
Stationary engineers and power station operators	–	4 791	4	19	146	205	336	1 019	1 384	684	631	363	49.8
Other craftsmen and kindred workers	110	12 765	258	515	1 302	1 608	1 304	2 544	2 466	1 167	959	642	40.5

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	**544**	**69 346**	**2 607**	**4 253**	**11 031**	**9 872**	**7 723**	**12 801**	**11 538**	**4 624**	**3 233**	**1 664**	**34.5**
Assemblers	7	3 962	47	254	845	757	420	654	573	229	154	29	30.9
Checkers, examiners, and inspectors; manufacturing	–	2 451	5	45	398	513	331	481	464	127	81	6	34.0
Garage workers and gas station attendants	243	7 414	1 380	1 171	1 308	673	420	784	769	318	298	293	24.4
Laundry and drycleaning operatives, n.e.c	15	873	49	38	56	97	47	136	155	133	91	71	45.9
Meat cutters and butchers	–	3 118	54	101	290	421	388	671	543	275	219	156	39.5
Mine operatives, n.e.c	–	5 765	67	262	864	796	661	1 236	1 031	470	282	96	36.9
Packers and wrappers, except produce	4	1 589	99	188	284	154	131	255	241	109	68	60	32.7
Painters, manufactured articles	–	995	5	76	179	233	90	151	152	47	45	17	30.3
Precision machine operatives	12	3 082	16	77	557	563	491	589	406	233	96	54	33.3
Sawyers	–	675	9	45	82	97	64	120	134	65	36	23	38.4
Stationary firemen	–	647	–	9	62	60	60	180	133	57	61	25	42.4
Textile operatives	–	329	5	35	63	36	60	57	45	21	7	–	32.1
Welders and flamecutters	6	8 874	44	304	1 243	1 330	1 223	1 908	1 721	570	387	144	36.5
Other metalworking operatives	–	2 241	44	86	451	306	276	454	328	186	80	30	34.2
Other specified operatives	144	10 026	265	549	1 384	1 326	1 140	2 065	1 735	661	521	380	36.7
Miscellaneous and not specified operatives	113	17 305	518	1 013	2 965	2 510	1 921	3 060	3 108	1 123	807	280	34.3
Occupation:													
Machine operatives, miscellaneous specified	29	7 042	132	310	1 092	1 059	776	1 287	1 403	521	360	102	36.2
Machine operatives, not specified	–	2 648	54	107	338	503	385	481	479	198	81	22	34.2
Miscellaneous operatives	54	5 410	284	451	1 159	731	519	860	814	261	212	119	30.8
Not specified operatives	30	2 205	48	145	376	217	241	432	412	143	154	37	36.7
Industry:													
Manufacturing	32	12 535	262	740	2 101	2 056	1 478	2 224	2 144	798	562	170	33.8
Durable goods	20	7 482	145	444	1 329	1 335	888	1 333	1 116	516	289	87	32.7
Wood products, including furniture	9	453	16	43	52	63	18	42	94	67	41	17	43.2
Primary metal industries	–	875	17	25	79	87	111	223	206	85	37	5	40.3
Fabricated metal industries	–	1 429	32	99	276	223	174	241	215	103	36	30	32.4
Machinery, including electrical	8	2 161	25	155	568	507	232	364	186	66	49	9	28.3
Motor vehicles and equipment	–	247	5	–	78	50	41	24	35	4	10	–	29.1
Transportation equipment, except motor vehicles	–	904	–	28	85	217	171	187	115	73	21	7	33.6
Other durable goods	3	1 413	50	94	191	188	141	252	265	118	95	19	36.7
Nondurable goods	12	5 010	117	296	767	721	575	887	1 018	282	264	83	35.3
Food and kindred products	–	1 327	47	118	239	156	171	189	171	90	89	57	33.0
Apparel and other fabricated textile products	–	104	4	35	34	–	5	15	6	–	5	–	21.9
Paper and allied products	–	295	–	14	50	59	38	80	48	–	–	6	33.2
Chemicals and allied products	–	375	9	19	46	95	38	90	63	–	15	–	32.4
Other nondurable goods	12	2 909	57	110	398	411	323	513	730	192	155	20	38.0
Not specified manufacturing industries	–	43	–	–	5	–	15	4	10	–	9	–	...
Nonmanufacturing industries	81	4 770	256	273	864	454	443	836	964	325	245	110	36.1
Transportation, communications, and other public utilities	–	926	37	43	178	78	90	123	230	59	75	13	38.0
Wholesale and retail trade	38	1 209	103	110	231	161	126	193	174	56	51	4	30.0
All other industries	43	2 635	116	120	455	215	227	520	560	210	119	93	38.5
Transport equipment operatives	**129**	**36 168**	**579**	**1 297**	**3 831**	**4 373**	**4 306**	**8 534**	**7 272**	**2 931**	**2 064**	**981**	**39.3**
Bus drivers	13	1 909	63	57	141	101	69	265	472	281	323	137	50.5
Taxicab drivers and chauffeurs	–	1 130	16	21	120	99	70	176	244	145	100	139	47.6
Truck drivers and deliverymen	76	28 248	441	935	2 893	3 563	3 654	7 168	5 553	2 190	1 336	515	38.7
Other transport equipment operatives	40	4 881	59	284	677	610	513	925	1 003	315	305	190	38.2
Laborers, except farm	**1 151**	**35 866**	**3 574**	**4 044**	**5 918**	**3 345**	**2 534**	**4 864**	**5 352**	**2 516**	**2 152**	**1 567**	**32.1**
Construction laborers	67	8 769	365	881	1 415	858	661	1 428	1 581	723	569	288	36.4
Freight, stock, and material handlers	346	12 648	2 188	1 845	2 495	1 093	929	1 474	1 445	565	405	209	24.6
Other specified laborers	623	8 411	611	728	1 189	685	524	1 086	1 329	745	740	774	39.3
Miscellaneous and not specified laborers	115	6 038	410	590	819	709	420	876	997	483	438	296	35.8
Occupation:													
Miscellaneous laborers	11	1 592	55	82	188	192	139	249	263	191	167	66	40.6
Not specified laborers	104	4 446	355	508	631	517	281	627	734	292	271	230	33.8
Industry:													
Manufacturing	5	2 294	66	222	391	304	254	352	377	142	135	51	33.2
Durable goods	–	1 412	33	129	258	177	141	199	252	104	89	30	33.9
Wood products, including furniture	–	189	11	12	38	12	16	25	47	8	9	11	37.2
Metal industries	–	566	5	80	91	55	62	104	107	37	20	5	34.2
Machinery, including electrical	–	138	13	4	21	27	21	11	25	6	10	–	31.0
Transportation equipment	–	193	–	27	31	37	29	9	22	22	6	10	30.3
Other durable goods	–	326	4	6	77	46	13	50	51	31	44	4	38.4
Nondurable goods	5	862	33	88	129	122	113	147	125	38	46	21	32.6
Food and kindred products	–	408	19	49	52	52	51	49	78	9	32	17	33.1
Not specified manufacturing industries	–	20	–	5	4	5	–	6	–	–	–	–	...
Nonmanufacturing industries	110	3 744	344	368	428	405	166	524	620	341	303	245	38.1
Railroads and railway express service	–	604	–	27	68	74	31	92	106	104	83	19	45.9
Transportation, except railroads	–	165	14	19	14	11	15	47	19	4	9	13	37.0
Communications, and utilities and sanitary services	–	393	3	7	57	70	8	70	84	52	36	6	42.4
Wholesale and retail trade	55	1 180	190	153	140	132	75	141	168	74	42	65	29.1
All other industries	55	1 402	137	162	149	118	37	174	243	107	133	142	40.6
Farmers and farm managers	**63**	**28 938**	**60**	**143**	**648**	**1 063**	**1 597**	**4 348**	**6 846**	**4 437**	**4 349**	**5 447**	**54.7**
Farm laborers and farm foremen	**580**	**12 235**	**1 178**	**1 321**	**1 590**	**937**	**843**	**1 459**	**1 883**	**1 105**	**1 000**	**919**	**36.7**
Paid farm laborers and farm foremen	479	11 563	1 000	1 185	1 477	878	817	1 414	1 841	1 087	969	895	38.0
Unpaid family workers	101	672	178	136	113	59	26	45	42	18	31	24	21.0
Service workers, except private household[1]	**2 386**	**41 489**	**4 723**	**3 307**	**4 807**	**3 473**	**2 696**	**5 577**	**6 559**	**3 498**	**3 422**	**3 427**	**38.1**
Cleaning service workers	519	15 594	1 696	1 307	1 456	686	558	1 590	2 962	1 915	1 803	1 621	46.7
Food service workers	1 353	8 135	2 429	1 256	1 330	426	266	640	794	386	322	286	21.4
Cooks, except private household	305	3 190	738	334	518	203	121	335	464	208	144	125	25.1
Busboys and dishwashers	548	2 153	928	480	285	33	21	113	71	69	87	66	18.6
Health service workers	13	1 507	53	173	395	162	52	170	223	144	99	36	29.1
Personal service workers	136	4 669	259	179	522	521	462	771	689	245	374	647	40.1
Protective service workers	5	8 985	11	54	718	1 437	1 191	2 057	1 430	681	722	684	40.3
Firemen, fire protection	–	2 361	–	–	158	542	445	797	301	69	33	16	35.4
Guards and watchmen	–	2 636	7	38	146	139	181	352	604	357	426	386	52.5
Policemen and detectives	5	3 189	4	11	384	691	516	762	394	160	178	89	34.9
Private household workers	**5**	**405**	**18**	**26**	**35**	**17**	**32**	**49**	**76**	**47**	**42**	**63**	**48.4**

[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	**3 227**	**347 719**	**9 053**	**17 067**	**47 354**	**33 977**	**30 807**	**70 734**	**70 827**	**29 880**	**22 092**	**15 928**	**40.0**
Professional, technical, and kindred workers	**67**	**51 788**	**281**	**760**	**7 430**	**6 663**	**4 894**	**10 053**	**10 384**	**4 686**	**4 354**	**2 283**	**40.8**
Accountants	–	2 867	6	33	364	307	305	676	699	217	159	101	41.2
Computer specialists	–	352	4	4	95	100	37	75	22	10	–	5	28.7
Librarians	–	1 079	22	92	168	93	53	139	210	126	91	85	43.0
Mathematical specialists	–	92	–	–	20	20	–	16	15	6	5	10	...
Life and physical scientists	–	213	–	9	45	25	20	50	43	–	16	5	36.5
Registered nurses, dietitians, and therapists	–	9 209	26	74	1 020	950	968	2 159	2 158	828	614	412	42.3
Dietitians	–	422	4	–	70	31	46	57	114	46	33	21	45.3
Registered nurses	–	8 255	22	57	823	842	880	1 974	1 938	757	576	386	42.6
Health technologists and technicians	–	2 008	4	68	468	362	303	360	344	71	10	18	31.7
Social scientists	–	187	–	–	19	19	17	51	67	5	4	5	42.5
Social and recreation workers	4	1 968	12	11	240	229	146	318	502	218	215	77	45.6
Teachers: College and university	–	1 922	9	69	316	297	236	375	279	150	128	63	35.9
Elementary and prekindergarten	5	15 736	21	49	2 087	2 132	1 359	2 793	2 915	1 826	1 924	630	42.9
Secondary	–	6 286	5	9	1 121	1 109	531	1 050	1 231	510	586	134	38.5
Other teachers	17	1 507	88	38	161	105	122	270	212	136	100	275	43.9
Engineering and science technicians	–	810	–	42	167	130	70	223	91	42	35	10	34.7
Technicians, except health, and engineering and science	–	330	–	–	53	21	24	93	61	50	16	12	42.2
Writers, artists, and entertainers	19	2 221	59	135	363	255	234	405	456	129	97	88	36.6
Actors and dancers	–	65	5	16	16	17	–	–	5	–	6	–	...
Authors, editors, and reporters	–	685	–	19	94	115	80	105	137	50	40	45	38.3
Other professional, technical, and kindred workers	22	5 001	25	127	723	509	469	1 000	1 079	362	354	353	41.5
Managers and administrators, except farm	**24**	**15 958**	**48**	**122**	**531**	**838**	**1 133**	**3 659**	**4 549**	**2 202**	**1 567**	**1 309**	**48.6**
Buyers, purchasing agents, and sales managers	–	1 105	–	10	60	67	44	274	348	135	109	58	47.8
Restaurant, cafeteria, and bar managers	–	2 191	8	20	67	111	163	555	715	326	152	74	47.4
School administrators	–	549	14	4	35	19	25	107	128	115	71	31	50.5
Other specified managers and administrators	12	4 185	4	46	173	248	305	899	1 164	517	482	347	48.6
Managers and administrators, n.e.c., salaried	12	4 342	22	37	167	304	386	1 065	1 121	577	345	318	46.7
Wholesale and retail trade	–	1 636	–	–	45	112	139	401	478	231	127	103	47.5
Managers and administrators, n.e.c., self-employed	–	3 586	–	5	29	89	210	759	1 073	532	408	481	51.5
Wholesale and retail trade	–	2 267	–	5	19	71	137	469	641	335	319	271	51.7
Sales workers	**277**	**28 151**	**1 328**	**1 412**	**2 513**	**1 851**	**1 884**	**5 336**	**6 414**	**3 111**	**2 365**	**1 937**	**44.5**
Demonstrators, hucksters, and peddlers	–	2 646	9	43	273	361	409	550	491	193	141	176	39.1
Insurance, real estate agents, and brokers	–	2 192	–	22	147	101	191	501	610	237	187	196	47.2
Sales clerks, retail trade	125	18 248	1 126	1 016	1 445	999	866	3 292	4 313	2 237	1 726	1 228	45.9
Salesmen, retail trade	10	960	27	39	89	71	59	210	246	113	38	68	44.3
Other sales workers	142	4 105	166	292	559	319	359	783	754	331	273	269	39.6
Clerical and kindred workers	**394**	**117 777**	**2 351**	**7 832**	**21 846**	**12 887**	**11 690**	**25 672**	**21 053**	**6 868**	**4 715**	**2 863**	**35.9**
Bank tellers	4	2 303	8	48	339	313	304	662	495	59	34	41	37.1
Bookkeepers	20	18 176	155	554	2 018	1 805	1 830	4 649	4 235	1 448	931	551	40.9
Cashiers	98	9 166	678	842	1 369	723	763	1 806	1 710	568	440	267	36.2
Counter clerks, except food	5	1 650	30	146	288	120	111	367	349	90	77	72	38.5
Enumerators and interviewers	–	752	3	13	90	86	113	264	137	30	6	10	37.7
File clerks	11	2 196	141	270	537	233	135	313	331	122	83	31	28.2
Office machine operators	–	4 865	17	431	1 503	603	595	921	550	150	78	17	29.0
Bookkeeping and billing machine operators	–	777	–	55	210	104	83	191	82	32	20	–	31.2
Keypunch operators	–	2 788	8	291	930	405	394	421	248	58	33	–	27.0
Payroll and timekeeping clerks	–	847	–	43	134	90	47	249	161	76	32	15	39.4
Receptionists	18	3 651	120	332	737	334	349	794	548	181	153	103	34.3
Secretaries	46	30 040	295	1 699	6 620	4 008	3 456	6 337	4 815	1 326	941	543	33.5
Stenographers	4	1 974	4	65	466	234	210	388	365	134	81	27	35.2
Telephone operators	11	4 439	60	463	1 024	328	335	1 056	629	260	194	90	35.1
Typists	19	7 871	246	985	2 032	853	771	1 385	964	354	178	103	28.9
Other clerical and kindred workers	158	29 847	594	1 941	4 689	3 157	2 671	6 481	5 764	2 070	1 487	993	37.9
Craftsmen and kindred workers	**20**	**6 574**	**53**	**201**	**738**	**635**	**673**	**1 485**	**1 566**	**516**	**343**	**364**	**41.6**
Foremen, n.e.c	–	1 036	–	21	48	76	117	284	275	115	70	30	44.0
Operatives, except transport	**137**	**31 179**	**298**	**1 457**	**4 427**	**3 747**	**3 392**	**7 354**	**6 140**	**2 072**	**1 176**	**1 116**	**38.1**
Assemblers	18	3 368	33	178	605	537	475	895	501	107	29	8	33.5
Bottling and canning operatives	–	159	–	9	9	45	23	36	15	6	11	5	33.6
Checkers, examiners, and inspectors, manufacturing	11	1 993	13	98	294	246	274	556	344	115	44	9	36.3
Dressmakers and seamstresses, except factory	7	1 598	–	3	29	50	97	174	367	249	231	398	56.6
Laundry and drycleaning operatives, including ironers	9	3 612	51	156	244	239	258	801	1 008	394	241	220	45.6
Graders and sorters, manufacturing	–	239	–	–	20	39	26	68	54	21	6	5	40.1
Packers and wrappers, except produce	–	2 845	14	105	342	343	307	869	655	129	42	39	38.6
Sewers and stitchers	13	5 808	32	337	978	720	608	1 371	1 100	417	148	97	36.7
Textile operatives	–	383	5	22	63	72	66	99	51	–	5	–	32.2
Other specified operatives	70	5 558	79	245	816	661	587	1 158	1 103	390	279	240	38.4
Miscellaneous and not specified operatives	9	5 616	71	304	1 027	795	671	1 327	942	244	140	95	34.6
Manufacturing	5	4 720	54	259	850	719	571	1 112	767	185	130	73	34.2
Durable goods	5	2 893	5	197	555	500	424	625	439	81	44	23	32.2
Machinery, including electrical	–	1 992	5	159	424	401	327	383	238	38	17	–	30.1
Other durable goods	5	901	–	38	131	99	97	242	201	43	27	23	38.5
Nondurable goods, including not specified manufacturing	–	1 827	49	62	295	219	147	487	328	104	86	50	37.9
Food and kindred products	–	482	22	16	41	41	36	134	82	36	54	20	41.3
Apparel and other fabricated textile products	–	513	4	37	158	40	41	116	90	22	5	–	32.1
Nonmanufacturing industries	4	896	17	45	177	76	100	215	175	59	10	22	36.5
Transport equipment operatives	**–**	**1 122**	**27**	**29**	**129**	**149**	**104**	**227**	**245**	**97**	**52**	**63**	**40.4**
Laborers, except farm	**48**	**2 890**	**134**	**151**	**332**	**350**	**342**	**648**	**438**	**182**	**192**	**121**	**37.1**
Farmers and farm managers	**–**	**1 380**	**–**	**14**	**34**	**46**	**62**	**245**	**326**	**193**	**188**	**272**	**53.9**
Farm laborers and farm foremen	**42**	**1 317**	**41**	**65**	**125**	**75**	**56**	**330**	**336**	**153**	**91**	**45**	**44.0**
Paid farm laborers and farm foremen	36	828	35	49	104	50	45	252	136	75	46	36	40.2
Unpaid family workers	6	489	6	16	21	25	11	78	200	78	45	9	49.4
Service workers, except private household[1]	**1 530**	**75 822**	**3 980**	**4 623**	**8 490**	**6 090**	**5 855**	**13 829**	**16 405**	**7 870**	**5 232**	**3 448**	**41.4**
Cleaning service workers	94	7 202	280	235	421	485	500	1 222	1 866	1 007	691	495	47.5
Chambermaids and maids	20	2 132	39	73	189	156	175	393	559	249	166	133	45.7
Food service workers	919	31 022	2 764	2 356	2 769	2 018	2 245	5 566	6 621	3 145	2 283	1 255	41.0
Cooks, except private household	82	11 694	274	234	439	431	685	2 311	3 398	1 880	1 359	683	49.3
Waiters and food counter workers	654	14 136	2 106	1 705	1 945	1 291	1 085	2 315	2 195	701	534	259	30.1
Health service workers	34	18 026	302	826	2 134	1 656	1 446	3 872	4 225	1 985	1 106	474	41.8
Nursing aides, orderlies, and attendants	26	12 716	199	600	1 435	1 115	942	2 797	3 097	1 484	744	303	42.4
Practical nurses	–	2 908	9	37	233	314	296	611	713	314	258	123	44.2
Personal service workers	81	13 477	305	821	2 375	1 287	1 087	2 121	2 671	1 294	705	811	39.1
Hairdressers and cosmetologists	10	8 172	69	526	1 717	963	690	1 438	1 537	640	286	306	35.8
Private household workers	**688**	**13 761**	**512**	**401**	**759**	**646**	**722**	**1 896**	**2 971**	**1 930**	**1 817**	**2 107**	**51.5**
Private household workers, living in	–	491	–	7	16	21	–	35	76	99	113	124	59.6
Private household workers, living out	688	13 270	512	394	743	625	722	1 861	2 895	1 831	1 704	1 983	51.1

[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	**316**	**24 840**	**750**	**1 165**	**2 695**	**2 925**	**2 409**	**4 768**	**4 678**	**2 189**	**1 663**	**1 598**	**40.2**
Professional, technical, and kindred workers	4	1 697	15	45	196	289	188	348	250	129	91	146	38.3
Engineers	–	103	–	–	–	11	23	45	5	7	5	7	38.9
Lawyers and judges	–	10	–	–	–	–	2	–	–	–	–	8	...
Life and physical scientists	–	13	–	–	–	4	5	4	–	–	–	–	...
Physicians, dentists, and related practitioners	–	86	–	–	–	–	6	29	10	–	9	32	...
Health workers, except practitioners	–	100	10	–	20	18	6	18	22	6	–	–	...
Social and recreation workers	–	84	–	6	12	4	–	21	23	18	–	–	...
Teachers	4	454	5	11	61	72	51	99	63	52	27	13	37.7
Technicians, except health	–	207	–	9	56	55	36	26	13	8	4	–	28.5
Writers, artists, and entertainers	–	133	–	14	6	26	23	19	21	8	10	6	34.5
Other professional, technical, and kindred workers	–	507	–	5	41	99	36	87	93	30	36	80	43.3
Managers and administrators, except farm	8	903	21	15	46	87	64	145	230	106	70	119	48.2
Salaried	8	670	21	15	46	80	56	109	167	76	42	58	45.5
Manufacturing	–	51	6	–	–	5	11	12	10	7	–	–	...
Retail trade	–	183	–	–	38	37	9	13	40	10	11	25	40.8
All other industries	8	436	15	15	8	38	36	84	117	59	31	33	46.9
Self-employed	–	233	–	–	–	7	8	36	63	30	28	61	55.4
Retail trade	–	132	–	–	–	7	4	32	15	18	21	35	57.2
All other industries	–	101	–	–	–	–	4	4	48	12	7	26	53.9
Sales workers	41	400	20	13	48	66	60	103	41	14	13	22	34.4
Manufacturing and wholesale trade	35	87	14	–	8	4	21	29	3	8	–	–	...
Retail trade	–	170	6	11	19	21	16	40	29	6	9	13	38.0
All other industries	6	143	–	2	21	41	23	34	9	–	4	9	31.6
Clerical and kindred workers	10	1 610	41	115	227	312	151	336	283	73	36	36	33.6
Bookkeepers and billing clerks	–	35	–	–	10	–	–	–	25	–	–	–	...
Mail handlers and postal clerks	–	329	16	31	29	43	43	93	51	5	11	7	35.3
Other clerical and kindred workers	10	1 246	25	84	188	269	108	243	207	68	25	29	32.6
Craftsmen and kindred workers	–	3 737	9	95	333	545	454	947	730	304	164	156	39.6
Carpenters	–	207	–	8	13	33	12	29	77	10	5	20	46.1
Construction craftsmen, except carpenters	–	725	–	8	59	64	105	185	163	86	26	29	41.8
Automobile mechanics, including body repairmen	–	660	–	22	81	109	58	146	145	28	33	38	39.1
Mechanics and repairmen, except auto	–	747	–	–	54	118	90	247	122	68	34	14	39.5
Machinists	–	149	–	–	39	36	18	32	20	4	–	–	29.9
Metal craftsmen, except mechanics and machinists	–	73	–	–	12	9	8	13	20	7	–	4	...
Foremen, n.e.c.	–	204	–	–	13	37	26	86	25	10	–	7	38.0
Other craftsmen and kindred workers	–	972	9	57	62	139	137	209	158	91	66	44	38.9
Operatives, except transport	19	3 901	83	186	592	634	530	697	637	263	182	97	34.3
Assemblers	–	186	–	6	27	48	24	26	27	8	20	–	32.5
Garage workers and gas station attendants	7	385	22	12	32	39	42	87	107	19	16	9	40.2
Laundry and drycleaning operatives, including ironers	–	235	12	12	18	52	22	35	38	24	8	14	35.4
Precision machine operatives	–	117	–	6	29	26	5	42	3	–	6	–	29.5
Other operatives, except transport	12	2 978	49	150	486	469	437	507	462	212	132	74	33.8
Durable goods, manufacturing	–	1 256	10	76	222	263	179	200	187	73	23	23	31.6
Nondurable goods, including not specified manufacturing	12	726	16	35	108	102	116	152	99	46	35	17	34.4
Nonmanufacturing industries	–	996	23	39	156	104	142	155	176	93	74	34	37.2
Transport equipment operatives	–	1 923	18	50	192	217	220	490	384	185	99	68	40.4
Truck drivers	–	955	7	7	68	103	139	259	195	102	48	27	40.9
Other transport equipment operatives	–	968	11	43	124	114	81	231	189	83	51	41	39.8
Laborers, except farm	36	4 258	81	251	574	385	359	749	850	368	368	273	41.4
Construction laborers	–	1 043	5	39	144	85	91	203	241	94	86	55	42.8
Freight, stock, and material handlers	7	1 104	40	97	183	99	98	231	242	61	47	6	36.5
Other laborers, except farm	29	2 111	36	115	247	201	170	315	367	213	235	212	44.1
Manufacturing industries	–	387	5	16	66	32	41	89	65	14	40	19	38.8
Farmers and farm managers	–	297	–	6	–	6	5	20	48	17	52	143	64.5
Farm laborers and farm foremen	–	646	12	25	42	26	54	110	135	91	76	75	49.0
Service workers, except private household[1]	198	5 320	447	364	436	352	308	814	1 046	629	496	428	44.3
Cleaning service workers	39	2 961	192	161	229	145	189	432	638	393	294	288	47.1
Food service workers	97	1 156	228	137	124	82	43	160	150	112	58	62	30.8
Health service workers	13	161	–	6	19	17	13	62	22	8	14	–	39.1
Personal service workers	7	289	5	2	28	11	20	28	60	37	61	37	53.4
Protective service workers	–	243	–	6	13	31	16	54	33	22	44	24	45.5
Private household workers	–	148	3	–	9	6	16	9	44	10	16	35	52.0
Female employed	**246**	**23 027**	**569**	**1 027**	**2 829**	**2 380**	**2 331**	**4 610**	**4 577**	**2 093**	**1 385**	**1 226**	**40.2**
Professional, technical, and kindred workers	9	2 688	18	55	362	318	314	488	515	278	213	127	40.7
Registered nurses	–	291	–	10	17	34	43	86	61	27	5	8	39.8
Health workers, except nurses	–	226	–	–	34	36	70	40	41	5	–	–	33.1
Teachers, elementary and secondary schools	5	1 247	–	4	108	166	97	224	265	179	141	63	45.9
Technicians, except health	–	63	–	–	49	6	4	4	–	–	–	–	...
Other professional, technical, and kindred workers	4	861	18	41	154	76	100	134	148	67	67	56	38.1
Managers and administrators, except farm	–	364	–	5	13	11	22	99	84	67	26	37	48.8
Salaried	–	247	–	5	13	11	22	70	60	41	4	21	45.4
Self-employed	–	117	–	–	–	–	–	29	24	26	22	16	56.1
Sales workers	31	413	32	26	64	51	51	81	60	21	21	6	33.3
Retail trade	25	333	25	21	42	51	42	67	47	21	11	6	33.3
Clerical and kindred workers	41	3 441	180	415	919	484	370	554	318	92	67	42	27.1
Bookkeepers and cashiers	–	348	21	–	70	54	48	102	43	5	–	5	33.0
Office machine operators	–	176	–	30	97	10	6	13	20	–	–	–	23.0
Secretaries, stenographers, and typists	–	903	66	156	261	167	96	95	22	18	9	13	24.4
Other clerical and kindred workers	41	2 014	93	229	491	253	220	344	233	69	58	24	28.8
Craftsmen and kindred workers	–	328	4	14	47	83	35	51	77	4	–	13	32.3
Operatives, except transport	12	2 383	23	83	488	359	339	500	392	59	54	86	33.5
Sewers and stitchers	4	228	–	10	45	49	25	45	50	–	–	4	32.0
Laundry and drycleaning operatives, including ironers	4	482	9	12	40	28	80	96	140	14	18	45	42.5
Other operatives, except transport	4	1 673	14	61	403	282	234	359	202	45	36	37	31.6
Durable goods, manufacturing	4	956	5	26	275	229	141	199	57	5	6	13	28.8
Nondurable goods, including not specified manufacturing	–	353	9	27	58	46	35	70	56	21	26	5	35.2
Nonmanufacturing industries	–	364	–	8	70	7	58	90	89	19	4	19	39.3
Transport equipment operatives	–	47	–	–	4	–	6	11	8	10	8	–	...
Laborers, except farm	15	302	–	28	28	16	43	60	47	3	41	36	41.0
Farmers and farm managers	–	6	–	–	–	–	–	–	4	–	–	2	...
Farm laborers and farm foremen	–	37	–	6	–	–	–	–	11	15	5	–	...
Service workers, except private household[1]	98	7 669	282	365	778	823	841	1 848	1 490	657	325	260	39.0
Cleaning service workers	18	1 709	55	47	85	157	154	464	403	170	90	84	42.7
Food service workers	38	2 113	134	137	181	159	178	566	411	194	97	56	39.7
Health service workers	4	2 236	16	68	328	361	352	546	363	129	36	37	34.9
Practical nurses	–	344	5	–	49	74	61	101	30	20	–	4	33.6
Personal service workers	7	832	27	41	66	67	57	160	195	118	44	57	44.9
Protective service workers	–	15	–	–	–	–	6	5	–	4	–	–	...
Private household workers	40	5 349	30	30	126	235	310	918	1 571	887	625	617	51.5

[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													
Persons of Spanish Language													
Male employed	**140**	**6 963**	**261**	**314**	**1 171**	**1 177**	**711**	**1 581**	**1 139**	**244**	**181**	**184**	**33.9**
Professional, technical, and kindred workers	–	1 049	–	7	127	247	120	274	225	21	28	–	35.9
Engineers	–	141	–	–	16	29	7	32	57	–	–	–	40.8
Lawyers and judges	–	50	–	–	–	–	–	26	12	6	6	–	...
Life and physical scientists	–	37	–	–	14	–	–	23	–	–	–	–	...
Physicians, dentists, and related practitioners	–	71	–	–	–	6	–	45	6	–	14	–	...
Health workers, except practitioners	–	56	–	–	16	14	–	–	26	–	–	–	...
Social and recreation workers	–	28	–	–	8	6	–	–	14	–	–	–	...
Teachers	–	157	–	7	19	6	39	41	30	7	8	–	36.8
Technicians, except health	–	188	–	–	31	69	34	28	26	–	–	–	29.6
Writers, artists, and entertainers	–	80	–	–	6	34	6	24	10	–	–	–	...
Other professional, technical, and kindred workers	–	241	–	–	17	83	34	55	44	8	–	–	33.0
Managers and administrators, except farm	7	650	–	53	30	104	114	177	94	5	46	27	36.4
Salaried	7	529	–	53	14	104	107	137	76	–	22	16	34.4
Manufacturing	–	38	–	–	–	–	12	20	6	–	–	–	...
Retail trade	–	195	–	46	–	41	43	20	33	–	12	–	31.2
All other industries	7	296	–	7	14	63	52	97	37	–	10	16	36.2
Self-employed	–	121	–	–	16	–	7	40	18	5	24	11	44.4
Retail trade	–	71	–	–	8	–	–	33	11	–	8	11	...
All other industries	–	50	–	–	8	–	7	7	7	5	16	–	...
Sales workers	26	289	21	–	74	43	18	79	46	–	8	–	31.8
Manufacturing and wholesale trade	26	118	7	–	33	22	5	30	13	–	8	–	29.3
Retail trade	–	112	14	–	41	14	6	19	18	–	–	–	25.4
All other industries	–	59	–	–	–	7	7	30	15	–	–	–	...
Clerical and kindred workers	–	500	–	34	62	101	61	108	102	12	6	14	34.3
Bookkeepers and billing clerks	–	26	–	–	–	14	–	6	6	–	–	–	...
Mail handlers and postal clerks	–	40	–	–	–	7	–	27	6	–	–	–	...
Other clerical and kindred workers	–	434	–	34	62	80	61	75	90	12	6	14	33.4
Craftsmen and kindred workers	–	1 418	16	33	215	258	121	354	304	64	25	28	36.9
Carpenters	–	134	9	–	22	31	14	20	24	7	–	7	31.8
Construction craftsmen, except carpenters	–	281	–	–	15	52	14	62	115	9	–	14	44.6
Automobile mechanics, including body repairmen	–	135	–	–	26	45	27	25	5	–	–	7	29.6
Mechanics and repairmen, except auto	–	313	–	7	72	41	14	84	77	13	5	–	37.7
Machinists	–	42	–	–	7	–	13	22	–	–	–	–	...
Metal craftsmen, except mechanics and machinists	–	30	–	–	7	7	–	–	11	5	–	–	...
Foremen, n.e.c.	–	119	–	–	5	12	16	19	45	16	6	–	46.7
Other craftsmen and kindred workers	–	364	7	26	61	70	23	122	27	14	14	–	33.9
Operatives, except transport	–	1 036	50	26	285	188	146	202	100	25	–	14	29.2
Assemblers	–	29	–	–	6	8	–	7	–	8	–	–	...
Garage workers and gas station attendants	–	80	22	6	29	8	–	8	–	7	–	–	...
Laundry and drycleaning operatives, including ironers	–	28	–	–	–	8	–	20	–	–	–	–	...
Precision machine operatives	–	60	–	–	19	15	7	14	5	–	–	–	...
Other operatives, except transport	–	839	28	20	231	149	139	153	95	10	–	14	29.7
Durable goods, manufacturing	–	287	5	6	71	32	69	35	69	–	–	–	32.1
Nondurable goods, including not specified manufacturing	–	187	6	14	63	52	11	22	19	–	–	–	26.0
Nonmanufacturing industries	–	365	17	–	97	65	59	96	7	10	–	14	30.3
Transport equipment operatives	–	362	24	25	69	49	42	82	58	6	7	–	31.7
Truck drivers	–	210	6	17	17	43	28	48	38	6	7	–	33.9
Other transport equipment operatives	–	152	18	8	52	6	14	34	20	–	–	–	24.8
Laborers, except farm	30	689	32	49	191	63	51	125	58	43	37	40	30.9
Construction laborers	–	173	–	13	35	32	7	39	26	13	–	8	34.6
Freight, stock, and material handlers	15	250	26	17	90	24	20	51	14	8	–	–	24.6
Other laborers, except farm	15	266	6	19	66	7	24	35	18	22	37	32	38.1
Manufacturing industries	–	20	–	–	11	–	–	5	–	–	4	–	...
Farmers and farm managers	–	77	–	–	–	–	–	31	14	8	6	18	...
Farm laborers and farm foremen	–	298	14	12	57	66	19	60	36	18	6	10	30.0
Service workers, except private household[1]	77	590	104	75	61	58	19	89	97	42	12	33	29.7
Cleaning service workers	28	152	23	28	13	–	–	8	33	9	12	26	46.2
Food service workers	25	208	43	32	37	14	7	23	19	26	–	7	23.9
Health service workers	–	14	6	8	–	–	–	–	–	–	–	–	...
Personal service workers	9	87	17	–	–	13	6	17	34	–	–	–	...
Protective service workers	–	82	–	–	11	25	6	33	–	7	–	–	...
Private household workers	–	5	–	–	–	–	–	–	5	–	–	–	...
Female employed	**19**	**3 618**	**144**	**242**	**852**	**569**	**384**	**645**	**557**	**126**	**68**	**31**	**30.0**
Professional, technical, and kindred workers	4	585	8	12	118	142	64	128	89	8	12	4	31.0
Registered nurses	–	124	–	–	–	37	24	28	20	8	7	–	35.4
Health workers, except nurses	–	39	–	–	6	13	–	15	–	–	5	–	...
Teachers, elementary and secondary schools	–	225	–	7	66	54	29	64	5	–	–	–	28.7
Technicians, except health	–	16	–	–	8	–	–	–	8	–	–	–	...
Other professional, technical, and kindred workers	4	181	8	5	38	38	11	21	56	–	–	4	30.7
Managers and administrators, except farm	–	106	–	–	7	41	–	37	7	–	14	–	36.4
Salaried	–	85	–	–	7	41	–	37	–	–	–	–	...
Self-employed	–	21	–	–	–	–	–	–	7	–	14	–	...
Sales workers	–	234	6	9	70	26	8	69	46	–	–	–	33.8
Retail trade	–	203	6	9	58	26	8	50	46	–	–	–	31.6
Clerical and kindred workers	–	1 124	22	81	350	180	142	171	118	41	13	6	28.0
Bookkeepers and cashiers	–	191	13	13	26	36	27	19	44	6	7	–	31.4
Office machine operators	–	46	–	–	7	14	–	12	–	13	–	–	...
Secretaries, stenographers, and typists	–	452	–	48	197	78	45	41	27	16	–	–	24.5
Other clerical and kindred workers	–	435	9	20	120	52	70	99	47	6	6	6	31.2
Craftsmen and kindred workers	–	55	–	–	7	7	8	12	15	6	–	–	...
Operatives, except transport	–	385	19	5	94	78	45	65	60	13	6	–	29.8
Sewers and stitchers	–	99	12	5	14	26	12	11	19	–	–	–	...
Laundry and drycleaning operatives, including ironers	–	79	–	–	13	5	22	14	19	6	–	–	...
Other operatives, except transport	–	207	7	–	67	47	11	40	22	7	6	–	28.1
Durable goods, manufacturing	–	86	–	–	36	18	11	5	16	–	–	–	...
Nondurable goods, including not specified manufacturing	–	78	–	–	27	29	–	16	6	–	–	–	...
Nonmanufacturing industries	–	43	7	–	4	–	–	19	–	7	6	–	...
Transport equipment operatives	–	9	–	–	–	–	–	–	9	–	–	–	...
Laborers, except farm	–	25	–	6	–	5	–	6	–	8	–	–	...
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	24	–	–	–	–	–	7	–	10	–	7	...
Service workers, except private household[1]	15	1 029	89	129	194	90	117	137	203	40	23	7	30.5
Cleaning service workers	–	122	8	15	7	13	16	28	17	12	6	–	35.7
Food service workers	15	425	62	54	74	34	62	52	80	–	7	–	28.3
Health service workers	–	283	12	41	76	29	19	36	55	15	–	–	27.2
Practical nurses	–	54	–	–	33	8	–	5	–	8	–	–	...
Personal service workers	–	133	–	13	34	8	7	13	45	13	–	–	38.5
Protective service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Private household workers	–	42	–	–	12	–	–	13	10	–	–	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
OKLAHOMA CITY SMSA												
Total												
Male employed	1 903	157 793	4 566	6 231	18 337	20 282	17 720	33 640	30 814	11 233	8 606	6 364	38.5
Professional, technical, and kindred workers	39	26 730	82	326	2 759	4 359	3 900	6 531	5 103	1 602	1 195	873	38.0
Accountants	5	2 597	–	11	304	435	316	569	453	214	215	80	39.1
Architects	–	231	–	4	11	30	59	38	44	23	15	7	38.0
Computer specialists	–	840	–	–	99	243	239	173	54	23	4	5	31.6
Engineers	–	4 671	5	7	184	539	672	1 454	1 183	309	196	122	41.4
Aeronautical and astronautical	–	231	–	–	5	30	39	74	73	–	6	4	40.6
Civil	–	818	–	7	52	88	95	216	158	91	61	50	42.7
Electrical and electronic	–	1 107	5	–	32	153	168	372	246	73	49	9	40.3
Mechanical	–	343	–	–	26	28	76	97	91	20	–	5	39.3
Other engineers	–	2 172	–	–	69	240	294	695	615	125	80	54	41.9
Lawyers and judges	–	1 278	–	–	11	229	178	275	238	80	146	121	43.0
Life and physical scientists	–	934	–	–	50	92	93	355	218	44	40	42	41.5
Chemists	–	188	–	–	20	34	33	36	44	9	5	7	36.9
Physicians, dentists, and related practitioners	–	1 877	–	–	96	266	251	489	411	127	101	136	41.7
Dentists	–	235	–	–	–	22	42	60	51	21	5	34	43.9
Pharmacists	–	443	–	–	91	59	31	54	87	34	71	16	42.5
Physicians, medical and osteopathic	–	1 030	–	–	5	179	134	320	229	62	25	76	41.2
Other related practitioners	–	169	–	–	–	6	44	55	44	10	–	10	41.3
Health technologists and technicians	–	457	–	12	109	80	52	83	98	5	18	–	32.6
Religious workers	–	777	–	6	41	93	116	231	123	59	38	70	40.7
Social scientists	–	248	–	–	4	55	36	69	74	5	5	–	39.2
Social and recreation workers	–	367	5	22	120	19	30	62	51	58	–	–	32.9
Teachers	4	3 614	23	36	325	774	661	843	568	160	106	118	34.9
College and university	–	1 517	5	10	85	280	352	370	237	55	47	76	35.7
Elementary and prekindergarten	4	463	8	14	57	117	41	102	56	28	19	21	34.3
Secondary	–	1 185	–	–	164	334	228	227	142	53	32	5	32.1
Engineering and science technicians	–	2 800	–	66	508	563	411	614	401	117	93	27	33.2
Draftsmen and surveyors	–	1 069	–	41	292	270	129	197	93	25	12	10	28.7
Electrical and electronic engineering technicians	–	1 133	–	7	118	178	192	302	227	47	51	11	37.4
Technicians, except health, and engineering and science	–	1 013	–	11	140	165	137	231	252	47	30	–	37.3
Airplane pilots	–	137	–	–	27	10	17	35	36	12	–	–	39.1
Writers, artists, and entertainers	30	1 866	35	115	302	316	225	331	297	115	64	66	33.7
Other professional, technical, and kindred workers	–	3 160	14	36	455	460	424	714	638	216	124	79	37.7
Managers and administrators, except farm	29	22 415	53	201	1 274	2 216	2 433	6 003	5 678	2 050	1 349	1 158	43.4
Buyers, purchasing agents, and sales managers	–	3 070	–	27	217	390	367	859	748	200	178	84	41.2
School administrators	–	600	–	5	10	29	27	218	163	79	54	15	45.7
Specified managers and administrators, public administration	–	2 378	5	9	37	130	120	564	962	311	148	92	48.4
Other specified managers and administrators	16	3 483	4	63	354	430	477	870	694	272	122	197	39.8
Managers and administrators, n.e.c., salaried	8	9 497	40	75	560	1 005	1 164	2 652	2 223	807	554	417	42.2
Manufacturing	–	1 465	6	–	47	125	207	437	375	134	81	53	43.0
Wholesale and retail trade	–	3 466	21	35	307	525	442	891	584	264	228	169	39.5
Transportation, communications, and other public utilities	–	899	–	–	37	70	94	285	266	68	44	35	43.7
All other industries	8	3 667	13	40	169	285	421	1 039	998	341	201	160	43.7
Managers and administrators, n.e.c., self-employed	5	3 387	4	22	96	232	278	840	888	381	293	353	47.5
Construction	–	726	4	12	23	64	82	226	181	47	38	49	42.9
Manufacturing	–	223	–	–	5	14	22	43	61	27	31	20	49.5
Wholesale and retail trade	5	1 508	–	5	44	96	113	411	434	145	118	142	47.0
All other industries	–	930	–	5	24	58	61	160	212	162	106	142	52.4
Sales workers	367	13 123	346	394	1 441	1 779	1 453	2 736	2 539	1 019	655	761	39.2
Insurance agents, brokers, and underwriters	5	1 688	5	11	221	299	214	343	342	63	79	111	37.7
Real estate agents and brokers	7	610	–	–	6	26	50	91	164	80	71	122	53.0
Sales representatives, manufacturing industries	6	1 411	9	5	54	223	219	351	256	152	93	49	40.6
Sales representatives, wholesale trade	–	2 909	4	16	174	387	329	755	727	264	136	117	42.2
Sales clerks, retail trade	29	2 652	226	221	556	328	233	310	328	173	107	170	29.9
Salesmen, retail trade	–	1 632	10	32	184	167	167	386	354	145	97	90	41.6
Salesmen of services and construction	6	648	–	11	67	97	72	192	117	42	31	19	39.0
Other sales workers	314	1 573	92	98	179	252	169	308	251	100	41	83	34.9
Clerical and kindred workers	52	14 175	441	825	2 114	1 880	1 440	2 783	2 764	814	688	426	36.4
Bank tellers and cashiers	9	807	159	200	203	91	15	33	60	11	20	15	21.1
Bookkeepers and billing clerks	–	967	–	34	191	149	103	158	159	69	32	72	35.4
Mail handlers and postal clerks	–	1 952	34	74	199	166	204	559	484	134	80	18	40.3
Other clerical and kindred workers	43	10 449	248	517	1 521	1 474	1 118	2 033	2 061	600	556	321	36.7
Craftsmen and kindred workers	77	33 685	248	865	3 608	4 525	3 913	7 464	7 347	2 798	1 896	1 021	39.9
Apparel craftsmen and upholsterers	–	278	6	–	15	23	55	36	39	58	13	33	46.0
Bakers	–	211	5	14	16	40	39	27	35	10	15	10	33.9
Cabinetmakers	–	235	13	5	16	43	10	15	66	26	30	11	47.3
Construction craftsmen	10	8 585	80	236	882	1 146	843	1 835	1 917	764	566	316	41.0
Carpenters	–	2 668	51	91	320	316	216	518	530	266	210	150	41.6
Excavating, grading, and road machine operators	–	635	–	14	77	64	29	141	179	63	54	14	44.5
Electricians	–	1 311	5	25	136	208	119	214	387	104	63	50	42.6
Masons and tile setters	–	646	4	10	67	90	76	197	111	51	40	–	38.9
Painters, construction and maintenance, and paperhangers	5	1 209	14	59	78	142	132	245	316	87	70	66	42.3
Plasterers and cement finishers	5	444	–	10	20	79	57	129	75	51	15	8	39.3
Plumbers and pipe fitters	–	1 046	6	19	89	111	145	248	215	101	84	28	41.2
Other construction craftsmen	–	626	–	8	95	136	69	143	104	41	30	–	35.3
Foremen, n.e.c.	10	4 523	–	23	238	455	540	1 195	1 256	447	296	73	43.4
Manufacturing	5	1 604	–	6	125	187	260	479	368	92	69	18	39.7
Nonmanufacturing industries	5	2 919	–	17	113	268	280	716	888	355	227	55	45.7
Linemen and servicemen, telephone and power	–	1 053	–	5	187	181	208	252	177	15	21	7	33.7
Locomotive engineers and firemen	–	112	–	–	–	4	20	37	31	5	15	–	43.6
Mechanics and repairmen	25	10 833	88	304	1 237	1 490	1 242	2 499	2 466	812	424	271	39.2
Air conditioning, heating, and refrigeration	–	451	–	21	54	59	54	123	93	23	4	20	38.0
Aircraft	–	2 800	7	25	220	265	246	641	914	298	134	50	44.9
Automobile, including body	11	3 283	43	157	358	503	359	803	630	207	117	106	37.8
Radio and television	–	797	5	15	107	161	84	186	165	31	17	26	36.4
Other mechanics and repairmen	14	3 502	33	86	498	502	499	746	664	253	152	69	36.8
Metal craftsmen, except mechanics	–	2 533	9	46	379	423	325	559	468	154	104	66	36.5
Machinists and job and die setters	–	1 309	4	29	225	259	152	295	206	55	43	41	34.5
Sheetmetal workers and tinsmiths	–	693	–	14	90	93	88	150	163	42	42	11	39.1
Tool and die makers	–	311	–	3	44	40	38	88	66	27	5	–	38.5
Other metal craftsmen	–	220	5	–	20	31	47	26	33	30	14	14	37.7
Printing craftsmen	10	851	5	34	183	172	97	166	79	86	24	5	31.6
Compositors and typesetters	–	377	5	21	82	52	41	101	19	36	15	5	33.5
Pressmen and plate printers, printing	10	336	–	13	94	77	38	35	40	35	4	–	29.0
Stationary engineers and power station operators	–	609	–	11	34	41	71	110	119	80	91	52	48.2
Other craftsmen and kindred workers	22	3 862	42	187	421	507	463	733	694	341	297	177	39.2

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
OKLAHOMA CITY SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**120**	**14 707**	**618**	**984**	**2 758**	**2 221**	**1 648**	**2 402**	**2 277**	**734**	**705**	**360**	**32.3**
Assemblers	–	886	10	76	253	175	69	127	96	24	56	–	28.0
Checkers, examiners, and inspectors; manufacturing	–	820	–	29	149	228	148	122	108	30	–	6	30.1
Garage workers and gas station attendants	52	1 552	335	251	216	163	101	168	153	43	53	69	24.4
Laundry and drycleaning operatives, n.e.c	–	219	16	10	–	34	21	33	34	22	17	32	43.6
Meat cutters and butchers	–	874	10	13	104	78	88	188	182	78	109	24	42.7
Mine operatives, n.e.c	–	365	16	21	29	44	44	69	72	36	26	8	39.1
Packers and wrappers, except produce	–	588	29	51	110	58	37	70	136	42	24	31	36.3
Painters, manufactured articles	–	319	–	26	48	72	25	71	46	11	20	–	32.7
Precision machine operatives	–	454	5	10	83	70	78	75	90	20	11	12	33.8
Sawyers	–	107	4	15	12	5	5	29	16	5	–	16	39.3
Stationary firemen	–	135	–	–	13	16	30	27	11	4	25	9	38.1
Textile operatives	–	16	–	–	5	5	–	–	6	–	–	–	...
Welders and flamecutters	–	1 739	10	105	264	268	293	237	338	129	72	23	33.8
Other metalworking operatives	–	555	14	26	104	120	81	73	93	26	9	9	30.8
Other specified operatives	46	2 358	72	140	401	334	262	534	338	100	124	53	34.4
Miscellaneous and not specified operatives	22	3 720	97	211	967	551	366	579	558	164	159	68	30.5
Occupation:													
Machine operatives, miscellaneous specified	8	1 403	42	66	322	258	123	245	195	62	75	15	30.5
Machine operatives, not specified	–	533	10	21	112	101	73	85	95	26	10	–	31.5
Miscellaneous operatives	10	1 306	42	95	399	173	111	178	175	45	39	49	28.4
Not specified operatives	4	478	3	29	134	19	59	71	93	31	35	4	34.6
Industry:													
Manufacturing	4	2 264	55	145	633	413	234	314	248	98	86	38	28.6
Durable goods	–	1 555	22	74	509	314	148	215	154	60	35	24	27.7
Wood products, including furniture	–	93	4	9	9	13	–	4	27	4	11	12	...
Primary metal industries	–	34	–	–	9	8	8	–	9	–	–	–	...
Fabricated metal industries	–	226	6	14	59	32	17	39	21	21	5	12	30.6
Machinery, including electrical	–	876	3	40	345	219	62	133	54	14	6	–	26.1
Motor vehicles and equipment	–	87	5	–	42	12	11	4	9	–	4	–	...
Transportation equipment, except motor vehicles	–	88	–	–	9	7	21	21	16	9	5	–	...
Other durable goods	–	151	4	11	36	23	29	14	18	12	4	–	30.3
Nondurable goods	4	691	33	71	124	99	86	95	89	38	42	14	31.1
Food and kindred products	–	373	11	30	59	40	52	58	47	34	28	14	34.5
Apparel and other fabricated textile products	–	4	4	–	–	–	–	–	–	–	–	–	...
Paper and allied products	–	51	–	4	10	21	–	11	5	–	–	–	...
Chemicals and allied products	–	24	6	–	–	–	–	8	–	–	10	–	...
Other nondurable goods	4	239	12	37	55	38	34	18	37	4	4	–	27.0
Not specified manufacturing industries	–	18	–	–	–	–	–	4	5	–	9	–	...
Nonmanufacturing industries	18	1 456	42	66	334	138	132	265	310	66	73	30	35.6
Transportation, communications, and other public utilities	–	193	–	28	35	11	21	38	36	14	10	–	35.4
Wholesale and retail trade	14	322	24	24	85	59	42	64	19	–	5	–	27.4
All other industries	4	941	18	14	214	68	69	163	255	52	58	30	40.4
Transport equipment operatives	**26**	**9 873**	**151**	**385**	**1 071**	**1 207**	**1 266**	**2 583**	**1 916**	**655**	**463**	**176**	**38.3**
Bus drivers	–	341	–	11	66	34	10	43	69	47	57	4	45.9
Taxicab drivers and chauffeurs	–	277	11	11	29	16	15	71	85	4	10	25	43.0
Truck drivers and deliverymen	21	7 592	126	262	735	965	1 066	2 069	1 478	515	294	82	38.1
Other transport equipment operatives	5	1 663	14	101	241	192	175	400	284	89	102	65	37.7
Laborers, except farm	**216**	**8 862**	**943**	**1 162**	**1 655**	**825**	**714**	**1 147**	**1 148**	**513**	**425**	**330**	**29.1**
Construction laborers	25	1 749	112	204	404	141	107	252	317	106	63	43	30.6
Freight, stock, and material handlers	46	4 034	596	598	861	358	370	473	437	172	118	51	24.8
Other specified laborers	132	1 972	150	156	257	169	155	251	292	160	182	200	38.9
Miscellaneous and not specified laborers	13	1 107	85	204	133	157	82	171	102	75	62	36	29.2
Occupation:													
Miscellaneous laborers	–	263	7	25	38	61	31	48	4	29	14	6	30.1
Not specified laborers	13	844	78	179	95	96	51	123	98	46	48	30	28.6
Industry:													
Manufacturing	–	310	7	77	37	52	43	24	24	15	25	6	28.3
Durable goods	–	212	7	48	24	38	33	17	13	15	17	–	28.6
Wood products, including furniture	–	9	–	–	–	–	5	–	4	–	–	–	...
Metal industries	–	79	–	35	11	5	11	6	6	5	–	–	...
Machinery, including electrical	–	28	7	4	–	–	8	–	3	6	–	–	...
Transportation equipment	–	47	–	9	6	17	9	–	–	–	6	–	...
Other durable goods	–	49	–	–	7	16	–	11	–	4	11	–	...
Nondurable goods	–	98	–	29	13	14	10	7	11	–	8	6	...
Food and kindred products	–	72	–	21	13	14	10	–	5	–	3	6	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	13	797	78	127	96	105	39	147	78	60	37	30	29.6
Railroads and railway express service	–	92	–	12	8	24	4	15	9	6	8	6	...
Transportation, except railroads	–	70	–	15	–	5	10	26	5	–	4	5	...
Communications, and utilities and sanitary services	–	90	–	–	24	17	8	15	14	12	–	–	...
Wholesale and retail trade	–	260	38	57	26	25	11	28	23	22	16	14	26.8
All other industries	13	285	40	43	38	34	6	63	27	20	9	5	28.2
Farmers and farm managers	**12**	**1 464**	**14**	**5**	**23**	**36**	**65**	**273**	**316**	**235**	**228**	**269**	**55.0**
Farm laborers and farm foremen	**43**	**866**	**110**	**100**	**75**	**53**	**65**	**121**	**143**	**50**	**87**	**62**	**37.5**
Paid farm laborers and farm foremen	36	790	89	86	61	53	60	115	137	50	77	62	39.0
Unpaid family workers	7	76	21	14	14	–	5	6	6	–	10	–	...
Service workers, except private household[1]	**922**	**11 794**	**1 555**	**984**	**1 559**	**1 170**	**823**	**1 579**	**1 567**	**752**	**900**	**905**	**33.8**
Cleaning service workers	113	4 078	450	253	538	184	150	442	695	390	468	508	45.3
Food service workers	598	2 723	951	450	392	162	73	216	197	129	75	78	19.8
Cooks, except private household	136	1 084	309	137	159	64	30	122	125	81	32	25	23.0
Busboys and dishwashers	247	683	333	174	64	11	–	28	14	17	21	21	18.1
Health service workers	13	509	22	102	139	85	17	45	23	30	34	12	24.7
Personal service workers	76	1 088	67	64	110	133	137	158	149	41	102	127	37.1
Protective service workers	–	2 633	4	10	262	543	391	641	336	123	186	137	36.7
Firemen, fire protection	–	768	–	–	41	234	151	213	94	16	19	–	33.6
Guards and watchmen	–	737	–	–	65	45	48	131	148	79	108	113	50.4
Policemen and detectives	–	1 027	4	5	156	249	176	292	84	18	39	4	32.8
Private household workers	–	**99**	**5**	–	–	**11**	–	**18**	**16**	**11**	**15**	**23**	...

[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

OKLAHOMA CITY 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	**857**	**104 283**	**2 698**	**5 578**	**16 828**	**11 433**	**9 401**	**20 878**	**19 654**	**7 798**	**5 570**	**4 445**	**38.0**
Professional, technical, and kindred workers	**9**	**16 151**	**102**	**272**	**2 742**	**2 487**	**1 607**	**2 983**	**3 122**	**1 136**	**1 024**	**676**	**37.9**
Accountants	–	1 104	–	18	174	92	107	251	289	97	45	31	41.4
Computer specialists	–	145	4	–	31	37	9	35	14	10	–	5	30.3
Librarians	–	391	18	24	67	50	12	36	107	29	–	48	41.8
Mathematical specialists	–	58	–	–	11	5	–	11	10	6	5	10	...
Life and physical scientists	–	121	–	5	18	25	15	30	23	–	5	–	34.2
Registered nurses, dietitians, and therapists	–	2 866	20	26	392	384	340	633	639	172	153	107	39.3
Dietitians	–	130	4	–	22	23	–	18	32	20	11	–	43.9
Registered nurses	–	2 563	16	26	317	340	320	565	588	147	137	107	39.6
Health technologists and technicians	–	683	4	34	207	149	120	48	83	29	–	9	28.2
Social scientists	–	100	–	–	15	19	9	14	34	–	4	5	...
Social and recreation workers	–	599	6	6	111	110	54	43	135	50	35	49	37.9
Teachers: College and university	–	602	5	10	103	110	73	131	93	28	28	21	35.0
Elementary and prekindergarten	–	4 055	–	25	591	715	345	755	705	430	357	132	39.7
Secondary	–	1 811	5	4	377	383	135	316	316	83	168	24	35.0
Other teachers	9	472	16	5	79	38	43	93	74	49	25	50	40.9
Engineering and science technicians	–	324	–	14	38	57	27	96	44	14	24	10	37.7
Technicians, except health, and engineering and science	–	167	–	–	23	6	18	66	26	23	5	–	40.5
Writers, artists, and entertainers	–	822	18	30	185	110	121	120	142	35	39	22	32.8
Actors and dancers	–	16	–	5	5	–	–	–	–	–	6	–	...
Authors, editors, and reporters	–	240	–	–	47	63	39	22	46	6	10	7	31.3
Other professional, technical, and kindred workers	–	1 831	6	71	320	197	179	305	388	81	131	153	39.7
Managers and administrators, except farm	**9**	**4 537**	**30**	**64**	**226**	**312**	**346**	**1 060**	**1 171**	**602**	**382**	**344**	**47.0**
Buyers, purchasing agents, and sales managers	–	482	–	10	34	20	18	138	131	61	60	10	46.6
Restaurant, cafeteria, and bar managers	–	616	–	10	38	40	32	178	164	109	15	30	45.6
School administrators	–	170	14	–	6	10	7	41	33	35	24	–	47.1
Other specified managers and administrators	–	1 176	–	22	57	86	138	255	326	128	77	87	45.9
Managers and administrators, n.e.c., salaried	9	1 454	16	22	82	134	120	345	337	150	132	116	45.2
Wholesale and retail trade	–	426	–	–	21	35	43	105	129	48	31	14	45.7
Managers and administrators, n.e.c., self-employed	–	639	–	–	9	22	31	103	180	119	74	101	53.6
Wholesale and retail trade	–	355	–	–	9	18	21	46	91	79	35	56	54.2
Sales workers	**68**	**8 400**	**442**	**510**	**942**	**478**	**569**	**1 476**	**1 836**	**825**	**642**	**680**	**43.5**
Demonstrators, hucksters, and peddlers	–	622	–	–	91	77	109	124	102	49	24	46	37.7
Insurance, real estate agents, and brokers	–	877	–	14	56	51	104	180	211	112	53	96	46.6
Sales clerks, retail trade	31	5 212	383	352	558	245	225	838	1 152	567	485	407	45.0
Salesmen, retail trade	–	274	4	10	35	19	9	59	85	16	14	23	45.1
Other sales workers	37	1 415	55	134	202	86	122	275	286	81	66	108	38.9
Clerical and kindred workers	**119**	**41 475**	**816**	**2 818**	**8 454**	**4 651**	**3 804**	**8 747**	**7 175**	**2 528**	**1 557**	**925**	**35.2**
Bank tellers	–	608	–	16	144	99	58	160	108	15	–	8	33.9
Bookkeepers	9	4 925	18	176	578	474	447	1 363	1 089	415	220	145	40.6
Cashiers	31	3 045	290	349	487	207	227	580	491	181	146	87	34.2
Counter clerks, except food	–	583	16	50	101	57	32	139	124	35	23	6	37.6
Enumerators and interviewers	–	122	–	–	8	6	21	49	33	–	–	5	40.3
File clerks	5	1 036	61	141	262	109	60	102	171	64	44	22	27.5
Office machine operators	–	2 108	8	197	697	231	230	385	238	88	34	–	28.3
Bookkeeping and billing machine operators	–	235	–	15	75	24	10	77	9	16	9	–	31.8
Keypunch operators	–	1 230	8	149	444	169	131	163	121	35	10	–	25.4
Payroll and timekeeping clerks	–	337	–	20	40	39	19	123	52	25	14	5	39.1
Receptionists	6	1 273	53	105	287	142	87	255	203	69	45	27	32.8
Secretaries	6	10 710	35	425	2 490	1 530	1 316	2 214	1 674	519	296	211	33.3
Stenographers	–	835	4	35	236	115	63	105	179	63	30	5	32.2
Telephone operators	5	1 438	20	221	340	68	83	299	180	95	91	41	34.2
Typists	5	3 221	106	336	889	346	261	556	402	177	95	53	29.0
Other clerical and kindred workers	52	11 234	205	747	1 895	1 228	900	2 417	2 231	782	519	310	37.7
Craftsmen and kindred workers	**5**	**2 241**	**20**	**49**	**327**	**253**	**213**	**502**	**471**	**216**	**130**	**60**	**40.1**
Foremen, n.e.c	–	298	–	–	13	32	30	99	72	43	9	–	42.5
Operatives, except transport	**28**	**8 587**	**48**	**397**	**1 386**	**1 289**	**1 109**	**1 833**	**1 461**	**478**	**263**	**323**	**35.4**
Assemblers	8	1 357	–	84	306	296	203	318	117	15	14	4	29.9
Bottling and canning operatives	–	37	–	–	–	8	10	13	–	6	–	–	...
Checkers, examiners, and inspectors, manufacturing	6	477	–	6	80	46	119	144	62	20	–	–	34.5
Dressmakers and seamstresses, except factory	–	449	–	–	4	11	25	46	101	79	67	116	57.4
Laundry and dry cleaning operatives, including ironers	5	854	12	34	58	34	87	205	239	71	57	57	44.9
Graders and sorters, manufacturing	–	16	–	–	–	10	–	6	–	–	–	–	...
Packers and wrappers, except produce	–	783	–	34	90	104	111	173	218	44	9	–	38.0
Sewers and stitchers	–	484	5	30	37	52	38	96	132	51	26	17	43.3
Textile operatives	–	45	5	6	9	9	11	–	5	–	–	–	...
Other specified operatives	9	1 649	21	47	307	250	150	325	275	105	74	95	36.5
Miscellaneous and not specified operatives	–	2 436	5	156	495	469	355	507	312	87	16	34	31.3
Manufacturing	–	2 059	5	141	417	441	311	421	235	52	16	20	30.4
Durable goods	–	1 628	5	126	362	375	276	299	169	6	6	4	29.3
Machinery, including electrical	–	1 460	5	113	321	344	262	271	138	6	–	–	29.2
Other durable goods	–	168	–	13	41	31	14	28	31	–	6	4	29.8
Nondurable goods, including not specified manufacturing	–	431	–	15	55	66	35	122	66	46	10	16	38.6
Food and kindred products	–	80	–	–	–	2	–	29	18	26	5	–	...
Apparel and other fabricated textile products	–	94	–	10	25	–	14	19	18	8	–	–	...
Nonmanufacturing industries	–	377	–	15	78	28	44	86	77	35	–	14	37.7
Transport equipment operatives	**–**	**299**	**6**	**8**	**28**	**52**	**18**	**59**	**70**	**23**	**9**	**26**	**41.4**
Laborers, except farm	**12**	**1 011**	**48**	**57**	**103**	**153**	**120**	**237**	**138**	**48**	**74**	**33**	**36.0**
Farmers and farm managers	**–**	**82**	**–**	**–**	**4**	**7**	**5**	**18**	**–**	**4**	**12**	**32**	**...**
Farm laborers and farm foremen	**4**	**184**	**9**	**6**	**11**	**15**	**6**	**40**	**47**	**20**	**15**	**15**	**46.1**
Paid farm laborers and farm foremen	4	137	9	6	11	15	6	34	26	10	10	10	41.3
Unpaid family workers	–	47	–	–	–	–	–	6	21	10	5	5	...
Service workers, except private household[1]	**393**	**18 421**	**1 085**	**1 293**	**2 461**	**1 554**	**1 446**	**3 526**	**3 500**	**1 512**	**1 132**	**912**	**38.9**
Cleaning service workers	20	1 752	41	52	171	114	116	374	419	200	143	122	45.2
Chambermaids and maids	–	623	15	26	87	37	25	126	147	82	46	32	44.6
Food service workers	220	7 194	794	609	619	507	476	1 447	1 371	551	510	310	39.1
Cooks, except private household	28	2 236	93	44	87	75	127	510	599	291	238	172	48.0
Waiters and food counter workers	132	3 591	603	456	445	350	211	660	505	158	152	51	29.2
Health service workers	10	3 817	68	233	691	447	382	784	640	305	188	79	36.1
Nursing aides, orderlies, and attendants	6	2 273	41	146	408	248	212	455	423	187	100	53	36.8
Practical nurses	–	736	–	13	81	120	82	178	114	73	54	21	39.0
Personal service workers	48	3 858	127	259	744	326	293	566	764	330	171	278	38.2
Hairdressers and cosmetologists	–	2 179	14	189	542	252	164	349	346	175	49	99	32.8
Private household workers	**210**	**2 895**	**92**	**104**	**144**	**182**	**158**	**397**	**663**	**406**	**330**	**419**	**50.6**
Private household workers, living in	–	197	–	7	6	21	–	9	38	43	44	29	57.0
Private household workers, living out	210	2 698	92	97	138	161	158	388	625	363	286	390	50.0

[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

OKLAHOMA CITY 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	**153**	**9 212**	**282**	**369**	**972**	**1 316**	**1 075**	**1 845**	**1 780**	**658**	**469**	**446**	**38.2**
Professional, technical, and kindred workers	4	817	10	5	68	153	105	178	133	65	45	55	38.8
Engineers	–	59	–	–	–	11	5	35	–	3	5	–	...
Lawyers and judges	–	2	–	–	–	–	2	–	–	–	–	–	...
Life and physical scientists	–	9	–	–	–	–	5	4	–	–	–	–	...
Physicians, dentists, and related practitioners	–	44	–	–	–	–	6	17	10	–	–	11	...
Health workers, except practitioners	–	62	10	–	–	10	6	14	22	–	–	–	...
Social and recreation workers	–	37	–	–	–	–	–	13	6	18	–	–	...
Teachers	4	174	–	–	33	33	15	30	38	10	10	5	37.0
Technicians, except health	–	114	–	5	15	24	36	17	13	–	4	–	31.8
Writers, artists, and entertainers	–	69	–	–	–	16	12	13	4	8	10	6	...
Other professional, technical, and kindred workers	–	247	–	–	20	59	18	35	40	26	16	33	42.6
Managers and administrators, except farm	8	337	5	7	8	26	26	66	98	29	38	34	48.1
Salaried	8	230	5	7	8	26	22	39	60	22	27	14	46.3
Manufacturing	–	6	–	–	–	–	6	–	–	–	–	–	...
Retail trade	–	54	–	–	5	18	–	8	–	5	7	11	...
All other industries	8	170	5	7	3	8	16	31	60	17	20	3	47.5
Self-employed	–	107	–	–	–	–	4	27	38	7	11	20	50.9
Retail trade	–	46	–	–	–	–	–	27	15	–	4	–	...
All other industries	–	61	–	–	–	–	4	–	23	7	7	20	...
Sales workers	14	205	5	2	32	56	43	39	14	6	–	8	30.9
Manufacturing and wholesale trade	14	49	5	–	8	4	21	11	–	–	–	–	...
Retail trade	–	74	–	–	15	21	7	12	10	6	–	3	...
All other industries	–	82	–	2	9	31	15	16	4	–	–	5	...
Clerical and kindred workers	5	811	20	66	95	156	79	191	164	13	9	18	34.3
Bookkeepers and billing clerks	–	24	–	–	10	–	–	–	14	–	–	–	...
Mail handlers and postal clerks	–	180	–	19	22	24	34	52	24	–	5	–	33.7
Other clerical and kindred workers	5	607	20	47	63	132	45	139	126	13	4	18	34.6
Craftsmen and kindred workers	–	1 398	–	20	106	233	204	387	261	97	54	36	38.5
Carpenters	–	71	–	–	–	23	7	6	29	–	–	6	...
Construction craftsmen, except carpenters	–	252	–	5	15	9	37	86	62	33	5	–	42.0
Automobile mechanics, including body repairmen	–	181	–	–	21	43	35	44	16	5	5	12	33.8
Mechanics and repairmen, except auto	–	410	–	–	24	74	53	131	76	27	16	9	39.1
Machinists	–	50	–	–	10	8	6	17	9	–	–	–	...
Metal craftsmen, except mechanics and machinists	–	31	–	–	–	5	4	13	9	–	–	–	...
Foremen, n.e.c.	–	67	–	–	10	4	5	34	9	5	–	–	...
Other craftsmen and kindred workers	–	336	–	15	26	67	57	56	51	27	28	9	35.5
Operatives, except transport	12	1 582	40	91	251	313	193	270	232	93	72	27	32.5
Assemblers	–	88	–	6	18	24	7	8	18	–	7	–	...
Garage workers and gas station attendants	–	158	14	–	16	25	20	40	24	10	5	4	36.0
Laundry and drycleaning operatives, including ironers	–	89	–	12	–	19	11	15	12	8	8	4	...
Precision machine operatives	–	11	–	–	–	6	–	5	–	–	–	–	...
Other operatives, except transport	12	1 236	26	73	217	239	155	202	178	75	52	19	32.0
Durable goods, manufacturing	–	461	3	30	105	137	58	54	49	9	10	6	28.4
Nondurable goods, including not specified manufacturing	12	277	16	20	34	43	35	62	38	16	13	–	33.6
Nonmanufacturing industries	–	498	7	23	78	59	62	86	91	50	29	13	37.3
Transport equipment operatives	–	667	–	5	96	115	68	169	130	50	14	20	37.9
Truck drivers	–	317	–	–	31	39	27	95	69	41	5	10	41.5
Other transport equipment operatives	–	350	–	5	65	76	41	74	61	9	9	10	33.5
Laborers, except farm	–	1 525	11	71	212	167	198	245	326	110	106	79	39.2
Construction laborers	–	320	–	8	85	31	23	23	110	16	15	9	40.7
Freight, stock, and material handlers	–	482	–	31	80	48	52	108	105	33	25	–	37.8
Other laborers, except farm	–	723	11	32	47	88	123	114	111	61	66	70	40.3
Manufacturing industries	–	95	–	6	7	17	25	7	17	5	5	6	...
Farmers and farm managers	–	16	–	–	–	–	–	–	6	–	4	6	...
Farm laborers and farm foremen	–	80	6	–	–	–	4	10	35	16	5	4	...
Service workers, except private household[1]	110	1 724	185	102	104	97	155	290	369	174	112	136	42.6
Cleaning service workers	6	954	74	25	39	45	89	164	255	101	73	89	46.6
Food service workers	76	426	107	52	37	23	28	71	42	44	8	14	28.7
Health service workers	13	49	–	6	5	8	5	16	–	–	9	–	...
Personal service workers	–	82	–	–	9	–	16	6	6	13	22	10	...
Protective service workers	–	60	–	–	6	9	2	26	11	–	–	6	...
Private household workers	–	50	–	–	–	–	–	–	12	5	10	23	...
Female employed	**87**	**8 913**	**188**	**336**	**1 305**	**1 129**	**997**	**1 889**	**1 650**	**635**	**406**	**378**	**37.7**
Professional, technical, and kindred workers	–	1 172	18	8	163	160	142	217	239	92	67	66	39.4
Registered nurses	–	102	–	–	5	–	20	46	26	–	5	–	40.7
Health workers, except nurses	–	112	–	–	15	28	38	9	17	5	–	–	31.7
Teachers, elementary and secondary schools	–	530	–	4	50	82	43	98	129	69	41	14	43.8
Technicians, except health	–	20	–	–	16	–	–	4	–	–	–	–	...
Other professional, technical, and kindred workers	–	408	18	4	77	50	41	60	67	18	21	52	37.3
Managers and administrators, except farm	–	140	–	5	–	11	6	41	44	9	8	16	46.6
Salaried	–	107	–	5	–	11	6	30	35	9	–	11	45.4
Self-employed	–	33	–	–	–	–	–	11	9	–	8	5	...
Sales workers	5	127	6	11	25	18	29	11	23	4	–	–	30.6
Retail trade	5	105	6	11	20	18	20	6	20	4	–	–	29.3
Clerical and kindred workers	30	1 644	94	135	446	195	174	305	185	63	27	20	28.8
Bookkeepers and cashiers	–	131	15	–	35	10	15	36	10	5	–	5	31.8
Office machine operators	–	125	–	24	65	5	6	13	12	–	–	–	23.0
Secretaries, stenographers, and typists	–	396	44	35	108	62	42	63	18	11	9	4	25.9
Other clerical and kindred workers	30	992	35	76	238	118	111	193	145	47	18	11	31.3
Craftsmen and kindred workers	–	180	–	4	44	38	19	46	16	–	–	13	31.1
Operatives, except transport	4	1 182	11	35	250	234	175	255	154	31	4	33	31.7
Sewers and stitchers	–	43	–	6	6	4	–	5	18	–	–	4	...
Laundry and drycleaning operatives, including ironers	–	173	6	–	3	7	46	49	56	–	–	6	40.0
Other operatives, except transport	4	966	5	29	241	223	129	201	80	31	4	23	29.7
Durable goods, manufacturing	4	664	–	17	182	202	91	132	36	–	–	4	28.3
Nondurable goods, including not specified manufacturing	–	90	5	6	24	14	–	20	4	12	–	5	...
Nonmanufacturing industries	–	212	–	6	35	7	38	49	40	19	4	14	39.1
Transport equipment operatives	–	10	–	–	–	–	6	–	–	–	4	–	...
Laborers, except farm	8	147	–	22	21	11	8	28	24	–	23	10	39.1
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	11	–	–	–	–	–	–	11	–	–	–	...
Service workers, except private household[1]	33	2 730	54	100	338	345	335	710	487	169	113	79	37.7
Cleaning service workers	5	660	11	11	63	59	57	195	154	64	25	21	41.6
Food service workers	14	616	25	23	62	65	71	191	84	50	35	10	38.2
Health service workers	–	898	6	36	135	193	134	227	120	12	14	21	32.9
Practical nurses	–	184	–	–	23	44	27	68	15	3	–	4	34.6
Personal service workers	–	249	6	–	29	9	20	60	72	16	15	22	45.1
Protective service workers	–	11	–	–	–	–	6	5	–	–	–	–	...
Private household workers	7	1 570	5	16	18	117	103	276	467	267	160	141	50.4

[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
TULSA SMSA													
Total													
Male employed	**1 271**	**118 316**	**3 120**	**3 456**	**11 905**	**15 610**	**13 083**	**26 416**	**24 299**	**9 152**	**6 568**	**4 707**	**39.5**
Professional, technical, and kindred workers	**16**	**19 442**	**26**	**137**	**1 527**	**3 374**	**2 543**	**5 224**	**4 028**	**1 158**	**732**	**693**	**39.0**
Accountants	–	2 685	–	4	220	471	349	656	603	153	113	116	39.6
Architects	–	185	–	–	5	18	35	66	23	15	15	8	40.2
Computer specialists	–	855	–	–	116	249	168	243	64	6	9	–	31.9
Engineers	–	4 051	–	6	114	454	448	1 384	1 068	315	149	113	42.3
Aeronautical and astronautical	–	289	–	–	–	15	39	128	75	28	4	–	42.1
Civil	–	597	–	–	10	53	110	185	126	55	34	24	41.8
Electrical and electronic	–	562	–	–	9	68	42	215	145	48	14	21	42.5
Mechanical	–	529	–	–	9	87	55	163	131	41	18	25	42.0
Other engineers	–	2 074	–	6	86	231	202	693	591	143	79	43	42.4
Lawyers and judges	–	953	–	–	25	103	114	267	223	83	36	102	43.8
Life and physical scientists	–	695	–	6	11	101	65	175	218	36	59	24	44.4
Chemists	–	226	–	–	5	63	26	57	47	13	10	5	38.3
Physicians, dentists, and related practitioners	–	1 314	–	–	3	158	134	360	343	92	87	137	45.1
Dentists	–	219	–	–	–	24	33	58	65	–	14	25	44.1
Pharmacists	–	283	–	–	–	63	28	62	56	26	15	33	43.1
Physicians, medical and osteopathic	–	651	–	–	3	56	63	187	158	61	58	65	46.0
Other related practitioners	–	161	–	–	–	15	10	53	64	5	–	14	45.4
Health technologists and technicians	–	206	–	–	73	56	16	32	23	–	4	2	27.7
Religious workers	–	737	–	5	42	63	62	226	171	79	40	49	43.7
Social scientists	–	242	–	–	–	60	14	99	54	15	–	–	39.7
Social and recreation workers	–	200	–	6	12	39	45	39	29	20	5	5	34.8
Teachers	5	1 843	10	18	183	417	271	459	320	78	57	30	35.5
College and university	–	284	–	–	12	38	34	118	53	19	10	–	39.9
Elementary and prekindergarten	–	343	–	–	37	43	70	99	63	8	19	4	37.2
Secondary	5	973	–	–	90	299	152	222	148	34	17	11	33.2
Engineering and science technicians	–	2 282	–	51	391	557	327	499	307	79	51	20	32.2
Draftsmen and surveyors	–	1 348	–	34	248	383	221	303	120	26	13	–	30.2
Electrical and electronic engineering technicians	–	347	–	–	45	73	64	82	60	19	4	–	34.3
Technicians, except health, and engineering and science	–	421	–	–	34	92	84	96	81	20	9	5	35.1
Airplane pilots	–	142	–	–	12	20	25	35	40	10	–	–	39.0
Writers, artists, and entertainers	11	1 107	8	36	158	234	174	210	191	43	11	42	33.4
Other professional, technical, and kindred workers	–	1 666	8	5	140	302	237	413	310	124	87	40	38.4
Managers and administrators, except farm	**21**	**15 291**	**11**	**51**	**705**	**1 385**	**1 657**	**3 949**	**4 076**	**1 503**	**1 091**	**863**	**44.7**
Buyers, purchasing agents, and sales managers	–	2 329	–	10	150	274	267	705	553	230	74	66	41.6
School administrators	–	293	–	–	–	18	22	111	90	23	13	16	44.6
Specified managers and administrators, public administration	–	517	–	–	8	32	33	109	157	52	74	52	49.9
Other specified managers and administrators	15	2 254	6	9	143	356	280	503	469	185	165	138	41.6
Managers and administrators, n.e.c., salaried	6	7 356	5	32	375	590	892	1 960	2 015	664	493	330	44.1
Manufacturing	6	1 750	–	–	41	135	179	536	564	140	95	60	44.7
Wholesale and retail trade	–	2 502	–	26	229	263	339	591	568	210	176	100	41.7
Transportation, communications, and other public utilities	–	614	–	–	18	54	76	151	194	84	21	16	45.4
All other industries	–	2 490	5	6	87	138	298	682	689	230	201	154	45.4
Managers and administrators, n.e.c., self-employed	–	2 542	–	–	29	115	163	561	792	349	272	261	50.1
Construction	–	468	–	–	–	35	31	173	146	23	41	19	44.7
Manufacturing	–	190	–	–	–	21	13	35	61	40	11	9	49.3
Wholesale and retail trade	–	1 246	–	–	29	44	86	210	388	206	153	130	51.5
All other industries	–	638	–	–	–	15	33	143	197	80	67	103	51.5
Sales workers	**445**	**9 514**	**260**	**212**	**870**	**1 186**	**1 083**	**2 196**	**1 865**	**722**	**545**	**575**	**40.2**
Insurance agents, brokers, and underwriters	6	1 218	4	–	69	173	156	355	269	55	57	80	40.8
Real estate agents and brokers	–	493	–	–	22	27	26	98	108	69	64	79	51.8
Sales representatives, manufacturing industries	–	1 079	5	–	41	146	205	275	233	88	53	33	40.2
Sales representatives, wholesale trade	–	2 324	5	24	156	347	287	658	451	198	111	87	40.2
Sales clerks, retail trade	16	1 630	118	114	252	190	120	241	304	88	84	119	35.9
Salesmen, retail trade	–	1 213	13	26	150	111	134	258	244	99	105	73	41.7
Salesmen of services and construction	6	544	4	15	43	72	83	144	86	41	38	18	38.8
Other sales workers	417	1 013	111	33	137	120	72	167	170	84	33	86	37.0
Clerical and kindred workers	**52**	**9 537**	**266**	**371**	**1 674**	**1 421**	**930**	**1 814**	**1 777**	**536**	**416**	**332**	**35.6**
Bank tellers and cashiers	15	477	93	81	133	44	16	23	39	26	16	6	22.4
Bookkeepers and billing clerks	–	696	5	5	101	120	81	100	131	47	53	53	38.6
Mail handlers and postal clerks	–	1 407	31	63	150	113	135	402	378	66	39	30	40.3
Other clerical and kindred workers	37	6 957	137	222	1 290	1 144	698	1 289	1 229	397	308	243	34.9
Craftsmen and kindred workers	**46**	**26 532**	**181**	**420**	**2 227**	**3 510**	**3 009**	**6 500**	**6 085**	**2 300**	**1 515**	**785**	**41.0**
Apparel craftsmen and upholsterers	–	184	–	12	29	–	5	35	62	16	16	9	46.8
Bakers	–	147	15	–	29	8	18	23	10	11	22	11	36.5
Cabinetmakers	–	139	–	–	24	13	22	16	30	9	15	10	41.6
Construction craftsmen	5	6 121	44	97	531	763	670	1 328	1 445	536	407	300	42.2
Carpenters	–	1 649	12	41	132	151	184	231	446	185	172	95	46.6
Excavating, grading, and road machine operators	–	670	–	10	42	69	90	125	196	66	37	35	44.9
Electricians	–	1 026	6	3	66	230	131	262	193	67	41	27	37.9
Masons and tile setters	–	451	6	17	19	50	53	146	83	34	8	35	40.5
Painters, construction and maintenance, and paperhangers	5	889	20	9	111	112	47	205	185	74	80	46	42.1
Plasterers and cement finishers	–	232	–	–	36	9	27	57	65	19	9	10	42.7
Plumbers and pipe fitters	–	697	–	12	61	59	76	178	169	70	39	33	42.9
Other construction craftsmen	–	507	–	5	64	83	62	124	108	21	21	19	38.2
Foremen, n.e.c.	5	3 472	3	17	86	303	402	1 011	959	378	236	77	44.1
Manufacturing	–	1 544	–	–	45	156	239	483	394	122	70	35	41.9
Nonmanufacturing industries	5	1 928	3	17	41	147	163	528	565	256	166	42	46.2
Linemen and servicemen, telephone and power	–	929	5	7	78	171	144	264	161	75	19	5	37.3
Locomotive engineers and firemen	–	100	–	–	–	9	6	17	25	23	14	6	...
Mechanics and repairmen	17	8 255	59	104	778	1 229	954	2 185	1 885	666	269	126	39.6
Air conditioning, heating, and refrigeration	–	223	–	–	20	30	29	90	27	12	15	–	38.6
Aircraft	–	3 094	–	–	152	397	262	948	952	288	79	16	42.8
Automobile, including body	–	2 181	25	69	315	379	287	423	407	165	65	46	35.4
Radio and television	–	388	–	4	31	54	43	131	72	39	14	–	39.7
Other mechanics and repairmen	17	2 369	34	31	260	369	333	593	427	162	96	64	37.7
Metal craftsmen, except mechanics	5	2 814	–	57	255	513	368	605	527	268	182	39	38.5
Machinists and job and die setters	–	1 501	–	20	145	254	227	324	263	156	101	11	38.2
Sheetmetal workers and tinsmiths	5	496	–	14	53	98	82	122	77	10	36	4	35.1
Tool and die makers	–	349	–	–	17	60	28	65	88	47	25	19	45.5
Other metal craftsmen	–	468	–	23	40	101	31	94	99	55	20	5	39.1
Printing craftsmen	–	646	14	19	80	92	82	166	110	30	35	18	37.2
Compositors and typesetters	–	259	9	10	28	25	25	46	73	14	16	13	42.1
Pressmen and plate printers, printing	–	257	–	9	41	48	52	81	17	–	4	5	32.9
Stationary engineers and power station operators	–	988	–	–	49	34	47	240	306	118	118	76	49.1
Other craftsmen and kindred workers	14	2 737	41	107	288	375	291	610	565	170	182	108	39.4

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
TULSA SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**105**	**15 394**	**481**	**716**	**2 253**	**2 543**	**1 852**	**2 969**	**2 556**	**1 014**	**746**	**264**	**34.6**
Assemblers	–	1 197	15	50	225	232	149	239	137	89	41	20	32.6
Checkers, examiners, and inspectors, manufacturing	–	649	–	–	73	95	77	130	200	40	34	–	41.1
Garage workers and gas station attendants	42	1 059	211	128	182	98	62	124	144	47	26	37	25.4
Laundry and drycleaning operatives, n.e.c	5	186	–	–	15	41	12	43	28	22	17	8	40.8
Meat cutters and butchers	–	469	6	15	46	65	61	102	95	46	23	10	39.1
Mine operatives, n.e.c	–	752	5	32	72	116	40	182	144	82	67	12	41.1
Packers and wrappers, except produce	–	185	27	30	8	21	4	43	32	10	–	10	35.6
Painters, manufactured articles	–	248	–	10	39	67	27	25	46	15	19	–	31.5
Precision machine operatives	4	1 317	6	25	231	272	268	237	106	96	54	22	32.3
Sawyers	–	102	–	8	13	14	19	9	29	4	6	–	34.2
Stationary firemen	–	100	–	–	5	9	–	35	34	8	9	–	...
Textile operatives	–	45	–	13	3	–	3	13	4	5	4	–	...
Welders and flamecutters	6	2 618	17	50	339	428	370	619	517	108	146	24	36.7
Other metalworking operatives	–	600	21	24	135	78	79	103	93	46	21	–	32.7
Other specified operatives	25	1 879	45	58	253	326	197	366	293	162	109	70	36.7
Miscellaneous and not specified operatives	23	3 988	128	273	614	681	484	699	654	234	170	51	33.1
Occupation:													
Machine operatives, miscellaneous specified	9	1 493	33	107	223	221	187	274	280	102	49	17	34.3
Machine operatives, not specified	–	654	13	29	66	148	128	129	96	26	19	–	32.8
Miscellaneous operatives	3	1 288	65	106	297	243	101	197	162	48	56	13	28.6
Not specified operatives	11	553	17	31	28	69	68	99	116	58	46	21	41.4
Industry:													
Manufacturing	16	3 288	96	234	494	558	419	597	496	210	146	38	33.1
Durable goods	11	2 557	85	185	366	418	330	484	366	174	121	28	33.4
Wood products, including furniture	–	23	–	–	5	11	–	–	–	–	7	–	...
Primary metal industries	–	317	11	9	32	44	43	83	55	33	7	–	37.3
Fabricated metal industries	–	718	20	65	144	94	88	131	101	47	21	7	32.0
Machinery, including electrical	8	579	13	66	101	106	69	102	57	27	33	5	30.3
Motor vehicles and equipment	–	53	–	–	10	9	3	5	16	4	6	–	...
Transportation equipment, except motor vehicles	–	481	–	–	27	124	94	108	72	39	10	7	34.8
Other durable goods	3	386	41	45	47	30	33	55	65	24	37	9	34.5
Nondurable goods	5	731	11	49	128	140	89	113	130	36	25	10	32.1
Food and kindred products	–	141	–	11	31	16	17	21	13	17	10	5	33.7
Apparel and other fabricated textile products	–	5	–	5	–	–	–	–	–	–	–	–	...
Paper and allied products	–	52	–	–	10	20	–	12	10	–	–	–	...
Chemicals and allied products	–	87	–	19	5	35	–	17	11	–	–	–	...
Other nondurable goods	5	446	11	14	82	69	72	63	96	19	15	5	33.3
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	7	700	32	39	120	123	65	102	158	24	24	13	32.8
Transportation, communications, and other public utilities	–	236	–	–	59	58	9	22	72	–	11	5	30.6
Wholesale and retail trade	–	251	24	22	32	37	31	41	50	11	3	–	31.7
All other industries	7	213	8	17	29	28	25	39	36	13	10	8	34.9
Transport equipment operatives	**14**	**6 515**	**60**	**222**	**793**	**749**	**841**	**1 484**	**1 410**	**521**	**292**	**143**	**39.0**
Bus drivers	–	208	–	–	5	5	5	45	79	43	23	3	50.6
Taxicab drivers and chauffeurs	–	311	–	–	47	6	21	38	74	64	31	30	50.9
Truck drivers and deliverymen	5	5 096	52	141	561	631	752	1 266	1 069	349	186	89	38.2
Other transport equipment operatives	9	900	8	81	180	107	63	135	188	65	52	21	35.8
Laborers, except farm	**216**	**6 181**	**855**	**732**	**965**	**549**	**472**	**843**	**893**	**357**	**323**	**192**	**29.9**
Construction laborers	12	1 243	50	103	166	119	151	228	214	86	83	43	36.4
Freight, stock, and material handlers	64	2 583	619	369	502	209	176	278	294	77	49	10	23.0
Other specified laborers	122	1 440	101	181	189	95	73	193	232	142	115	119	39.2
Miscellaneous and not specified laborers	18	915	85	79	108	126	72	144	153	52	76	20	34.1
Occupation:													
Miscellaneous laborers	–	206	–	10	16	34	18	36	45	11	36	–	41.9
Not specified laborers	18	709	85	69	92	92	54	108	108	41	40	20	31.5
Industry:													
Manufacturing	–	436	10	39	58	79	50	79	57	22	37	5	33.2
Durable goods	–	355	10	35	50	74	19	67	42	22	31	5	32.2
Wood products, including furniture	–	5	–	–	–	–	–	5	–	–	–	–	...
Metal industries	–	179	–	29	21	22	10	45	32	5	10	5	36.7
Machinery, including electrical	–	30	6	–	7	12	–	–	–	–	5	–	...
Transportation equipment	–	54	–	6	4	15	4	9	10	6	–	–	...
Other durable goods	–	87	4	–	18	25	5	8	–	11	16	–	...
Nondurable goods	–	77	–	4	4	5	31	12	15	–	6	–	...
Food and kindred products	–	21	–	–	–	–	–	4	11	–	6	–	...
Not specified manufacturing industries	–	4	–	–	4	–	–	–	–	–	–	–	...
Nonmanufacturing industries	18	479	75	40	50	47	22	65	96	30	39	15	35.8
Railroads and railway express service	–	57	–	–	5	–	–	16	7	5	24	–	...
Transportation, except railroads	–	9	9	–	–	–	–	–	–	–	–	–	...
Communications, and utilities and sanitary services	–	80	–	–	14	16	–	13	20	6	11	–	...
Wholesale and retail trade	4	160	24	26	10	19	22	18	23	11	–	7	30.2
All other industries	14	173	42	14	21	12	–	18	46	8	4	8	29.0
Farmers and farm managers	–	**1 003**	–	**13**	**10**	**23**	**36**	**168**	**205**	**190**	**146**	**212**	**56.2**
Farm laborers and farm foremen	**61**	**823**	**96**	**59**	**97**	**66**	**64**	**161**	**153**	**37**	**39**	**51**	**36.8**
Paid farm laborers and farm foremen	49	782	92	46	88	66	64	155	148	37	35	51	37.3
Unpaid family workers	12	41	4	13	9	–	–	6	5	–	4	–	...
Service workers, except private household[1]	**295**	**7 996**	**881**	**518**	**765**	**798**	**575**	**1 099**	**1 246**	**804**	**717**	**593**	**39.2**
Cleaning service workers	70	3 112	316	236	225	160	134	311	635	469	369	257	47.7
Food service workers	187	1 540	478	211	190	91	53	139	128	82	111	57	22.1
Cooks, except private household	32	634	164	48	79	64	20	72	68	46	45	28	27.0
Busboys and dishwashers	102	396	209	87	36	–	–	16	5	5	29	9	17.9
Health service workers	–	213	5	19	92	38	9	11	5	16	14	4	24.5
Personal service workers	10	800	53	8	58	111	94	167	111	65	39	94	39.6
Protective service workers	–	1 812	7	–	141	327	263	394	238	132	149	161	39.3
Firemen, fire protection	–	540	–	–	32	106	88	206	89	14	5	–	37.1
Guards and watchmen	–	517	7	–	22	27	44	62	76	73	113	93	56.4
Policemen and detectives	–	596	–	–	87	187	126	115	39	17	11	14	31.0
Private household workers	–	**88**	**3**	**5**	**19**	**6**	**21**	**9**	**5**	**10**	**6**	**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
TULSA SMSA—Continued													
Total—Continued													
Female employed	509	69 808	1 930	3 172	9 704	7 467	6 485	14 614	14 180	5 307	4 065	2 884	39.2
Professional, technical, and kindred workers	20	9 879	70	119	1 472	1 344	922	2 105	1 989	851	628	379	39.8
Accountants	–	740	–	4	106	124	74	164	146	64	34	24	38.8
Computer specialists	–	85	–	4	16	29	15	13	8	–	–	–	...
Librarians	–	179	–	11	13	30	6	38	30	21	24	6	42.8
Mathematical specialists	–	29	–	–	9	15	–	–	5	–	–	–	...
Life and physical scientists	–	34	–	–	6	–	–	12	5	–	6	5	...
Registered nurses, dietitians, and therapists	–	1 800	–	17	240	228	142	480	408	175	61	49	40.7
Dietitians	–	58	–	–	20	–	11	11	12	4	–	–	...
Registered nurses	–	1 631	–	10	188	208	127	436	381	171	61	49	41.5
Health technologists and technicians	–	464	–	5	97	79	78	125	66	10	4	–	33.3
Social scientists	–	52	–	–	–	–	8	11	33	–	–	–	...
Social and recreation workers	–	430	–	5	38	57	16	97	132	29	52	4	45.2
Teachers: College and university	–	131	4	–	9	30	22	39	6	16	–	5	35.1
Elementary and prekindergarten	5	2 630	12	5	373	345	279	539	451	267	243	116	40.6
Secondary	–	1 191	–	–	261	194	80	165	256	108	104	23	38.7
Other teachers	5	291	36	4	38	10	47	33	48	33	5	37	38.2
Engineering and science technicians	–	191	–	13	49	24	16	46	26	17	–	–	33.0
Technicians, except health, and engineering and science	–	48	–	–	–	10	–	9	10	13	6	–	...
Writers, artists, and entertainers	4	598	18	29	99	68	47	112	133	30	23	39	38.4
Actors and dancers	–	38	5	11	11	6	–	–	5	–	–	–	...
Authors, editors, and reporters	–	173	–	–	21	22	25	44	34	10	–	17	39.2
Other professional, technical, and kindred workers	6	986	–	22	118	101	92	222	226	68	66	71	42.2
Managers and administrators, except farm	–	2 971	–	24	95	179	202	688	920	364	265	234	48.2
Buyers, purchasing agents, and sales managers	–	204	–	–	14	15	–	26	86	27	13	23	50.5
Restaurant, cafeteria, and bar managers	–	341	–	5	–	–	31	75	127	64	34	5	49.7
School administrators	–	138	–	–	–	–	10	30	31	43	19	5	54.4
Other specified managers and administrators	–	734	–	19	43	75	42	150	191	64	80	70	47.0
Managers and administrators, n.e.c., salaried	–	1 023	–	–	38	79	98	277	299	108	61	63	45.7
Wholesale and retail trade	–	429	–	–	14	32	39	110	136	34	29	35	46.4
Managers and administrators, n.e.c., self-employed	–	531	–	–	–	10	21	130	186	58	58	68	50.6
Wholesale and retail trade	–	325	–	–	–	10	17	48	123	37	47	43	52.1
Sales workers	25	6 066	377	300	465	420	427	1 216	1 349	603	512	397	43.6
Demonstrators, hucksters, and peddlers	–	497	–	–	34	75	58	141	106	25	22	36	40.8
Insurance, real estate agents, and brokers	–	676	–	8	66	23	56	157	217	51	65	33	46.3
Sales clerks, retail trade	6	3 761	327	224	258	237	187	698	829	416	318	267	44.3
Salesmen, retail trade	–	229	13	19	7	15	15	38	63	44	5	10	46.2
Other sales workers	19	903	37	49	100	70	111	182	134	67	102	51	39.6
Clerical and kindred workers	69	27 363	520	1 682	5 258	3 294	2 926	5 922	4 755	1 372	1 104	530	35.0
Bank tellers	–	485	6	19	75	64	82	141	64	12	11	11	34.8
Bookkeepers	–	3 513	30	87	406	390	331	890	823	273	209	74	40.8
Cashiers	31	2 098	182	205	345	189	174	333	435	100	90	45	33.7
Counter clerks, except food	–	334	9	32	48	28	28	73	78	21	5	12	38.0
Enumerators and interviewers	–	80	–	5	6	12	23	18	6	4	6	–	...
File clerks	–	571	45	70	132	69	29	105	73	24	20	4	27.8
Office machine operators	–	1 355	4	147	378	193	161	268	155	29	16	4	28.8
Bookkeeping and billing machine operators	–	204	–	35	50	53	14	24	16	6	6	–	26.6
Keypunch operators	–	820	–	86	256	106	129	158	68	12	5	–	28.2
Payroll and timekeeping clerks	–	262	–	8	30	29	22	61	57	37	18	–	41.9
Receptionists	–	1 013	35	104	230	68	117	235	110	44	48	22	33.0
Secretaries	–	7 478	60	256	1 550	1 147	838	1 616	1 346	304	270	91	34.3
Stenographers	–	528	–	20	133	55	64	111	60	31	37	17	34.4
Telephone operators	–	1 036	20	92	221	104	109	249	142	39	19	41	33.7
Typists	6	1 674	25	166	388	202	253	327	192	61	50	10	31.1
Other clerical and kindred workers	32	6 936	104	471	1 316	744	695	1 495	1 214	393	305	199	35.9
Craftsmen and kindred workers	–	1 008	18	31	85	119	86	183	264	58	68	96	44.0
Foremen, n.e.c.	–	229	–	7	16	22	20	37	53	26	31	17	47.4
Operatives, except transport	12	5 164	77	186	527	519	455	1 363	1 175	382	249	231	41.0
Assemblers	4	653	29	19	54	74	67	249	125	32	4	–	38.4
Bottling and canning operatives	–	37	–	5	–	16	6	–	10	–	–	–	...
Checkers, examiners, and inspectors, manufacturing	–	353	–	21	51	44	31	96	62	29	10	9	38.1
Dressmakers and seamstresses, except factory	–	386	–	–	10	15	11	33	121	53	57	86	55.3
Laundry and dry cleaning operatives, including ironers	–	784	7	35	67	67	46	192	200	76	50	44	43.9
Graders and sorters, manufacturing	–	63	–	–	9	–	14	10	24	6	–	–	...
Packers and wrappers, except produce	–	525	9	28	57	57	61	189	102	6	6	10	37.7
Sewers and stitchers	–	551	–	11	73	48	39	147	132	46	39	16	42.1
Textile operatives	–	36	–	–	10	4	7	5	10	–	–	–	...
Other specified operatives	4	1 031	10	54	84	103	106	239	245	83	62	45	41.6
Miscellaneous and not specified operatives	4	745	22	13	112	91	67	203	144	51	21	21	38.3
Manufacturing	–	626	17	9	80	76	61	171	124	46	21	21	39.1
Durable goods	–	314	–	9	40	36	37	66	84	37	5	–	40.3
Machinery, including electrical	–	100	–	4	10	5	10	8	45	13	5	–	...
Other durable goods	–	214	–	5	30	31	27	58	39	24	–	–	37.4
Nondurable goods, including not specified manufacturing	–	312	17	–	40	40	24	105	40	9	16	21	38.3
Food and kindred products	–	68	–	–	10	9	6	27	4	–	5	7	...
Apparel and other fabricated textile products	–	55	–	–	11	8	–	21	15	–	–	–	...
Nonmanufacturing industries	4	119	5	4	32	15	6	32	20	5	–	–	32.9
Transport equipment operatives	–	228	–	5	59	19	26	43	50	21	5	–	36.2
Laborers, except farm	5	410	30	13	34	55	51	81	42	28	29	47	37.7
Farmers and farm managers	–	111	–	–	–	–	10	16	41	3	30	11	52.2
Farm laborers and farm foremen	–	103	–	–	6	4	–	23	29	23	14	4	51.4
Paid farm laborers and farm foremen	–	50	–	–	6	–	–	23	8	13	–	–	...
Unpaid family workers	–	53	–	–	–	4	–	–	21	10	14	4	...
Service workers, except private household[1]	177	13 625	747	732	1 606	1 393	1 254	2 477	2 941	1 164	800	511	39.4
Cleaning service workers	18	1 640	31	33	110	150	149	286	402	206	176	97	46.5
Chambermaids and maids	7	405	–	11	39	49	51	74	96	37	23	25	42.1
Food service workers	100	5 134	567	370	450	428	493	981	1 082	370	287	106	37.6
Cooks, except private household	–	1 262	26	50	45	74	88	327	333	152	115	52	45.6
Waiters and food counter workers	73	2 673	438	263	308	253	266	421	483	120	93	28	31.4
Health service workers	4	3 261	75	176	392	427	291	627	735	298	151	89	39.3
Nursing aides, orderlies, and attendants	–	2 204	28	118	260	307	205	458	507	188	81	52	39.0
Practical nurses	–	465	5	–	56	35	33	76	139	57	37	27	47.0
Personal service workers	10	2 454	22	99	438	279	203	402	538	206	107	160	39.6
Hairdressers and cosmetologists	–	1 503	–	40	286	211	148	292	300	107	32	87	37.3
Private household workers	201	2 880	91	80	97	121	126	497	625	438	361	444	51.8
Private household workers, living in	–	102	–	–	10	–	–	12	14	20	22	24	58.8
Private household workers, living out	201	2 778	91	80	87	121	126	485	611	418	339	420	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

TULSA 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	**50**	**6 189**	**135**	**244**	**631**	**813**	**585**	**1 281**	**1 154**	**585**	**393**	**368**	**40.4**
Professional, technical, and kindred workers	–	377	–	4	50	86	31	82	34	36	14	40	37.1
Engineers	–	21	–	–	–	–	5	5	–	4	–	7	...
Lawyers and judges	–	4	–	–	–	–	–	–	–	–	–	4	...
Life and physical scientists	–	4	–	–	–	4	–	–	–	–	–	–	...
Physicians, dentists, and related practitioners	–	18	–	–	–	–	–	5	–	–	9	4	...
Health workers, except practitioners	–	6	–	–	6	–	–	–	–	–	–	–	...
Social and recreation workers	–	12	–	–	2	–	–	3	7	–	–	–	...
Teachers	–	97	–	–	6	23	16	22	10	20	–	–	...
Technicians, except health	–	74	–	4	28	25	–	9	–	8	–	–	...
Writers, artists, and entertainers	–	18	–	–	–	10	–	–	8	–	–	–	...
Other professional, technical, and kindred workers	–	123	–	–	8	24	10	38	9	4	5	25	40.1
Managers and administrators, except farm	–	225	–	–	19	31	17	41	41	32	–	44	46.1
Salaried	–	191	–	–	19	31	13	41	32	32	–	23	42.9
Manufacturing	–	24	–	–	–	5	–	12	–	7	–	–	...
Retail trade	–	57	–	–	19	14	4	–	15	–	–	5	...
All other industries	–	110	–	–	–	12	9	29	17	25	–	18	47.9
Self-employed	–	34	–	–	–	–	4	–	9	–	–	21	...
Retail trade	–	19	–	–	–	–	4	–	–	–	–	15	...
All other industries	–	15	–	–	–	–	–	–	9	–	–	6	...
Sales workers	10	102	11	4	–	10	8	33	14	4	10	8	40.5
Manufacturing and wholesale trade	4	13	5	–	–	–	–	4	–	4	–	–	...
Retail trade	–	40	6	4	–	–	–	11	9	–	6	4	...
All other industries	6	49	–	–	–	10	8	18	5	–	4	4	...
Clerical and kindred workers	–	466	21	33	61	100	46	78	83	33	6	5	32.0
Bookkeepers and billing clerks	–	11	–	–	–	–	–	–	11	–	–	–	...
Mail handlers and postal clerks	–	109	16	12	–	13	9	27	27	5	–	–	36.7
Other clerical and kindred workers	–	346	5	21	61	87	37	51	45	28	6	5	29.9
Craftsmen and kindred workers	–	856	5	23	84	126	96	240	169	48	22	43	38.9
Carpenters	–	23	–	–	8	–	–	–	15	–	–	–	...
Construction craftsmen, except carpenters	–	103	–	3	8	8	15	25	23	11	–	10	42.0
Automobile mechanics, including body repairmen	–	161	–	4	23	32	–	40	35	12	8	7	40.4
Mechanics and repairmen, except auto	–	183	–	–	19	28	18	82	21	10	–	5	38.2
Machinists	–	50	–	–	10	20	9	11	–	–	–	–	...
Metal craftsmen, except mechanics and machinists	–	22	–	–	9	4	4	–	5	–	–	–	...
Foremen, n.e.c.	–	43	–	–	–	15	8	14	6	–	–	–	...
Other craftsmen and kindred workers	–	271	5	16	7	19	42	68	64	15	14	21	41.8
Operatives, except transport	7	1 092	7	41	148	192	158	201	194	82	45	24	35.0
Assemblers	–	68	–	–	7	24	8	14	5	3	7	–	...
Garage workers and gas station attendants	7	76	–	–	–	14	4	19	39	–	–	–	...
Laundry and drycleaning operatives, including ironers	–	79	–	–	5	22	5	16	9	16	–	6	...
Precision machine operatives	–	62	–	6	15	9	5	24	3	–	–	–	...
Other operatives, except transport	–	807	7	35	121	123	136	128	138	63	38	18	34.3
Durable goods, manufacturing	–	462	7	35	52	74	69	72	84	43	13	13	34.6
Nondurable goods, including not specified manufacturing	–	119	–	–	23	14	24	25	15	5	8	5	34.7
Nonmanufacturing industries	–	226	–	–	46	35	43	31	39	15	17	–	33.7
Transport equipment operatives	–	496	–	10	41	58	69	126	93	58	27	14	40.6
Truck drivers	–	248	–	–	14	36	40	72	36	29	15	6	39.7
Other transport equipment operatives	–	248	–	10	27	22	29	54	57	29	12	8	41.7
Laborers, except farm	16	941	21	61	134	63	60	177	187	93	104	41	42.4
Construction laborers	–	195	–	–	22	4	33	30	36	20	29	21	47.4
Freight, stock, and material handlers	4	195	16	27	36	14	12	36	35	6	13	–	31.9
Other laborers, except farm	12	551	5	34	76	45	15	111	116	67	62	20	44.1
Manufacturing industries	–	131	–	5	19	12	10	47	12	5	21	–	39.1
Farmers and farm managers	–	14	–	–	–	–	–	–	5	–	–	9	...
Farm laborers and farm foremen	–	60	–	–	3	–	7	26	6	–	6	12	...
Service workers, except private household[1]	17	1 506	70	68	82	141	83	268	323	194	153	124	46.3
Cleaning service workers	10	892	29	39	59	59	62	152	178	133	98	83	47.6
Food service workers	7	291	41	26	9	39	4	47	49	28	26	22	40.6
Health service workers	–	14	–	–	5	–	4	5	–	–	–	–	...
Personal service workers	–	62	–	–	–	–	4	10	22	7	9	10	...
Protective service workers	–	64	–	–	–	16	9	16	4	6	4	9	...
Private household workers	–	54	–	–	9	6	10	9	5	5	6	4	...
Female employed	**55**	**5 468**	**161**	**181**	**590**	**603**	**520**	**1 090**	**1 174**	**417**	**411**	**321**	**41.2**
Professional, technical, and kindred workers	9	573	–	–	69	72	60	122	156	31	50	13	42.0
Registered nurses	–	66	–	–	–	10	9	23	16	–	–	8	...
Health workers, except nurses	–	90	–	–	19	4	21	27	19	–	–	–	...
Teachers, elementary and secondary schools	5	262	–	–	28	35	17	47	66	31	33	5	45.6
Technicians, except health	–	4	–	–	4	–	–	–	–	–	–	–	...
Other professional, technical, and kindred workers	4	151	–	–	18	23	13	25	55	–	17	–	43.6
Managers and administrators, except farm	–	131	–	–	13	–	12	37	25	24	4	16	46.4
Salaried	–	90	–	–	13	–	12	31	25	4	–	5	...
Self-employed	–	41	–	–	–	–	–	6	–	20	4	11	...
Sales workers	10	172	8	15	16	28	4	43	28	7	17	6	38.5
Retail trade	10	146	8	10	16	28	4	38	18	7	11	6	36.8
Clerical and kindred workers	7	774	45	73	212	149	81	107	69	–	21	17	26.9
Bookkeepers and cashiers	–	113	–	–	16	24	21	37	15	–	–	–	33.9
Office machine operators	–	28	–	6	18	–	–	–	4	–	–	–	...
Secretaries, stenographers, and typists	–	155	18	15	52	38	13	11	4	–	–	4	24.3
Other clerical and kindred workers	7	478	27	52	126	87	47	59	46	–	21	13	27.0
Craftsmen and kindred workers	–	36	–	–	–	22	–	–	14	–	–	–	...
Operatives, except transport	–	329	8	11	47	22	47	79	68	5	13	29	38.7
Sewers and stitchers	–	22	–	–	–	4	5	4	9	–	–	–	...
Laundry and drycleaning operatives, including ironers	–	160	3	7	20	8	18	27	35	5	13	24	43.9
Other operatives, except transport	–	147	5	4	27	10	24	48	24	–	–	5	35.7
Durable goods, manufacturing	–	76	5	–	14	10	10	37	–	–	–	–	...
Nondurable goods, including not specified manufacturing	–	13	–	4	4	–	–	–	5	–	–	–	...
Nonmanufacturing industries	–	58	–	–	9	–	14	11	19	–	–	5	...
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	–	82	–	–	–	–	29	6	13	3	12	19	...
Farmers and farm managers	–	4	–	–	–	–	–	–	4	–	–	–	...
Farm laborers and farm foremen	–	5	–	–	–	–	–	–	–	–	5	–	...
Service workers, except private household[1]	12	1 797	96	73	211	257	204	355	350	117	80	54	36.6
Cleaning service workers	–	362	9	–	19	55	40	87	73	26	31	22	41.7
Food service workers	–	491	62	34	38	44	22	108	108	27	32	16	39.2
Health service workers	–	543	5	6	92	117	99	98	98	18	10	–	32.6
Practical nurses	–	68	5	–	15	13	11	14	5	5	–	–	...
Personal service workers	7	215	5	15	18	16	23	47	39	36	–	16	41.5
Protective service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Private household workers	17	1 565	4	9	22	53	83	341	447	230	209	167	51.1

[1]Includes allocated cases not shown separately.

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Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE												
Total												
Experienced civilian labor force	**589 540**	**83 280**	**78 580**	**48 613**	**55 043**	**58 513**	**57 096**	**83 486**	**82 924**	**42 005**	**6 500**	**7 374**
Professional, technical, and kindred workers	**79 330**	**5 686**	**5 087**	**2 874**	**4 483**	**5 898**	**7 047**	**12 895**	**21 305**	**14 055**	**9 332**	**10 199**
Accountants	7 585	421	339	177	417	412	703	1 566	2 517	1 033	9 690	10 187
Architects	522	7	16	12	10	20	42	59	159	197	12 987	13 616
Computer specialists	2 237	63	84	45	101	108	152	534	956	194	10 165	10 592
Engineers	12 050	245	271	155	299	343	551	1 494	5 459	3 233	12 443	12 672
Aeronautical and astronautical	573	–	–	–	–	4	20	49	318	182	13 357	13 411
Civil	1 944	46	55	37	77	81	132	274	789	453	11 711	11 978
Electrical and electronic	2 196	47	66	29	49	76	124	288	1 046	471	12 003	12 261
Mechanical	1 168	32	36	10	38	23	31	102	574	322	12 718	12 878
Other engineers	6 169	120	114	79	135	159	244	781	2 732	1 805	12 658	12 900
Lawyers and judges	3 310	213	85	51	123	68	66	265	796	1 643	14 925	15000+
Life and physical scientists	2 803	109	96	64	81	117	124	249	1 094	869	12 566	12 936
Chemists	982	23	25	13	33	81	62	140	382	223	11 492	11 945
Physicians, dentists, and related practitioners	5 915	333	254	154	195	172	146	438	1 184	3 039	15000+	15000+
Dentists	916	62	16	10	13	19	24	52	138	582	15000+	15000+
Pharmacists	1 511	151	110	75	77	40	58	185	542	273	10 549	11 570
Physicians, medical and osteopathic	2 632	53	83	58	85	92	49	131	341	1 740	15000+	15000+
Other related practitioners	856	67	45	11	20	21	15	70	163	444	15000+	15000+
Health technologists and technicians	1 201	133	125	72	98	157	153	232	175	56	7 101	7 757
Religious workers	4 277	413	595	494	580	605	555	559	385	91	6 093	6 329
Social scientists	717	15	39	5	14	40	29	111	237	227	12 226	12 826
Social and recreation workers	1 203	146	129	64	106	170	133	153	255	47	6 921	7 742
Teachers	13 136	912	935	447	995	1 785	1 979	2 726	2 250	1 107	7 755	8 585
College and university	4 135	388	458	128	137	166	203	573	1 298	784	10 056	11 828
Elementary and prekindergarten	2 442	143	105	83	333	539	503	470	203	63	7 036	7 556
Secondary	5 448	192	303	205	470	975	1 191	1 471	502	139	7 486	7 841
Engineering and science technicians	8 583	628	623	376	597	935	1 194	2 062	1 864	304	7 948	8 416
Draftsmen and surveyors	3 846	271	320	212	388	478	540	864	679	94	7 470	7 931
Electrical and electronic engineering technicians	1 939	68	100	65	58	181	256	496	622	93	8 974	9 229
Technicians, except health, and engineering and science	2 305	89	180	168	139	153	182	410	633	351	9 178	9 675
Airplane pilots	572	21	29	35	33	41	24	90	177	122	10 367	11 148
Writers, artists, and entertainers	4 897	922	560	253	316	292	420	663	1 002	469	7 251	8 676
Other professional, technical, and kindred workers	8 589	1 037	756	337	412	521	618	1 374	2 339	1 195	8 893	9 858
Managers and administrators, except farm	**73 319**	**4 214**	**4 674**	**3 464**	**4 630**	**6 134**	**6 605**	**11 124**	**17 887**	**14 587**	**9 247**	**9 640**
Buyers, purchasing agents, and sales managers	8 051	247	368	340	407	726	822	1 264	2 230	1 647	9 765	10 056
School administrators	2 721	55	39	28	58	143	298	771	975	354	9 918	10 646
Specified managers and administrators, public administration	5 565	163	180	240	400	572	623	1 095	1 523	769	9 104	9 319
Other specified managers and administrators	11 206	714	884	564	686	1 122	913	1 586	2 757	1 980	8 908	9 512
Managers and administrators, n.e.c., salaried	30 081	1 227	1 481	1 044	1 620	2 344	2 766	4 866	7 810	6 923	9 874	10 295
Manufacturing	5 077	164	125	56	167	215	357	781	1 472	1 740	12 288	12 514
Wholesale and retail trade	12 026	468	794	604	959	1 349	1 410	2 040	2 490	1 912	8 421	8 730
Transportation, communications, and other public utilities	2 895	81	111	86	142	188	278	488	926	595	10 397	10 619
All other industries	10 083	514	451	298	352	592	721	1 557	2 922	2 676	10 952	11 530
Managers and administrators, n.e.c., self-employed	15 695	1 808	1 722	1 248	1 459	1 227	1 183	1 542	2 592	2 914	7 324	7 702
Construction	2 544	213	215	165	226	157	247	292	524	505	8 336	9 530
Manufacturing	801	89	53	76	48	58	58	84	159	176	8 440	8 696
Wholesale and retail trade	8 686	999	1 067	791	919	783	617	816	1 382	1 312	6 724	7 036
All other industries	3 664	507	387	216	266	229	261	350	527	921	7 870	8 303
Sales workers	**38 829**	**5 026**	**4 012**	**2 568**	**3 197**	**3 770**	**3 288**	**5 569**	**6 922**	**4 477**	**7 256**	**8 102**
Insurance agents, brokers, and underwriters	4 976	291	299	295	387	503	386	702	1 126	987	8 932	9 541
Real estate agents and brokers	1 962	183	203	95	171	152	98	227	407	426	8 696	9 392
Sales representatives, manufacturing industries	3 533	157	150	153	196	247	324	585	1 088	633	9 844	10 339
Sales representatives, wholesale trade	7 832	370	385	421	515	927	845	1 637	1 767	965	8 553	8 817
Sales clerks, retail trade	8 985	2 206	1 645	824	868	836	638	731	795	442	4 779	6 032
Salesmen, retail trade	5 892	683	614	479	683	634	564	1 003	826	406	6 768	7 351
Salesmen of services and construction	1 659	159	155	76	117	163	175	279	383	152	7 911	8 596
Other sales workers	3 990	977	561	225	260	308	258	405	530	466	5 892	7 628
Clerical and kindred workers	**40 308**	**5 308**	**4 536**	**2 895**	**3 354**	**4 641**	**5 201**	**8 171**	**4 924**	**1 278**	**6 875**	**7 533**
Bank tellers and cashiers	2 482	812	736	306	234	134	99	77	62	22	3 166	4 279
Bookkeepers and billing clerks	3 235	355	405	285	301	397	410	605	378	99	6 684	7 190
Mail handlers and postal clerks	6 255	452	431	176	316	675	1 249	2 368	498	90	7 863	8 115
Other clerical and kindred workers	28 336	3 689	2 964	2 128	2 503	3 435	3 443	5 121	3 986	1 067	6 840	7 537
Craftsmen and kindred workers	**129 298**	**10 596**	**14 825**	**11 536**	**13 890**	**15 637**	**16 587**	**24 666**	**18 186**	**3 375**	**6 883**	**7 467**
Apparel craftsmen and upholsterers	1 038	169	230	155	124	125	113	65	43	14	4 774	5 442
Bakers	623	92	113	59	100	80	84	55	27	13	5 475	6 127
Cabinetmakers	717	101	151	94	83	101	83	66	24	14	5 151	6 005
Construction craftsmen	38 912	4 211	6 309	4 535	4 450	4 522	4 063	5 520	4 372	930	5 989	6 878
Carpenters	12 975	1 849	2 467	1 538	1 536	1 555	1 299	1 545	909	277	5 412	6 557
Excavating, grading, and road machine operators	6 751	401	1 270	1 086	947	787	638	859	603	160	5 653	5 802
Electricians	4 627	281	331	318	433	483	623	1 015	1 029	114	7 750	8 192
Masons and tile setters	2 232	267	353	244	170	203	240	388	303	64	6 404	7 860
Painters, construction and maintenance, and paperhangers	4 348	711	741	605	556	544	395	463	241	92	5 210	6 268
Plasterers and cement finishers	1 414	160	323	168	203	161	145	144	87	23	5 276	6 156
Plumbers and pipe fitters	4 285	318	381	359	364	522	446	774	930	191	7 445	7 850
Other construction craftsmen	2 280	224	443	217	241	267	277	332	270	9	6 056	7 225
Foremen, n.e.c.	15 302	398	442	626	1 024	1 488	1 871	3 968	4 391	1 094	8 908	9 083
Manufacturing	5 979	89	154	242	389	505	752	1 580	1 793	475	9 087	9 308
Nonmanufacturing industries	9 323	309	288	384	635	983	1 119	2 388	2 598	619	8 790	8 932
Linemen and servicemen, telephone and power	4 380	170	242	328	416	498	565	1 177	957	27	7 949	8 269
Locomotive engineers and firemen	413	–	4	5	21	21	42	74	236	10	10 837	11 010
Mechanics and repairmen	37 552	2 720	4 057	3 244	4 457	4 951	5 482	7 305	4 791	545	6 868	7 287
Air conditioning, heating, and refrigeration	1 243	101	104	113	178	105	196	199	208	39	7 105	7 462
Aircraft	8 039	104	231	193	393	1 007	1 560	2 665	1 771	115	8 399	8 529
Automobile, including body	12 938	1 366	2 170	1 487	1 993	1 706	1 421	1 639	1 000	156	5 726	6 250
Radio and television	2 114	180	175	188	269	281	372	346	280	23	6 872	7 229
Other mechanics and repairmen	13 218	969	1 377	1 263	1 624	1 852	1 933	2 456	1 532	212	6 743	7 174
Metal craftsmen, except mechanics	9 618	491	642	517	939	1 244	1 549	2 730	1 359	147	7 630	7 955
Machinists and job and die setters	5 268	251	380	297	491	743	896	1 526	613	71	7 527	7 821
Sheetmetal workers and tinsmiths	1 956	113	95	80	194	253	327	572	285	37	7 743	7 991
Tool and die makers	967	22	43	57	58	96	113	344	210	24	8 549	8 913
Other metal craftsmen	1 427	105	124	83	196	152	213	288	251	15	7 251	7 697
Printing craftsmen	2 590	258	220	237	258	367	383	634	213	20	6 877	7 359
Compositors and typesetters	1 277	149	115	92	139	175	210	306	71	20	6 820	7 294
Pressmen and plate printers, printing	997	90	91	129	96	154	137	218	82	–	6 601	7 072
Stationary engineers and power station operators	4 778	229	410	487	568	618	852	1 033	473	108	7 090	7 195
Other craftsmen and kindred workers	13 375	1 757	2 005	1 249	1 450	1 622	1 500	2 039	1 300	453	6 140	6 812

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**71 701**	**10 117**	**10 952**	**7 362**	**8 730**	**9 481**	**8 394**	**10 458**	**5 186**	**1 021**	**5 850**	**6 630**
Assemblers	4 139	365	762	443	601	554	637	580	177	20	5 831	6 551
Checkers, examiners, and inspectors; manufacturing	2 543	117	163	197	262	333	436	628	367	40	7 458	7 813
Garage workers and gas station attendants	7 448	3 150	1 825	925	676	349	171	137	148	67	2 629	4 173
Laundry and drycleaning operatives, n.e.c	867	200	182	163	95	76	33	52	45	21	4 316	4 735
Meat cutters and butchers	3 142	304	347	417	434	471	414	503	247	5	6 146	6 616
Mine operatives, n.e.c	6 076	526	726	461	730	721	876	1 283	597	156	6 825	7 539
Packers and wrappers, except produce	1 611	318	366	164	146	246	190	142	33	6	4 741	6 216
Painters, manufactured articles	1 025	92	214	102	182	165	109	110	32	19	5 574	6 271
Precision machine operatives	3 180	223	349	271	426	513	512	619	228	39	6 626	7 108
Sawyers	706	104	202	93	89	97	58	48	5	10	4 505	5 457
Stationary firemen	638	58	51	77	64	100	135	95	58	–	6 690	7 024
Textile operatives	333	33	72	77	62	27	18	20	24	–	4 799	5 094
Welders and flamecutters	9 255	567	968	723	1 277	1 437	1 361	1 803	844	275	6 760	7 124
Other metalworking operatives	2 353	238	296	323	314	461	270	287	145	19	6 012	6 432
Other specified operatives	10 412	1 508	1 869	1 138	1 084	1 227	950	1 404	1 039	193	5 637	6 441
Miscellaneous and not specified operatives	17 973	2 314	2 560	1 788	2 288	2 704	2 224	2 747	1 197	151	6 013	6 739
Occupation:												
Machine operatives, miscellaneous specified	7 238	674	857	657	857	1 161	1 015	1 312	628	77	6 494	7 045
Machine operatives, not specified	2 756	212	331	265	414	522	421	421	158	12	6 299	6 789
Miscellaneous operatives	5 653	1 101	986	595	773	676	565	676	236	45	5 187	6 292
Not specified operatives	2 326	327	386	271	244	345	223	338	175	17	5 734	6 483
Industry:												
Manufacturing	12 930	1 384	1 725	1 227	1 647	2 013	1 645	2 199	980	110	6 239	6 856
Durable goods	7 804	781	1 182	804	1 065	1 463	1 101	964	360	84	6 048	6 603
Wood products, including furniture	473	105	110	115	64	44	23	8	4	–	4 187	4 820
Primary metal industries	897	56	87	88	96	221	197	97	45	10	6 550	6 989
Fabricated metal industries	1 453	172	265	162	283	283	138	124	16	10	5 451	5 988
Machinery, including electrical	2 222	221	347	212	293	449	306	225	142	27	6 085	6 675
Motor vehicles and equipment	257	20	58	37	53	38	23	19	5	4	5 255	5 698
Transportation equipment, except motor vehicles	1 028	74	81	36	130	95	213	296	98	5	7 460	7 866
Other durable goods	1 474	133	234	154	146	333	201	195	50	28	6 210	6 684
Nondurable goods	5 070	592	537	412	567	550	531	1 235	620	26	6 776	7 507
Food and kindred products	1 375	281	266	158	213	174	63	168	52	–	4 889	5 736
Apparel and other fabricated textile products	104	22	32	16	22	6	6	–	–	–	3 875	...
Paper and allied products	309	21	24	14	24	63	22	85	50	6	7 386	8 158
Chemicals and allied products	403	48	30	17	65	36	66	108	29	4	7 083	7 545
Other nondurable goods	2 879	220	185	207	243	271	374	874	489	16	7 838	8 224
Not specified manufacturing industries	56	11	6	11	15	–	13	–	–	–	...	...
Nonmanufacturing industries	5 043	930	835	561	641	691	579	548	217	41	5 305	6 387
Transportation, communications, and other public utilities	931	84	103	74	102	141	192	151	74	10	6 727	7 295
Wholesale and retail trade	1 283	311	289	152	166	158	76	82	49	–	4 273	5 668
All other industries	2 829	535	443	335	373	392	311	315	94	31	5 272	6 275
Transport equipment operatives	**36 777**	**4 324**	**6 150**	**4 537**	**4 437**	**4 142**	**3 798**	**4 484**	**3 638**	**1 267**	**5 761**	**6 467**
Bus drivers	1 902	651	462	183	170	122	56	126	106	26	3 299	5 133
Taxicab drivers and chauffeurs	1 131	259	414	159	116	72	39	37	17	18	3 481	4 208
Truck drivers and deliverymen	28 775	2 867	4 525	3 619	3 518	3 320	3 094	3 584	3 093	1 155	5 960	6 574
Other transport equipment operatives	4 969	547	749	576	633	628	609	737	422	68	5 968	6 664
Laborers, except farm	**37 412**	**11 947**	**8 679**	**4 380**	**4 289**	**3 179**	**2 046**	**1 836**	**780**	**276**	**3 558**	**5 022**
Construction laborers	9 693	2 450	2 553	1 300	1 200	811	566	461	239	113	3 877	4 952
Freight, stock, and material handlers	12 889	4 346	2 741	1 345	1 420	1 192	825	752	217	51	3 531	5 261
Other specified laborers	8 584	3 349	2 025	966	854	549	315	260	176	90	2 931	4 487
Miscellaneous and not specified laborers	6 246	1 802	1 360	769	815	627	340	363	148	22	3 943	5 290
Occupation:												
Miscellaneous laborers	1 601	270	277	244	289	215	123	131	46	6	5 033	5 600
Not specified laborers	4 645	1 532	1 083	525	526	412	217	232	102	16	3 460	5 117
Industry:												
Manufacturing	2 363	525	531	280	291	272	188	168	102	6	4 448	5 723
Durable goods	1 477	319	323	199	203	206	118	64	39	6	4 485	5 513
Wood products, including furniture	182	34	80	45	–	7	7	5	4	–	3 425	4 128
Metal industries	562	107	87	36	113	113	49	46	5	6	5 451	6 150
Machinery, including electrical	186	68	22	30	12	24	22	–	8	–	4 100	...
Transportation equipment	196	56	54	25	31	20	5	–	5	–	3 556	...
Other durable goods	351	54	80	63	47	42	35	13	17	–	4 659	5 176
Nondurable goods	866	197	208	70	88	66	70	104	63	–	4 400	6 259
Food and kindred products	411	144	119	40	35	21	3	31	18	–	3 034	4 889
Not specified manufacturing industries	20	9	–	11	–	–	–	–	–	–	...	...
Nonmanufacturing industries	3 883	1 277	829	489	524	355	152	195	46	16	3 603	5 069
Railroads and railway express service	616	20	61	74	183	138	49	70	21	–	5 836	6 041
Transportation, except railroads	189	84	24	6	25	15	8	16	11	–	2 875	...
Communications, and utilities and sanitary services	397	79	95	102	58	26	21	11	–	5	4 240	4 531
Wholesale and retail trade	1 236	462	280	152	143	88	30	56	14	11	3 114	4 753
All other industries	1 445	632	369	155	115	88	44	42	–	–	2 491	4 453
Farmers and farm managers	**28 503**	**6 990**	**7 043**	**2 548**	**3 116**	**2 070**	**1 493**	**1 708**	**2 413**	**1 122**	**4 086**	**4 345**
Farm laborers and farm foremen	**12 291**	**5 518**	**3 657**	**1 173**	**701**	**384**	**223**	**221**	**267**	**147**	**2 343**	**3 442**
Paid farm laborers and farm foremen	11 949	5 344	3 586	1 147	685	358	223	212	253	141	2 352	3 461
Unpaid family workers	342	174	71	26	16	26	–	9	14	6	1 966	2 333
Service workers, except private household[1]	**41 379**	**13 307**	**8 879**	**5 276**	**4 200**	**3 171**	**2 403**	**2 342**	**1 410**	**391**	**3 663**	**4 934**
Cleaning service workers	15 575	5 154	4 022	2 562	1 542	915	687	412	200	81	3 310	4 339
Food service workers	8 163	4 634	1 686	556	429	315	175	189	136	43	1 762	3 841
Cooks, except private household	3 236	1 417	681	354	219	186	125	127	104	23	2 590	4 606
Busboys and dishwashers	2 205	1 686	412	33	49	–	10	10	5	–	1 308	2 350
Health service workers	1 476	417	552	182	127	114	35	39	5	5	3 163	4 099
Personal service workers	4 679	1 326	1 085	549	487	396	284	270	197	85	3 868	4 962
Protective service workers	8 985	796	1 011	1 178	1 403	1 266	1 107	1 308	775	141	6 083	6 477
Firemen, fire protection	2 358	35	73	161	329	397	418	546	365	34	7 440	7 469
Guards and watchmen	2 653	426	547	514	404	237	142	197	159	27	4 688	5 172
Policemen and detectives	3 165	157	256	381	558	547	488	489	220	69	6 421	6 620
Private household workers	**393**	**247**	**86**	–	**16**	**6**	**11**	**12**	**6**	**9**	**1 591**	**2 794**

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Negro												
Experienced civilian labor force	**25 581**	**5 653**	**6 438**	**3 403**	**3 161**	**2 581**	**1 837**	**1 631**	**698**	**179**	**4 206**	**5 046**
Professional, technical, and kindred workers	**1 682**	**249**	**212**	**135**	**154**	**248**	**155**	**274**	**197**	**58**	**6 367**	**7 187**
Accountants	55	–	–	6	8	16	–	11	14	–	...	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	47	–	–	–	6	14	–	14	13	–	...	...
Engineers	103	5	11	3	13	18	10	29	9	5	7 150	...
Aeronautical and astronautical	5	–	–	–	–	–	5	–	–	–	...	...
Civil	32	–	11	3	9	–	5	4	–	–	...	...
Electrical and electronic	20	–	–	–	4	–	–	7	9	–	...	...
Mechanical	7	–	–	–	–	–	–	7	–	–	...	...
Other engineers	39	5	–	–	–	18	–	11	–	5	...	...
Lawyers and judges	10	–	–	–	–	–	–	–	6	4	...	...
Life and physical scientists	13	–	–	–	–	–	13	–	–	–	...	...
Chemists	9	–	–	–	–	–	9	–	–	–	...	...
Physicians, dentists, and related practitioners	80	9	–	–	8	–	9	–	15	39	...	...
Dentists	14	–	–	–	–	–	9	–	–	5	...	...
Pharmacists	32	9	–	–	–	–	–	–	10	13	...	...
Physicians, medical and osteopathic	34	–	–	–	8	–	–	–	5	21	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	58	9	6	13	–	14	5	–	11	–	...	...
Religious workers	135	36	38	24	9	11	17	–	–	–	3 658	...
Social scientists	6	6	–	–	–	–	–	–	–	–	...	–
Social and recreation workers	91	34	7	7	14	8	–	15	6	–	...	...
Teachers	458	60	44	8	64	90	56	74	62	–	6 589	7 419
College and university	79	16	16	–	11	–	11	7	18	–	...	...
Elementary and prekindergarten	129	14	10	4	24	35	11	18	13	–	6 357	...
Secondary	228	30	14	4	29	43	34	49	25	–	6 860	7 900
Engineering and science technicians	204	37	25	19	8	42	23	42	8	–	6 310	6 892
Draftsmen and surveyors	56	20	7	4	8	9	–	4	4	–	...	...
Electrical and electronic engineering technicians	73	–	15	5	–	16	11	22	4	–	...	...
Technicians, except health, and engineering and science	8	–	–	4	–	–	4	–	–	–	...	...
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	129	27	38	3	12	5	9	18	7	10	3 974	...
Other professional, technical, and kindred workers	285	26	43	48	12	30	9	71	46	–	6 450	8 193
Managers and administrators, except farm	**881**	**122**	**120**	**116**	**63**	**88**	**86**	**154**	**115**	**17**	**6 222**	**6 682**
Buyers, purchasing agents, and sales managers	26	–	9	7	–	6	4	–	–	–	...	...
School administrators	76	8	–	–	4	–	20	19	25	–	...	...
Specified managers and administrators, public administration	104	5	7	13	14	5	19	19	18	4	7 421	...
Other specified managers and administrators	282	29	39	56	9	46	11	55	24	13	6 174	6 217
Managers and administrators, n.e.c., salaried	254	35	36	27	26	19	26	43	42	–	6 158	7 365
Manufacturing	33	6	5	–	5	5	–	–	12	–	...	...
Wholesale and retail trade	109	10	28	12	16	9	12	18	4	–	5 281	...
Transportation, communications, and other public utilities	19	–	–	–	–	–	11	3	5	–	...	...
All other industries	93	19	3	15	5	5	3	22	21	–	...	...
Managers and administrators, n.e.c., self-employed	139	45	29	13	10	12	6	18	6	–	3 690	4 125
Construction	40	17	9	9	–	–	–	5	–	–	...	...
Manufacturing	7	7	–	–	–	–	–	–	–	–	...	...
Wholesale and retail trade	69	9	20	–	10	5	6	13	6	–	...	...
All other industries	23	12	–	4	–	7	–	–	–	–	...	...
Sales workers	**405**	**109**	**54**	**39**	**37**	**71**	**47**	**22**	**17**	**9**	**5 014**	**6 112**
Insurance agents, brokers, and underwriters	51	–	5	4	4	26	–	–	7	5	...	...
Real estate agents and brokers	22	4	4	–	5	–	–	5	–	4	...	...
Sales representatives, manufacturing industries	28	5	7	–	–	6	5	–	5	–	...	...
Sales representatives, wholesale trade	36	4	–	4	4	5	8	11	–	–	...	...
Sales clerks, retail trade	106	26	15	21	15	15	9	–	5	–	4 571	...
Salesmen, retail trade	59	13	–	–	4	15	21	6	–	–	...	...
Salesmen of services and construction	19	10	–	–	5	4	–	–	–	–	...	...
Other sales workers	84	47	23	10	–	–	4	–	–	–	...	...
Clerical and kindred workers	**1 627**	**253**	**195**	**191**	**181**	**286**	**209**	**243**	**55**	**14**	**5 964**	**6 450**
Bank tellers and cashiers	61	13	9	12	17	6	–	4	–	–	...	...
Bookkeepers and billing clerks	35	5	14	–	–	–	–	11	5	–	...	...
Mail handlers and postal clerks	337	69	19	32	13	42	66	82	10	4	6 845	7 566
Other clerical and kindred workers	1 194	166	153	147	151	238	143	146	40	10	5 868	6 308
Craftsmen and kindred workers	**3 943**	**478**	**917**	**582**	**584**	**531**	**410**	**321**	**95**	**25**	**4 991**	**5 622**
Apparel craftsmen and upholsterers	37	3	5	9	5	–	12	3	–	–	...	...
Bakers	38	6	12	6	–	–	14	–	–	–	...	...
Cabinetmakers	25	–	5	–	10	–	5	–	–	5	...	...
Construction craftsmen	1 043	160	297	166	151	107	93	53	4	12	4 389	5 026
Carpenters	244	58	67	21	43	27	19	–	–	9	3 910	5 397
Excavating, grading, and road machine operators	134	9	58	23	9	11	11	13	–	–	4 000	...
Electricians	50	–	4	16	9	6	7	8	–	–	...	...
Masons and tile setters	173	9	54	33	36	20	21	–	–	–	4 712	...
Painters, construction and maintenance, and paperhangers	117	31	15	30	24	–	9	8	–	–	4 417	...
Plasterers and cement finishers	192	37	53	22	30	22	16	8	4	–	4 273	...
Plumbers and pipe fitters	90	5	27	14	–	21	4	16	–	3	...	...
Other construction craftsmen	43	11	19	7	–	–	6	–	–	–	...	...
Foremen, n.e.c.	204	12	17	40	30	18	47	21	14	5	6 167	7 213
Manufacturing	82	–	14	6	16	3	18	10	10	5	...	...
Nonmanufacturing industries	122	12	3	34	14	15	29	11	4	–	5 857	...
Linemen and servicemen, telephone and power	69	11	7	9	7	9	7	19	–	–	...	...
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	1 434	135	274	203	222	246	150	135	69	–	5 473	6 020
Air conditioning, heating, and refrigeration	40	7	–	15	13	5	–	–	–	–	...	...
Aircraft	328	–	16	6	19	98	87	69	33	–	7 287	7 333
Automobile, including body	678	106	174	142	101	102	13	23	17	–	4 415	4 800
Radio and television	56	7	–	–	5	–	35	5	4	–	...	...
Other mechanics and repairmen	332	15	84	40	84	41	15	38	15	–	5 321	5 516
Metal craftsmen, except mechanics	250	15	31	34	38	49	27	56	–	–	6 143	6 511
Machinists and job and die setters	170	8	24	24	34	27	14	39	–	–	5 853	6 205
Sheetmetal workers and tinsmiths	47	–	–	4	–	22	13	8	–	–	...	...
Tool and die makers	6	–	–	2	–	–	–	4	–	–	...	...
Other metal craftsmen	27	7	7	4	4	–	–	5	–	–	...	...
Printing craftsmen	49	11	4	12	–	22	–	–	–	–	...	...
Compositors and typesetters	37	11	4	–	–	22	–	–	–	–	...	...
Pressmen and plate printers, printing	12	–	–	12	–	–	–	–	–	–	...	...
Stationary engineers and power station operators	89	11	34	21	4	15	–	4	–	–	...	...
Other craftsmen and kindred workers	705	114	231	82	117	65	55	30	8	3	4 091	4 838

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**4 065**	**543**	**1 100**	**594**	**617**	**455**	**367**	**302**	**73**	**14**	**4 656**	**5 317**
Assemblers	194	14	26	21	66	18	41	8	–	–	5 545	5 650
Checkers, examiners, and inspectors; manufacturing	84	4	12	6	12	14	11	21	4	–	...	...
Garage workers and gas station attendants	417	98	131	61	40	22	36	19	–	10	3 687	4 320
Laundry and drycleaning operatives, n.e.c	140	24	40	43	23	5	–	–	5	–	4 140	4 326
Meat cutters and butchers	254	30	39	35	46	36	15	42	11	–	5 500	6 100
Mine operatives, n.e.c	63	4	17	4	–	8	9	13	8	–	...	...
Packers and wrappers, except produce	128	21	20	20	17	29	15	6	–	–	5 176	...
Painters, manufactured articles	115	9	34	35	5	14	–	13	5	–	4 414	...
Precision machine operatives	123	21	17	–	48	9	20	8	–	–	5 490	...
Sawyers	28	8	12	–	–	8	–	–	–	–	...	...
Stationary firemen	16	5	3	–	4	–	4	–	–	–	...	...
Textile operatives	28	3	5	17	3	–	–	–	–	–	...	...
Welders and flamecutters	282	19	71	44	59	30	30	29	–	–	5 119	5 569
Other metalworking operatives	140	11	32	21	15	30	9	22	–	–	5 400	5 875
Other specified operatives	811	120	290	135	123	50	44	36	13	–	3 969	4 658
Miscellaneous and not specified operatives	1 242	152	351	152	156	182	133	85	27	4	4 776	5 776
Occupation:												
Machine operatives, miscellaneous specified	518	49	174	63	42	102	49	26	9	4	4 571	5 764
Machine operatives, not specified	166	19	25	15	39	23	19	15	11	–	5 615	6 109
Miscellaneous operatives	381	56	104	42	60	32	54	26	7	–	4 726	5 556
Not specified operatives	177	28	48	32	15	25	11	18	–	–	4 391	...
Industry:												
Manufacturing	838	115	238	99	121	114	72	63	12	4	4 667	5 776
Durable goods	644	61	189	89	86	97	62	49	7	4	4 809	5 905
Wood products, including furniture	31	13	7	5	6	–	–	–	–	–	...	...
Primary metal industries	82	14	16	14	9	12	17	–	–	–	...	...
Fabricated metal industries	77	–	27	24	14	8	4	–	–	–	...	...
Machinery, including electrical	191	21	34	22	19	33	27	24	7	4	5 974	6 655
Motor vehicles and equipment	26	4	9	10	–	–	3	–	–	–	...	...
Transportation equipment, except motor vehicles	84	5	19	–	14	22	11	13	–	–	...	...
Other durable goods	153	4	77	14	24	22	–	12	–	–	3 883	...
Nondurable goods	194	54	49	10	35	17	10	14	5	–	3 755	5 543
Food and kindred products	94	9	24	4	20	17	5	10	5	–	...	...
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	6	–	–	6	–	–	–	–	–	–	...	...
Chemicals and allied products	–	–	–	–	–	–	–	–	–	–	–	–
Other nondurable goods	94	45	25	–	15	–	5	4	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	404	37	113	53	35	68	61	22	15	–	4 981	5 776
Transportation, communications, and other public utilities	63	–	18	8	13	–	13	–	11	–	...	...
Wholesale and retail trade	98	4	48	29	7	4	6	–	–	–	...	...
All other industries	243	33	47	16	15	64	42	22	4	–	6 164	6 314
Transport equipment operatives	**1 945**	**270**	**675**	**399**	**230**	**180**	**103**	**65**	**19**	**4**	**4 069**	**4 495**
Bus drivers	157	60	60	16	16	–	–	5	–	–	2 617	...
Taxicab drivers and chauffeurs	146	20	63	42	11	6	4	–	–	–	3 683	...
Truck drivers and deliverymen	1 291	153	431	285	145	139	90	35	9	4	4 216	4 524
Other transport equipment operatives	351	37	121	56	58	35	9	25	10	–	4 313	4 909
Laborers, except farm	**4 563**	**1 371**	**1 319**	**533**	**651**	**347**	**169**	**129**	**34**	**10**	**3 381**	**4 490**
Construction laborers	1 204	316	351	162	219	78	45	29	4	–	3 630	4 489
Freight, stock, and material handlers	1 151	285	289	163	165	134	61	36	18	–	4 009	4 861
Other specified laborers	1 486	610	442	133	113	86	40	46	12	4	2 602	3 875
Miscellaneous and not specified laborers	722	160	237	75	154	49	23	18	–	6	3 696	4 777
Occupation:												
Miscellaneous laborers	204	31	59	47	26	23	4	8	–	6	4 255	4 830
Not specified laborers	518	129	178	28	128	26	19	10	–	–	3 461	4 639
Industry:												
Manufacturing	292	53	108	18	75	18	–	14	–	6	3 722	4 438
Durable goods	200	26	78	5	58	18	–	9	–	6	3 897	5 125
Wood products, including furniture	27	–	27	–	–	–	–	–	–	–	...	...
Metal industries	84	5	28	–	27	14	–	4	–	6	...	...
Machinery, including electrical	18	13	5	–	–	–	–	–	–	–	...	...
Transportation equipment	32	4	5	5	14	4	–	–	–	–	...	...
Other durable goods	39	4	13	–	17	–	–	5	–	–	...	...
Nondurable goods	83	18	30	13	17	–	–	5	–	–	...	...
Food and kindred products	37	14	15	3	–	–	–	5	–	–	...	...
Not specified manufacturing industries	9	9	–	–	–	–	–	–	–	–	...	...
Nonmanufacturing industries	430	107	129	57	79	31	23	4	–	–	3 674	4 825
Railroads and railway express service	89	–	21	22	21	17	4	4	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	57	21	11	14	8	3	–	–	–	–	...	...
Wholesale and retail trade	105	20	39	5	36	5	–	–	–	–	3 667	...
All other industries	179	66	58	16	14	6	19	–	–	–	2 810	...
Farmers and farm managers	**291**	**182**	**76**	**6**	**5**	**–**	**12**	**10**	**–**	**–**	**1 599**	**1 644**
Farm laborers and farm foremen	**696**	**404**	**190**	**25**	**42**	**14**	**5**	**6**	**6**	**4**	**1 723**	**2 672**
Paid farm laborers and farm foremen	696	404	190	25	42	14	5	6	6	4	1 723	2 672
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**5 331**	**1 588**	**1 533**	**783**	**588**	**361**	**274**	**99**	**81**	**24**	**3 406**	**4 334**
Cleaning service workers	2 998	788	986	462	319	192	157	59	26	9	3 442	4 172
Food service workers	1 133	483	269	128	105	73	51	14	5	5	2 621	4 258
Cooks, except private household	438	92	106	78	61	35	46	10	5	5	4 269	4 829
Busboys and dishwashers	318	242	69	–	7	–	–	–	–	–	1 314	...
Health service workers	157	15	61	33	25	13	5	5	–	–	4 076	4 411
Personal service workers	306	126	81	47	25	21	6	–	–	–	2 667	3 632
Protective service workers	239	31	22	57	44	40	16	9	15	5	5 216	5 545
Firemen, fire protection	20	–	–	–	12	2	–	–	6	–	...	...
Guards and watchmen	113	10	11	35	27	7	5	4	9	5	5 019	...
Policemen and detectives	84	5	11	16	5	31	11	5	–	–	...	...
Private household workers	**152**	**84**	**47**	**–**	**9**	**–**	**–**	**6**	**6**	**–**	**1 810**	**...**

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Persons of Spanish Language												
Experienced civilian labor force	**7 222**	**1 283**	**1 188**	**673**	**725**	**616**	**665**	**873**	**763**	**436**	**5 644**	**7 093**
Professional, technical, and kindred workers	**1 080**	**103**	**62**	**69**	**53**	**70**	**105**	**209**	**212**	**197**	**8 746**	**9 549**
Accountants	107	17	8	–	–	11	23	19	29	–	7 761	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	35	6	–	9	–	–	–	7	6	7	...	...
Engineers	141	–	7	–	–	8	7	17	64	38	12 461	13 047
Aeronautical and astronautical	27	–	–	–	–	8	–	–	–	19	...	...
Civil	22	–	–	–	–	–	–	–	22	–	...	...
Electrical and electronic	26	–	–	–	–	–	7	8	7	4	...	...
Mechanical	–	–	–	–	–	–	–	–	–	–	–	–
Other engineers	66	–	7	–	–	–	–	9	35	15	...	...
Lawyers and judges	50	–	–	–	–	–	–	–	–	50	...	...
Life and physical scientists	37	7	–	–	7	–	–	–	6	17	...	...
Chemists	20	7	–	–	7	–	–	–	6	–	...	...
Physicians, dentists, and related practitioners	71	–	–	–	6	–	–	5	21	39	...	...
Dentists	6	–	–	–	–	–	–	–	–	6	...	...
Pharmacists	5	–	–	–	–	–	–	5	–	–	...	–
Physicians, medical and osteopathic	60	–	–	–	6	–	–	–	21	33	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	43	6	16	–	–	13	8	–	–	–	...	...
Religious workers	27	–	6	14	–	–	7	–	–	–	...	...
Social scientists	31	–	–	–	6	–	–	10	8	7	...	...
Social and recreation workers	28	–	–	–	6	–	–	7	8	7	...	...
Teachers	157	21	6	5	–	5	28	47	19	26	8 574	...
College and university	81	7	6	–	–	–	8	29	19	12	...	...
Elementary and prekindergarten	28	–	–	–	–	–	15	13	–	–	...	...
Secondary	36	7	–	5	–	–	5	5	–	14	...	...
Engineering and science technicians	165	7	6	29	13	20	25	43	22	–	7 300	7 583
Draftsmen and surveyors	103	–	6	22	13	–	19	35	8	–	7 553	...
Electrical and electronic engineering technicians	41	–	–	–	–	13	6	8	14	–	...	...
Technicians, except health, and engineering and science	30	7	–	5	–	–	–	6	6	6	...	...
Airplane pilots	5	–	–	5	–	–	–	–	–	–	...	–
Writers, artists, and entertainers	80	7	6	–	8	6	7	35	11	–	...	...
Other professional, technical, and kindred workers	78	25	7	7	7	7	–	13	12	–	...	...
Managers and administrators, except farm	**671**	**98**	**41**	**37**	**13**	**108**	**34**	**60**	**169**	**111**	**8 150**	**9 767**
Buyers, purchasing agents, and sales managers	85	10	6	–	7	15	–	16	25	6	...	...
School administrators	17	6	–	–	–	5	–	–	6	–	...	...
Specified managers and administrators, public administration	32	–	6	–	–	–	–	5	21	–	...	...
Other specified managers and administrators	186	10	17	8	6	56	6	12	38	33	6 929	10 329
Managers and administrators, n.e.c., salaried	271	24	12	29	–	32	28	14	74	58	9 500	10 845
Manufacturing	13	–	–	–	–	–	–	–	6	7	...	...
Wholesale and retail trade	146	17	12	24	–	20	21	–	32	20	7 000	7 762
Transportation, communications, and other public utilities	36	–	–	5	–	6	7	–	18	–	...	...
All other industries	76	7	–	–	–	6	–	14	18	31	...	...
Managers and administrators, n.e.c., self-employed	80	48	–	–	–	–	–	13	5	14	...	...
Construction	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	16	16	–	–	–	–	–	–	–	–	...	...
Wholesale and retail trade	45	25	–	–	–	–	–	8	5	7	...	...
All other industries	19	7	–	–	–	–	–	5	–	7	...	...
Sales workers	**301**	**42**	**15**	**22**	**6**	**12**	**60**	**45**	**62**	**37**	**7 892**	**8 750**
Insurance agents, brokers, and underwriters	30	–	–	–	–	–	–	7	23	–	...	...
Real estate agents and brokers	–	–	–	–	–	–	–	–	–	–	–	–
Sales representatives, manufacturing industries	44	–	–	7	–	–	7	13	12	5	...	...
Sales representatives, wholesale trade	90	–	–	9	–	12	35	9	20	5	...	...
Sales clerks, retail trade	67	32	6	–	–	–	–	–	7	22	...	...
Salesmen, retail trade	49	3	9	6	–	–	18	8	–	5	...	...
Salesmen of services and construction	6	–	–	–	6	–	–	–	–	–	...	...
Other sales workers	15	7	–	–	–	–	–	8	–	–	...	...
Clerical and kindred workers	**514**	**55**	**72**	**57**	**93**	**33**	**69**	**70**	**54**	**11**	**5 785**	**6 667**
Bank tellers and cashiers	13	–	5	–	–	8	–	–	–	–	...	...
Bookkeepers and billing clerks	35	8	9	–	6	–	–	–	12	–	...	...
Mail handlers and postal clerks	40	7	–	–	–	9	7	17	–	–	...	...
Other clerical and kindred workers	426	40	58	57	87	16	62	53	42	11	5 667	6 063
Craftsmen and kindred workers	**1 447**	**162**	**278**	**104**	**168**	**128**	**202**	**220**	**157**	**28**	**6 090**	**7 449**
Apparel craftsmen and upholsterers	41	–	7	–	12	14	8	–	–	–	...	...
Bakers	19	–	–	–	10	–	9	–	–	–	...	...
Cabinetmakers	–	–	–	–	–	–	–	–	–	–	–	–
Construction craftsmen	421	48	98	39	69	34	27	34	72	–	5 370	6 980
Carpenters	134	22	44	24	6	16	–	7	15	–	4 042	...
Excavating, grading, and road machine operators	35	9	7	6	7	–	–	6	–	–	...	...
Electricians	89	–	6	–	28	–	5	–	50	–	...	...
Masons and tile setters	28	–	7	–	13	–	8	–	–	–	...	...
Painters, construction and maintenance, and paperhangers	56	7	15	–	9	4	14	7	–	–	...	...
Plasterers and cement finishers	29	–	–	9	6	–	–	14	–	–	...	...
Plumbers and pipe fitters	21	–	7	–	–	14	–	–	–	–	...	...
Other construction craftsmen	29	10	12	–	–	–	–	–	7	–	...	...
Foremen, n.e.c.	119	9	7	12	5	–	11	33	42	–	8 939	9 212
Manufacturing	50	–	–	–	–	–	11	21	18	–	...	...
Nonmanufacturing industries	69	9	7	12	5	–	–	12	24	–	...	...
Linemen and servicemen, telephone and power	24	–	–	12	–	–	7	–	5	–	...	...
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	466	59	93	18	27	39	114	91	17	8	6 923	7 642
Air conditioning, heating, and refrigeration	26	–	10	–	11	–	5	–	–	–	...	...
Aircraft	119	–	6	–	–	16	40	32	17	8	7 938	8 250
Automobile, including body	146	9	50	–	9	14	35	29	–	–	6 357	...
Radio and television	23	10	–	–	–	–	–	13	–	–	...	...
Other mechanics and repairmen	152	40	27	18	7	9	34	17	–	–	4 500	...
Metal craftsmen, except mechanics	72	–	–	7	13	16	–	29	–	7	...	...
Machinists and job and die setters	42	–	–	–	6	–	–	29	–	7	...	...
Sheetmetal workers and tinsmiths	7	–	–	7	–	–	–	–	–	–	...	...
Tool and die makers	–	–	–	–	–	–	–	–	–	–	–	–
Other metal craftsmen	23	–	–	–	7	16	–	–	–	–	...	...
Printing craftsmen	43	7	–	–	12	6	–	18	–	–	...	...
Compositors and typesetters	19	7	–	–	–	–	–	12	–	–	...	...
Pressmen and plate printers, printing	24	–	–	–	12	6	–	6	–	–	...	...
Stationary engineers and power station operators	25	–	–	–	–	8	7	10	–	–	...	...
Other craftsmen and kindred workers	217	39	73	16	20	11	19	5	21	13	3 904	5 800

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Persons of Spanish Language—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**1 134**	**157**	**234**	**154**	**164**	**138**	**125**	**133**	**23**	**6**	**5 134**	**5 983**
Assemblers	44	6	–	23	7	–	8	–	–	–	...	...
Checkers, examiners, and inspectors, manufacturing	31	7	–	6	5	–	13	–	–	–	...	...
Garage workers and gas station attendants	74	16	43	–	15	–	–	–	–	–	...	...
Laundry and drycleaning operatives, n.e.c	20	–	–	6	–	8	6	–	–	–	...	...
Meat cutters and butchers	104	–	11	8	13	24	7	23	18	–	6 833	...
Mine operatives, n.e.c.	81	24	30	21	–	–	–	6	–	–	...	...
Packers and wrappers, except produce	27	–	17	10	–	–	–	–	–	–	...	...
Painters, manufactured articles	16	–	–	–	5	11	–	–	–	–	...	...
Precision machine operatives	60	6	5	–	7	7	29	6	–	–	...	...
Sawyers	14	–	7	–	–	–	–	7	–	–	...	...
Stationary firemen	6	–	6	–	–	–	–	–	–	–	...	...
Textile operatives	12	–	5	–	7	–	–	–	–	–	...	...
Welders and flamecutters	158	7	–	16	44	26	31	34	–	–	6 462	6 975
Other metalworking operatives	45	5	8	19	–	7	–	6	–	–	...	...
Other specified operatives	153	31	28	11	38	19	8	12	–	6	5 171	...
Miscellaneous and not specified operatives	289	55	74	34	23	36	23	39	5	–	4 456	6 154
Occupation:												
Machine operatives, miscellaneous specified	92	27	46	7	–	12	–	–	–	–	...	...
Machine operatives, not specified	25	–	12	–	6	–	7	–	–	–	...	...
Miscellaneous operatives	121	22	16	14	17	14	16	22	–	–	5 500	...
Not specified operatives	51	6	–	13	–	10	–	17	5	–	...	...
Industry:												
Manufacturing	185	31	60	20	6	16	13	39	–	–	4 075	6 333
Durable goods	101	12	34	7	6	10	7	25	–	–	4 643	...
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Primary metal industries	4	4	–	–	–	–	–	–	–	–	...	–
Fabricated metal industries	23	–	23	–	–	–	–	–	–	–	...	...
Machinery, including electrical	15	–	–	–	–	–	7	8	–	–	...	...
Motor vehicles and equipment	21	–	11	–	–	10	–	–	–	–	...	–
Transportation equipment, except motor vehicles	30	–	–	7	6	–	–	17	–	–	...	...
Other durable goods	8	8	–	–	–	–	–	–	–	–	...	–
Nondurable goods	84	19	26	13	–	6	6	14	–	–	...	...
Food and kindred products	41	7	14	–	–	6	–	14	–	–	...	...
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	8	–	8	–	–	–	–	–	–	–	...	...
Chemicals and allied products	5	5	–	–	–	–	–	–	–	–	...	–
Other nondurable goods	30	7	4	13	–	–	6	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	104	24	14	14	17	20	10	–	5	–	5 000	...
Transportation, communications, and other public utilities	23	–	–	–	–	8	10	–	5	–	...	...
Wholesale and retail trade	41	15	7	7	–	12	–	–	–	–	...	...
All other industries	40	9	7	7	17	–	–	–	–	–	...	...
Transport equipment operatives	**383**	**42**	**98**	**35**	**54**	**8**	**26**	**40**	**34**	**46**	**5 306**	**6 063**
Bus drivers	–	–	–	–	–	–	–	–	–	–	–	–
Taxicab drivers and chauffeurs	–	–	–	–	–	–	–	–	–	–	–	–
Truck drivers and deliverymen	325	42	91	26	46	8	13	19	34	46	5 076	5 871
Other transport equipment operatives	58	–	7	9	8	–	13	21	–	–	...	...
Laborers, except farm	**715**	**206**	**178**	**76**	**114**	**74**	**16**	**37**	**14**	**–**	**3 702**	**5 219**
Construction laborers	181	46	76	15	23	7	7	7	–	–	3 171	3 415
Freight, stock, and material handlers	252	76	45	28	35	33	5	16	14	–	4 179	5 981
Other specified laborers	131	49	32	12	27	11	–	–	–	–	3 031	...
Miscellaneous and not specified laborers	151	35	25	21	29	23	4	14	–	–	4 738	...
Occupation:												
Miscellaneous laborers	79	11	19	7	22	13	–	7	–	–	...	...
Not specified laborers	72	24	6	14	7	10	4	7	–	–	...	...
Industry:												
Manufacturing	15	–	11	–	–	–	4	–	–	–	...	...
Durable goods	11	–	11	–	–	–	–	–	–	–	...	–
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Metal industries	11	–	11	–	–	–	–	–	–	–	...	–
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–	–	–	–	–
Nondurable goods	4	–	–	–	–	–	4	–	–	–	...	...
Food and kindred products	4	–	–	–	–	–	4	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	136	35	14	21	29	23	–	14	–	–	4 905	...
Railroads and railway express service	73	6	8	7	22	23	–	7	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	18	18	–	–	–	–	–	–	–	–	...	–
All other industries	45	11	6	14	7	–	–	7	–	–	...	...
Farmers and farm managers	**77**	**26**	**5**	**6**	**–**	**15**	**6**	**6**	**13**	**–**	...	...
Farm laborers and farm foremen	**332**	**172**	**92**	**34**	**11**	**14**	**–**	**9**	**–**	**–**	**1 930**	**3 342**
Paid farm laborers and farm foremen	332	172	92	34	11	14	–	9	–	–	1 930	3 342
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**563**	**215**	**113**	**79**	**49**	**16**	**22**	**44**	**25**	**–**	**3 177**	**4 908**
Cleaning service workers	159	64	66	9	14	–	6	–	–	–	2 470	...
Food service workers	180	88	27	30	8	7	–	20	–	–	2 148	...
Cooks, except private household	95	38	14	24	–	7	–	12	–	–	...	...
Busboys and dishwashers	39	18	13	–	8	–	–	–	–	–	...	...
Health service workers	8	8	–	–	–	–	–	–	–	–	...	–
Personal service workers	87	33	20	–	7	9	–	7	11	–	...	...
Protective service workers	82	–	–	29	14	–	8	17	14	–	...	...
Firemen, fire protection	41	–	–	12	7	–	8	–	14	–	...	...
Guards and watchmen	10	–	–	10	–	–	–	–	–	–	...	...
Policemen and detectives	31	–	–	7	7	–	–	17	–	–	...	...
Private household workers	**5**	**5**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	...	...

[1]Includes allocated cases not shown separately.

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
OKLAHOMA CITY SMSA												
Total												
Experienced civilian labor force	**159 596**	**19 528**	**16 948**	**10 715**	**13 079**	**16 557**	**16 526**	**24 131**	**27 022**	**15 090**	**7 180**	**8 036**
Professional, technical, and kindred workers	**26 865**	**1 825**	**1 773**	**846**	**1 272**	**1 747**	**2 163**	**4 124**	**7 761**	**5 354**	**9 846**	**10 873**
Accountants	2 606	136	150	71	142	172	251	501	826	357	9 521	9 938
Architects	232	4	8	6	10	5	12	16	70	101	13 929	14 536
Computer specialists	847	15	53	12	40	41	69	171	356	90	10 316	10 616
Engineers	4 682	88	81	46	110	122	272	632	2 054	1 277	12 410	12 610
Aeronautical and astronautical	236	–	–	–	–	4	16	24	97	95	13 814	14 018
Civil	813	25	35	14	22	34	81	129	305	168	11 090	11 352
Electrical and electronic	1 117	21	16	6	25	33	54	115	560	287	12 576	12 849
Mechanical	336	16	–	–	20	5	5	19	155	116	13 323	13 327
Other engineers	2 180	26	30	26	43	46	116	345	937	611	12 444	12 647
Lawyers and judges	1 280	100	24	32	55	37	24	116	263	629	14 791	15000+
Life and physical scientists	931	39	31	5	16	49	55	55	394	287	12 735	13 194
Chemists	184	11	4	–	–	23	32	24	63	27	9 833	10 833
Physicians, dentists, and related practitioners	1 882	99	121	63	100	65	22	144	395	873	14 139	14 980
Dentists	235	29	–	5	8	14	–	21	37	121	15000+	15000+
Pharmacists	454	44	72	30	39	14	–	59	129	67	8 949	10 756
Physicians, medical and osteopathic	1 024	13	44	28	42	37	22	54	193	591	15000+	15000+
Other related practitioners	169	13	5	–	11	–	–	10	36	94	15000+	15000+
Health technologists and technicians	460	47	54	27	43	48	53	69	85	34	7 208	7 745
Religious workers	762	78	101	66	83	82	79	144	96	33	6 646	7 278
Social scientists	253	4	11	–	9	21	8	58	88	54	10 881	11 790
Social and recreation workers	367	55	65	24	32	61	20	32	68	10	6 123	6 910
Teachers	3 596	284	317	124	213	357	390	593	743	575	8 381	10 029
College and university	1 501	112	187	64	46	42	58	154	457	381	10 957	13 488
Elementary and prekindergarten	467	42	24	14	67	89	71	84	51	25	6 972	7 862
Secondary	1 184	80	83	46	96	198	252	276	76	77	7 353	7 766
Engineering and science technicians	2 860	186	212	130	170	327	404	629	669	133	8 003	8 493
Draftsmen and surveyors	1 100	114	127	74	112	134	162	219	124	34	6 918	7 460
Electrical and electronic engineering technicians	1 147	19	34	28	24	118	146	291	419	68	9 405	9 562
Technicians, except health, and engineering and science	1 024	27	66	39	55	53	87	144	320	233	10 641	11 395
Airplane pilots	142	5	5	5	6	12	–	10	58	41	12 414	12 500
Writers, artists, and entertainers	1 912	340	214	71	72	131	139	291	448	206	7 921	9 470
Other professional, technical, and kindred workers	3 171	323	265	130	122	176	278	529	886	462	9 102	9 984
Managers and administrators, except farm	**22 505**	**1 034**	**1 040**	**814**	**1 026**	**1 643**	**1 829**	**3 498**	**6 264**	**5 357**	**10 294**	**10 798**
Buyers, purchasing agents, and sales managers	3 089	78	104	71	120	216	266	492	955	787	11 034	11 341
School administrators	600	15	4	17	13	8	39	150	217	137	11 244	11 951
Specified managers and administrators, public administration	2 392	50	31	70	119	174	226	446	804	472	10 498	10 622
Other specified managers and administrators	3 497	221	242	174	152	342	261	538	942	625	9 325	9 984
Managers and administrators, n.e.c., salaried	9 543	286	386	244	373	620	795	1 489	2 759	2 591	11 048	11 441
Manufacturing	1 487	45	41	11	30	41	134	221	459	505	12 402	12 444
Wholesale and retail trade	3 466	76	203	127	192	377	378	615	793	705	9 236	9 597
Transportation, communications, and other public utilities	908	6	20	5	36	27	66	151	411	186	11 740	11 825
All other industries	3 682	159	122	101	115	175	217	502	1 096	1 195	12 053	12 493
Managers and administrators, n.e.c., self-employed	3 384	384	273	238	249	283	242	383	587	745	8 120	8 687
Construction	740	46	43	52	48	43	70	95	177	166	9 432	10 550
Manufacturing	218	21	26	21	12	11	16	29	31	51	8 138	7 969
Wholesale and retail trade	1 504	183	129	108	139	146	74	158	275	292	7 635	8 529
All other industries	922	134	75	57	50	83	82	101	104	236	7 756	7 838
Sales workers	**13 268**	**1 589**	**1 162**	**792**	**825**	**1 256**	**1 118**	**2 150**	**2 635**	**1 741**	**7 903**	**8 787**
Insurance agents, brokers, and underwriters	1 704	105	92	104	123	173	120	267	372	348	9 011	9 485
Real estate agents and brokers	614	74	83	27	42	54	33	72	104	125	7 818	8 896
Sales representatives, manufacturing industries	1 436	59	48	32	34	96	107	254	495	311	10 889	11 239
Sales representatives, wholesale trade	2 930	111	80	134	163	380	292	655	714	401	8 931	9 110
Sales clerks, retail trade	2 723	696	439	225	207	212	244	276	279	145	5 007	7 071
Salesmen, retail trade	1 648	175	130	111	133	197	183	343	239	137	7 426	7 997
Salesmen of services and construction	659	60	84	34	42	58	44	110	175	52	8 136	9 093
Other sales workers	1 554	309	206	125	81	86	95	173	257	222	6 651	8 464
Clerical and kindred workers	**14 223**	**2 004**	**1 475**	**936**	**1 110**	**1 775**	**1 861**	**2 688**	**1 801**	**573**	**6 894**	**7 607**
Bank tellers and cashiers	804	331	232	96	47	27	15	24	27	5	2 612	3 833
Bookkeepers and billing clerks	955	132	132	73	63	164	105	156	95	35	6 473	6 987
Mail handlers and postal clerks	1 982	157	174	82	120	206	430	672	127	14	7 586	7 952
Other clerical and kindred workers	10 482	1 384	937	685	880	1 378	1 311	1 836	1 552	519	6 983	7 661
Craftsmen and kindred workers	**34 300**	**2 523**	**2 957**	**2 558**	**3 432**	**4 671**	**5 232**	**6 845**	**5 079**	**1 003**	**7 193**	**7 672**
Apparel craftsmen and upholsterers	287	35	57	29	51	37	15	28	21	14	5 441	5 961
Bakers	215	29	36	9	26	25	47	34	5	4	6 300	7 202
Cabinetmakers	235	49	57	15	15	38	30	26	–	5	4 767	6 197
Construction craftsmen	8 893	850	989	858	922	1 247	1 111	1 402	1 250	264	6 664	7 478
Carpenters	2 750	333	367	285	322	384	292	415	250	102	6 177	7 057
Excavating, grading, and road machine operators	669	57	32	109	99	85	77	123	60	27	6 441	7 045
Electricians	1 341	69	64	67	97	144	260	312	300	28	7 883	8 252
Masons and tile setters	666	53	84	66	83	73	65	102	116	24	6 644	8 483
Painters, construction and maintenance, and paperhangers	1 252	166	145	158	173	209	160	122	88	31	5 908	6 665
Plasterers and cement finishers	473	70	72	39	41	92	67	35	53	4	6 158	6 742
Plumbers and pipe fitters	1 090	59	90	57	65	170	104	209	292	44	8 000	8 356
Other construction craftsmen	652	43	135	77	42	90	86	84	91	4	6 322	7 075
Foremen, n.e.c.	4 516	117	93	159	280	450	591	1 202	1 302	322	8 945	9 176
Manufacturing	1 614	30	32	85	77	96	262	417	475	140	9 079	9 371
Nonmanufacturing industries	2 902	87	61	74	203	354	329	785	827	182	8 874	9 071
Linemen and servicemen, telephone and power	1 048	57	43	78	57	74	130	301	300	8	8 565	8 810
Locomotive engineers and firemen	112	–	–	–	–	5	11	15	71	10	11 761	...
Mechanics and repairmen	10 973	621	896	765	1 259	1 702	2 156	2 188	1 226	160	7 113	7 424
Air conditioning, heating, and refrigeration	460	60	23	54	84	25	95	32	76	11	6 360	7 253
Aircraft	2 853	35	79	67	202	564	795	721	338	52	7 603	7 705
Automobile, including body	3 338	255	425	324	458	484	422	604	317	49	6 428	6 988
Radio and television	809	56	44	60	117	101	210	127	94	–	7 126	7 424
Other mechanics and repairmen	3 513	215	325	260	398	528	634	704	401	48	7 048	7 370
Metal craftsmen, except mechanics	2 593	145	146	118	233	385	478	690	346	52	7 564	7 869
Machinists and job and die setters	1 341	67	76	72	95	249	280	348	130	24	7 398	7 675
Sheetmetal workers and tinsmiths	719	39	37	20	88	82	118	199	114	22	7 792	7 991
Tool and die makers	306	12	15	26	9	37	34	95	72	6	8 421	8 753
Other metal craftsmen	227	27	18	–	41	17	46	48	30	–	7 228	7 806
Printing craftsmen	852	53	63	82	87	138	144	228	52	5	7 021	7 435
Compositors and typesetters	381	37	26	19	47	48	74	109	16	5	7 182	7 566
Pressmen and plate printers, printing	341	12	28	52	30	73	55	71	20	–	6 664	7 036
Stationary engineers and power station operators	613	18	36	77	121	86	63	114	87	11	6 634	6 630
Other craftsmen and kindred workers	3 963	549	541	368	381	484	456	617	419	148	6 294	7 003

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
OKLAHOMA CITY SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**15 062**	**2 204**	**2 334**	**1 531**	**1 929**	**2 209**	**1 752**	**1 912**	**958**	**233**	**5 758**	**6 591**
Assemblers	934	85	219	96	139	85	141	112	51	6	5 482	6 395
Checkers, examiners, and inspectors; manufacturing	845	37	40	51	66	126	125	220	174	6	7 820	8 298
Garage workers and gas station attendants	1 571	661	322	189	149	75	39	40	58	38	2 773	4 730
Laundry and drycleaning operatives, n.e.c	219	42	43	38	30	16	6	17	27	–	4 645	5 080
Meat cutters and butchers	889	67	52	78	112	113	102	252	108	5	7 221	7 657
Mine operatives, n.e.c	373	39	42	25	47	62	28	67	36	27	6 540	7 411
Packers and wrappers, except produce	598	72	133	62	46	141	80	52	12	–	5 696	6 440
Painters, manufactured articles	323	30	72	38	54	58	30	25	11	5	5 398	6 137
Precision machine operatives	454	48	35	31	41	68	72	120	33	6	7 056	7 702
Sawyers	107	4	22	27	9	16	12	13	–	4	5 056	...
Stationary firemen	135	21	–	20	18	26	30	10	10	–	6 327	6 596
Textile operatives	16	–	–	6	–	5	–	5	–	–	...	...
Welders and flamecutters	1 762	112	178	203	309	282	309	268	76	25	6 280	6 842
Other metalworking operatives	570	61	64	66	99	124	79	62	15	–	5 949	6 471
Other specified operatives	2 442	385	525	213	298	328	190	246	188	69	5 329	6 197
Miscellaneous and not specified operatives	3 824	540	587	388	512	684	509	403	159	42	5 775	6 527
Occupation:												
Machine operatives, miscellaneous specified	1 470	146	213	116	187	301	236	179	74	18	6 243	6 767
Machine operatives, not specified	519	45	75	45	87	136	79	42	10	–	6 055	6 418
Miscellaneous operatives	1 340	272	209	147	177	196	147	121	52	19	5 237	6 343
Not specified operatives	495	77	90	80	61	51	47	61	23	5	5 008	6 076
Industry:												
Manufacturing	2 320	318	384	235	352	387	292	223	105	24	5 634	6 399
Durable goods	1 608	190	283	161	254	292	214	122	73	19	5 669	6 395
Wood products, including furniture	89	23	9	18	6	18	15	–	–	–	...	...
Primary metal industries	38	8	5	16	–	–	4	5	–	–	...	...
Fabricated metal industries	236	40	42	40	53	41	10	10	–	–	4 900	5 541
Machinery, including electrical	893	67	145	53	157	191	138	65	58	19	6 128	6 631
Motor vehicles and equipment	87	14	30	19	14	10	–	–	–	–	...	...
Transportation equipment, except motor vehicles	109	5	22	6	15	10	20	26	5	–	6 650	...
Other durable goods	156	33	30	9	9	22	27	16	10	–	5 667	7 037
Nondurable goods	694	128	101	69	93	95	70	101	32	5	5 527	6 421
Food and kindred products	373	46	53	34	67	46	34	66	27	–	5 799	6 522
Apparel and other fabricated textile products	4	4	–	–	–	–	–	–	–	–	...	–
Paper and allied products	55	5	15	14	–	15	6	–	–	–	...	...
Chemicals and allied products	28	10	–	–	9	5	–	4	–	–	...	...
Other nondurable goods	234	63	33	21	17	29	30	31	5	5	5 000	6 552
Not specified manufacturing industries	18	–	–	5	5	–	8	–	–	–	...	...
Nonmanufacturing industries	1 504	222	203	153	160	297	217	180	54	18	6 047	6 704
Transportation, communications, and other public utilities	200	17	26	14	17	46	40	15	25	–	6 565	7 025
Wholesale and retail trade	357	76	66	38	56	52	44	20	5	–	4 961	6 304
All other industries	947	129	111	101	87	199	133	145	24	18	6 229	6 735
Transport equipment operatives	**9 948**	**949**	**1 301**	**854**	**1 092**	**1 052**	**1 215**	**1 445**	**1 526**	**514**	**6 740**	**7 354**
Bus drivers	341	82	52	33	47	45	29	21	27	5	5 074	5 915
Taxicab drivers and chauffeurs	256	34	119	33	34	6	11	6	–	13	3 580	4 286
Truck drivers and deliverymen	7 657	613	866	648	792	818	921	1 179	1 350	470	7 099	7 626
Other transport equipment operatives	1 694	220	264	140	219	183	254	239	149	26	6 022	6 833
Laborers, except farm	**9 201**	**2 698**	**2 035**	**961**	**1 187**	**1 064**	**531**	**523**	**150**	**52**	**3 870**	**5 460**
Construction laborers	1 904	510	467	225	294	207	82	69	45	5	3 893	5 130
Freight, stock, and material handlers	4 074	1 117	852	368	512	529	311	292	68	25	4 185	5 870
Other specified laborers	2 030	678	489	232	226	205	86	75	28	11	3 378	4 744
Miscellaneous and not specified laborers	1 193	393	227	136	155	123	52	87	9	11	3 793	5 614
Occupation:												
Miscellaneous laborers	268	52	31	48	61	32	10	34	–	–	5 049	5 592
Not specified laborers	925	341	196	88	94	91	42	53	9	11	3 240	5 624
Industry:												
Manufacturing	337	105	90	29	44	40	15	10	4	–	3 411	5 487
Durable goods	234	65	65	18	29	36	12	5	4	–	3 600	5 652
Wood products, including furniture	9	5	–	–	–	–	–	–	4	–	...	...
Metal industries	79	20	20	6	12	16	–	5	–	–	...	...
Machinery, including electrical	34	25	3	–	–	–	6	–	–	–	...	...
Transportation equipment	47	–	26	–	6	15	–	–	–	–	...	...
Other durable goods	65	15	16	12	11	5	6	–	–	–	...	...
Nondurable goods	103	40	25	11	15	4	3	5	–	–	2 920	...
Food and kindred products	72	36	14	4	6	4	3	5	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	856	288	137	107	111	83	37	77	5	11	4 028	5 669
Railroads and railway express service	92	–	5	6	38	23	4	16	–	–	...	...
Transportation, except railroads	80	25	10	–	15	9	–	16	5	–	...	...
Communications, and utilities and sanitary services	85	20	5	27	12	7	9	–	–	5	...	...
Wholesale and retail trade	281	130	41	23	27	23	5	26	–	6	2 512	5 500
All other industries	318	113	76	51	19	21	19	19	–	–	3 211	5 211
Farmers and farm managers	**1 419**	**331**	**274**	**150**	**165**	**86**	**61**	**102**	**169**	**81**	**4 697**	**4 950**
Farm laborers and farm foremen	**840**	**356**	**178**	**83**	**75**	**43**	**29**	**16**	**39**	**21**	**2 719**	**4 341**
Paid farm laborers and farm foremen	806	348	163	77	75	43	29	16	34	21	2 675	4 389
Unpaid family workers	34	8	15	6	–	–	–	–	5	–	...	...
Service workers, except private household[1]	**11 872**	**3 984**	**2 380**	**1 190**	**959**	**1 011**	**724**	**828**	**640**	**156**	**3 640**	**5 526**
Cleaning service workers	4 102	1 323	1 086	656	462	264	111	99	72	29	3 341	4 455
Food service workers	2 777	1 737	479	123	101	121	80	74	49	13	1 599	4 054
Cooks, except private household	1 139	577	193	81	47	70	60	60	44	7	1 974	5 056
Busboys and dishwashers	709	584	111	9	5	–	–	–	–	–	1 214	2 379
Health service workers	505	182	194	22	31	31	26	14	5	–	2 727	3 721
Personal service workers	1 094	322	234	107	73	97	78	74	79	30	3 923	5 813
Protective service workers	2 631	163	214	198	222	444	396	522	393	79	7 188	7 507
Firemen, fire protection	769	5	4	4	56	157	144	235	154	10	8 123	8 136
Guards and watchmen	735	98	131	124	69	58	51	62	119	23	5 210	6 287
Policemen and detectives	1 026	29	74	65	87	224	183	208	115	41	7 186	7 362
Private household workers	**93**	**31**	**39**	–	**7**	–	**11**	–	–	**5**	...	...

[1]Includes allocated cases not shown separately.

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
OKLAHOMA CITY SMSA—Continued												
Negro												
Experienced civilian labor force	**9 433**	**1 539**	**2 076**	**1 315**	**1 236**	**1 279**	**812**	**743**	**337**	**96**	**4 838**	**5 630**
Professional, technical, and kindred workers	**811**	**72**	**90**	**61**	**50**	**124**	**103**	**148**	**125**	**38**	**7 083**	**7 833**
Accountants	22	–	–	–	–	6	–	6	10	–	...	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	23	–	–	–	–	4	–	6	13	–	...	...
Engineers	59	–	11	3	4	–	10	17	9	5	...	...
Aeronautical and astronautical	5	–	–	–	–	–	5	–	–	–	...	...
Civil	27	–	11	3	4	–	5	4	–	–	...	...
Electrical and electronic	16	–	–	–	–	–	–	7	9	–	...	...
Mechanical	–	–	–	–	–	–	–	–	–	–	–	–
Other engineers	11	–	–	–	–	–	–	6	–	5	...	...
Lawyers and judges	2	–	–	–	–	–	–	–	2	–	...	...
Life and physical scientists	9	–	–	–	–	–	9	–	–	–	...	...
Chemists	5	–	–	–	–	–	5	–	–	–	...	...
Physicians, dentists, and related practitioners	38	–	–	–	–	–	–	–	15	23	...	...
Dentists	5	–	–	–	–	–	–	–	–	5	...	...
Pharmacists	16	–	–	–	–	–	–	–	10	6	...	...
Physicians, medical and osteopathic	17	–	–	–	–	–	–	–	5	12	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	39	4	–	13	–	6	5	–	11	–	...	...
Religious workers	58	11	15	4	4	11	13	–	–	–	...	...
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	37	–	–	–	14	4	–	13	6	–	...	...
Teachers	178	20	12	8	20	37	32	26	23	–	6 784	...
College and university	16	–	4	–	–	–	6	–	6	–	...	...
Elementary and prekindergarten	39	10	–	4	5	9	5	–	6	–	...	...
Secondary	101	10	4	4	15	16	21	26	5	–	7 071	...
Engineering and science technicians	111	16	11	4	8	33	17	22	–	–	6 500	...
Draftsmen and surveyors	29	16	–	–	8	5	–	–	–	–	...	...
Electrical and electronic engineering technicians	48	–	11	–	–	16	11	10	–	–	...	...
Technicians, except health, and engineering and science	8	–	–	4	–	–	4	–	–	–	...	...
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	69	6	19	–	–	5	9	13	7	10	...	...
Other professional, technical, and kindred workers	158	15	22	25	–	18	4	45	29	–	6 944	8 556
Managers and administrators, except farm	**330**	**30**	**37**	**34**	**15**	**55**	**35**	**73**	**47**	**4**	**6 891**	**7 048**
Buyers, purchasing agents, and sales managers	6	–	–	–	–	6	–	–	–	–	...	...
School administrators	29	–	–	–	–	–	4	19	6	–	...	...
Specified managers and administrators, public administration	62	5	3	–	4	5	19	9	13	4	...	...
Other specified managers and administrators	78	–	16	13	–	28	–	17	4	–	...	...
Managers and administrators, n.e.c., salaried	70	6	–	8	5	9	6	18	18	–	...	...
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	33	6	–	4	–	9	–	14	–	–	...	...
Transportation, communications, and other public utilities	11	–	–	–	–	–	6	–	5	–	...	...
All other industries	26	–	–	4	5	–	–	4	13	–	...	...
Managers and administrators, n.e.c., self-employed	85	19	18	13	6	7	6	10	6	–	...	...
Construction	23	–	9	9	–	–	–	5	–	–	...	...
Manufacturing	7	7	–	–	–	–	–	–	–	–	...	...
Wholesale and retail trade	32	–	9	–	6	–	6	5	6	–	...	...
All other industries	23	12	–	4	–	7	–	–	–	–	...	...
Sales workers	**205**	**39**	**28**	**5**	**20**	**45**	**35**	**22**	**7**	**4**	**6 233**	**6 585**
Insurance agents, brokers, and underwriters	32	–	5	–	4	16	–	–	7	–	...	...
Real estate agents and brokers	9	–	–	–	–	–	–	5	–	4	...	...
Sales representatives, manufacturing industries	11	–	–	–	–	6	5	–	–	–	...	...
Sales representatives, wholesale trade	20	–	–	–	–	5	4	11	–	–	...	...
Sales clerks, retail trade	34	8	–	–	11	10	5	–	–	–	...	...
Salesmen, retail trade	40	13	–	–	–	4	17	6	–	–	...	...
Salesmen of services and construction	11	2	–	–	5	4	–	–	–	–	...	...
Other sales workers	48	16	23	5	–	–	4	–	–	–	...	...
Clerical and kindred workers	**838**	**115**	**105**	**86**	**89**	**184**	**105**	**119**	**31**	**4**	**6 130**	**6 500**
Bank tellers and cashiers	38	10	9	–	13	6	–	–	–	–	...	...
Bookkeepers and billing clerks	24	5	14	–	–	–	–	–	5	–	...	...
Mail handlers and postal clerks	192	33	15	26	10	19	38	42	5	4	6 632	7 409
Other clerical and kindred workers	584	67	67	60	66	159	67	77	21	–	6 201	6 481
Craftsmen and kindred workers	**1 427**	**111**	**249**	**170**	**242**	**251**	**209**	**141**	**32**	**22**	**5 758**	**6 160**
Apparel craftsmen and upholsterers	21	–	5	6	5	–	5	–	–	–	...	...
Bakers	21	–	5	6	–	–	10	–	–	–	...	...
Cabinetmakers	15	–	5	–	–	–	5	–	–	5	...	...
Construction craftsmen	349	22	69	51	56	66	48	24	4	9	5 580	5 653
Carpenters	77	3	15	6	10	21	13	–	–	9	...	...
Excavating, grading, and road machine operators	10	–	–	–	–	–	–	10	–	–	...	...
Electricians	23	–	4	5	–	6	–	8	–	–	...	...
Masons and tile setters	86	5	16	5	19	20	21	–	–	–	...	...
Painters, construction and maintenance, and paperhangers	41	3	5	17	10	–	6	–	–	–	...	...
Plasterers and cement finishers	69	11	19	–	17	14	4	–	4	–	...	...
Plumbers and pipe fitters	26	–	–	11	–	5	4	6	–	–	...	...
Other construction craftsmen	17	–	10	7	–	–	–	–	–	–	...	...
Foremen, n.e.c.	67	5	–	4	10	5	15	18	5	5	...	...
Manufacturing	22	–	–	–	–	–	5	7	5	5	...	...
Nonmanufacturing industries	45	5	–	4	10	5	10	11	–	–	...	...
Linemen and servicemen, telephone and power	5	–	–	–	–	–	–	5	–	–	...	...
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	595	23	82	64	119	132	94	58	23	–	6 072	6 384
Air conditioning, heating, and refrigeration	23	–	–	11	7	5	–	–	–	–	...	...
Aircraft	179	–	10	–	14	75	54	19	7	–	6 873	6 957
Automobile, including body	189	16	35	34	52	20	9	17	6	–	5 183	5 686
Radio and television	46	7	–	–	5	–	25	5	4	–	...	...
Other mechanics and repairmen	158	–	37	19	41	32	6	17	6	–	5 561	5 537
Metal craftsmen, except mechanics	86	–	6	4	5	20	18	33	–	–	...	...
Machinists and job and die setters	60	–	6	–	5	11	9	29	–	–	...	...
Sheetmetal workers and tinsmiths	26	–	–	4	–	9	9	4	–	–	...	...
Tool and die makers	–	–	–	–	–	–	–	–	–	–	–	–
Other metal craftsmen	–	–	–	–	–	–	–	–	–	–	–	–
Printing craftsmen	11	–	–	–	–	11	–	–	–	–	...	...
Compositors and typesetters	11	–	–	–	–	11	–	–	–	–	...	...
Pressmen and plate printers, printing	–	–	–	–	–	–	–	–	–	–	–	–
Stationary engineers and power station operators	15	–	–	5	4	6	–	–	–	–	...	...
Other craftsmen and kindred workers	242	61	77	30	43	11	14	3	–	3	3 558	4 533

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
OKLAHOMA CITY SMSA—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**1 641**	**206**	**392**	**270**	**282**	**204**	**129**	**116**	**32**	**10**	**4 824**	**5 440**
Assemblers	88	9	17	7	43	–	12	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	46	–	6	–	9	10	6	11	4	–	...	...
Garage workers and gas station attendants	168	19	52	43	10	6	19	9	–	10	4 302	4 516
Laundry and drycleaning operatives, n.e.c	39	6	10	8	15	–	–	–	–	–	...	...
Meat cutters and butchers	137	19	24	11	21	22	4	25	11	–	5 690	...
Mine operatives, n.e.c	5	–	–	–	–	5	–	–	–	–	...	–
Packers and wrappers, except produce	96	17	17	16	5	29	12	–	–	–	...	...
Painters, manufactured articles	44	–	4	16	5	10	–	9	–	–	...	...
Precision machine operatives	11	5	–	–	–	–	6	–	–	–	...	...
Sawyers	–	–	–	–	–	–	–	–	–	–	–	–
Stationary firemen	4	–	–	–	4	–	–	–	–	–	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–
Welders and flamecutters	142	12	11	31	47	14	18	9	–	–	5 362	...
Other metalworking operatives	72	4	12	16	5	24	–	11	–	–	...	...
Other specified operatives	352	66	151	52	61	8	9	–	5	–	3 457	4 412
Miscellaneous and not specified operatives	437	49	88	70	57	76	43	42	12	–	5 202	5 991
Occupation:												
Machine operatives, miscellaneous specified	165	11	34	34	12	35	17	13	9	–	5 292	6 161
Machine operatives, not specified	40	–	5	–	15	8	5	7	–	–	...	...
Miscellaneous operatives	184	31	39	23	26	24	21	17	3	–	4 957	6 024
Not specified operatives	48	7	10	13	4	9	–	5	–	–	...	...
Industry:												
Manufacturing	261	30	64	42	28	29	32	24	12	–	4 869	6 160
Durable goods	204	24	48	32	18	29	27	19	7	–	4 938	6 580
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Primary metal industries	4	4	–	–	–	–	–	–	–	–	...	–
Fabricated metal industries	25	–	5	20	–	–	–	–	–	–	...	...
Machinery, including electrical	135	16	21	8	13	24	27	19	7	–	6 396	...
Motor vehicles and equipment	8	4	–	4	–	–	–	–	–	–	...	...
Transportation equipment, except motor vehicles	12	–	7	–	–	5	–	–	–	–	...	...
Other durable goods	20	–	15	–	5	–	–	–	–	–	...	...
Nondurable goods	57	6	16	10	10	–	5	5	5	–	...	...
Food and kindred products	30	–	6	4	5	–	5	5	5	–	...	...
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	6	–	–	6	–	–	–	–	–	–	...	...
Chemicals and allied products	–	–	–	–	–	–	–	–	–	–	–	–
Other nondurable goods	21	6	10	–	5	–	–	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	176	19	24	28	29	47	11	18	–	–	5 586	5 845
Transportation, communications, and other public utilities	18	–	7	4	7	–	–	–	–	–	...	...
Wholesale and retail trade	42	–	11	14	7	4	6	–	–	–	...	...
All other industries	116	19	6	10	15	43	5	18	–	–	6 186	...
Transport equipment operatives	**679**	**100**	**174**	**166**	**73**	**90**	**48**	**22**	**6**	–	**4 395**	**4 700**
Bus drivers	17	3	11	3	–	–	–	–	–	–	...	...
Taxicab drivers and chauffeurs	46	5	29	12	–	–	–	–	–	–	...	...
Truck drivers and deliverymen	449	69	95	127	41	63	43	11	–	–	4 476	4 732
Other transport equipment operatives	167	23	39	24	32	27	5	11	6	–	4 896	5 120
Laborers, except farm	**1 616**	**362**	**434**	**220**	**271**	**194**	**70**	**49**	**16**	–	**4 055**	**4 928**
Construction laborers	370	89	95	78	59	35	10	–	4	–	4 013	4 326
Freight, stock, and material handlers	494	49	123	66	98	85	32	36	5	–	5 092	5 606
Other specified laborers	555	198	168	53	68	48	5	8	7	–	2 946	4 174
Miscellaneous and not specified laborers	197	26	48	23	46	26	23	5	–	–	5 033	5 310
Occupation:												
Miscellaneous laborers	68	14	9	18	17	6	4	–	–	–	...	...
Not specified laborers	129	12	39	5	29	20	19	5	–	–	5 293	...
Industry:												
Manufacturing	81	10	27	–	24	15	–	5	–	–	...	...
Durable goods	45	–	11	–	19	15	–	–	–	–	...	...
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Metal industries	23	–	6	–	6	11	–	–	–	–	...	...
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment	15	–	5	–	6	4	–	–	–	–	...	...
Other durable goods	7	–	–	–	7	–	–	–	–	–	...	...
Nondurable goods	36	10	16	–	5	–	–	5	–	–	...	...
Food and kindred products	25	10	10	–	–	–	–	5	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	116	16	21	23	22	11	23	–	–	–	4 913	...
Railroads and railway express service	14	–	5	–	5	–	4	–	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	15	4	–	7	4	–	–	–	–	–	...	...
Wholesale and retail trade	23	–	5	–	13	5	–	–	–	–	...	...
All other industries	64	12	11	16	–	6	19	–	–	–	...	...
Farmers and farm managers	**16**	**6**	**4**	–	–	–	–	**6**	–	–	...	...
Farm laborers and farm foremen	**90**	**23**	**17**	**12**	**28**	**4**	–	–	**6**	–	...	...
Paid farm laborers and farm foremen	90	23	17	12	28	4	–	–	6	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 730**	**459**	**512**	**291**	**166**	**128**	**78**	**47**	**35**	**14**	**3 586**	**4 500**
Cleaning service workers	992	219	308	210	115	56	28	37	10	9	3 799	4 445
Food service workers	395	161	107	14	29	43	31	5	5	–	2 682	5 139
Cooks, except private household	158	29	53	6	18	16	26	5	5	–	3 887	5 385
Busboys and dishwashers	107	93	14	–	–	–	–	–	–	–	1 151	...
Health service workers	49	11	17	11	5	–	5	–	–	–	...	...
Personal service workers	87	36	36	4	–	5	6	–	–	–	...	...
Protective service workers	60	6	–	19	–	7	8	–	15	5	...	...
Firemen, fire protection	8	–	–	–	–	2	–	–	6	–	...	...
Guards and watchmen	44	6	–	19	–	–	5	–	9	5	...	...
Policemen and detectives	8	–	–	–	–	5	3	–	–	–	...	...
Private household workers	**50**	**16**	**34**	–	–	–	–	–	–	–	...	...

[1]Includes allocated cases not shown separately.

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
TULSA SMSA												
Total												
Experienced civilian labor force	**121 044**	**12 758**	**11 143**	**8 075**	**9 797**	**11 670**	**12 550**	**22 185**	**21 729**	**11 137**	**7 564**	**8 405**
Professional, technical, and kindred workers	**19 600**	**936**	**794**	**543**	**874**	**1 215**	**1 470**	**3 403**	**6 260**	**4 105**	**10 451**	**11 250**
Accountants	2 690	109	87	56	143	115	205	557	981	437	10 372	11 012
Architects	185	–	3	6	–	15	9	38	54	60	11 991	12 269
Computer specialists	848	21	14	16	42	25	51	243	353	83	10 170	10 780
Engineers	4 096	70	59	42	80	64	141	445	2 021	1 174	12 838	12 987
Aeronautical and astronautical	308	–	–	–	–	–	4	16	205	83	13 268	13 268
Civil	607	–	4	5	16	6	26	66	293	191	13 080	13 277
Electrical and electronic	562	11	–	5	5	20	42	82	307	90	11 889	11 942
Mechanical	529	5	14	–	18	–	22	45	293	132	12 739	12 875
Other engineers	2 090	54	41	32	41	38	47	236	923	678	13 012	13 196
Lawyers and judges	953	42	31	5	30	20	14	67	204	540	15000+	15000+
Life and physical scientists	695	26	17	9	20	18	27	54	265	259	13 330	13 393
Chemists	226	5	5	–	10	14	14	35	132	11	11 136	11 395
Physicians, dentists, and related practitioners	1 314	43	50	19	30	48	36	93	267	728	15000+	15000+
Dentists	219	5	6	5	–	–	5	10	38	150	15000+	15000+
Pharmacists	283	14	10	4	4	10	11	35	145	50	11 845	11 981
Physicians, medical and osteopathic	651	15	29	10	21	33	10	30	51	452	15000+	15000+
Other related practitioners	161	9	5	–	5	5	10	18	33	76	14 318	14 318
Health technologists and technicians	206	20	40	10	11	47	21	36	16	5	6 468	7 238
Religious workers	737	67	82	83	67	115	109	94	87	33	6 604	6 786
Social scientists	242	–	–	–	5	13	5	43	76	100	13 618	13 913
Social and recreation workers	199	21	28	14	11	15	20	27	52	11	7 525	8 480
Teachers	1 845	151	76	61	114	293	272	443	304	131	7 836	8 568
College and university	284	12	19	5	–	10	13	34	96	95	12 552	15000+
Elementary and prekindergarten	348	56	8	10	28	51	79	86	25	5	7 266	7 508
Secondary	970	18	34	40	62	193	166	279	158	20	7 831	8 507
Engineering and science technicians	2 346	117	117	89	153	256	324	637	586	67	8 367	8 732
Draftsmen and surveyors	1 371	38	62	58	101	194	213	349	329	27	8 112	8 450
Electrical and electronic engineering technicians	364	6	24	22	15	26	49	101	111	10	8 792	9 146
Technicians, except health, and engineering and science	438	10	31	21	21	15	35	122	128	55	9 410	9 670
Airplane pilots	146	5	4	4	12	–	11	30	35	45	11 000	12 643
Writers, artists, and entertainers	1 141	186	95	61	52	56	79	196	279	137	8 423	9 646
Other professional, technical, and kindred workers	1 665	53	64	51	95	100	122	308	587	285	10 336	11 186
Managers and administrators, except farm	**15 437**	**714**	**677**	**517**	**702**	**1 161**	**1 182**	**2 356**	**4 245**	**3 883**	**10 482**	**11 024**
Buyers, purchasing agents, and sales managers	2 372	49	53	66	86	214	266	342	767	529	10 717	11 045
School administrators	293	10	5	–	12	15	16	54	164	17	11 052	11 382
Specified managers and administrators, public administration	517	13	24	33	20	38	40	93	182	74	9 946	10 742
Other specified managers and administrators	2 283	105	103	71	105	228	174	448	611	438	9 587	10 133
Managers and administrators, n.e.c., salaried	7 426	202	270	168	287	449	455	1 189	2 100	2 306	11 650	12 064
Manufacturing	1 782	61	10	15	35	46	75	246	532	762	13 788	13 977
Wholesale and retail trade	2 526	81	118	97	192	238	229	465	552	554	9 325	9 570
Transportation, communications, and other public utilities	611	5	15	14	11	13	23	99	218	213	12 878	13 061
All other industries	2 507	55	127	42	49	152	128	379	798	777	12 014	12 570
Managers and administrators, n.e.c., self-employed	2 546	335	222	179	192	217	231	230	421	519	7 554	7 865
Construction	468	51	20	20	29	35	56	54	79	124	8 852	10 500
Manufacturing	190	26	12	16	–	19	21	5	31	60	8 400	7 857
Wholesale and retail trade	1 254	158	153	108	123	143	124	100	186	159	6 594	6 752
All other industries	634	100	37	35	40	20	30	71	125	176	9 549	10 440
Sales workers	**9 650**	**1 041**	**828**	**551**	**679**	**900**	**855**	**1 433**	**2 038**	**1 325**	**7 966**	**8 902**
Insurance agents, brokers, and underwriters	1 218	63	46	69	87	146	81	172	309	245	9 360	10 196
Real estate agents and brokers	492	54	63	31	34	25	34	60	102	89	8 167	9 074
Sales representatives, manufacturing industries	1 096	38	39	43	49	64	107	167	370	219	10 554	11 007
Sales representatives, wholesale trade	2 370	120	125	81	113	235	256	473	594	373	9 078	9 391
Sales clerks, retail trade	1 671	368	280	173	160	149	105	158	176	102	5 091	6 466
Salesmen, retail trade	1 235	90	114	93	162	144	114	224	206	88	7 127	7 970
Salesmen of services and construction	555	57	28	18	25	43	88	79	141	76	8 468	9 178
Other sales workers	1 013	251	133	43	49	94	70	100	140	133	6 324	7 929
Clerical and kindred workers	**9 662**	**978**	**990**	**655**	**800**	**1 044**	**1 384**	**2 284**	**1 228**	**299**	**7 263**	**7 822**
Bank tellers and cashiers	475	135	120	68	46	50	21	25	–	10	3 708	4 789
Bookkeepers and billing clerks	690	55	51	40	79	71	95	160	109	30	7 516	7 904
Mail handlers and postal clerks	1 389	123	79	17	58	159	265	588	94	6	7 975	8 238
Other clerical and kindred workers	7 108	665	740	530	617	764	1 003	1 511	1 025	253	7 237	7 831
Craftsmen and kindred workers	**27 521**	**1 561**	**2 034**	**1 599**	**2 279**	**2 704**	**3 276**	**7 568**	**5 732**	**768**	**8 081**	**8 564**
Apparel craftsmen and upholsterers	196	56	13	12	16	39	29	15	16	–	6 026	6 561
Bakers	144	29	16	20	29	18	8	10	10	4	5 241	5 583
Cabinetmakers	143	10	26	15	18	22	25	20	4	3	6 114	...
Construction craftsmen	6 457	521	618	547	665	632	721	1 458	1 132	163	7 340	8 262
Carpenters	1 737	219	216	178	164	173	219	332	219	17	6 529	7 599
Excavating, grading, and road machine operators	725	30	56	117	114	55	70	180	75	28	6 827	6 872
Electricians	1 067	20	39	42	61	108	85	307	378	27	9 163	9 570
Masons and tile setters	466	36	54	32	19	10	69	139	97	10	8 187	9 012
Painters, construction and maintenance, and paperhangers	932	117	121	85	132	113	101	172	60	31	6 097	7 385
Plasterers and cement finishers	254	24	41	23	54	16	8	49	20	19	5 722	...
Plumbers and pipe fitters	732	49	31	31	48	72	81	174	220	26	8 621	8 846
Other construction craftsmen	544	26	60	39	73	85	88	105	63	5	6 871	7 825
Foremen, n.e.c.	3 534	49	72	72	135	245	381	1 007	1 260	313	9 615	9 753
Manufacturing	1 572	27	10	27	50	89	154	502	587	126	9 709	9 820
Nonmanufacturing industries	1 962	22	62	45	85	156	227	505	673	187	9 521	9 684
Linemen and servicemen, telephone and power	929	15	47	28	68	78	70	356	261	6	8 890	9 012
Locomotive engineers and firemen	105	–	–	5	–	8	4	6	82	–	11 799	...
Mechanics and repairmen	8 429	424	597	386	666	819	1 047	2 572	1 814	104	8 214	8 569
Air conditioning, heating, and refrigeration	217	8	21	25	8	15	10	73	57	–	8 589	8 759
Aircraft	3 199	15	72	43	48	115	344	1 371	1 171	20	9 404	9 493
Automobile, including body	2 235	214	310	164	330	311	299	421	166	20	6 320	6 994
Radio and television	388	33	20	27	30	49	59	82	81	7	7 593	7 712
Other mechanics and repairmen	2 390	154	174	127	250	329	335	625	339	57	7 481	7 918
Metal craftsmen, except mechanics	3 008	113	136	151	238	304	437	1 009	569	51	8 248	8 532
Machinists and job and die setters	1 559	51	77	84	119	158	258	540	243	29	8 120	8 380
Sheetmetal workers and tinsmiths	527	23	15	26	52	53	65	208	81	4	8 284	8 522
Tool and die makers	396	–	9	7	30	44	27	172	94	13	8 942	9 227
Other metal craftsmen	526	39	35	34	37	49	87	89	151	5	7 793	8 032
Printing craftsmen	659	22	49	29	54	75	64	260	91	15	8 281	8 517
Compositors and typesetters	259	9	40	3	17	9	35	116	15	15	8 284	8 533
Pressmen and plate printers, printing	270	8	9	21	33	56	14	92	37	–	7 571	8 133
Stationary engineers and power station operators	989	48	34	101	106	156	171	256	88	29	7 289	7 426
Other craftsmen and kindred workers	2 928	274	426	233	284	308	319	599	405	80	6 802	7 646

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
TULSA SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**16 011**	**1 745**	**1 976**	**1 296**	**1 773**	**2 443**	**2 448**	**3 026**	**1 067**	**237**	**6 498**	**7 176**
Assemblers	1 277	82	160	94	190	175	246	259	57	14	6 643	7 200
Checkers, examiners, and inspectors, manufacturing	689	14	45	10	38	88	142	215	117	20	8 070	8 348
Garage workers and gas station attendants	1 105	439	208	112	177	93	29	30	–	17	3 091	5 021
Laundry and drycleaning operatives, n.e.c	192	42	49	40	5	23	7	17	5	4	4 125	4 650
Meat cutters and butchers	469	23	32	83	32	65	141	74	19	–	6 992	7 318
Mine operatives, n.e.c	784	43	77	33	106	130	172	153	54	16	7 017	7 389
Packers and wrappers, except produce	180	66	25	6	21	22	19	11	4	6	3 920	6 318
Painters, manufactured articles	263	10	47	5	52	45	39	50	5	10	6 389	7 115
Precision machine operatives	1 367	86	111	80	189	201	247	296	129	28	7 067	7 583
Sawyers	100	–	10	3	20	33	4	25	5	–	...	...
Stationary firemen	100	–	4	17	9	14	29	11	16	–	...	...
Textile operatives	51	9	4	16	4	15	–	3	–	–	...	...
Welders and flamecutters	2 702	144	246	154	227	488	440	703	249	51	7 209	7 648
Other metalworking operatives	628	87	67	88	74	72	93	91	50	6	5 973	7 091
Other specified operatives	1 970	217	360	204	185	323	253	301	92	35	6 059	6 728
Miscellaneous and not specified operatives	4 134	483	531	351	444	656	587	787	265	30	6 393	7 072
Occupation:												
Machine operatives, miscellaneous specified	1 504	144	177	120	160	283	232	283	92	13	6 534	7 093
Machine operatives, not specified	706	34	64	40	65	137	127	140	99	–	7 102	7 759
Miscellaneous operatives	1 346	247	228	143	173	143	146	230	31	5	5 318	6 398
Not specified operatives	578	58	62	48	46	93	82	134	43	12	6 806	7 304
Industry:												
Manufacturing	3 401	350	416	275	348	590	471	698	223	30	6 528	7 109
Durable goods	2 662	259	341	219	271	491	379	509	166	27	6 491	7 047
Wood products, including furniture	23	5	–	–	12	6	–	–	–	–	...	...
Primary metal industries	324	25	34	41	21	32	74	57	40	–	7 122	7 703
Fabricated metal industries	739	90	150	68	129	149	43	84	16	10	5 477	6 094
Machinery, including electrical	596	68	60	67	47	138	81	85	42	8	6 406	6 866
Motor vehicles and equipment	53	–	10	11	5	6	3	9	5	4	...	...
Transportation equipment, except motor vehicles	541	30	11	5	42	36	139	219	54	5	8 068	8 511
Other durable goods	386	41	76	27	15	124	39	55	9	–	6 274	6 704
Nondurable goods	739	91	75	56	77	99	92	189	57	3	6 712	7 324
Food and kindred products	148	27	28	15	8	36	10	24	–	–	5 500	6 319
Apparel and other fabricated textile products	5	–	–	5	–	–	–	–	–	–	...	...
Paper and allied products	56	–	6	–	4	15	–	5	26	–	...	...
Chemicals and allied products	93	19	6	6	19	10	18	–	15	–	...	...
Other nondurable goods	437	45	35	30	46	38	64	160	16	3	7 383	7 967
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	733	133	115	76	96	66	116	89	42	–	5 443	6 853
Transportation, communications, and other public utilities	236	18	21	14	33	26	69	44	11	–	7 087	7 408
Wholesale and retail trade	244	35	56	31	37	20	20	22	23	–	5 000	5 969
All other industries	253	80	38	31	26	20	27	23	8	–	4 274	5 619
Transport equipment operatives	**6 673**	**686**	**876**	**804**	**820**	**928**	**797**	**1 015**	**555**	**192**	**6 162**	**6 766**
Bus drivers	214	43	17	22	24	12	5	29	52	10	6 083	8 714
Taxicab drivers and chauffeurs	316	60	102	59	40	21	19	9	6	–	3 922	4 469
Truck drivers and deliverymen	5 242	495	637	616	653	731	672	814	446	178	6 301	6 865
Other transport equipment operatives	901	88	120	107	103	164	101	163	51	4	6 198	6 672
Laborers, except farm	**6 486**	**2 097**	**1 163**	**698**	**832**	**600**	**514**	**423**	**99**	**60**	**3 971**	**5 597**
Construction laborers	1 365	335	231	162	206	144	149	100	21	17	4 719	5 734
Freight, stock, and material handlers	2 687	953	481	259	257	265	244	193	24	11	3 624	5 995
Other specified laborers	1 507	585	293	167	183	69	79	67	38	26	3 150	5 018
Miscellaneous and not specified laborers	927	224	158	110	186	122	42	63	16	6	4 741	5 686
Occupation:												
Miscellaneous laborers	212	22	35	15	59	22	17	25	11	6	5 576	5 972
Not specified laborers	715	202	123	95	127	100	25	38	5	–	4 342	5 521
Industry:												
Manufacturing	431	78	68	58	82	54	26	48	11	6	5 140	5 904
Durable goods	345	63	48	44	82	46	22	23	11	6	5 213	5 789
Wood products, including furniture	5	–	5	–	–	–	–	–	–	–	...	–
Metal industries	168	23	23	–	48	36	12	15	5	6	5 792	6 274
Machinery, including electrical	33	12	–	7	4	5	5	–	–	–	...	...
Transportation equipment	54	10	11	20	8	–	5	–	–	–	...	...
Other durable goods	85	18	9	17	22	5	–	8	6	–	...	...
Nondurable goods	82	11	20	14	–	8	4	25	–	–	...	...
Food and kindred products	26	11	–	4	–	4	–	7	–	–	...	...
Not specified manufacturing industries	4	4	–	–	–	–	–	–	–	–	...	...
Nonmanufacturing industries	496	146	90	52	104	68	16	15	5	–	4 231	5 549
Railroads and railway express service	57	–	4	–	31	12	–	5	5	–	...	...
Transportation, except railroads	9	9	–	–	–	–	–	–	–	–	...	–
Communications, and utilities and sanitary services	84	12	9	14	24	13	12	–	–	–	...	...
Wholesale and retail trade	172	40	28	33	39	22	–	10	–	–	4 545	...
All other industries	174	85	49	5	10	21	4	–	–	–	2 082	...
Farmers and farm managers	**965**	**275**	**164**	**113**	**80**	**51**	**17**	**59**	**102**	**104**	**4 385**	**4 513**
Farm laborers and farm foremen	**869**	**343**	**264**	**118**	**42**	**29**	**5**	**23**	**28**	**17**	**2 693**	**3 762**
Paid farm laborers and farm foremen	837	330	260	114	36	24	5	23	28	17	2 681	3 718
Unpaid family workers	32	13	4	4	6	5	–	–	–	–	...	...
Service workers, except private household[1]	**8 082**	**2 320**	**1 360**	**1 181**	**911**	**595**	**602**	**595**	**375**	**143**	**4 306**	**5 479**
Cleaning service workers	3 159	929	599	644	367	192	232	102	46	48	4 080	4 789
Food service workers	1 558	799	288	181	108	60	45	27	38	12	1 950	4 557
Cooks, except private household	641	264	107	115	65	20	30	13	22	5	3 056	4 671
Busboys and dishwashers	407	331	65	–	11	–	–	–	–	–	1 230	...
Health service workers	213	52	81	47	23	5	–	5	–	–	3 346	4 048
Personal service workers	813	193	143	119	99	78	48	68	43	22	4 592	5 433
Protective service workers	1 807	181	129	178	238	233	227	362	210	49	6 762	7 254
Firemen, fire protection	540	14	12	15	35	53	86	172	129	24	8 640	8 640
Guards and watchmen	512	93	84	114	95	62	14	32	18	–	4 693	5 259
Policemen and detectives	596	29	17	36	98	94	103	137	63	19	7 233	7 342
Private household workers	**88**	**62**	**17**	–	**5**	–	–	–	–	**4**	...	...

[1]Includes allocated cases not shown separately.

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
TULSA SMSA—Continued												
Negro												
Experienced civilian labor force	**6 412**	**1 175**	**1 310**	**806**	**966**	**635**	**621**	**604**	**238**	**57**	**4 895**	**5 612**
Professional, technical, and kindred workers	**376**	**51**	**43**	**40**	**45**	**33**	**27**	**81**	**43**	**13**	**6 273**	**7 306**
Accountants	10	–	–	6	–	–	–	–	4	–	...	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	19	–	–	–	6	5	–	8	–	–	...	...
Engineers	21	–	–	–	–	9	–	12	–	–	...	...
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	–	–	–	–	–	–	–	–	–	–	–	–
Electrical and electronic	–	–	–	–	–	–	–	–	–	–	–	–
Mechanical	7	–	–	–	–	–	–	7	–	–	...	...
Other engineers	14	–	–	–	–	9	–	5	–	–	...	...
Lawyers and judges	4	–	–	–	–	–	–	–	–	4	...	...
Life and physical scientists	4	–	–	–	–	–	4	–	–	–	...	...
Chemists	4	–	–	–	–	–	4	–	–	–	...	...
Physicians, dentists, and related practitioners	18	9	–	–	–	–	–	–	–	9	...	...
Dentists	–	–	–	–	–	–	–	–	–	–	–	–
Pharmacists	9	9	–	–	–	–	–	–	–	–	...	...
Physicians, medical and osteopathic	9	–	–	–	–	–	–	–	–	9	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	6	–	6	–	–	–	–	–	–	–	...	...
Religious workers	40	6	12	13	5	–	4	–	–	–	...	...
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	12	–	7	3	–	–	–	2	–	–	...	...
Teachers	97	14	4	–	18	10	8	23	20	–	...	...
College and university	–	–	–	–	–	–	–	–	–	–	–	–
Elementary and prekindergarten	28	4	–	–	8	6	–	10	–	–	...	...
Secondary	69	10	4	–	10	4	8	13	20	–	...	...
Engineering and science technicians	74	12	10	9	–	9	6	20	8	–	...	...
Draftsmen and surveyors	27	4	7	4	–	4	–	4	4	–	...	...
Electrical and electronic engineering technicians	21	–	–	5	–	–	–	12	4	–	...	...
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	21	10	–	3	8	–	–	–	–	–	...	...
Other professional, technical, and kindred workers	50	–	4	6	8	–	5	16	11	–	...	...
Managers and administrators, except farm	**225**	**18**	**36**	**38**	**23**	**5**	**14**	**55**	**30**	**6**	**5 891**	**6 400**
Buyers, purchasing agents, and sales managers	7	–	–	7	–	–	–	–	–	–	...	–
School administrators	15	4	–	–	–	–	6	–	5	–	...	–
Specified managers and administrators, public administration	23	–	4	–	10	–	–	4	5	–	...	...
Other specified managers and administrators	70	–	4	12	5	–	5	29	9	6	...	...
Managers and administrators, n.e.c., salaried	92	–	28	19	4	5	3	22	11	–	...	...
Manufacturing	12	–	–	–	–	5	–	–	7	–	...	...
Wholesale and retail trade	51	–	28	8	4	–	3	4	4	–	...	...
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–	–
All other industries	29	–	–	11	–	–	–	18	–	–	...	...
Managers and administrators, n.e.c., self-employed	18	14	–	–	4	–	–	–	–	–	...	...
Construction	5	5	–	–	–	–	–	–	–	–	...	...
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	13	9	–	–	4	–	–	–	–	–	...	...
All other industries	–	–	–	–	–	–	–	–	–	–	–	–
Sales workers	**102**	**27**	**14**	**19**	**13**	**16**	**8**	**–**	**–**	**5**	**4 526**	...
Insurance agents, brokers, and underwriters	19	–	–	4	–	10	–	–	–	5	...	...
Real estate agents and brokers	13	4	4	–	5	–	–	–	–	–	...	...
Sales representatives, manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Sales representatives, wholesale trade	12	–	–	4	4	–	4	–	–	–	...	...
Sales clerks, retail trade	26	6	10	6	–	–	4	–	–	–	...	...
Salesmen, retail trade	10	–	–	–	4	6	–	–	–	–	...	...
Salesmen of services and construction	8	8	–	–	–	–	–	–	–	–	...	...
Other sales workers	14	9	–	5	–	–	–	–	–	–	...	...
Clerical and kindred workers	**465**	**60**	**43**	**39**	**58**	**51**	**77**	**109**	**18**	**10**	**6 637**	**7 416**
Bank tellers and cashiers	9	–	–	5	4	–	–	–	–	–	...	...
Bookkeepers and billing clerks	11	–	–	–	–	–	–	11	–	–	...	...
Mail handlers and postal clerks	105	29	4	–	3	10	14	40	5	–	7 464	...
Other clerical and kindred workers	340	31	39	34	51	41	63	58	13	10	6 366	7 119
Craftsmen and kindred workers	**911**	**93**	**177**	**81**	**151**	**117**	**97**	**142**	**53**	**–**	**5 692**	**6 365**
Apparel craftsmen and upholsterers	9	3	–	–	–	–	3	3	–	–	...	...
Bakers	10	6	–	–	–	–	4	–	–	–	...	...
Cabinetmakers	4	–	–	–	4	–	–	–	–	–	...	...
Construction craftsmen	150	27	41	15	37	12	3	15	–	–	4 467	...
Carpenters	25	3	16	–	6	–	–	–	–	–	...	...
Excavating, grading, and road machine operators	32	4	9	–	9	7	–	3	–	–	...	...
Electricians	13	–	–	4	9	–	–	–	–	–	...	...
Masons and tile setters	20	4	5	11	–	–	–	–	–	–	...	...
Painters, construction and maintenance, and paperhangers	26	11	–	–	4	–	3	8	–	–	...	...
Plasterers and cement finishers	20	5	6	–	9	–	–	–	–	–	...	...
Plumbers and pipe fitters	9	–	–	–	–	5	–	4	–	–	...	...
Other construction craftsmen	5	–	5	–	–	–	–	–	–	–	...	...
Foremen, n.e.c	43	–	5	12	–	4	13	–	9	–	...	...
Manufacturing	24	–	5	6	–	–	8	–	5	–	...	...
Nonmanufacturing industries	19	–	–	6	–	4	5	–	4	–	...	...
Linemen and servicemen, telephone and power	44	5	–	9	–	9	7	14	–	–	...	...
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	359	31	59	16	65	53	39	56	40	–	6 160	6 610
Air conditioning, heating, and refrigeration	–	–	–	–	–	–	–	–	–	–	–	–
Aircraft	120	–	–	–	5	17	22	50	26	–	8 640	8 467
Automobile, including body	169	26	42	11	39	36	4	6	5	–	5 141	5 275
Radio and television	4	–	–	–	–	–	4	–	–	–	...	...
Other mechanics and repairmen	66	5	17	5	21	–	9	–	9	–	...	...
Metal craftsmen, except mechanics	82	10	10	10	10	10	9	23	–	–	...	...
Machinists and job and die setters	56	3	10	8	10	10	5	10	–	–	...	...
Sheetmetal workers and tinsmiths	8	–	–	–	–	–	4	4	–	–	...	...
Tool and die makers	6	–	–	2	–	–	–	4	–	–	...	...
Other metal craftsmen	12	7	–	–	–	–	–	5	–	–	...	...
Printing craftsmen	4	–	4	–	–	–	–	–	–	–	...	...
Compositors and typesetters	4	–	4	–	–	–	–	–	–	–	...	...
Pressmen and plate printers, printing	–	–	–	–	–	–	–	–	–	–	–	–
Stationary engineers and power station operators	28	11	4	–	–	9	–	4	–	–	...	...
Other craftsmen and kindred workers	178	–	54	19	35	20	19	27	4	–	5 457	5 833

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
TULSA SMSA—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**1 140**	**110**	**293**	**137**	**165**	**137**	**153**	**116**	**25**	**4**	**5 182**	**5 979**
Assemblers	82	5	7	9	19	14	20	8	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	10	–	6	–	–	–	–	4	–	–	...	...
Garage workers and gas station attendants	74	7	15	3	25	6	14	4	–	–	...	...
Laundry and drycleaning operatives, n.e.c	66	5	21	30	–	5	–	–	5	–	...	...
Meat cutters and butchers	44	–	5	11	5	–	11	12	–	–	...	...
Mine operatives, n.e.c	27	–	11	4	–	3	9	–	–	–	...	...
Packers and wrappers, except produce	9	–	3	–	–	–	–	6	–	–	...	...
Painters, manufactured articles	35	2	20	–	–	4	–	4	5	–	...	...
Precision machine operatives	62	11	11	–	23	5	4	8	–	–	...	...
Sawyers	8	–	–	–	–	8	–	–	–	–	...	...
Stationary firemen	4	–	–	–	–	–	4	–	–	–	...	...
Textile operatives	3	3	–	–	–	–	–	–	–	–	...	...
Welders and flamecutters	114	7	43	8	12	16	8	20	–	–	4 875	...
Other metalworking operatives	28	4	–	–	10	–	9	5	–	–	...	...
Other specified operatives	209	25	47	28	28	28	30	23	–	–	5 161	6 283
Miscellaneous and not specified operatives	365	41	104	44	43	48	44	22	15	4	4 852	6 045
Occupation:												
Machine operatives, miscellaneous specified	160	11	64	14	9	34	19	5	–	4	4 357	...
Machine operatives, not specified	33	4	–	6	8	4	–	–	11	–	...	...
Miscellaneous operatives	114	15	28	12	21	5	25	4	4	–	5 095	...
Not specified operatives	58	11	12	12	5	5	–	13	–	–	...	...
Industry:												
Manufacturing	294	36	92	29	37	43	31	22	–	4	4 655	5 844
Durable goods	260	20	78	29	37	43	31	18	–	4	5 081	5 906
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Primary metal industries	67	10	16	14	9	5	13	–	–	–	...	...
Fabricated metal industries	28	–	13	–	3	8	4	–	–	–	...	...
Machinery, including electrical	43	5	9	9	6	5	–	5	–	4	...	...
Motor vehicles and equipment	9	–	–	6	–	–	3	–	–	–	...	...
Transportation equipment, except motor vehicles	60	5	7	–	14	10	11	13	–	–	...	...
Other durable goods	53	–	33	–	5	15	–	–	–	–	...	...
Nondurable goods	34	16	14	–	–	–	–	4	–	–	...	...
Food and kindred products	12	5	7	–	–	–	–	–	–	–	...	...
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	–	–	–	–	–	–	–	–	–	–	–	–
Chemicals and allied products	–	–	–	–	–	–	–	–	–	–	–	–
Other nondurable goods	22	11	7	–	–	–	–	4	–	–	...	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	71	5	12	15	6	5	13	–	15	–	...	...
Transportation, communications, and other public utilities	36	–	6	–	6	–	13	–	11	–	...	...
Wholesale and retail trade	21	–	6	15	–	–	–	–	–	–	...	...
All other industries	14	5	–	–	–	5	–	–	4	–	...	...
Transport equipment operatives	**511**	**36**	**131**	**109**	**101**	**55**	**47**	**15**	**13**	**4**	**4 812**	**5 225**
Bus drivers	20	6	9	–	5	–	–	–	–	–	...	...
Taxicab drivers and chauffeurs	54	4	15	25	6	–	4	–	–	–	...	...
Truck drivers and deliverymen	349	16	83	62	70	51	39	15	9	4	5 193	5 552
Other transport equipment operatives	88	10	24	22	20	4	4	–	4	–	...	...
Laborers, except farm	**994**	**300**	**205**	**98**	**180**	**102**	**50**	**39**	**10**	**10**	**3 922**	**5 155**
Construction laborers	214	44	45	32	65	19	4	5	–	–	4 563	...
Freight, stock, and material handlers	207	72	28	24	22	41	15	–	5	–	4 146	5 767
Other specified laborers	379	133	93	28	26	29	31	30	5	4	3 215	5 154
Miscellaneous and not specified laborers	194	51	39	14	67	13	–	4	–	6	4 500	5 181
Occupation:												
Miscellaneous laborers	38	–	13	3	5	7	–	4	–	6	...	...
Not specified laborers	156	51	26	11	62	6	–	–	–	–	4 091	...
Industry:												
Manufacturing	104	25	16	11	39	3	–	4	–	6	5 000	...
Durable goods	94	21	16	5	39	3	–	4	–	6	...	...
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Metal industries	50	5	11	–	21	3	–	4	–	6	...	...
Machinery, including electrical	8	8	–	–	–	–	–	–	–	–	...	...
Transportation equipment	17	4	–	5	8	–	–	–	–	–	...	...
Other durable goods	19	4	5	–	10	–	–	–	–	–	...	...
Nondurable goods	6	–	–	6	–	–	–	–	–	–	...	–
Food and kindred products	–	–	–	–	–	–	–	–	–	–	–	–
Not specified manufacturing industries	4	4	–	–	–	–	–	–	–	–	...	...
Nonmanufacturing industries	90	26	23	3	28	10	–	–	–	–	...	...
Railroads and railway express service	18	–	4	–	7	7	–	–	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	14	–	4	3	4	3	–	–	–	–	...	...
Wholesale and retail trade	28	6	5	–	17	–	–	–	–	–	...	...
All other industries	30	20	10	–	–	–	–	–	–	–	...	...
Farmers and farm managers	**14**	**14**	–	–	–	–	–	–	–	–	...	...
Farm laborers and farm foremen	**85**	**60**	**25**	–	–	–	–	–	–	–	...	...
Paid farm laborers and farm foremen	85	60	25	–	–	–	–	–	–	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 535**	**362**	**338**	**245**	**225**	**119**	**148**	**47**	**46**	**5**	**4 276**	**5 055**
Cleaning service workers	895	174	241	158	115	81	93	17	16	–	4 206	4 892
Food service workers	296	110	45	56	41	15	15	9	–	5	3 689	4 804
Cooks, except private household	130	37	6	31	21	10	15	5	–	5	4 710	5 214
Busboys and dishwashers	61	53	8	–	–	–	–	–	–	–	...	–
Health service workers	14	4	5	–	–	–	–	5	–	–	...	...
Personal service workers	74	41	–	15	11	7	–	–	–	–	...	...
Protective service workers	68	–	6	4	30	11	8	9	–	–	...	...
Firemen, fire protection	12	–	–	–	12	–	–	–	–	–	...	...
Guards and watchmen	35	–	6	–	18	7	–	4	–	–	...	...
Policemen and detectives	21	–	–	4	–	4	8	5	–	–	...	...
Private household workers	**54**	**44**	**5**	–	**5**	–	–	–	–	–	...	...

[1]Includes allocated cases not shown separately.

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE													
Total													
Experienced civilian labor force	**333 915**	**33 592**	**30 372**	**50 240**	**45 523**	**51 861**	**39 227**	**29 868**	**23 293**	**23 355**	**6 584**	**3 139**	**4 189**
Professional, technical, and kindred workers	**50 734**	**2 473**	**2 190**	**4 079**	**4 240**	**4 342**	**4 162**	**6 747**	**9 179**	**10 776**	**2 546**	**5 575**	**6 140**
Accountants	2 777	113	131	264	143	294	441	430	323	484	154	5 006	5 722
Computer specialists	364	16	15	5	29	12	43	40	29	109	66	6 759	7 500
Librarians	1 044	150	80	105	93	88	70	79	111	227	41	4 086	5 394
Mathematical specialists	92	–	5	11	5	5	10	15	10	26	5	...	...
Life and physical scientists	204	5	2	5	19	5	10	16	22	75	45	7 720	8 375
Registered nurses, dietitians, and therapists	9 046	288	319	770	975	1 341	973	882	1 146	1 908	444	4 853	5 958
Dietitians	433	38	15	41	102	80	46	15	5	55	36	3 256	4 012
Registered nurses	8 082	230	276	665	813	1 149	909	831	1 089	1 739	381	4 999	6 070
Health technologists and technicians	1 961	30	68	162	192	341	293	240	223	333	79	4 640	5 205
Social scientists	182	18	4	5	5	10	21	19	36	36	28	6 250	6 615
Social and recreation workers	1 939	83	117	112	119	142	157	203	531	348	127	6 069	6 429
Teachers: College and university	1 902	82	111	151	167	161	98	127	113	476	416	6 478	8 147
Elementary and prekindergarten	15 439	603	493	996	1 064	757	700	2 633	4 318	3 603	272	6 110	6 354
Secondary	6 197	209	76	358	522	316	343	1 112	1 562	1 590	109	6 104	6 608
Other teachers	1 434	238	189	287	144	129	73	120	65	141	48	2 021	4 222
Engineering and science technicians	835	70	36	52	70	76	136	118	101	121	55	4 835	5 619
Technicians, except health, and engineering and science	328	–	22	9	62	37	34	20	36	99	9	5 000	6 067
Writers, artists, and entertainers	2 194	270	216	300	238	204	245	251	139	236	95	3 358	4 997
Actors and dancers	60	–	10	22	6	–	22	–	–	–	–	...	...
Authors, editors, and reporters	676	81	63	78	64	55	76	82	40	121	16	3 945	5 111
Other professional, technical, and kindred workers	4 796	298	306	487	393	424	515	442	414	964	553	4 951	6 045
Managers and administrators, except farm	**14 969**	**775**	**696**	**1 160**	**1 443**	**1 980**	**1 950**	**1 656**	**1 448**	**2 339**	**1 522**	**4 734**	**5 284**
Buyers, purchasing agents, and sales managers	1 094	10	25	33	120	188	156	112	125	223	102	5 134	5 490
Restaurant, cafeteria, and bar managers	2 014	133	119	239	367	351	211	251	96	156	91	3 425	4 460
School administrators	529	10	4	79	12	25	36	26	51	146	140	7 442	6 987
Other specified managers and administrators	4 082	116	139	210	249	476	685	463	432	846	466	5 359	5 818
Managers and administrators, n.e.c., salaried	4 329	130	189	250	338	618	655	568	573	648	360	4 976	5 491
Wholesale and retail trade	1 604	45	57	110	139	274	235	228	182	226	108	4 753	5 150
Managers and administrators, n.e.c., self-employed	2 921	376	220	349	357	322	207	236	171	320	363	3 492	3 945
Wholesale and retail trade	1 833	271	138	213	213	225	115	132	122	203	201	3 362	3 852
Sales workers	**26 357**	**4 107**	**3 314**	**4 814**	**4 780**	**4 715**	**1 852**	**1 057**	**561**	**666**	**491**	**2 197**	**3 300**
Demonstrators, hucksters, and peddlers	2 369	647	565	561	248	155	63	34	37	28	31	976	1 760
Insurance, real estate agents, and brokers	2 051	190	118	183	210	290	305	202	141	191	221	4 113	4 884
Sales clerks, retail trade	17 323	2 536	2 078	3 365	3 598	3 626	1 020	503	240	268	89	2 190	3 185
Salesmen, retail trade	799	41	101	149	168	126	86	41	26	18	43	2 646	3 514
Other sales workers	3 815	693	452	556	556	518	378	277	117	161	107	2 371	3 791
Clerical and kindred workers	**113 981**	**7 502**	**8 341**	**13 341**	**12 552**	**20 204**	**20 890**	**14 458**	**8 676**	**6 831**	**1 186**	**3 755**	**4 630**
Bank tellers	2 289	29	42	130	125	544	874	395	84	56	10	4 314	4 499
Bookkeepers	16 760	631	855	1 877	1 948	3 651	3 477	2 114	1 088	869	250	3 841	4 406
Cashiers	8 888	1 112	1 084	1 746	1 628	1 754	812	479	118	102	53	2 308	3 435
Counter clerks, except food	1 570	134	175	265	245	307	184	131	50	69	10	2 861	3 762
Enumerators and interviewers	432	154	90	48	37	30	33	22	6	5	7	844	...
File clerks	2 156	236	271	300	184	397	318	227	120	92	11	3 219	4 585
Office machine operators	4 896	196	254	462	444	845	1 321	756	393	208	17	4 187	4 748
Bookkeeping and billing machine operators	796	15	34	54	70	272	243	76	27	–	5	3 827	4 235
Keypunch operators	2 794	134	140	292	222	369	763	500	233	132	9	4 315	4 868
Payroll and timekeeping clerks	847	6	25	57	78	104	173	140	126	129	9	4 887	5 335
Receptionists	3 549	332	396	603	443	714	645	268	107	41	–	3 001	4 009
Secretaries	29 676	1 562	1 809	3 094	3 046	4 735	5 855	4 333	2 761	2 210	271	4 101	4 852
Stenographers	1 962	33	56	109	94	254	433	365	378	208	32	5 005	5 522
Telephone operators	4 473	266	247	403	455	761	855	887	439	139	21	4 122	4 925
Typists	7 828	644	776	981	665	1 337	1 650	915	615	196	49	3 634	4 566
Other clerical and kindred workers	28 655	2 167	2 261	3 266	3 160	4 771	4 260	3 426	2 391	2 507	446	3 728	4 818
Craftsmen and kindred workers	**6 507**	**307**	**310**	**737**	**854**	**906**	**851**	**759**	**817**	**699**	**267**	**4 164**	**5 291**
Foremen, n.e.c	1 034	23	13	15	57	182	216	123	133	190	82	5 089	5 825
Operatives, except transport	**31 273**	**2 355**	**2 499**	**4 801**	**5 370**	**7 009**	**4 083**	**2 661**	**1 353**	**983**	**159**	**3 087**	**3 922**
Assemblers	3 464	213	164	418	411	682	674	550	222	127	3	3 771	4 693
Bottling and canning operatives	161	31	11	44	23	40	12	–	–	–	–	1 875	...
Checkers, examiners, and inspectors; manufacturing	2 037	104	59	281	268	320	346	317	208	129	5	3 958	4 976
Dressmakers and seamstresses, except factory	1 578	265	249	316	269	256	136	65	14	8	–	1 870	3 138
Laundry and drycleaning operatives, including ironers	3 533	356	299	717	976	742	245	136	32	19	11	2 404	3 071
Graders and sorters, manufacturing	229	13	26	39	35	50	26	20	15	5	–	3 030	4 135
Packers and wrappers, except produce	2 951	201	161	506	431	697	406	447	78	24	–	3 253	3 934
Sewers and stitchers	5 844	348	549	892	1 271	1 950	631	75	81	30	17	2 891	3 520
Textile operatives	428	20	68	77	79	111	43	5	20	5	–	2 620	3 732
Other specified operatives	5 330	430	394	759	798	1 074	809	426	275	285	80	3 264	4 184
Miscellaneous and not specified operatives	5 718	374	519	752	809	1 087	755	620	408	351	43	3 373	4 661
Manufacturing	4 777	246	405	589	674	935	684	547	343	321	33	3 507	4 676
Durable goods	2 856	101	226	324	331	438	375	478	291	272	20	4 021	5 361
Machinery, including electrical	1 942	76	115	184	234	297	230	342	209	235	20	4 283	5 604
Other durable goods	914	25	111	140	97	141	145	136	82	37	–	3 596	4 742
Nondurable goods, including not specified manufacturing	1 921	145	179	265	343	497	309	69	52	49	13	3 057	3 793
Food and kindred products	523	59	63	99	64	112	86	13	27	–	–	2 633	3 967
Apparel and other fabricated textile products	568	47	35	71	123	207	50	12	–	17	6	3 039	3 549
Nonmanufacturing industries	941	128	114	163	135	152	71	73	65	30	10	2 485	4 534
Transport equipment operatives	**1 108**	**124**	**153**	**142**	**171**	**159**	**91**	**66**	**49**	**117**	**36**	**2 789**	**4 444**
Laborers, except farm	**2 699**	**278**	**311**	**519**	**422**	**404**	**220**	**250**	**195**	**75**	**25**	**2 572**	**3 960**
Farmers and farm managers	**993**	**250**	**70**	**234**	**111**	**75**	**56**	**60**	**43**	**58**	**36**	**1 754**	**1 806**
Farm laborers and farm foremen	**877**	**205**	**159**	**144**	**135**	**114**	**44**	**42**	**4**	**20**	**10**	**1 517**	**3 129**
Paid farm laborers and farm foremen	795	169	149	135	135	98	44	42	4	9	10	1 589	3 239
Unpaid family workers	82	36	10	9	–	16	–	–	–	11	–	...	...
Service workers, except private household[1]	**71 866**	**10 928**	**9 630**	**16 843**	**14 078**	**11 421**	**4 922**	**2 058**	**945**	**759**	**282**	**1 913**	**2 985**
Cleaning service workers	6 946	931	961	1 650	1 552	1 083	580	123	39	20	7	1 958	2 597
Chambermaids and maids	2 027	314	332	535	509	191	114	24	8	–	–	1 687	2 348
Food service workers	29 512	5 719	4 858	8 451	5 345	3 416	1 001	348	164	130	80	1 494	2 610
Cooks, except private household	11 260	1 137	1 507	3 823	2 435	1 624	456	114	73	64	27	1 781	2 785
Waiters and food counter workers	13 349	3 476	2 517	3 260	2 133	1 188	432	167	83	54	39	1 209	2 394
Health service workers	17 533	1 406	1 502	2 983	4 120	4 285	1 953	771	324	163	26	2 698	3 358
Nursing aides, orderlies, and attendants	12 318	1 094	1 088	2 335	3 385	3 227	870	168	67	68	16	2 485	3 118
Practical nurses	2 842	139	178	389	316	486	631	456	194	53	–	3 821	4 478
Personal service workers	12 546	1 923	1 631	2 495	2 172	1 890	1 087	588	302	345	113	2 103	3 179
Hairdressers and cosmetologists	7 598	938	869	1 429	1 373	1 191	728	485	216	266	103	2 410	3 334
Private household workers	**12 551**	**4 288**	**2 699**	**3 426**	**1 367**	**532**	**106**	**54**	**23**	**32**	**24**	**868**	**1 384**
Private household workers, living in	479	39	95	234	69	28	–	5	–	–	9	1 451	1 524
Private household workers, living out	12 072	4 249	2 604	3 192	1 298	504	106	49	23	32	15	843	1 372

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

Table 176. **Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued													
Negro													
Experienced civilian labor force	**23 043**	**3 278**	**2 816**	**4 322**	**3 942**	**3 593**	**1 887**	**1 064**	**922**	**1 030**	**189**	**2 280**	**3 113**
Professional, technical, and kindred workers	**2 717**	**108**	**107**	**240**	**227**	**250**	**236**	**387**	**368**	**680**	**114**	**5 492**	**5 890**
Accountants	49	–	–	10	–	5	4	16	4	10	–	...	...
Computer specialists	4	–	–	–	–	–	–	–	–	4	–	...	...
Librarians	93	27	–	16	6	15	5	15	4	5	–	...	...
Mathematical specialists	9	–	–	–	–	–	–	–	4	5	–	...	...
Life and physical scientists	7	–	2	–	–	–	–	5	–	–	–	...	...
Registered nurses, dietitians, and therapists	403	19	9	39	36	69	65	42	51	64	9	4 454	5 000
Dietitians	75	14	–	17	20	14	5	–	–	5	–	...	...
Registered nurses	302	5	9	22	16	45	54	38	45	59	9	5 000	5 621
Health technologists and technicians	134	–	–	5	–	15	49	34	9	22	–	4 959	5 000
Social scientists	17	8	–	–	–	5	–	–	4	–	–	...	...
Social and recreation workers	222	6	22	23	17	17	13	16	26	67	15	5 813	6 133
Teachers: College and university	119	9	14	–	5	19	6	5	–	32	29	7 141	...
Elementary and prekindergarten	907	20	26	45	62	54	19	163	213	294	11	6 303	6 524
Secondary	323	9	–	31	26	6	40	61	30	116	4	5 811	7 523
Other teachers	14	–	–	10	–	–	4	–	–	–	–	...	...
Engineering and science technicians	58	10	9	10	21	–	–	4	4	–	–	...	...
Technicians, except health, and engineering and science	10	–	–	–	–	–	–	4	6	–	–	...	...
Writers, artists, and entertainers	40	–	9	8	7	–	5	–	–	5	6	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	12	–	9	–	–	–	–	–	–	3	–	...	...
Other professional, technical, and kindred workers	308	–	16	43	47	45	26	22	13	56	40	4 115	5 441
Managers and administrators, except farm	**340**	**22**	**31**	**33**	**31**	**45**	**42**	**28**	**36**	**62**	**10**	**4 190**	**4 429**
Buyers, purchasing agents, and sales managers	18	–	–	–	–	5	4	–	4	5	–	...	...
Restaurant, cafeteria, and bar managers	81	6	–	3	26	17	15	5	–	5	4	...	...
School administrators	27	–	–	15	–	–	–	–	–	12	–	...	...
Other specified managers and administrators	126	6	21	11	–	12	18	23	16	19	–	4 722	4 694
Managers and administrators, n.e.c., salaried	66	–	10	–	5	8	5	–	16	16	6	...	...
Wholesale and retail trade	23	–	–	–	5	8	–	–	10	–	–	...	...
Managers and administrators, n.e.c., self-employed	22	10	–	4	–	3	–	–	–	5	–	...	...
Wholesale and retail trade	22	10	–	4	–	3	–	–	–	5	–	...	...
Sales workers	**425**	**67**	**76**	**76**	**84**	**82**	**25**	–	–	**10**	**5**	**1 914**	**3 258**
Demonstrators, hucksters, and peddlers	25	–	13	6	6	–	–	–	–	–	–	...	...
Insurance, real estate agents, and brokers	20	–	–	4	5	–	6	–	–	–	5	...	...
Sales clerks, retail trade	252	37	43	37	56	63	12	–	–	4	–	2 161	...
Salesmen, retail trade	5	–	5	–	–	–	–	–	–	–	–	...	...
Other sales workers	123	30	15	29	17	19	7	–	–	6	–	1 569	...
Clerical and kindred workers	**3 493**	**381**	**419**	**437**	**445**	**677**	**556**	**187**	**266**	**113**	**12**	**3 095**	**4 145**
Bank tellers	39	–	6	–	–	14	19	–	–	–	–	...	...
Bookkeepers	127	10	23	14	32	18	13	–	6	11	–	2 516	...
Cashiers	215	23	17	34	50	58	18	15	–	–	–	2 670	3 466
Counter clerks, except food	93	7	15	39	13	8	–	7	4	–	–	...	...
Enumerators and interviewers	15	–	–	–	–	4	5	–	6	–	–	...	...
File clerks	114	21	24	16	4	22	17	–	10	–	–	1 750	...
Office machine operators	165	21	11	10	9	31	49	10	13	11	–	4 010	...
Bookkeeping and billing machine operators	13	–	–	–	–	4	9	–	–	–	–	...	...
Keypunch operators	112	10	11	10	9	14	40	4	9	5	–	4 050	...
Payroll and timekeeping clerks	13	–	–	5	–	5	3	–	–	–	–	...	...
Receptionists	117	24	28	17	23	4	5	16	–	–	–	1 382	...
Secretaries	449	50	52	77	54	92	54	43	15	12	–	2 843	3 743
Stenographers	36	–	–	5	–	5	11	4	11	–	–	...	...
Telephone operators	230	19	34	24	9	67	65	5	7	–	–	3 433	4 107
Typists	456	71	76	53	34	60	115	23	24	–	–	2 824	4 366
Other clerical and kindred workers	1 424	135	133	143	217	289	182	64	170	79	12	3 291	4 315
Craftsmen and kindred workers	**341**	**24**	**24**	**10**	**58**	**67**	**53**	**63**	**20**	**22**	–	**3 813**	**4 344**
Foremen, n.e.c	27	–	5	–	8	5	–	–	–	9	–	...	...
Operatives, except transport	**2 408**	**217**	**179**	**298**	**500**	**605**	**315**	**107**	**120**	**51**	**16**	**3 017**	**3 539**
Assemblers	309	45	–	32	44	66	66	36	20	–	–	3 508	4 054
Bottling and canning operatives	5	5	–	–	–	–	–	–	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	85	11	–	2	16	23	26	7	–	–	–	...	...
Dressmakers and seamstresses, except factory	48	–	11	4	14	9	6	4	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	504	39	53	108	141	123	23	17	–	–	–	2 369	2 929
Graders and sorters, manufacturing	19	2	2	–	5	5	–	5	–	–	–	...	...
Packers and wrappers, except produce	126	25	3	–	36	32	12	8	4	6	–	2 972	...
Sewers and stitchers	246	13	26	25	41	98	37	–	–	6	–	3 184	3 460
Textile operatives	30	–	4	10	9	7	–	–	–	–	–	...	...
Other specified operatives	540	55	41	81	96	98	75	20	48	15	11	2 969	3 817
Miscellaneous and not specified operatives	496	22	39	36	98	144	70	10	48	24	5	3 368	4 083
Manufacturing	385	18	29	26	73	124	62	4	26	18	5	3 375	3 989
Durable goods	285	9	24	18	43	93	45	4	26	18	5	3 522	4 500
Machinery, including electrical	266	9	24	18	36	93	33	4	26	18	5	3 495	...
Other durable goods	19	–	–	–	7	–	12	–	–	–	–	...	...
Nondurable goods, including not specified manufacturing	100	9	5	8	30	31	17	–	–	–	–	...	...
Food and kindred products	35	–	–	4	4	15	12	–	–	–	–	...	...
Apparel and other fabricated textile products	48	9	5	4	21	9	–	–	–	–	–	...	...
Nonmanufacturing industries	111	4	10	10	25	20	8	6	22	6	–	3 325	...
Transport equipment operatives	**58**	**11**	–	**7**	**16**	**4**	**10**	**4**	–	**6**	–	...	...
Laborers, except farm	**318**	**38**	**33**	**77**	**13**	**56**	**16**	**37**	**38**	**5**	**5**	**2 846**	**3 796**
Farmers and farm managers	**6**	–	–	**6**	–	–	–	–	–	–	–	...	...
Farm laborers and farm foremen	**39**	**13**	**6**	–	**5**	**6**	**9**	–	–	–	–	...	...
Paid farm laborers and farm foremen	39	13	6	–	5	6	9	–	–	–	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**7 631**	**1 035**	**909**	**1 595**	**1 655**	**1 482**	**567**	**232**	**70**	**70**	**16**	**2 167**	**2 914**
Cleaning service workers	1 686	203	231	379	450	283	118	16	6	–	–	2 067	2 535
Chambermaids and maids	632	85	89	165	214	55	18	6	–	–	–	1 861	2 248
Food service workers	2 129	335	376	421	394	355	173	49	15	11	–	1 840	3 025
Cooks, except private household	1 062	121	148	189	228	243	94	23	5	11	–	2 320	3 062
Waiters and food counter workers	552	126	109	117	71	70	47	5	7	–	–	1 350	3 163
Health service workers	2 234	159	114	391	497	624	206	142	49	40	12	2 911	3 387
Nursing aides, orderlies, and attendants	1 707	128	69	332	416	540	117	47	16	30	12	2 780	3 231
Practical nurses	344	18	25	20	30	56	71	81	33	10	–	4 324	5 050
Personal service workers	804	142	96	191	177	144	31	10	–	9	4	1 859	2 640
Hairdressers and cosmetologists	269	42	40	85	53	30	14	5	–	–	–	1 618	2 288
Private household workers	**5 267**	**1 362**	**1 032**	**1 543**	**908**	**319**	**58**	**19**	**4**	**11**	**11**	**1 155**	**1 602**
Private household workers, living in	122	–	16	65	26	11	–	–	–	–	4	1 692	...
Private household workers, living out	5 145	1 362	1 016	1 478	882	308	58	19	4	11	7	1 132	1 597

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

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Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued													
Persons of Spanish Language													
Experienced civilian labor force	**3 553**	**397**	**392**	**504**	**491**	**532**	**403**	**343**	**218**	**214**	**59**	**2 985**	**4 481**
Professional, technical, and kindred workers	**581**	**52**	**25**	**55**	**46**	**80**	**51**	**77**	**86**	**77**	**32**	**4 637**	**6 096**
Accountants	41	4	–	6	–	7	–	16	–	–	8	...	...
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	–	–	–	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	5	–	–	–	5	–	–	–	–	–	–	...	...
Registered nurses, dietitians, and therapists	133	5	–	16	4	–	14	15	36	35	8	6 347	...
Dietitians	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses	123	5	–	16	4	–	14	15	26	35	8	6 288	...
Health technologists and technicians	24	–	8	–	–	11	5	–	–	–	–	...	...
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	7	–	–	–	–	–	7	–	–	–	–	...	...
Teachers: College and university	13	–	–	–	–	–	–	7	6	–	–	...	...
Elementary and prekindergarten	120	22	–	6	13	15	13	7	29	15	–	4 308	...
Secondary	105	–	–	12	15	19	–	25	7	27	–	5 260	...
Other teachers	15	6	9	–	–	–	–	–	–	–	–	...	–
Engineering and science technicians	23	7	–	–	–	–	8	–	8	–	–	...	...
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	42	–	8	15	9	6	4	–	–	–	–	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	4	–	–	–	–	–	4	–	–	–	–	...	...
Other professional, technical, and kindred workers	53	8	–	–	–	22	–	7	–	–	16	...	...
Managers and administrators, except farm	**99**	**7**	**–**	**–**	**20**	**25**	**22**	**–**	**18**	**–**	**7**	...	...
Buyers, purchasing agents, and sales managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	37	–	–	–	8	5	7	–	10	–	7	...	...
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	34	–	–	–	12	14	8	–	–	–	–	...	...
Managers and administrators, n.e.c., salaried	21	–	–	–	–	6	7	–	8	–	–	...	...
Wholesale and retail trade	8	–	–	–	–	–	–	–	8	–	–	...	...
Managers and administrators, n.e.c., self-employed	7	7	–	–	–	–	–	–	–	–	–	...	–
Wholesale and retail trade	7	7	–	–	–	–	–	–	–	–	–	...	–
Sales workers	**227**	**27**	**28**	**52**	**40**	**44**	**–**	**–**	**6**	**23**	**7**	**2 163**	...
Demonstrators, hucksters, and peddlers	15	–	–	–	–	8	–	–	–	–	7	...	–
Insurance, real estate agents, and brokers	13	–	–	–	–	–	–	–	–	13	–	...	...
Sales clerks, retail trade	137	27	20	25	35	30	–	–	–	–	–	1 860	...
Salesmen, retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	62	–	8	27	5	6	–	–	6	10	–	...	...
Clerical and kindred workers	**1 090**	**37**	**89**	**122**	**128**	**161**	**207**	**208**	**64**	**67**	**7**	**4 039**	**4 845**
Bank tellers	20	–	–	6	–	7	–	7	–	–	–	...	...
Bookkeepers	120	–	6	–	7	12	33	40	7	15	–	5 050	5 263
Cashiers	67	–	9	6	17	12	9	14	–	–	–	...	...
Counter clerks, except food	6	–	–	6	–	–	–	–	–	–	–	...	–
Enumerators and interviewers	–	–	–	–	–	–	–	–	–	–	–	–	–
File clerks	27	–	13	9	–	–	–	–	5	–	–	...	...
Office machine operators	40	–	7	–	–	13	13	7	–	–	–	...	...
Bookkeeping and billing machine operators	6	–	–	–	–	6	–	–	–	–	–	...	...
Keypunch operators	34	–	7	–	–	7	13	7	–	–	–	...	...
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	23	9	7	–	–	–	7	–	–	–	–	...	...
Secretaries	322	13	27	32	46	38	57	55	25	29	–	4 088	4 956
Stenographers	61	–	–	–	–	13	12	17	8	11	–	...	...
Telephone operators	33	–	–	–	7	15	6	5	–	–	–	...	...
Typists	83	–	–	14	15	18	19	12	5	–	–	...	...
Other clerical and kindred workers	288	15	20	49	36	33	51	51	14	12	7	3 727	4 807
Craftsmen and kindred workers	**55**	**–**	**–**	**19**	**8**	**–**	**4**	**–**	**18**	**6**	**–**	...	...
Foremen, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	**411**	**38**	**47**	**60**	**84**	**58**	**56**	**34**	**17**	**11**	**6**	**2 720**	**3 943**
Assemblers	28	–	10	–	5	–	8	–	–	5	–	...	...
Bottling and canning operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	19	–	–	–	8	–	6	5	–	–	–	...	...
Dressmakers and seamstresses, except factory	18	–	5	–	–	7	6	–	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	79	19	6	27	9	13	5	–	–	–	–	...	...
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	44	–	–	21	7	–	–	16	–	–	–	...	...
Sewers and stitchers	92	–	12	7	30	21	16	–	–	–	6	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	70	19	7	–	13	–	8	–	17	6	–	...	...
Miscellaneous and not specified operatives	61	–	7	5	12	17	7	13	–	–	–	...	...
Manufacturing	57	–	7	5	8	17	7	13	–	–	–	...	...
Durable goods	37	–	7	–	–	17	–	13	–	–	–	...	...
Machinery, including electrical	31	–	7	–	–	11	–	13	–	–	–	...	...
Other durable goods	6	–	–	–	–	6	–	–	–	–	–	...	...
Nondurable goods, including not specified manufacturing	20	–	–	5	8	–	7	–	–	–	–	...	...
Food and kindred products	–	–	–	–	–	–	–	–	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	4	–	–	–	4	–	–	–	–	–	–	...	–
Transport equipment operatives	**16**	**–**	**–**	**–**	**7**	**–**	**–**	**–**	**9**	**–**	**–**	...	...
Laborers, except farm	**19**	**8**	**–**	**–**	**–**	**5**	**–**	**6**	**–**	**–**	**–**	...	...
Farmers and farm managers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Farm laborers and farm foremen	**17**	**–**	**–**	**7**	**10**	**–**	**–**	**–**	**–**	**–**	**–**	...	–
Paid farm laborers and farm foremen	17	–	–	7	10	–	–	–	–	–	–	...	–
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**990**	**223**	**171**	**178**	**148**	**159**	**63**	**18**	**–**	**30**	**–**	**1 567**	**3 158**
Cleaning service workers	109	23	8	38	21	7	12	–	–	–	–	1 618	...
Chambermaids and maids	49	15	8	11	8	7	–	–	–	–	–	...	...
Food service workers	452	138	119	55	53	47	28	6	–	6	–	870	...
Cooks, except private household	88	13	35	14	8	12	6	–	–	–	–	...	...
Waiters and food counter workers	261	91	41	41	24	30	22	6	–	6	–	982	...
Health service workers	277	55	27	44	42	78	17	–	–	14	–	2 298	...
Nursing aides, orderlies, and attendants	189	40	12	29	42	45	7	–	–	14	–	2 321	...
Practical nurses	54	–	8	15	–	21	10	–	–	–	–	...	–
Personal service workers	109	7	10	20	26	24	6	6	–	10	–	2 673	...
Hairdressers and cosmetologists	62	7	–	5	14	24	6	6	–	–	–	...	...
Private household workers	**48**	**5**	**32**	**11**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	...	...
Private household workers, living in	6	–	6	–	–	–	–	–	–	–	–	...	...
Private household workers, living out	42	5	26	11	–	–	–	–	–	–	–	...	...

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
OKLAHOMA CITY SMSA													
Total													
Experienced civilian labor force	**101 370**	**8 297**	**7 824**	**12 884**	**12 336**	**15 533**	**13 357**	**11 235**	**8 593**	**8 786**	**2 525**	**3 602**	**4 717**
Professional, technical, and kindred workers	**15 965**	**646**	**719**	**1 283**	**1 450**	**1 258**	**1 404**	**1 849**	**2 640**	**3 726**	**990**	**5 661**	**6 449**
Accountants	1 073	17	50	88	72	80	212	168	110	199	77	5 104	5 770
Computer specialists	151	10	6	–	9	–	16	9	17	45	39	7 567	8 067
Librarians	385	52	20	29	55	36	30	17	35	96	15	4 017	6 091
Mathematical specialists	58	–	5	11	5	–	10	10	6	6	5	...	...
Life and physical scientists	121	–	–	–	14	5	–	10	14	38	40	8 382	...
Registered nurses, dietitians, and therapists	2 819	62	71	220	260	272	348	246	431	751	158	5 717	6 714
Dietitians	130	9	5	18	17	11	26	–	–	38	6	4 192	...
Registered nurses	2 516	53	63	178	216	223	322	246	408	665	142	5 825	6 710
Health technologists and technicians	678	4	30	49	56	78	86	90	115	129	41	5 400	6 150
Social scientists	95	5	4	–	–	–	21	19	16	13	17	...	...
Social and recreation workers	604	19	35	28	59	54	44	47	137	131	50	6 117	6 668
Teachers: College and university	612	20	29	57	69	65	21	38	46	139	128	6 152	8 142
Elementary and prekindergarten	4 027	180	137	274	301	297	171	551	1 048	1 018	50	6 098	6 442
Secondary	1 799	49	30	93	242	106	132	256	376	487	28	5 967	6 378
Other teachers	458	62	74	109	41	29	27	25	25	37	29	1 853	3 889
Engineering and science technicians	324	27	10	11	28	30	23	57	47	52	39	5 579	6 159
Technicians, except health, and engineering and science	173	–	17	–	16	18	10	4	27	81	–	6 796	7 457
Writers, artists, and entertainers	827	73	83	112	77	67	85	137	58	98	37	4 018	5 524
Actors and dancers	11	–	–	–	–	–	11	–	–	–	–	...	...
Authors, editors, and reporters	231	19	25	23	14	–	24	36	28	59	3	5 292	6 714
Other professional, technical, and kindred workers	1 761	66	118	202	146	121	168	165	132	406	237	5 361	6 699
Managers and administrators, except farm	**4 353**	**214**	**143**	**253**	**330**	**492**	**607**	**529**	**517**	**751**	**517**	**5 260**	**5 859**
Buyers, purchasing agents, and sales managers	478	–	5	10	19	74	73	45	83	117	52	6 157	6 253
Restaurant, cafeteria, and bar managers	585	47	30	41	93	116	55	103	32	40	28	3 703	5 206
School administrators	156	–	–	21	5	4	10	16	21	39	40	7 077	6 905
Other specified managers and administrators	1 165	44	37	62	59	110	181	123	125	240	184	5 728	6 268
Managers and administrators, n.e.c., salaried	1 458	47	43	68	109	140	222	203	228	251	147	5 493	6 009
Wholesale and retail trade	424	17	5	33	33	59	79	65	36	75	22	4 823	5 138
Managers and administrators, n.e.c., self-employed	511	76	28	51	45	48	66	39	28	64	66	4 114	4 590
Wholesale and retail trade	291	50	16	18	34	36	49	22	–	39	27	3 764	4 359
Sales workers	**8 051**	**1 237**	**1 014**	**1 182**	**1 403**	**1 524**	**616**	**406**	**170**	**273**	**226**	**2 422**	**3 556**
Demonstrators, hucksters, and peddlers	568	135	169	134	51	15	5	15	16	10	18	941	1 263
Insurance, real estate agents, and brokers	823	99	52	52	81	108	108	89	54	82	98	4 181	5 094
Sales clerks, retail trade	5 076	746	601	789	1 062	1 183	344	176	52	89	34	2 379	3 386
Salesmen, retail trade	235	14	37	35	41	33	28	16	5	4	22	2 768	3 204
Other sales workers	1 349	243	155	172	168	185	131	110	43	88	54	2 622	4 431
Clerical and kindred workers	**40 423**	**2 131**	**2 540**	**4 183**	**4 052**	**6 739**	**7 739**	**5 992**	**3 722**	**2 833**	**492**	**4 073**	**4 901**
Bank tellers	609	4	28	24	21	121	279	82	17	28	5	4 382	4 579
Bookkeepers	4 647	136	190	359	431	874	1 002	806	466	278	105	4 333	4 887
Cashiers	2 975	386	386	560	516	558	289	187	53	28	12	2 301	3 686
Counter clerks, except food	539	21	63	79	83	112	60	45	28	38	10	3 210	4 182
Enumerators and interviewers	84	9	5	22	21	15	6	6	–	–	–	...	...
File clerks	1 012	109	128	139	62	208	173	111	34	41	7	3 327	4 570
Office machine operators	2 100	107	83	188	195	270	649	340	188	75	5	4 319	4 813
Bookkeeping and billing machine operators	242	10	17	19	24	56	81	21	9	–	5	3 911	4 436
Keypunch operators	1 208	80	42	117	106	116	366	232	115	34	–	4 391	4 877
Payroll and timekeeping clerks	332	6	4	32	27	32	50	63	59	59	–	5 238	5 651
Receptionists	1 214	51	144	224	157	263	233	108	19	15	–	3 118	4 094
Secretaries	10 490	416	420	986	1 047	1 597	2 182	1 863	1 131	778	70	4 357	5 044
Stenographers	820	12	24	40	42	97	154	221	156	65	9	5 186	5 575
Telephone operators	1 448	64	84	157	205	268	235	204	165	61	5	3 799	4 782
Typists	3 193	199	244	362	326	539	699	417	301	85	21	3 864	4 655
Other clerical and kindred workers	10 960	611	737	1 011	919	1 785	1 728	1 539	1 105	1 282	243	4 241	5 242
Craftsmen and kindred workers	**2 241**	**97**	**64**	**208**	**210**	**304**	**288**	**289**	**355**	**327**	**99**	**4 825**	**5 868**
Foremen, n.e.c	294	6	–	4	14	48	51	27	39	68	37	5 889	6 765
Operatives, except transport	**8 458**	**534**	**535**	**1 062**	**1 086**	**1 615**	**1 160**	**1 135**	**739**	**526**	**66**	**3 627**	**4 725**
Assemblers	1 335	63	41	198	109	232	240	272	118	62	–	4 102	5 008
Bottling and canning operatives	37	5	–	10	–	14	8	–	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	492	22	–	35	49	36	78	107	92	73	–	5 243	5 731
Dressmakers and seamstresses, except factory	452	59	67	84	44	111	46	24	9	8	–	2 364	3 545
Laundry and drycleaning operatives, including ironers	850	76	78	141	217	215	48	42	22	–	11	2 599	3 293
Graders and sorters, manufacturing	16	–	–	–	5	–	6	5	–	–	–	...	...
Packers and wrappers, except produce	794	59	41	91	68	188	138	137	55	17	–	3 734	4 411
Sewers and stitchers	498	29	40	90	90	156	63	9	5	16	–	3 000	3 589
Textile operatives	50	–	22	5	4	9	–	–	5	5	–	...	...
Other specified operatives	1 560	110	80	162	192	252	243	183	172	136	30	3 937	4 915
Miscellaneous and not specified operatives	2 374	111	166	246	308	402	290	356	261	209	25	3 886	5 365
Manufacturing	1 996	87	135	210	242	344	248	317	210	183	20	3 942	5 391
Durable goods	1 598	48	97	149	189	251	176	304	187	177	20	4 369	5 650
Machinery, including electrical	1 422	37	81	125	161	227	151	275	168	177	20	4 530	5 753
Other durable goods	176	11	16	24	28	24	25	29	19	–	–	3 375	...
Nondurable goods, including not specified manufacturing	398	39	38	61	53	93	72	13	23	6	–	3 086	3 867
Food and kindred products	75	9	5	–	–	23	25	–	13	–	–	...	...
Apparel and other fabricated textile products	83	21	4	13	7	27	11	–	–	–	–	...	...
Nonmanufacturing industries	378	24	31	36	66	58	42	39	51	26	5	3 552	5 179
Transport equipment operatives	**297**	**30**	**20**	**48**	**29**	**36**	**33**	**27**	**5**	**55**	**14**	**3 597**	**5 278**
Laborers, except farm	**961**	**41**	**94**	**139**	**80**	**169**	**85**	**170**	**136**	**42**	**5**	**3 749**	**5 126**
Farmers and farm managers	**60**	**8**	**3**	**15**	**7**	**5**	**–**	**4**	**4**	**4**	**10**	...	...
Farm laborers and farm foremen	**138**	**24**	**21**	**24**	**17**	**25**	**8**	**10**	**–**	**9**	**–**	**2 000**	...
Paid farm laborers and farm foremen	133	19	21	24	17	25	8	10	–	9	–	2 147	...
Unpaid family workers	5	5	–	–	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**17 670**	**2 613**	**2 142**	**3 692**	**3 171**	**3 220**	**1 386**	**819**	**297**	**236**	**94**	**2 122**	**3 290**
Cleaning service workers	1 759	256	208	392	391	302	154	39	8	9	–	2 060	2 844
Chambermaids and maids	628	88	66	152	157	100	49	13	3	–	–	2 051	2 660
Food service workers	6 845	1 209	927	1 807	1 347	1 026	296	120	47	39	27	1 712	3 003
Cooks, except private household	2 148	203	220	606	490	459	106	25	11	20	8	2 092	3 157
Waiters and food counter workers	3 427	744	587	823	612	393	138	63	33	19	15	1 465	2 825
Health service workers	3 754	310	294	544	608	1 009	492	352	113	21	11	3 120	3 669
Nursing aides, orderlies, and attendants	2 218	231	213	373	437	718	152	64	19	5	6	2 668	3 349
Practical nurses	738	26	14	51	74	104	151	231	79	8	–	4 662	5 126
Personal service workers	3 685	584	462	603	560	644	371	199	97	129	36	2 346	3 541
Hairdressers and cosmetologists	2 093	242	196	299	346	378	274	158	62	102	36	2 895	3 886
Private household workers	**2 753**	**722**	**529**	**795**	**501**	**146**	**31**	**5**	**8**	**4**	**12**	**1 158**	**1 731**
Private household workers, living in	197	12	34	106	24	16	–	–	–	–	5	1 495	1 513
Private household workers, living out	2 556	710	495	689	477	130	31	5	8	4	7	1 106	1 778

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
OKLAHOMA CITY SMSA—Continued													
Negro													
Experienced civilian labor force	**8 866**	**916**	**813**	**1 337**	**1 514**	**1 552**	**963**	**589**	**558**	**524**	**100**	**2 903**	**3 632**
Professional, technical, and kindred workers	**1 181**	**22**	**13**	**115**	**116**	**74**	**122**	**162**	**157**	**337**	**63**	**5 793**	**6 280**
Accountants	19	–	–	10	–	5	–	–	–	4	–	...	...
Computer specialists	4	–	–	–	–	–	–	–	–	4	–	...	...
Librarians	40	11	–	4	–	15	5	–	–	5	–	...	...
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	5	–	–	–	–	–	–	5	–	–	–	...	–
Registered nurses, dietitians, and therapists	135	–	–	13	6	13	16	17	30	35	5	6 083	6 352
Dietitians	27	–	–	13	6	3	–	–	–	5	–	...	...
Registered nurses	102	–	–	–	–	10	16	17	24	30	5	6 333	...
Health technologists and technicians	84	–	–	5	–	5	36	16	5	17	–	...	...
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	125	–	10	13	11	–	7	6	22	45	11	6 705	...
Teachers: College and university	33	–	–	–	5	–	6	5	–	5	12	...	...
Elementary and prekindergarten	382	7	3	22	22	17	4	67	89	146	5	6 551	6 756
Secondary	148	4	–	10	26	6	29	24	5	40	4	4 966	...
Other teachers	14	–	–	10	–	–	4	–	–	–	–	...	...
Engineering and science technicians	10	–	–	–	10	–	–	–	–	–	–	...	...
Technicians, except health, and engineering and science	10	–	–	–	–	–	–	4	6	–	–	...	...
Writers, artists, and entertainers	17	–	–	8	–	–	–	–	–	3	6	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	3	–	–	–	–	–	–	–	–	3	–	...	...
Other professional, technical, and kindred workers	155	–	–	20	36	13	15	18	–	33	20	4 567	...
Managers and administrators, except farm	**134**	**5**	**11**	**4**	**6**	**24**	**14**	**13**	**26**	**31**	**–**	**5 231**	**5 038**
Buyers, purchasing agents, and sales managers	18	–	–	–	–	5	4	–	4	5	–	...	...
Restaurant, cafeteria, and bar managers	27	–	–	–	6	11	–	5	–	5	–	...	...
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	53	–	11	–	–	8	5	8	16	5	–	...	...
Managers and administrators, n.e.c., salaried	27	–	–	–	–	–	5	–	6	16	–	...	...
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	9	5	–	4	–	–	–	–	–	–	–	...	...
Wholesale and retail trade	9	5	–	4	–	–	–	–	–	–	–	...	...
Sales workers	**144**	**18**	**30**	**28**	**32**	**36**	**–**	**–**	**–**	**–**	**–**	**1 857**	...
Demonstrators, hucksters, and peddlers	20	–	8	6	6	–	–	–	–	–	–	...	...
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales clerks, retail trade	92	18	17	17	13	27	–	–	–	–	–	...	...
Salesmen, retail trade	5	–	5	–	–	–	–	–	–	–	–	...	...
Other sales workers	27	–	–	5	13	9	–	–	–	–	–	...	...
Clerical and kindred workers	**1 607**	**115**	**119**	**175**	**186**	**325**	**318**	**119**	**173**	**69**	**8**	**3 642**	**4 439**
Bank tellers	22	–	–	–	–	10	12	–	–	–	–	...	...
Bookkeepers	26	5	–	5	6	4	–	–	–	6	–	...	...
Cashiers	96	15	9	8	13	27	18	6	–	–	–	...	...
Counter clerks, except food	38	7	11	4	–	5	–	7	4	–	–	...	...
Enumerators and interviewers	–	–	–	–	–	–	–	–	–	–	–	–	–
File clerks	57	13	9	5	–	17	13	–	–	–	–	...	...
Office machine operators	118	16	5	5	9	13	41	10	13	6	–	4 268	...
Bookkeeping and billing machine operators	9	–	–	–	–	–	9	–	–	–	–	...	...
Keypunch operators	74	10	5	5	9	–	32	4	9	–	–	...	...
Payroll and timekeeping clerks	10	–	–	5	–	5	–	–	–	–	–	...	...
Receptionists	72	5	14	10	23	4	–	16	–	–	–	...	...
Secretaries	172	2	10	29	22	31	42	31	5	–	–	3 742	4 092
Stenographers	14	–	–	–	–	5	4	–	5	–	–	...	...
Telephone operators	84	10	9	6	5	23	24	–	7	–	–	...	...
Typists	203	19	8	33	26	33	59	5	20	–	–	3 470	4 356
Other clerical and kindred workers	695	23	44	65	82	148	105	44	119	57	8	3 902	4 889
Craftsmen and kindred workers	**180**	**19**	**–**	**5**	**12**	**37**	**30**	**45**	**20**	**12**	**–**	**4 567**	...
Foremen, n.e.c.	17	–	–	–	8	5	–	–	–	4	–	...	...
Operatives, except transport	**1 176**	**79**	**55**	**128**	**204**	**274**	**187**	**79**	**108**	**46**	**16**	**3 445**	**4 112**
Assemblers	218	25	–	27	26	43	50	27	20	–	–	3 721	4 061
Bottling and canning operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	45	11	–	–	6	13	8	7	–	–	–	...	...
Dressmakers and seamstresses, except factory	29	–	5	4	4	6	6	4	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	189	9	18	33	60	53	10	6	–	–	–	2 575	...
Graders and sorters, manufacturing	10	–	–	–	5	–	–	5	–	–	–	...	...
Packers and wrappers, except produce	23	5	3	–	–	–	5	–	4	6	–	...	...
Sewers and stitchers	43	–	10	5	4	12	6	–	–	6	–	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	280	16	10	35	52	40	50	20	36	10	11	3 675	4 788
Miscellaneous and not specified operatives	339	13	9	24	47	107	52	10	48	24	5	3 715	4 971
Manufacturing	267	13	9	14	32	102	44	4	26	18	5	3 642	...
Durable goods	242	4	9	14	32	93	37	4	26	18	5	3 667	...
Machinery, including electrical	238	4	9	14	32	93	33	4	26	18	5	3 645	...
Other durable goods	4	–	–	–	–	–	4	–	–	–	–	...	–
Nondurable goods, including not specified manufacturing	25	9	–	–	–	9	7	–	–	–	–	...	...
Food and kindred products	9	–	–	–	–	2	7	–	–	–	–	...	–
Apparel and other fabricated textile products	9	9	–	–	–	–	–	–	–	–	–	...	–
Nonmanufacturing industries	72	–	–	10	15	5	8	6	22	6	–	...	...
Transport equipment operatives	**10**	**–**	**–**	**–**	**–**	**4**	**–**	**–**	**–**	**6**	**–**	...	...
Laborers, except farm	**172**	**5**	**8**	**37**	**–**	**45**	**16**	**28**	**33**	**–**	**–**	**3 800**	**4 333**
Farmers and farm managers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Farm laborers and farm foremen	**5**	**–**	**–**	**–**	**5**	**–**	**–**	**–**	**–**	**–**	**–**	...	...
Paid farm laborers and farm foremen	5	–	–	–	5	–	–	–	–	–	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**2 719**	**388**	**280**	**413**	**541**	**633**	**256**	**138**	**41**	**23**	**6**	**2 515**	**3 155**
Cleaning service workers	673	112	89	102	170	126	68	6	–	–	–	2 197	2 707
Chambermaids and maids	311	41	37	59	109	41	18	6	–	–	–	2 170	2 413
Food service workers	605	106	55	78	124	125	81	21	10	5	–	2 512	3 372
Cooks, except private household	290	33	10	34	72	94	39	3	–	5	–	2 944	3 266
Waiters and food counter workers	158	37	20	28	22	13	26	5	7	–	–	1 786	...
Health service workers	901	43	50	109	151	318	83	101	31	9	6	3 307	3 583
Nursing aides, orderlies, and attendants	611	37	31	72	128	263	41	24	4	5	6	3 143	3 379
Practical nurses	184	–	7	4	4	39	31	68	27	4	–	5 103	5 415
Personal service workers	231	43	39	50	44	42	9	–	–	4	–	1 670	2 518
Hairdressers and cosmetologists	135	22	33	30	27	14	9	–	–	–	–	1 417	...
Private household workers	**1 538**	**265**	**297**	**432**	**412**	**100**	**20**	**5**	**–**	**–**	**7**	**1 479**	**1 958**
Private household workers, living in	75	–	13	43	14	5	–	–	–	–	–	...	...
Private household workers, living out	1 463	265	284	389	398	95	20	5	–	–	7	1 469	2 016

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
TULSA SMSA													
Total													
Experienced civilian labor force	**69 080**	**6 788**	**5 463**	**9 274**	**8 571**	**10 536**	**9 735**	**6 729**	**4 768**	**5 814**	**1 402**	**3 422**	**4 545**
Professional, technical, and kindred workers	**9 764**	**512**	**379**	**647**	**792**	**829**	**818**	**1 348**	**1 411**	**2 493**	**535**	**5 671**	**6 205**
Accountants	725	29	19	48	28	84	122	104	98	157	36	5 313	6 047
Computer specialists	85	–	4	–	4	12	4	18	4	24	15	...	...
Librarians	179	10	17	10	18	–	19	20	28	43	14	5 775	...
Mathematical specialists	29	–	–	–	–	5	–	5	4	15	–	...	...
Life and physical scientists	29	–	–	–	–	–	5	6	–	18	–	...	...
Registered nurses, dietitians, and therapists	1 779	61	37	109	175	272	147	220	180	496	82	5 402	6 367
Dietitians	58	14	–	–	17	16	–	5	–	–	6	...	...
Registered nurses	1 610	42	37	97	143	241	141	199	168	466	76	5 523	6 708
Health technologists and technicians	450	21	11	42	38	83	62	43	56	75	19	4 484	5 167
Social scientists	52	–	–	–	5	5	–	–	12	23	7	...	...
Social and recreation workers	421	10	16	37	9	14	50	75	111	70	29	5 993	6 252
Teachers: College and university	126	10	11	–	5	10	10	18	17	15	30	5 944	...
Elementary and prekindergarten	2 601	113	129	156	204	121	90	389	514	825	60	6 192	6 434
Secondary	1 177	54	22	75	91	69	47	174	232	366	47	6 244	6 659
Other teachers	273	54	29	28	30	15	11	46	5	50	5	2 850	5 661
Engineering and science technicians	219	16	–	21	15	15	68	29	11	38	6	4 625	5 260
Technicians, except health, and engineering and science	56	–	–	–	12	–	12	4	5	18	5	...	...
Writers, artists, and entertainers	595	46	59	59	94	38	93	68	39	57	42	4 016	5 202
Actors and dancers	38	–	10	11	6	–	11	–	–	–	–	...	–
Authors, editors, and reporters	174	–	24	6	35	5	27	35	7	22	13	4 630	5 431
Other professional, technical, and kindred workers	968	88	25	62	64	86	78	129	95	203	138	5 628	6 385
Managers and administrators, except farm	**2 840**	**134**	**148**	**175**	**243**	**384**	**304**	**341**	**285**	**505**	**321**	**5 094**	**5 647**
Buyers, purchasing agents, and sales managers	220	5	5	5	29	22	30	41	10	49	24	5 341	5 537
Restaurant, cafeteria, and bar managers	318	21	13	39	49	64	24	38	9	24	37	3 578	5 318
School administrators	138	10	–	11	–	4	5	5	17	45	41	8 133	...
Other specified managers and administrators	699	36	41	50	44	67	111	94	70	122	64	5 005	5 534
Managers and administrators, n.e.c., salaried	1 021	36	46	36	58	160	106	144	154	205	76	5 476	5 981
Wholesale and retail trade	419	19	4	25	25	70	59	51	61	91	14	5 147	5 818
Managers and administrators, n.e.c., self-employed	444	26	43	34	63	67	28	19	25	60	79	3 836	4 018
Wholesale and retail trade	263	20	29	23	29	39	7	14	25	32	45	3 782	3 948
Sales workers	**5 927**	**965**	**576**	**1 040**	**935**	**1 121**	**571**	**261**	**147**	**194**	**117**	**2 409**	**3 613**
Demonstrators, hucksters, and peddlers	459	137	65	126	48	43	23	4	5	–	8	1 218	2 893
Insurance, real estate agents, and brokers	669	56	21	84	46	84	145	64	47	67	55	4 300	4 829
Sales clerks, retail trade	3 701	608	375	694	685	828	238	113	62	88	10	2 253	3 374
Salesmen, retail trade	219	21	22	24	43	32	44	10	12	6	5	2 988	4 167
Other sales workers	879	143	93	112	113	134	121	70	21	33	39	2 810	4 230
Clerical and kindred workers	**27 371**	**1 518**	**1 599**	**2 815**	**2 745**	**4 579**	**5 510**	**3 770**	**2 467**	**2 093**	**275**	**4 078**	**4 862**
Bank tellers	498	9	10	20	43	114	160	112	16	9	5	4 331	4 651
Bookkeepers	3 389	66	151	317	313	597	833	477	327	278	30	4 301	4 799
Cashiers	2 081	239	217	400	301	427	239	164	29	39	26	2 613	3 719
Counter clerks, except food	330	20	35	35	47	76	53	42	17	5	–	3 368	4 071
Enumerators and interviewers	75	33	17	–	6	–	9	4	6	–	–	...	...
File clerks	591	66	58	91	74	124	65	52	34	23	4	3 052	4 393
Office machine operators	1 383	49	78	136	116	223	366	209	129	69	8	4 245	4 838
Bookkeeping and billing machine operators	213	5	12	12	20	66	65	23	10	–	–	3 871	4 328
Keypunch operators	835	33	45	84	57	109	239	143	74	46	5	4 374	4 915
Payroll and timekeeping clerks	268	–	7	6	25	40	64	44	34	48	–	4 875	5 385
Receptionists	1 013	113	101	158	110	153	214	101	41	22	–	3 160	4 366
Secretaries	7 626	266	241	561	666	1 108	1 651	1 300	884	838	111	4 588	5 217
Stenographers	531	11	16	35	29	90	129	55	94	62	10	4 655	5 080
Telephone operators	1 044	60	54	96	117	174	166	200	121	50	6	4 127	5 035
Typists	1 668	91	110	235	142	342	374	180	121	56	17	3 749	4 673
Other clerical and kindred workers	6 874	495	504	725	756	1 111	1 187	830	614	594	58	3 861	4 865
Craftsmen and kindred workers	**1 019**	**46**	**38**	**117**	**128**	**160**	**185**	**84**	**103**	**107**	**51**	**4 111**	**4 755**
Foremen, n.e.c	232	–	–	5	6	49	40	17	30	62	23	5 941	6 440
Operatives, except transport	**5 427**	**434**	**400**	**828**	**895**	**1 097**	**942**	**447**	**152**	**198**	**34**	**3 143**	**4 158**
Assemblers	699	44	49	59	82	168	183	54	22	38	–	3 688	4 389
Bottling and canning operatives	28	12	–	10	–	6	–	–	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	397	35	9	44	51	78	80	55	28	12	5	3 763	4 633
Dressmakers and seamstresses, except factory	366	41	37	45	105	67	50	21	–	–	–	2 571	3 500
Laundry and drycleaning operatives, including ironers	784	79	71	173	189	168	71	21	–	12	–	2 365	3 112
Graders and sorters, manufacturing	68	–	4	9	5	10	10	15	15	–	–	...	...
Packers and wrappers, except produce	579	25	9	84	101	139	91	126	4	–	–	3 507	4 318
Sewers and stitchers	592	54	88	123	123	128	57	13	–	–	6	2 252	3 535
Textile operatives	37	–	6	18	6	–	7	–	–	–	–	...	...
Other specified operatives	1 069	72	64	146	146	194	241	47	48	88	23	3 549	4 420
Miscellaneous and not specified operatives	808	72	63	117	87	139	152	95	35	48	–	3 468	4 643
Manufacturing	685	46	54	69	71	121	152	89	35	48	–	3 847	4 655
Durable goods	354	25	26	44	17	45	64	75	25	33	–	4 313	5 172
Machinery, including electrical	111	15	5	6	3	5	24	25	9	19	–	4 896	...
Other durable goods	243	10	21	38	14	40	40	50	16	14	–	3 963	4 963
Nondurable goods, including not specified manufacturing	331	21	28	25	54	76	88	14	10	15	–	3 493	4 174
Food and kindred products	73	5	7	19	12	10	20	–	–	–	–	...	...
Apparel and other fabricated textile products	55	–	5	–	21	11	8	–	–	10	–	...	...
Nonmanufacturing industries	123	26	9	48	16	18	–	6	–	–	–	1 552	...
Transport equipment operatives	**220**	**21**	**40**	**16**	**28**	**52**	**22**	**21**	**12**	**8**	–	**3 096**	...
Laborers, except farm	**390**	**52**	**61**	**115**	**38**	**45**	**38**	**16**	–	**15**	**10**	**1 713**	**4 155**
Farmers and farm managers	**62**	**30**	**5**	**17**	**5**	–	–	–	**5**	–	–	...	...
Farm laborers and farm foremen	**61**	**9**	**30**	**11**	**7**	**4**	–	–	–	–	–	...	–
Paid farm laborers and farm foremen	52	–	30	11	7	4	–	–	–	–	–	...	–
Unpaid family workers	9	9	–	–	–	–	–	–	–	–	–	...	–
Service workers, except private household[1]	**13 301**	**2 261**	**1 680**	**2 720**	**2 406**	**2 081**	**1 307**	**426**	**180**	**190**	**50**	**1 996**	**3 346**
Cleaning service workers	1 560	171	127	269	368	310	294	21	–	–	–	2 579	3 305
Chambermaids and maids	380	61	49	90	114	32	28	6	–	–	–	1 889	2 417
Food service workers	5 076	1 171	870	1 234	872	588	240	45	10	25	21	1 403	2 922
Cooks, except private household	1 272	144	175	423	242	179	80	10	5	9	5	1 749	3 142
Waiters and food counter workers	2 631	724	454	564	466	251	126	19	5	12	10	1 244	2 670
Health service workers	3 211	363	280	457	585	716	520	157	67	66	–	2 864	3 761
Nursing aides, orderlies, and attendants	2 174	254	197	380	422	530	319	41	14	17	–	2 607	3 548
Practical nurses	458	46	24	55	46	65	85	69	39	29	–	3 892	4 702
Personal service workers	2 358	329	286	522	383	344	158	161	74	79	22	2 110	3 359
Hairdressers and cosmetologists	1 394	153	148	289	233	216	83	141	62	47	22	2 459	3 563
Private household workers	**2 698**	**806**	**507**	**773**	**349**	**184**	**38**	**15**	**6**	**11**	**9**	**1 047**	**1 675**
Private household workers, living in	97	–	22	39	26	6	–	–	–	–	4	...	...
Private household workers, living out	2 601	806	485	734	323	178	38	15	6	11	5	1 013	1 669

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 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	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
TULSA SMSA—Continued													
Negro													
Experienced civilian labor force	**5 558**	**847**	**712**	**1 100**	**912**	**822**	**443**	**250**	**196**	**233**	**43**	**2 132**	**3 252**
Professional, technical, and kindred workers	**583**	**19**	**15**	**37**	**36**	**62**	**47**	**109**	**84**	**159**	**15**	**5 693**	**5 594**
Accountants	19	–	–	–	–	–	4	5	4	6	–	...	...
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	9	–	–	5	–	–	–	–	4	–	–	...	...
Mathematical specialists	9	–	–	–	–	–	–	–	4	5	–	...	...
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	117	14	–	12	6	23	21	16	15	10	–	4 167	...
Dietitians	26	14	–	–	6	6	–	–	–	–	–	...	...
Registered nurses	71	–	–	12	–	7	15	12	15	10	–	...	...
Health technologists and technicians	44	–	–	–	–	10	7	18	4	5	–	...	...
Social scientists	9	–	–	–	–	5	–	–	4	–	–	...	...
Social and recreation workers	43	–	6	4	–	–	6	10	–	17	–	...	...
Teachers: College and university	–	–	–	–	–	–	–	–	–	–	–	–	–
Elementary and prekindergarten	205	–	9	10	14	12	–	52	36	72	–	6 153	...
Secondary	62	5	–	6	–	–	–	–	13	38	–	...	...
Other teachers	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineering and science technicians	9	–	–	–	5	–	–	4	–	–	–	...	...
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	12	–	–	–	7	–	5	–	–	–	–	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	45	–	–	–	4	12	4	4	–	6	15	...	...
Managers and administrators, except farm	**122**	**11**	**20**	**17**	**–**	**8**	**17**	**15**	**10**	**14**	**10**	**4 294**	...
Buyers, purchasing agents, and sales managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	14	6	–	–	–	–	4	–	–	–	4	...	...
School administrators	15	–	–	11	–	–	–	–	–	4	–	...	...
Other specified managers and administrators	49	–	10	6	–	–	13	15	–	5	–	...	...
Managers and administrators, n.e.c., salaried	34	–	10	–	–	8	–	–	10	–	6	...	...
Wholesale and retail trade	18	–	–	–	–	8	–	–	10	–	–	...	...
Managers and administrators, n.e.c., self-employed	10	5	–	–	–	–	–	–	–	5	–	...	...
Wholesale and retail trade	10	5	–	–	–	–	–	–	–	5	–	...	...
Sales workers	**179**	**31**	**27**	**10**	**34**	**37**	**25**	**–**	**–**	**10**	**5**	**2 632**	...
Demonstrators, hucksters, and peddlers	–	–	–	–	–	–	–	–	–	–	–	–	–
Insurance, real estate agents, and brokers	11	–	–	–	–	–	6	–	–	–	5	...	...
Sales clerks, retail trade	106	7	12	10	34	27	12	–	–	4	–	2 706	...
Salesmen, retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	62	24	15	–	–	10	7	–	–	6	–	...	...
Clerical and kindred workers	**837**	**89**	**125**	**101**	**107**	**175**	**102**	**42**	**76**	**16**	**4**	**2 967**	**3 937**
Bank tellers	14	–	6	–	–	4	4	–	–	–	–	...	...
Bookkeepers	41	–	16	9	–	5	5	–	6	–	–	...	...
Cashiers	81	8	8	26	11	19	–	9	–	–	–	...	...
Counter clerks, except food	23	–	4	6	13	–	–	–	–	–	–	...	...
Enumerators and interviewers	11	–	–	–	–	–	5	–	6	–	–	...	...
File clerks	40	–	6	11	4	5	4	–	10	–	–	...	...
Office machine operators	33	5	6	5	–	9	8	–	–	–	–	...	...
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–	–
Keypunch operators	28	–	6	5	–	9	8	–	–	–	–	...	...
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	14	9	–	–	–	–	5	–	–	–	–	...	...
Secretaries	101	5	17	16	13	16	12	–	10	12	–	2 962	...
Stenographers	9	–	–	5	–	–	–	4	–	–	–	...	...
Telephone operators	60	9	10	5	4	26	6	–	–	–	–	...	...
Typists	69	15	11	4	3	17	6	9	4	–	–	...	...
Other clerical and kindred workers	341	38	41	14	59	74	47	20	40	4	4	3 250	4 224
Craftsmen and kindred workers	**46**	**–**	**10**	**–**	**5**	**7**	**13**	**11**	**–**	**–**	**–**	...	...
Foremen, n.e.c.	–	–	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	**345**	**43**	**33**	**51**	**86**	**91**	**18**	**12**	**6**	**5**	**–**	**2 529**	**3 195**
Assemblers	29	10	–	5	6	5	3	–	–	–	–	...	...
Bottling and canning operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	8	–	–	–	5	3	–	–	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	158	12	19	36	42	38	4	7	–	–	–	2 286	...
Graders and sorters, manufacturing	5	–	–	–	–	5	–	–	–	–	–	...	...
Packers and wrappers, except produce	41	4	–	–	15	10	7	5	–	–	–	...	...
Sewers and stitchers	30	5	–	3	14	4	4	–	–	–	–	...	...
Textile operatives	4	–	–	–	4	–	–	–	–	–	–	...	–
Other specified operatives	65	12	9	7	–	26	–	–	6	5	–	...	...
Miscellaneous and not specified operatives	5	–	5	–	–	–	–	–	–	–	–	...	–
Manufacturing	5	–	5	–	–	–	–	–	–	–	–	...	–
Durable goods	–	–	–	–	–	–	–	–	–	–	–	–	–
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	5	–	5	–	–	–	–	–	–	–	–	...	–
Food and kindred products	–	–	–	–	–	–	–	–	–	–	–	–	–
Apparel and other fabricated textile products	5	–	5	–	–	–	–	–	–	–	–	...	–
Nonmanufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	**82**	**11**	**22**	**28**	**–**	**6**	**–**	**5**	**–**	**5**	**5**	...	...
Farmers and farm managers	**4**	**–**	**–**	**4**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	...	...
Farm laborers and farm foremen	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Paid farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 841**	**267**	**228**	**388**	**402**	**289**	**183**	**51**	**20**	**13**	**–**	**2 093**	**3 143**
Cleaning service workers	347	35	27	68	121	64	32	–	–	–	–	2 360	2 758
Chambermaids and maids	95	16	11	26	33	9	–	–	–	–	–	...	...
Food service workers	521	78	125	108	81	68	44	12	5	–	–	1 532	3 347
Cooks, except private household	175	7	23	52	28	39	17	4	5	–	–	2 196	...
Waiters and food counter workers	161	43	53	10	24	15	16	–	–	–	–	854	...
Health service workers	564	80	33	102	106	110	81	24	15	13	–	2 632	4 077
Nursing aides, orderlies, and attendants	449	66	19	102	66	99	62	19	9	7	–	2 568	3 931
Practical nurses	68	14	9	–	14	4	15	–	6	6	–	...	...
Personal service workers	216	39	23	56	52	23	13	10	–	–	–	1 821	...
Hairdressers and cosmetologists	71	5	4	25	20	12	–	5	–	–	–	...	...
Private household workers	**1 519**	**376**	**232**	**464**	**242**	**147**	**38**	**5**	**–**	**11**	**4**	**1 327**	**1 916**
Private household workers, living in	29	–	–	11	8	6	–	–	–	–	4	...	...
Private household workers, living out	1 490	376	232	453	234	141	38	5	–	11	–	1 302	1 905

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

Table 177. **Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 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	Persons with earnings											
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	Median earnings (dollars)	Percent worked 50 to 52 weeks
Male experienced civilian labor force	**589 540**	**83 280**	**78 580**	**48 613**	**55 043**	**58 513**	**57 096**	**83 486**	**82 924**	**42 005**	**6 500**	**74.5**
Agriculture, forestry, and fisheries	**45 488**	**13 840**	**11 492**	**4 281**	**4 304**	**2 808**	**1 944**	**2 235**	**3 012**	**1 572**	**3 550**	**74.5**
Professional and managerial workers, except farm	1 261	112	159	106	99	135	59	148	188	255	7 331	81.2
Clerical and sales workers	290	68	47	26	21	30	34	20	38	6	5 190	67.6
Laborers, except farm	1 693	802	289	221	160	103	40	37	20	21	2 308	43.6
Other blue-collar workers	1 294	283	269	195	173	80	95	101	82	16	4 487	61.4
Farmers and farm managers	28 503	6 990	7 043	2 548	3 116	2 070	1 493	1 708	2 413	1 122	4 086	86.4
Farm laborers and farm foremen	12 291	5 518	3 657	1 173	701	384	223	221	267	147	2 343	52.6
Service workers, except private household	156	67	28	12	34	6	–	–	4	5	2 786	45.5
Mining	**28 254**	**1 571**	**2 047**	**1 447**	**2 053**	**2 391**	**3 301**	**5 764**	**6 293**	**3 387**	**8 457**	**81.2**
Professional, technical, and kindred workers	6 213	148	149	54	141	271	362	1 108	2 403	1 577	11 818	91.9
Managers and administrators, except farm	2 737	135	66	35	27	97	146	343	782	1 106	13 322	95.0
Clerical and sales workers	2 060	96	113	84	115	158	311	595	493	95	8 514	84.5
Craftsmen and kindred workers	6 314	331	398	349	435	579	1 043	1 503	1 338	338	8 029	87.5
Operatives, except transport	8 709	737	1 034	655	969	979	1 196	1 799	1 108	232	6 980	65.2
Transport equipment operatives, and laborers, except farm	1 953	103	239	243	307	285	216	364	157	39	6 296	77.4
Service workers, except private household	268	21	48	27	59	22	27	52	12	–	5 644	66.8
Construction	**64 182**	**7 802**	**10 599**	**7 093**	**6 965**	**6 264**	**5 731**	**8 191**	**8 215**	**3 322**	**5 947**	**58.7**
Professional, technical, and kindred workers	2 571	96	133	157	263	183	198	430	768	343	9 188	88.4
Managers and administrators, except farm	6 396	372	417	258	377	377	681	943	1 617	1 354	9 519	78.9
Sales workers	356	27	45	10	30	36	38	31	100	39	7 789	89.3
Clerical and kindred workers	1 191	65	116	127	95	102	174	169	249	94	7 520	81.4
Craftsmen and kindred workers	37 039	3 864	5 883	4 228	4 204	4 049	3 579	5 413	4 699	1 120	6 084	56.3
Operatives, except transport	3 677	394	522	335	441	441	329	562	448	205	6 332	53.1
Transport equipment operatives	3 025	336	799	645	393	263	216	204	114	55	4 585	61.8
Laborers, except farm	9 357	2 454	2 562	1 256	1 104	769	483	402	215	112	3 737	44.2
Service workers, except private household	570	194	122	77	58	44	33	37	5	–	3 492	53.9
Manufacturing, total	**110 254**	**9 183**	**11 719**	**8 676**	**11 236**	**12 724**	**13 164**	**19 619**	**17 243**	**6 690**	**7 121**	**78.2**
Professional, technical, and kindred workers	12 888	427	372	248	612	663	1 121	2 449	4 896	2 100	10 564	90.8
Managers and administrators, except farm	8 038	319	230	240	275	410	651	1 219	2 218	2 476	11 522	92.6
Sales workers	4 598	636	313	220	232	287	365	663	1 198	684	8 742	80.5
Clerical and kindred workers	6 347	542	635	548	688	775	876	1 278	810	195	6 981	80.6
Craftsmen and kindred workers	27 012	1 493	2 162	1 782	2 703	3 224	3 839	6 385	4 606	818	7 558	81.0
Operatives, except transport	36 869	3 553	5 277	3 736	4 844	5 588	4 817	6 138	2 613	303	6 183	72.8
Transport equipment operatives	5 561	361	817	720	698	860	719	818	521	47	6 215	73.4
Laborers, except farm	6 461	1 452	1 439	790	850	623	540	442	265	60	4 430	58.9
Service workers, except private household	2 480	400	474	392	334	294	236	227	116	7	4 934	66.9
Manufacturing, durable goods	**70 106**	**5 236**	**7 618**	**5 761**	**7 904**	**8 892**	**8 992**	**11 848**	**10 138**	**3 717**	**6 960**	**77.3**
Professional, technical, and kindred workers	6 815	184	192	153	316	389	615	1 285	2 737	944	10 500	91.1
Managers and administrators, except farm	4 418	172	96	97	141	212	364	600	1 234	1 502	12 135	92.8
Sales workers	1 603	69	74	63	43	74	145	257	552	326	10 693	87.3
Clerical and kindred workers	3 696	251	384	384	479	437	607	704	360	90	6 801	80.1
Craftsmen and kindred workers	19 177	1 025	1 568	1 262	1 991	2 324	2 733	4 404	3 341	529	7 519	80.2
Operatives, except transport	26 390	2 227	3 793	2 687	3 715	4 488	3 757	3 929	1 538	256	6 172	72.1
Transport equipment operatives	2 581	184	392	375	375	399	320	300	212	24	5 905	70.7
Laborers, except farm	4 043	880	850	549	627	424	341	235	91	46	4 531	58.6
Service workers, except private household	1 383	244	269	191	217	145	110	134	73	–	4 935	63.3
Manufacturing, nondurable goods, including not specified	**40 148**	**3 947**	**4 101**	**2 915**	**3 332**	**3 832**	**4 172**	**7 771**	**7 105**	**2 973**	**7 467**	**79.9**
Professional, technical, and kindred workers	6 073	243	180	95	296	274	506	1 164	2 159	1 156	10 645	90.5
Managers and administrators, except farm	3 620	147	134	143	134	198	287	619	984	974	10 752	92.3
Sales workers	2 995	567	239	157	189	213	220	406	646	358	7 602	76.8
Clerical and kindred workers	2 651	291	251	164	209	338	269	574	450	105	7 270	81.3
Craftsmen and kindred workers	7 835	468	594	520	712	900	1 106	1 981	1 265	289	7 654	82.9
Operatives, except transport	10 479	1 326	1 484	1 049	1 129	1 100	1 060	2 209	1 075	47	6 229	74.4
Transport equipment operatives	2 980	177	425	345	323	461	399	518	309	23	6 477	75.8
Laborers, except farm	2 418	572	589	241	223	199	199	207	174	14	4 199	59.4
Service workers, except private household	1 097	156	205	201	117	149	126	93	43	7	4 933	71.3
Transportation, communications, and other public utilities	**52 108**	**3 956**	**5 160**	**4 049**	**4 679**	**5 182**	**5 845**	**10 751**	**9 855**	**2 631**	**7 518**	**80.4**
Professional, technical, and kindred workers	3 916	192	208	114	155	296	359	738	1 375	479	9 718	88.8
Managers and administrators, except farm	4 088	149	200	132	214	292	355	673	1 328	745	10 109	89.8
Sales workers	584	16	24	21	26	92	83	125	143	54	8 480	89.4
Clerical and kindred workers	5 099	299	450	383	434	705	852	1 253	636	87	7 327	85.0
Craftsmen and kindred workers	15 841	470	831	1 045	1 306	1 608	1 908	4 806	3 684	183	8 313	87.2
Operatives, except transport	2 018	182	264	158	180	234	354	432	180	34	6 962	78.3
Transport equipment operatives	14 895	1 616	1 974	1 334	1 521	1 376	1 506	2 248	2 311	1 009	6 729	70.8
Laborers, except farm	4 545	845	1 010	670	653	470	339	396	127	35	4 623	67.0
Service workers, except private household	1 122	187	199	192	190	109	89	80	71	5	4 911	79.9
Wholesale trade	**30 437**	**2 597**	**2 954**	**2 311**	**2 837**	**3 522**	**3 554**	**4 972**	**4 823**	**2 867**	**7 281**	**82.3**
Professional, technical, and kindred workers	1 470	59	35	21	66	120	113	290	519	247	10 299	89.3
Managers and administrators, except farm	6 062	256	270	236	309	506	542	1 022	1 545	1 376	9 785	92.6
Sales workers	7 590	339	383	409	523	932	810	1 564	1 674	956	8 510	88.2
Clerical and kindred workers	2 436	246	351	276	352	307	315	345	203	41	5 980	74.7
Craftsmen and kindred workers	4 108	264	409	257	452	541	712	788	530	155	7 184	83.1
Operatives, except transport	1 980	288	386	278	254	236	177	262	89	10	5 150	70.9
Transport equipment operatives	4 165	406	535	588	521	632	648	536	239	60	6 051	78.6
Laborers, except farm	2 269	630	507	213	311	234	191	146	21	16	3 990	57.1
Service workers, except private household	357	109	78	33	49	14	46	19	3	6	3 782	65.3
Retail trade	**86 531**	**20 608**	**14 192**	**8 005**	**8 563**	**7 816**	**6 407**	**7 841**	**8 309**	**4 790**	**5 054**	**69.9**
Professional, technical, and kindred workers	2 787	290	212	160	149	155	177	412	799	433	9 216	81.0
Managers and administrators, except farm	22 609	1 725	2 325	1 661	2 221	2 450	2 245	3 038	3 963	2 981	7 411	88.9
Sales workers	15 957	3 208	2 447	1 373	1 635	1 546	1 287	1 845	1 719	897	5 581	73.7
Clerical and kindred workers	4 690	1 531	1 184	412	413	391	310	231	170	48	3 375	61.1
Craftsmen and kindred workers	11 488	1 296	1 679	1 382	1 646	1 629	1 286	1 404	920	246	5 843	75.6
Operatives, except transport	10 660	3 708	2 287	1 358	1 117	765	532	464	350	79	3 418	57.4
Transport equipment operatives	4 145	942	1 054	593	500	362	253	205	194	42	4 129	66.7
Laborers, except farm	6 713	3 587	1 529	505	486	254	150	128	58	16	1 871	42.1
Service workers, except private household	7 482	4 321	1 475	561	396	264	167	114	136	48	1 732	41.8

Table 177. Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 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	Persons with earnings: Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	Median earnings (dollars)	Percent worked 50 to 52 weeks
Male experienced civilian labor force—Continued												
Finance, insurance, and real estate	20 450	1 825	1 692	1 180	1 340	1 812	1 438	2 877	4 422	3 864	8 652	82.9
Professional, technical, and kindred workers	1 078	58	58	18	55	92	131	230	285	151	9 104	87.6
Managers and administrators, except farm	6 203	277	226	158	225	478	319	819	1 876	1 825	11 598	91.2
Sales workers	7 966	572	590	430	638	748	568	1 050	1 698	1 672	8 832	82.7
Clerical and kindred workers	2 842	340	283	231	207	295	298	560	452	176	7 218	78.7
Craftsmen and kindred workers	785	64	82	121	66	112	52	184	84	20	6 531	73.5
Operatives, except transport	72	4	10	14	–	15	24	5	–	–	...	...
Transport equipment operatives	124	42	20	14	23	–	5	12	4	4	4 000	58.1
Laborers, except farm	460	162	171	43	31	21	10	8	14	–	2 795	47.2
Service workers, except private household	920	306	252	151	95	51	31	9	9	16	3 222	66.2
Business and repair services	21 211	3 558	3 342	2 091	2 503	2 246	1 824	2 310	2 224	1 113	5 645	71.3
Professional, technical, and kindred workers	1 546	117	134	70	91	102	162	306	388	176	8 634	75.5
Managers and administrators, except farm	2 148	167	130	96	134	217	206	312	463	423	8 795	87.6
Sales workers	758	90	80	66	58	49	62	77	177	99	7 581	79.4
Clerical and kindred workers	930	228	109	117	139	73	50	129	54	31	5 079	63.4
Craftsmen and kindred workers	10 447	1 514	1 873	1 137	1 464	1 262	979	1 131	862	225	5 478	73.6
Operatives, except transport	2 801	601	395	298	409	360	231	218	194	95	5 260	65.4
Transport equipment operatives	603	114	146	59	46	75	45	71	42	5	4 703	59.0
Laborers, except farm	567	263	142	59	46	16	10	11	20	–	2 289	38.6
Service workers, except private household	1 411	464	333	189	116	92	79	55	24	59	3 450	55.6
Personal services	13 043	3 944	2 705	1 298	1 232	1 011	755	801	789	508	3 906	65.6
Professional and managerial workers, except farm	2 998	395	397	223	216	264	275	334	528	366	7 015	85.2
Clerical and sales workers	781	330	168	52	55	43	27	51	35	20	2 720	54.0
Craftsmen and operatives, including transport	2 904	660	676	394	437	317	156	150	72	42	4 294	68.0
Laborers, except farm	1 166	779	232	59	54	32	10	–	–	–	1 497	29.1
Service workers, except private household	4 801	1 533	1 146	570	454	349	276	254	148	71	3 514	64.8
Private household workers	393	247	86	–	16	6	11	12	6	9	1 591	37.9
Entertainment and recreation services	4 238	1 471	865	383	334	214	170	341	282	178	3 498	56.6
Professional, technical, and kindred workers	895	292	173	25	65	59	51	75	95	60	3 798	49.7
Managers and administrators, except farm	799	149	103	80	74	44	43	97	108	101	5 912	76.0
Sales workers	78	10	21	–	3	7	–	26	11	–	...	...
Clerical and kindred workers	189	73	46	15	5	–	6	21	18	5	2 935	52.9
Craftsmen and kindred workers	497	175	78	71	79	15	22	41	16	–	3 885	57.9
Operatives, except transport	40	24	–	–	–	4	–	7	5	–	...	...
Transport equipment operatives	47	7	10	10	4	6	–	10	–	–	...	...
Laborers, except farm	481	205	133	56	43	19	15	10	–	–	2 534	50.7
Service workers, except private household	1 212	536	301	126	61	60	33	54	29	12	2 465	49.9
Professional and related services	60 325	10 317	8 236	4 481	4 440	4 951	4 931	7 259	7 996	7 714	6 543	67.8
Professional, technical, and kindred workers	34 759	3 496	2 935	1 610	2 408	3 240	3 548	5 198	5 732	6 592	8 055	71.2
Managers and administrators, except farm	5 238	190	216	119	188	318	473	1 110	1 690	934	10 015	78.4
Sales workers	173	25	34	6	20	15	16	16	30	11	6 100	65.9
Clerical and kindred workers	2 638	1 045	548	181	154	158	104	206	172	70	3 000	53.7
Craftsmen and kindred workers	3 122	315	372	358	513	456	401	415	228	64	6 007	76.7
Operatives, except transport	781	207	234	110	31	81	28	43	42	5	3 568	57.2
Transport equipment operatives	518	126	199	83	34	15	31	20	10	–	3 337	57.7
Laborers, except farm	1 093	477	226	147	105	74	17	36	6	5	2 615	53.9
Service workers, except private household	12 003	4 436	3 472	1 867	987	594	313	215	86	33	2 902	56.6
Public administration	53 019	2 608	3 577	3 318	4 557	7 572	8 032	10 525	9 461	3 369	7 607	88.7
Professional, technical, and kindred workers	9 700	310	398	260	345	626	753	1 531	3 826	1 651	10 819	91.4
Managers and administrators, except farm	6 249	169	215	257	404	637	682	1 194	1 800	891	9 274	93.9
Sales workers	79	12	–	4	6	4	8	11	29	5	...	...
Clerical and kindred workers	11 505	536	561	472	702	1 658	1 895	3 474	1 737	470	7 962	88.8
Craftsmen and kindred workers	11 155	423	739	620	798	2 035	2 672	2 518	1 177	173	7 360	88.6
Operatives, except transport	2 551	111	188	205	263	628	619	429	75	33	6 810	85.5
Transport equipment operatives	1 152	82	176	135	284	248	148	34	34	11	5 644	84.0
Laborers, except farm	2 031	232	349	286	388	464	182	108	16	6	5 383	77.3
Service workers, except private household	8 597	733	951	1 079	1 367	1 272	1 073	1 226	767	129	6 132	86.1
Female experienced civilian labor force	333 915	114 204	97 384	39 227	29 868	23 293	13 683	9 672	4 795	1 789	3 083	53.0
Agriculture, forestry, and fisheries	2 807	1 532	705	188	156	58	40	54	57	17	1 832	55.1
Professional and managerial workers, except farm	118	38	36	6	21	4	5	–	5	3	3 167	62.7
Clerical and sales workers	505	225	161	54	33	7	–	5	16	4	2 342	48.9
Laborers, except farm	122	88	29	5	–	–	–	–	–	–	1 386	24.6
Other blue-collar workers	121	77	21	17	–	–	–	6	–	–	1 571	13.2
Farmers and farm managers	993	554	186	56	60	43	31	27	26	10	1 792	79.8
Farm laborers and farm foremen	877	508	249	44	42	4	4	16	10	–	1 726	39.7
Service workers, except private household	71	42	23	6	–	–	–	–	–	–	...	...
Mining	4 923	560	727	923	957	720	475	370	137	54	5 263	74.8
Professional, technical, and kindred workers	417	23	50	41	69	49	67	53	60	5	6 520	83.2
Managers and administrators, except farm	114	7	8	14	5	16	11	12	23	18	7 636	80.7
Clerical and sales workers	3 986	448	558	824	855	619	356	268	36	22	5 191	73.6
Craftsmen and kindred workers	108	11	10	4	7	18	17	27	14	–	7 235	89.8
Operatives, except transport	146	23	22	30	21	18	14	5	4	9	4 933	76.7
Transport equipment operatives, and laborers, except farm	26	–	10	5	–	–	6	5	–	–	...	...
Service workers, except private household	126	48	69	5	–	–	4	–	–	–	2 435	65.9
Construction	3 507	812	927	577	400	326	194	127	108	36	4 025	60.7
Professional, technical, and kindred workers	162	24	19	34	19	11	18	31	6	–	5 211	82.1
Managers and administrators, except farm	181	22	50	26	4	5	16	17	15	26	4 712	76.8
Sales workers	55	21	17	9	5	3	–	–	–	–	...	...
Clerical and kindred workers	2 305	547	598	434	275	248	116	54	33	–	4 017	63.2
Craftsmen and kindred workers	441	105	120	40	57	33	23	20	38	5	3 925	51.2
Operatives, except transport	94	23	33	–	11	4	12	–	11	–	...	...
Transport equipment operatives	48	11	23	4	7	–	3	–	–	–	...	...
Laborers, except farm	158	38	49	17	11	22	6	5	5	5	3 673	34.2
Service workers, except private household	63	21	18	13	11	–	–	–	–	–	...	...

Table 177. **Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 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	Persons with earnings											
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	Median earnings (dollars)	Percent worked 50 to 52 weeks
Female experienced civilian labor force—Continued												
Manufacturing, total	**39 307**	**9 402**	**13 043**	**6 471**	**4 413**	**2 820**	**1 676**	**1 020**	**337**	**125**	**3 572**	**57.4**
Professional, technical, and kindred workers	1 741	313	301	239	258	235	160	145	72	18	5 068	69.7
Managers and administrators, except farm	564	47	130	50	91	66	51	71	32	26	5 604	84.2
Sales workers	537	250	129	66	27	10	27	–	14	14	2 287	43.9
Clerical and kindred workers	11 292	1 866	2 843	2 363	1 748	1 126	790	394	119	43	4 397	65.3
Craftsmen and kindred workers	2 388	459	683	400	297	254	133	108	46	8	4 130	59.4
Operatives, except transport	21 485	6 006	8 507	3 220	1 889	1 042	466	290	49	16	3 114	52.0
Transport equipment operatives	130	25	19	16	10	24	29	7	–	–	5 500	75.4
Laborers, except farm	647	264	227	50	40	36	20	5	5	–	2 524	41.1
Service workers, except private household	523	172	204	67	53	27	–	–	–	–	2 877	59.5
Manufacturing, durable goods	**18 221**	**3 541**	**4 926**	**3 362**	**2 845**	**1 708**	**1 031**	**577**	**149**	**82**	**4 191**	**60.3**
Professional, technical, and kindred workers	713	79	98	113	105	106	89	87	24	12	5 633	68.4
Managers and administrators, except farm	276	22	47	5	60	38	35	35	18	16	6 105	84.8
Sales workers	118	25	20	30	16	5	6	–	6	10	4 467	62.7
Clerical and kindred workers	5 311	806	1 312	1 181	835	538	398	175	40	26	4 455	64.6
Craftsmen and kindred workers	1 303	224	333	194	190	155	90	68	41	8	4 487	58.3
Operatives, except transport	9 813	2 200	2 865	1 750	1 572	810	374	212	20	10	3 889	57.2
Transport equipment operatives	70	16	7	10	4	9	24	–	–	–	...	...
Laborers, except farm	310	86	115	40	22	32	15	–	–	–	3 200	48.4
Service workers, except private household	307	83	129	39	41	15	–	–	–	–	3 093	58.0
Manufacturing, nondurable goods, including not specified	**21 086**	**5 861**	**8 117**	**3 109**	**1 568**	**1 112**	**645**	**443**	**188**	**43**	**3 154**	**54.9**
Professional, technical, and kindred workers	1 028	234	203	126	153	129	71	58	48	6	4 611	70.6
Managers and administrators, except farm	288	25	83	45	31	28	16	36	14	10	4 800	83.7
Sales workers	419	225	109	36	11	5	21	–	8	4	1 862	38.7
Clerical and kindred workers	5 981	1 060	1 531	1 182	913	588	392	219	79	17	4 338	65.8
Craftsmen and kindred workers	1 085	235	350	206	107	99	43	40	5	–	3 757	60.8
Operatives, except transport	11 672	3 806	5 642	1 470	317	232	92	78	29	6	2 720	47.6
Transport equipment operatives	60	9	12	6	6	15	5	7	–	–	...	...
Laborers, except farm	337	178	112	10	18	4	5	5	5	–	1 893	34.4
Service workers, except private household	216	89	75	28	12	12	–	–	–	–	2 507	61.6
Transportation, communications, and other public utilities	**11 406**	**2 052**	**2 538**	**2 233**	**2 147**	**1 141**	**613**	**479**	**168**	**35**	**4 498**	**66.0**
Professional, technical, and kindred workers	510	69	98	102	81	50	42	39	29	–	4 863	74.3
Managers and administrators, except farm	306	32	16	46	46	61	30	59	5	11	6 213	86.3
Sales workers	155	9	22	38	54	10	11	6	–	5	5 157	82.6
Clerical and kindred workers	8 953	1 421	2 038	1 909	1 848	921	454	291	61	10	4 533	67.0
Craftsmen and kindred workers	330	49	41	36	44	50	40	29	41	–	5 886	71.5
Operatives, except transport	301	91	109	22	24	32	4	19	–	–	3 092	48.5
Transport equipment operatives	472	197	120	31	33	8	19	28	32	4	2 650	43.0
Laborers, except farm	84	32	22	–	–	9	8	8	–	5	...	...
Service workers, except private household	295	152	72	49	17	–	5	–	–	–	1 941	41.4
Wholesale trade	**8 388**	**1 825**	**2 400**	**1 554**	**1 098**	**774**	**287**	**267**	**102**	**81**	**3 974**	**63.1**
Professional, technical, and kindred workers	233	18	29	63	19	42	5	42	15	–	5 342	73.0
Managers and administrators, except farm	387	40	51	52	48	45	19	87	23	22	6 056	80.4
Sales workers	545	162	195	43	53	24	8	16	17	27	3 133	53.9
Clerical and kindred workers	6 041	1 144	1 654	1 248	928	632	250	118	41	26	4 178	66.2
Craftsmen and kindred workers	129	39	49	20	10	5	–	–	6	–	3 041	51.9
Operatives, except transport	637	224	285	76	25	12	5	4	–	6	2 663	48.5
Transport equipment operatives	89	41	29	10	–	9	–	–	–	–	...	...
Laborers, except farm	201	83	71	36	6	5	–	–	–	–	2 493	40.3
Service workers, except private household	126	74	37	6	9	–	–	–	–	–	1 703	31.7
Retail trade	**70 533**	**33 163**	**24 165**	**5 793**	**3 305**	**1 513**	**869**	**786**	**588**	**351**	**2 174**	**49.1**
Professional, technical, and kindred workers	796	225	163	124	102	56	53	22	26	25	4 081	53.1
Managers and administrators, except farm	5 778	1 249	1 652	694	645	441	292	367	284	154	3 985	76.1
Sales workers	21 772	10 706	8 310	1 264	635	337	213	144	108	55	2 043	48.2
Clerical and kindred workers	17 770	6 313	6 878	2 475	1 216	417	187	118	90	76	2 748	54.4
Craftsmen and kindred workers	1 175	305	378	181	112	84	34	32	22	27	3 495	64.3
Operatives, except transport	2 527	848	1 052	300	249	32	19	14	9	4	2 790	55.8
Transport equipment operatives	184	83	59	17	10	–	15	–	–	–	2 305	60.3
Laborers, except farm	661	343	239	25	42	2	5	–	5	–	1 927	45.8
Service workers, except private household	19 870	13 091	5 434	713	294	144	51	89	44	10	1 518	35.6
Finance, insurance, and real estate	**21 260**	**4 264**	**6 334**	**4 939**	**2 872**	**1 329**	**631**	**387**	**352**	**152**	**4 006**	**67.2**
Professional, technical, and kindred workers	440	59	134	68	54	39	41	26	19	–	4 397	67.5
Managers and administrators, except farm	1 545	250	254	223	218	169	137	127	100	67	5 209	85.0
Sales workers	2 190	544	526	324	217	156	91	106	159	67	4 077	62.6
Clerical and kindred workers	16 284	3 062	5 142	4 180	2 373	955	357	123	74	18	3 976	66.4
Craftsmen and kindred workers	32	–	10	5	7	5	5	–	–	–	...	...
Operatives, except transport	25	–	16	6	3	–	–	–	–	–	...	...
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	18	11	7	–	–	–	–	–	–	–	...	–
Service workers, except private household	726	338	245	133	–	5	–	5	–	–	2 204	63.1
Business and repair services	**6 647**	**2 253**	**1 937**	**1 062**	**605**	**335**	**132**	**150**	**97**	**76**	**3 105**	**52.0**
Professional, technical, and kindred workers	702	260	121	86	48	73	26	37	38	13	3 504	41.6
Managers and administrators, except farm	400	47	91	95	25	27	25	20	19	51	4 653	85.3
Sales workers	273	106	94	37	22	10	–	–	4	–	2 649	47.3
Clerical and kindred workers	3 795	1 273	1 181	640	389	187	47	61	14	3	3 058	50.0
Craftsmen and kindred workers	305	87	88	31	28	24	17	12	9	9	3 489	56.1
Operatives, except transport	427	136	147	62	41	9	12	7	13	–	3 054	56.0
Transport equipment operatives	23	–	8	4	6	–	5	–	–	–	...	...
Laborers, except farm	36	17	–	8	11	–	–	–	–	–	...	...
Service workers, except private household	686	327	207	99	35	5	–	13	–	–	2 155	52.0
Personal services	**33 380**	**19 892**	**9 381**	**1 743**	**1 027**	**485**	**302**	**277**	**167**	**106**	**1 678**	**47.6**
Professional and managerial workers, except farm	1 639	589	414	168	161	95	77	46	25	64	3 114	65.3
Clerical and sales workers	2 737	1 047	1 102	302	133	52	41	48	12	–	2 583	53.7
Craftsmen and operatives, including transport	4 240	1 943	1 847	203	132	57	20	13	25	–	2 192	50.4
Laborers, except farm	110	38	67	5	–	–	–	–	–	–	2 507	56.4
Service workers, except private household	12 103	5 862	4 052	959	547	258	150	152	81	42	2 094	48.6
Private household workers	12 551	10 413	1 899	106	54	23	14	18	24	–	1 205	42.0

Table 177. Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 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	Persons with earnings										Median earnings (dollars)	Percent worked 50 to 52 weeks
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more		
Female experienced civilian labor force—Continued												
Entertainment and recreation services	**2 573**	**1 278**	**628**	**276**	**172**	**115**	**49**	**24**	**13**	**18**	**2 027**	**40.5**
Professional, technical, and kindred workers	374	145	65	43	41	47	24	9	–	–	3 292	34.8
Managers and administrators, except farm	336	127	52	63	25	34	10	15	5	5	3 577	53.3
Sales workers	156	116	28	6	6	–	–	–	–	–	1 345	15.4
Clerical and kindred workers	746	350	201	105	46	27	4	–	–	13	2 229	47.3
Craftsmen and kindred workers	25	8	7	10	–	–	–	–	–	–	...	...
Operatives, except transport	12	–	7	5	–	–	–	–	–	–	...	...
Transport equipment operatives	8	8	–	–	–	–	–	–	–	–	...	–
Laborers, except farm	18	13	5	–	–	–	–	–	–	–	...	...
Service workers, except private household	898	511	263	44	54	7	11	–	8	–	1 757	35.7
Professional and related services	**109 508**	**34 502**	**31 552**	**10 810**	**9 303**	**10 164**	**6 464**	**4 121**	**1 936**	**656**	**3 284**	**45.5**
Professional, technical, and kindred workers	43 054	7 214	7 262	3 245	5 857	8 290	5 735	3 472	1 524	455	5 650	40.9
Managers and administrators, except farm	2 682	326	643	334	249	288	179	271	292	100	5 153	68.2
Sales workers	326	181	70	29	9	–	16	5	5	11	1 801	35.9
Clerical and kindred workers	26 368	9 739	8 362	4 280	2 125	1 113	394	245	82	28	2 824	50.4
Craftsmen and kindred workers	374	151	115	53	18	16	12	–	5	4	2 626	46.5
Operatives, except transport	964	363	458	98	31	6	3	5	–	–	2 520	55.0
Transport equipment operatives	47	24	15	–	–	8	–	–	–	–	...	...
Laborers, except farm	195	111	36	18	30	–	–	–	–	–	1 757	33.3
Service workers, except private household	35 498	16 393	14 591	2 753	984	443	125	123	28	58	2 186	45.7
Public administration	**19 676**	**2 669**	**3 047**	**2 658**	**3 413**	**3 513**	**1 951**	**1 610**	**733**	**82**	**5 429**	**76.8**
Professional, technical, and kindred workers	1 706	116	174	77	153	258	324	378	193	33	7 231	85.8
Managers and administrators, except farm	1 518	133	192	219	164	226	147	275	145	17	6 226	83.3
Sales workers	77	16	27	10	6	6	12	–	–	–	...	...
Clerical and kindred workers	13 470	1 873	2 115	2 102	2 512	2 377	1 247	874	349	21	5 257	75.1
Craftsmen and kindred workers	900	43	90	46	179	323	132	54	27	6	6 285	83.3
Operatives, except transport	666	48	81	74	235	146	63	6	8	5	5 553	85.9
Transport equipment operatives	17	–	13	4	–	–	–	–	–	–	...	...
Laborers, except farm	441	70	71	51	110	121	11	7	–	–	5 259	80.3
Service workers, except private household	881	370	284	75	54	56	15	16	11	–	2 496	60.0

Table 178. Occupational and Geographic Mobility Between 1965 and 1970 by Race and Sex: 1970

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

The State	Persons 25 years old and over	Occupation of workers in 1965: Total working[1]	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Farmers and farm managers	Farm laborers and farm foremen	Service workers, except private household	Private household workers	Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported
TOTAL															
Total															
Male	**667 217**	**484 178**	**57 399**	**60 353**	**32 832**	**26 527**	**103 686**	**80 905**	**24 472**	**27 847**	**9 963**	**25 173**	**326**	**32 905**	**150 134**
Employed in 1970	482 336	422 559	53 512	54 092	29 684	23 319	89 915	70 802	20 023	23 891	7 455	20 537	173	19 894	39 883
Professional, technical, and kindred workers	69 894	59 184	45 627	2 408	999	1 327	2 104	1 400	417	199	104	674	-	3 261	7 449
Managers and administrators, except farm	69 689	64 867	3 440	42 117	4 694	2 001	3 306	3 080	727	451	178	656	-	1 826	2 996
Sales workers	32 363	28 659	751	2 397	19 415	757	1 104	1 512	476	227	38	376	-	1 292	2 412
Clerical and kindred workers	29 508	25 428	793	1 645	994	16 146	1 232	1 494	697	102	118	380	-	1 994	2 086
Craftsmen and kindred workers	110 422	99 014	1 321	2 331	1 258	1 087	72 714	8 024	2 790	984	585	1 309	-	4 401	7 007
Operatives, including transport	83 175	72 623	721	1 591	1 406	1 001	5 947	49 970	3 055	1 153	1 017	1 551	-	3 913	6 639
Laborers, except farm	23 300	19 120	281	441	227	407	1 289	2 450	10 359	558	652	715	52	1 145	3 035
Farmers and farm managers	27 084	23 234	146	295	176	179	390	386	267	19 201	550	126	-	276	3 574
Farm laborers and farm foremen	8 278	6 650	71	138	-	98	329	577	345	692	3 770	220	-	355	1 273
Service workers, except private household	28 326	23 545	339	729	515	316	1 472	1 909	863	324	443	14 516	-	1 431	3 350
Private household workers	297	235	22	-	-	-	28	-	27	-	-	14	121	-	62
Unemployed	12 172	9 148	486	712	407	256	2 515	2 449	870	80	193	395	34	688	2 336
Armed Forces	13 746	1 703	178	123	121	354	275	184	42	-	21	100	-	10 220	1 823
Not in labor force	158 963	50 768	3 223	5 426	2 620	2 598	10 981	7 470	3 537	3 876	2 294	4 141	119	2 103	106 092
Female	**754 881**	**250 114**	**37 817**	**14 847**	**19 058**	**74 423**	**4 453**	**20 292**	**2 046**	**1 633**	**858**	**46 299**	**9 822**	**732**	**504 035**
Employed in 1970	276 470	180 637	29 158	11 329	13 313	55 399	3 369	13 735	1 423	1 270	465	31 696	6 466	472	95 361
Professional, technical, and kindred workers	43 439	31 189	25 739	441	267	1 494	19	302	-	-	24	647	161	98	12 152
Managers and administrators, except farm	15 424	12 061	563	7 502	741	1 500	145	194	64	23	-	550	69	35	3 328
Sales workers	22 865	13 795	232	615	9 430	1 182	67	374	171	18	44	730	77	27	9 043
Clerical and kindred workers	88 496	61 179	1 436	1 614	1 470	48 914	271	988	183	40	42	1 776	233	46	27 271
Craftsmen and kindred workers	5 905	4 335	62	169	59	207	2 670	444	32	26	11	289	16	77	1 493
Operatives, including transport	25 502	14 627	113	229	584	626	99	10 138	125	13	41	1 143	266	57	10 818
Laborers, except farm	2 374	1 373	22	28	74	206	-	121	639	-	39	104	-	-	1 001
Farmers and farm managers	1 189	999	34	-	-	57	-	-	-	785	25	39	-	-	190
Farm laborers and farm foremen	976	605	21	-	16	18	-	33	-	279	179	16	-	-	371
Service workers, except private household	58 099	33 911	832	649	650	1 074	98	1 060	166	24	60	25 768	610	113	24 075
Private household workers	12 201	6 563	104	82	22	121	-	81	43	62	-	634	5 034	19	5 619
Unemployed	10 595	4 457	284	168	305	1 300	165	701	20	-	17	882	133	-	6 138
Armed Forces	242	55	-	-	-	-	-	-	-	-	-	20	-	83	104
Not in labor force	467 574	64 965	8 375	3 350	5 440	17 724	919	5 856	603	363	376	13 701	3 223	177	402 432
Negro															
Male	**34 423**	**19 486**	**996**	**544**	**320**	**738**	**2 799**	**3 650**	**3 352**	**281**	**695**	**3 809**	**162**	**2 533**	**12 404**
Employed in 1970	20 107	15 563	907	425	240	603	2 274	3 039	2 689	194	499	2 917	101	1 273	3 271
Professional, technical, and kindred workers	1 500	1 109	780	14	-	44	94	-	39	-	-	79	-	123	268
Managers and administrators, except farm	761	667	46	290	19	-	-	104	99	-	-	41	-	71	23
Sales workers	405	213	-	23	141	-	-	-	19	-	-	30	-	63	129
Clerical and kindred workers	962	727	-	44	-	401	22	-	63	-	-	86	-	134	101
Craftsmen and kindred workers	3 245	2 523	43	-	-	38	1 709	217	210	-	41	114	-	211	511
Operatives, including transport	4 953	3 970	16	25	68	21	254	2 343	330	37	21	301	-	287	696
Laborers, except farm	3 636	2 805	-	-	12	69	121	233	1 782	27	97	162	25	141	690
Farmers and farm managers	203	171	-	-	-	-	-	28	-	118	-	25	-	18	14
Farm laborers and farm foremen	697	423	-	29	-	-	23	19	-	12	304	-	-	22	252
Service workers, except private household	3 634	2 865	22	-	-	30	51	95	147	-	36	2 065	-	203	566
Private household workers	111	90	-	-	-	-	-	-	-	-	-	14	76	-	21
Unemployed	867	601	21	-	-	-	145	154	116	-	16	80	-	23	243
Armed Forces	1 421	237	-	19	38	63	38	60	-	-	-	-	-	1 067	117
Not in labor force	12 028	3 085	68	100	42	72	342	397	547	87	180	812	61	170	8 773
Female	**43 603**	**16 474**	**1 827**	**430**	**184**	**1 094**	**132**	**1 010**	**260**	**40**	**174**	**4 799**	**5 026**	**63**	**27 126**
Employed in 1970	18 374	12 076	1 537	341	55	950	72	726	213	22	72	3 521	3 476	40	6 258
Professional, technical, and kindred workers	2 396	1 698	1 362	18	16	-	-	-	-	-	-	105	48	-	698
Managers and administrators, except farm	335	258	-	188	-	49	-	-	-	-	-	-	-	-	77
Sales workers	235	119	23	-	-	-	-	-	25	-	-	14	37	-	116
Clerical and kindred workers	1 995	1 279	19	56	-	804	-	20	27	-	-	160	132	-	716
Craftsmen and kindred workers	226	226	18	-	-	20	72	28	-	-	11	40	-	-	-
Operatives, including transport	1 663	1 053	-	-	22	21	-	592	-	-	-	159	123	-	610
Laborers, except farm	216	180	-	-	-	-	-	-	141	-	39	-	-	-	36
Farmers and farm managers	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	46	22	-	-	-	-	-	-	-	-	22	-	-	-	24
Service workers, except private household	5 985	3 760	115	54	17	56	-	86	-	-	-	2 828	191	21	2 204
Private household workers	5 264	3 468	-	25	-	-	-	-	20	22	-	215	2 945	19	1 777
Unemployed	1 129	309	18	-	-	47	18	-	-	-	-	91	95	-	820
Armed Forces	23	-	-	-	-	-	-	-	-	-	-	-	-	23	-
Not in labor force	24 077	4 029	272	89	129	97	42	284	47	18	102	1 187	1 455	-	20 048

[1]Includes "Occupation not reported" not shown separately.

Table 178. Occupational and Geographic Mobility Between 1965 and 1970 by Race and Sex: 1970—Continued

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

The State	Persons 25 years old and over	Occupation of workers in 1965: Total working[1]	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Farmers and farm managers	Farm laborers and farm foremen	Service workers, except private household	Private household workers	Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported
TOTAL—Continued															
Spanish Origin or Descent															
Male	**10 422**	**8 228**	**652**	**695**	**645**	**428**	**1 660**	**1 473**	**570**	**273**	**441**	**601**	**20**	**734**	**1 460**
Employed in 1970	8 102	7 336	629	673	626	393	1 479	1 377	454	191	355	459	20	359	407
Professional, technical, and kindred workers	995	839	521	22	–	41	–	38	27	–	–	21	–	58	98
Managers and administrators, except farm	1 146	1 108	68	568	161	57	46	106	–	–	–	19	–	–	38
Sales workers	451	435	–	19	364	–	–	17	–	–	–	–	–	16	–
Clerical and kindred workers	473	406	23	23	28	217	42	32	–	–	–	–	–	20	47
Craftsmen and kindred workers	1 976	1 794	–	23	41	57	1 352	178	37	23	19	–	–	95	87
Operatives, including transport	1 428	1 318	–	18	19	–	19	931	141	–	24	36	–	94	16
Laborers, except farm	384	283	–	–	–	–	20	29	182	–	16	–	–	58	43
Farmers and farm managers	260	236	–	–	–	–	–	23	–	168	22	–	–	–	24
Farm laborers and farm foremen	302	302	–	–	–	–	–	23	–	–	256	–	–	–	–
Service workers, except private household	667	595	17	–	13	21	–	–	67	–	18	383	–	18	54
Private household workers	20	20	–	–	–	–	–	–	–	–	–	–	20	–	–
Unemployed	138	118	23	–	–	–	53	–	–	–	–	20	–	–	20
Armed Forces	457	61	–	–	19	–	21	21	–	–	–	–	–	375	21
Not in labor force	1 725	713	–	22	–	35	107	75	116	82	86	122	–	–	1 012
Female	**11 597**	**4 176**	**334**	**246**	**263**	**1 324**	**76**	**438**	**41**	–	**18**	**1 067**	**96**	**16**	**7 405**
Employed in 1970	4 581	3 046	292	194	213	1 050	76	266	41	–	–	665	37	–	1 535
Professional, technical, and kindred workers	355	276	211	–	19	–	–	–	–	–	–	20	26	–	79
Managers and administrators, except farm	284	244	–	162	40	42	–	–	–	–	–	–	–	–	40
Sales workers	280	113	–	–	93	–	–	–	20	–	–	–	–	–	167
Clerical and kindred workers	1 593	1 154	41	–	24	970	–	22	–	–	–	23	–	–	439
Craftsmen and kindred workers	165	98	–	–	–	–	76	22	–	–	–	–	–	–	67
Operatives, including transport	606	404	–	–	20	19	–	196	–	–	–	51	–	–	202
Laborers, except farm	27	8	–	8	–	–	–	–	–	–	–	–	–	–	19
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household	1 219	715	40	24	17	19	–	26	21	–	–	548	–	–	504
Private household workers	52	34	–	–	–	–	–	–	–	–	–	23	11	–	18
Unemployed	237	107	–	–	–	24	–	56	–	–	–	27	–	–	130
Armed Forces	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Not in labor force	6 779	1 023	42	52	50	250	–	116	–	–	18	375	59	16	5 740
RESIDED SAME STATE 5 YEARS AGO															
Male	**571 548**	**432 073**	**47 756**	**53 837**	**29 151**	**23 835**	**93 849**	**71 915**	**21 862**	**27 082**	**8 631**	**22 992**	**288**	**13 339**	**126 136**
Employed in 1970	417 175	379 542	44 648	48 409	26 305	21 173	81 988	63 793	17 956	23 363	6 540	18 990	173	9 385	28 248
Professional, technical, and kindred workers	55 123	49 208	38 620	1 591	941	1 003	1 640	1 117	267	178	42	588	–	1 241	4 674
Managers and administrators, except farm	60 785	57 593	2 703	38 389	3 648	1 713	2 905	2 761	632	392	154	511	–	1 021	2 171
Sales workers	28 174	25 918	611	2 209	17 875	625	956	1 210	424	227	38	283	–	569	1 687
Clerical and kindred workers	25 704	23 298	536	1 518	851	15 282	1 025	1 347	618	102	56	363	–	826	1 580
Craftsmen and kindred workers	97 423	90 574	976	2 051	982	910	67 609	7 024	2 421	907	437	1 102	–	1 968	4 881
Operatives, including transport	71 568	65 076	504	1 358	1 220	821	4 881	45 948	2 522	1 119	735	1 380	–	2 133	4 359
Laborers, except farm	19 977	17 205	261	318	227	305	1 124	2 008	9 695	518	592	557	52	557	2 215
Farmers and farm managers	25 813	22 532	100	271	116	161	288	366	232	18 925	510	126	–	191	3 090
Farm laborers and farm foremen	7 164	6 125	49	94	–	80	294	456	269	692	3 635	168	–	152	887
Service workers, except private household	25 170	21 801	266	610	445	273	1 238	1 556	849	303	341	13 898	–	727	2 642
Private household workers	274	212	22	–	–	–	28	–	27	–	–	14	121	–	62
Unemployed	9 662	7 430	352	532	368	199	2 162	1 886	722	60	160	348	34	486	1 746
Armed Forces	3 243	472	85	–	19	107	42	83	–	–	–	37	–	2 538	233
Not in labor force	141 468	44 629	2 671	4 896	2 459	2 356	9 657	6 153	3 184	3 659	1 931	3 617	81	930	95 909
Female	**662 807**	**224 385**	**33 032**	**13 610**	**17 559**	**66 261**	**4 104**	**18 026**	**1 880**	**1 614**	**697**	**41 960**	**9 099**	**511**	**437 911**
Employed in 1970	245 998	166 857	26 301	10 672	12 730	51 084	3 102	12 662	1 314	1 270	386	29 331	6 054	371	78 770
Professional, technical, and kindred workers	37 539	28 160	23 383	394	246	1 308	19	261	–	–	24	556	91	78	9 301
Managers and administrators, except farm	14 120	11 291	468	7 244	635	1 349	120	149	64	23	–	460	69	35	2 794
Sales workers	20 466	13 140	192	540	9 248	1 027	67	307	171	18	44	610	77	–	7 326
Clerical and kindred workers	79 303	56 293	1 130	1 395	1 349	45 535	271	877	138	40	20	1 577	204	46	22 964
Craftsmen and kindred workers	5 300	4 005	62	169	59	170	2 483	338	32	26	11	289	16	38	1 257
Operatives, including transport	22 724	13 592	113	207	497	515	84	9 691	77	13	23	988	247	42	9 090
Laborers, except farm	2 110	1 291	22	28	74	164	–	81	639	–	39	104	–	–	819
Farmers and farm managers	1 189	999	34	–	–	57	–	–	–	785	25	39	–	–	190
Farm laborers and farm foremen	898	587	21	–	16	–	–	33	–	279	179	16	–	–	311
Service workers, except private household	51 291	31 269	791	613	606	858	58	867	150	24	21	24 058	549	113	19 909
Private household workers	11 058	6 230	85	82	–	101	–	58	43	62	–	634	4 801	19	4 809
Unemployed	8 607	3 724	201	54	210	1 100	165	637	20	–	17	771	133	–	4 883
Armed Forces	133	55	–	–	–	–	–	–	–	–	–	20	–	17	61
Not in labor force	408 069	53 749	6 530	2 884	4 619	14 077	837	4 727	546	344	294	11 838	2 912	123	354 197

[1]Includes "Occupation not reported" not shown separately.

Table 178. Occupational and Geographic Mobility Between 1965 and 1970 by Race and Sex: 1970—Continued

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

The State	Persons 25 years old and over	Occupation of workers in 1965: Total working[1]	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Farmers and farm managers	Farm laborers and farm foremen	Service workers, except private household	Private household workers	Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported
RESIDED DIFFERENT STATE 5 YEARS AGO															
Male	**95 669**	**52 105**	**9 643**	**6 516**	**3 681**	**2 692**	**9 837**	**8 990**	**2 610**	**765**	**1 332**	**2 181**	**38**	**19 566**	**23 998**
Employed in 1970	65 161	43 017	8 864	5 683	3 379	2 146	7 927	7 009	2 067	528	915	1 547	–	10 509	11 635
Professional, technical, and kindred workers	14 771	9 976	7 007	817	58	324	464	283	150	21	62	86	–	2 020	2 775
Managers and administrators, except farm	8 904	7 274	737	3 728	1 046	288	401	319	95	59	24	145	–	805	825
Sales workers	4 189	2 741	140	188	1 540	132	148	302	52	–	–	93	–	723	725
Clerical and kindred workers	3 804	2 130	257	127	143	864	207	147	79	–	62	17	–	1 168	506
Craftsmen and kindred workers	12 999	8 440	345	280	276	177	5 105	1 000	369	77	148	207	–	2 433	2 126
Operatives, including transport	11 607	7 547	217	233	186	180	1 066	4 022	533	34	282	171	–	1 780	2 280
Laborers, except farm	3 323	1 915	20	123	–	102	165	442	664	40	60	158	–	588	820
Farmers and farm managers	1 271	702	46	24	60	18	102	20	35	276	40	–	–	85	484
Farm laborers and farm foremen	1 114	525	22	44	–	18	35	121	76	–	135	52	–	203	386
Service workers, except private household	3 156	1 744	73	119	70	43	234	353	14	21	102	618	–	704	708
Private household workers	23	23	–	–	–	–	–	–	–	–	–	–	–	–	–
Unemployed	2 510	1 718	134	180	39	57	353	563	148	20	33	47	–	202	590
Armed Forces	10 503	1 231	93	123	102	247	233	101	42	–	21	63	–	7 682	1 590
Not in labor force	17 495	6 139	552	530	161	242	1 324	1 317	353	217	363	524	38	1 173	10 183
Female	**92 074**	**25 729**	**4 785**	**1 237**	**1 499**	**8 162**	**349**	**2 266**	**166**	**19**	**161**	**4 339**	**723**	**221**	**66 124**
Employed in 1970	30 472	13 780	2 857	657	583	4 315	267	1 073	109	–	79	2 365	412	101	16 591
Professional, technical, and kindred workers	5 900	3 029	2 356	47	21	186	–	41	–	–	–	91	70	20	2 851
Managers and administrators, except farm	1 304	770	95	258	106	151	25	45	–	–	–	90	–	–	534
Sales workers	2 399	655	40	75	182	155	–	67	–	–	–	120	–	27	1 717
Clerical and kindred workers	9 193	4 886	306	219	121	3 379	–	111	45	–	22	199	29	–	4 307
Craftsmen and kindred workers	605	330	–	–	–	37	187	106	–	–	–	–	–	39	236
Operatives, including transport	2 778	1 035	–	22	87	111	15	447	48	–	18	155	19	15	1 728
Laborers, except farm	264	82	–	–	–	42	–	40	–	–	–	–	–	–	182
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	78	18	–	–	–	18	–	–	–	–	–	–	–	–	60
Service workers, except private household	6 808	2 642	41	36	44	216	40	193	16	–	39	1 710	61	–	4 166
Private household workers	1 143	333	19	–	22	20	–	23	–	–	–	–	233	–	810
Unemployed	1 988	733	83	114	95	200	–	64	–	–	–	111	–	–	1 255
Armed Forces	109	–	–	–	–	–	–	–	–	–	–	–	–	66	43
Not in labor force	59 505	11 216	1 845	466	821	3 647	82	1 129	57	19	82	1 863	311	54	48 235

[1]Includes "Occupation not reported" not shown separately.

Table 179. Occupation of Employed Persons by Education, Race, and Sex: 1970

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

The State

	Total	Years of school completed: Elementary, 8 years or less	High school: 1 to 3 years	High school: 4 years	College: 1 to 3 years	College: 4 years or more
TOTAL						
Male employed, 16 years old and over	**580 312**	**108 066**	**118 382**	**184 313**	**90 030**	**79 521**
Professional, technical, and kindred workers	78 864	1 713	3 351	12 759	16 118	44 923
Engineers	11 983	223	432	1 897	2 203	7 228
Lawyers and judges	3 312	16	20	62	137	3 077
Life and physical scientists	2 798	36	36	125	181	2 420
Physicians, dentists, and related practitioners	5 910	46	31	197	352	5 284
Health workers, except practitioners	1 728	48	124	461	505	590
Social and recreation workers	1 193	53	37	114	285	704
Teachers	13 187	64	169	569	974	11 411
Technicians, except health	10 613	302	896	4 422	3 949	1 044
Writers, artists, and entertainers	4 768	133	529	1 063	1 471	1 572
Other professional, technical, and kindred workers	23 372	792	1 077	3 849	6 061	11 593
Managers and administrators, except farm	73 079	7 160	9 458	23 454	16 174	16 833
Salaried	54 378	3 619	5 796	17 177	12 869	14 917
Manufacturing	7 105	339	699	2 051	1 677	2 339
Retail trade	13 135	1 061	1 771	5 308	3 391	1 604
All other industries	34 138	2 219	3 326	9 818	7 801	10 974
Self-employed	18 701	3 541	3 662	6 277	3 305	1 916
Retail trade	9 476	1 818	1 920	3 348	1 642	748
All other industries	9 225	1 723	1 742	2 929	1 663	1 168
Sales workers	38 480	3 100	6 068	13 402	9 626	6 284
Manufacturing and wholesale trade	12 040	792	1 770	4 281	3 037	2 160
Retail trade	15 813	1 799	3 304	5 819	3 744	1 147
All other industries	10 627	509	994	3 302	2 845	2 977
Clerical and kindred workers	40 102	2 764	5 898	16 219	11 114	4 107
Bookkeepers and billing clerks	3 239	167	287	1 269	1 099	417
Mail handlers and postal clerks	6 281	361	885	2 994	1 717	324
Other clerical and kindred workers	30 582	2 236	4 726	11 956	8 298	3 366
Craftsmen and kindred workers	125 340	29 646	30 643	48 437	13 877	2 737
Carpenters	12 373	4 189	3 169	4 022	899	94
Construction craftsmen, except carpenters	24 556	7 513	6 704	8 119	2 043	177
Automobile mechanics, including body repairmen	12 741	3 261	3 971	4 295	1 097	117
Mechanics and repairmen, except auto	24 229	4 461	5 027	10 964	3 327	450
Machinists	4 955	761	1 210	2 351	563	70
Metal craftsmen, except mechanics and machinists	4 223	809	1 069	1 897	423	25
Foremen, n.e.c	15 083	2 604	3 199	5 875	2 290	1 115
Other craftsmen and kindred workers	27 180	6 048	6 294	10 914	3 235	689
Operatives, except transport	69 346	15 773	19 747	26 091	6 969	766
Assemblers	3 962	824	1 112	1 547	434	45
Garage workers and gas station attendants	7 414	1 407	3 202	1 944	799	62
Laundry and drycleaning operatives, including ironers	1 220	332	361	372	145	10
Precision machine operatives	3 082	670	762	1 372	249	29
Other operatives, except transport	53 668	12 540	14 310	20 856	5 342	620
Durable goods, manufacturing	19 697	4 704	5 032	7 998	1 797	166
Nondurable goods, including not specified manufacturing	10 007	2 147	2 464	4 081	1 221	94
Nonmanufacturing industries	23 964	5 689	6 814	8 777	2 324	360
Transport equipment operatives	36 168	10 369	11 077	11 512	2 811	399
Truck drivers	21 322	6 766	6 633	6 567	1 206	150
Other transport equipment operatives	14 846	3 603	4 444	4 945	1 605	249
Laborers, except farm	35 866	11 086	11 253	9 530	3 445	552
Construction laborers	8 769	3 148	2 423	2 377	701	120
Freight, stock, and material handlers	12 648	2 201	4 803	3 928	1 537	179
Other laborers, except farm	14 449	5 737	4 027	3 225	1 207	253
Manufacturing industries	3 621	1 320	979	997	291	34
Farmers and farm managers	28 938	10 616	5 088	8 684	2 866	1 684
Farm laborers and farm foremen	12 235	4 897	3 228	2 619	1 214	277
Service workers, except private household[1]	41 489	10 797	12 483	11 488	5 775	946
Cleaning service workers	15 594	5 643	4 789	3 403	1 597	162
Food service workers	8 135	1 250	3 842	1 591	1 273	179
Health service workers	1 507	264	341	481	324	97
Personal service workers	4 669	1 074	1 265	1 419	740	171
Protective service workers	8 985	1 630	1 434	4 012	1 622	287
Private household workers	405	145	88	118	41	13
Female employed, 16 years old and over	**347 719**	**41 563**	**72 068**	**143 307**	**53 438**	**37 343**
Professional, technical, and kindred workers	51 788	1 310	2 723	9 443	9 615	28 697
Registered nurses	8 255	566	871	2 988	2 774	1 056
Health workers, except nurses	3 463	133	301	1 085	750	1 194
Teachers, elementary and secondary schools	22 022	117	171	841	1 344	19 549
Technicians, except health	1 140	50	106	514	316	154
Other professional, technical, and kindred workers	16 908	444	1 274	4 015	4 431	6 744
Managers and administrators, except farm	15 958	1 624	2 758	7 029	2 947	1 600
Salaried	10 820	731	1 659	4 955	2 251	1 224
Self-employed	5 138	893	1 099	2 074	696	376
Sales workers	28 151	2 798	7 591	12 675	4 122	965
Retail trade	23 283	2 508	6 721	10 372	3 049	633
Clerical and kindred workers	117 777	3 308	15 239	66 489	27 849	4 892
Bookkeepers and cashiers	27 342	1 085	5 013	15 522	4 939	783
Office machine operators	4 865	90	399	3 311	958	107
Secretaries, stenographers, and typists	39 885	274	2 745	22 672	12 233	1 961
Other clerical and kindred workers	45 685	1 859	7 082	24 984	9 719	2 041
Craftsmen and kindred workers	6 574	1 119	1 686	2 999	642	128
Operatives, except transport	31 179	6 567	10 445	12 599	1 418	150
Sewers and stitchers	5 808	1 150	1 939	2 503	211	5
Laundry and drycleaning operatives, including ironers	3 612	1 295	1 214	966	131	6
Other operatives, except transport	21 759	4 122	7 292	9 130	1 076	139
Durable goods, manufacturing	9 505	1 370	3 335	4 300	445	55
Nondurable goods, including not specified manufacturing	6 034	1 349	2 076	2 374	203	32
Nonmanufacturing industries	6 220	1 403	1 881	2 456	428	52
Transport equipment operatives	1 122	231	392	374	115	10
Laborers, except farm	2 890	517	1 035	1 082	221	35
Farmers and farm managers	1 380	482	264	416	166	52
Farm laborers and farm foremen	1 317	358	390	439	88	42
Service workers, except private household[1]	75 822	17 535	25 394	26 773	5 481	639
Cleaning service workers	7 202	2 674	2 328	1 879	288	33
Food service workers	31 022	7 662	12 163	9 425	1 664	108
Health service workers	18 026	3 414	5 562	7 107	1 729	214
Practical nurses	2 908	351	758	1 346	436	17
Personal service workers	13 477	1 652	3 761	6 395	1 470	199
Protective service workers	285	30	54	166	29	6
Private household workers	13 761	5 714	4 151	2 989	774	133

[1]Includes allocated cases not shown separately.

Table 179. **Occupation of Employed Persons by Education, Race, and Sex: 1970**—Continued

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

The State

	Total	Years of school completed				
		Elementary, 8 years or less	High school		College	
			1 to 3 years	4 years	1 to 3 years	4 years or more
NEGRO						
Male employed, 16 years old and over	**24 840**	**6 497**	**6 586**	**7 594**	**2 717**	**1 446**
Professional, technical, and kindred workers	1 697	74	100	246	418	859
Engineers	103	8	5	37	9	44
Lawyers and judges	10	–	4	–	–	6
Life and physical scientists	13	–	–	–	4	9
Physicians, dentists, and related practitioners	86	4	–	–	–	82
Health workers, except practitioners	100	6	14	29	33	18
Social and recreation workers	84	8	–	–	42	34
Teachers	454	–	4	25	42	383
Technicians, except health	207	7	21	48	99	32
Writers, artists, and entertainers	133	–	25	48	26	34
Other professional, technical, and kindred workers	507	41	27	59	163	217
Managers and administrators, except farm	903	117	190	248	153	195
Salaried	670	74	116	202	106	172
Manufacturing	51	5	6	28	7	5
Retail trade	183	38	29	72	24	20
All other industries	436	31	81	102	75	147
Self-employed	233	43	74	46	47	23
Retail trade	132	27	47	25	23	10
All other industries	101	16	27	21	24	13
Sales workers	400	51	58	158	84	49
Manufacturing and wholesale trade	87	25	12	25	15	10
Retail trade	170	22	31	76	35	6
All other industries	143	4	15	57	34	33
Clerical and kindred workers	1 610	124	333	616	428	109
Bookkeepers and billing clerks	35	–	19	–	16	–
Mail handlers and postal clerks	329	5	53	150	96	25
Other clerical and kindred workers	1 246	119	261	466	316	84
Craftsmen and kindred workers	3 737	937	822	1 502	419	57
Carpenters	207	80	39	71	7	10
Construction craftsmen, except carpenters	725	206	205	257	48	9
Automobile mechanics, including body repairmen	660	196	183	240	37	4
Mechanics and repairmen, except auto	747	152	118	334	132	11
Machinists	149	4	27	79	39	–
Metal craftsmen, except mechanics and machinists	73	21	13	26	13	–
Foremen, n.e.c	204	16	53	98	27	10
Other craftsmen and kindred workers	972	262	184	397	116	13
Operatives, except transport	3 901	878	1 164	1 429	384	46
Assemblers	186	37	44	76	29	–
Garage workers and gas station attendants	385	114	157	99	15	–
Laundry and drycleaning operatives, including ironers	235	40	102	58	35	–
Precision machine operatives	117	15	31	55	16	–
Other operatives, except transport	2 978	672	830	1 141	289	46
Durable goods, manufacturing	1 256	258	265	571	148	14
Nondurable goods, including not specified manufacturing	726	174	264	215	68	5
Nonmanufacturing industries	996	240	301	355	73	27
Transport equipment operatives	1 923	511	657	618	122	15
Truck drivers	955	291	302	291	66	5
Other transport equipment operatives	968	220	355	327	56	10
Laborers, except farm	4 258	1 531	1 258	1 176	266	27
Construction laborers	1 043	442	287	258	47	9
Freight, stock, and material handlers	1 104	238	370	376	102	18
Other laborers, except farm	2 111	851	601	542	117	–
Manufacturing industries	387	151	113	86	37	–
Farmers and farm managers	297	179	72	43	3	–
Farm laborers and farm foremen	646	380	166	83	11	6
Service workers, except private household[1]	5 320	1 655	1 741	1 422	423	79
Cleaning service workers	2 961	995	914	805	220	27
Food service workers	1 156	229	520	296	88	23
Health service workers	161	37	47	55	8	14
Personal service workers	289	78	77	89	45	–
Protective service workers	243	80	31	91	36	5
Private household workers	148	60	25	53	6	4
Female employed, 16 years old and over	**23 027**	**4 463**	**6 321**	**7 683**	**2 678**	**1 882**
Professional, technical, and kindred workers	2 688	75	205	389	532	1 487
Registered nurses	291	24	28	97	91	51
Health workers, except nurses	226	19	30	85	54	38
Teachers, elementary and secondary schools	1 247	9	42	66	100	1 030
Technicians, except health	63	–	–	19	38	6
Other professional, technical, and kindred workers	861	23	105	122	249	362
Managers and administrators, except farm	364	45	49	143	53	74
Salaried	247	16	15	112	33	71
Self-employed	117	29	34	31	20	3
Sales workers	413	30	107	225	51	–
Retail trade	333	30	73	192	38	–
Clerical and kindred workers	3 441	107	586	1 548	1 005	195
Bookkeepers and cashiers	348	22	81	143	88	14
Office machine operators	176	–	5	107	53	11
Secretaries, stenographers, and typists	903	9	138	384	320	52
Other clerical and kindred workers	2 014	76	362	914	544	118
Craftsmen and kindred workers	328	66	45	178	33	6
Operatives, except transport	2 383	335	673	1 121	249	5
Sewers and stitchers	228	23	71	108	26	–
Laundry and drycleaning operatives, including ironers	482	141	164	144	33	–
Other operatives, except transport	1 673	171	438	869	190	5
Durable goods, manufacturing	956	38	209	575	129	5
Nondurable goods, including not specified manufacturing	353	88	123	123	19	–
Nonmanufacturing industries	364	45	106	171	42	–
Transport equipment operatives	47	14	19	4	10	–
Laborers, except farm	302	92	83	93	34	–
Farmers and farm managers	6	6	–	–	–	–
Farm laborers and farm foremen	37	–	6	31	–	–
Service workers, except private household[1]	7 669	1 478	2 747	2 863	508	73
Cleaning service workers	1 709	473	645	528	57	6
Food service workers	2 113	441	882	667	116	7
Health service workers	2 236	178	678	1 157	206	17
Practical nurses	344	23	54	222	45	–
Personal service workers	832	144	288	279	112	9
Protective service workers	15	–	5	10	–	–
Private household workers	5 349	2 215	1 801	1 088	203	42

[1]Includes allocated cases not shown separately.

Table 179. **Occupation of Employed Persons by Education, Race, and Sex: 1970**—Continued

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

The State

	Total	Years of school completed				
		Elementary, 8 years or less	High school		College	
			1 to 3 years	4 years	1 to 3 years	4 years or more
PERSONS OF SPANISH LANGUAGE						
Male employed, 16 years old and over	**6 963**	**1 800**	**1 438**	**1 741**	**957**	**1 027**
Professional, technical, and kindred workers	1 049	13	10	237	192	597
Engineers	141	–	–	22	8	111
Lawyers and judges	50	–	–	11	–	39
Life and physical scientists	37	–	–	–	–	37
Physicians, dentists, and related practitioners	71	7	–	6	5	53
Health workers, except practitioners	56	–	–	30	13	13
Social and recreation workers	28	–	–	8	13	7
Teachers	157	–	–	7	–	150
Technicians, except health	188	–	10	94	66	18
Writers, artists, and entertainers	80	6	–	38	19	17
Other professional, technical, and kindred workers	241	–	–	21	68	152
Managers and administrators, except farm	650	90	75	156	132	197
Salaried	529	54	50	145	116	164
Manufacturing	38	–	–	–	6	32
Retail trade	195	24	32	76	33	30
All other industries	296	30	18	69	77	102
Self-employed	121	36	25	11	16	33
Retail trade	71	13	25	11	9	13
All other industries	50	23	–	–	7	20
Sales workers	289	21	71	43	75	79
Manufacturing and wholesale trade	118	13	21	22	19	43
Retail trade	112	–	29	21	47	15
All other industries	59	8	21	–	9	21
Clerical and kindred workers	500	64	61	190	139	46
Bookkeepers and billing clerks	26	–	–	6	14	6
Mail handlers and postal clerks	40	–	9	6	18	7
Other clerical and kindred workers	434	64	52	178	107	33
Craftsmen and kindred workers	1 418	376	374	466	133	69
Carpenters	134	35	50	27	22	–
Construction craftsmen, except carpenters	281	117	59	105	–	–
Automobile mechanics, including body repairmen	135	22	58	39	9	7
Mechanics and repairmen, except auto	313	57	83	121	21	31
Machinists	42	6	7	23	–	6
Metal craftsmen, except mechanics and machinists	30	16	–	7	7	–
Foremen, n.e.c	119	40	6	37	19	17
Other craftsmen and kindred workers	364	83	111	107	55	8
Operatives, except transport	1 036	374	293	291	78	–
Assemblers	29	8	–	21	–	–
Garage workers and gas station attendants	80	7	45	12	16	–
Laundry and drycleaning operatives, including ironers	28	8	6	8	6	–
Precision machine operatives	60	26	14	20	–	–
Other operatives, except transport	839	325	228	230	56	–
Durable goods, manufacturing	287	56	89	121	21	–
Nondurable goods, including not specified manufacturing	187	97	63	22	5	–
Nonmanufacturing industries	365	172	76	87	30	–
Transport equipment operatives	362	94	87	160	15	6
Truck drivers	210	54	43	107	–	6
Other transport equipment operatives	152	40	44	53	15	–
Laborers, except farm	689	349	180	68	79	13
Construction laborers	173	120	17	8	28	–
Freight, stock, and material handlers	250	87	78	30	42	13
Other laborers, except farm	266	142	85	30	9	–
Manufacturing industries	20	9	–	11	–	–
Farmers and farm managers	77	5	40	18	6	8
Farm laborers and farm foremen	298	237	24	14	23	–
Service workers, except private household[1]	590	172	223	98	85	12
Cleaning service workers	152	96	29	14	13	–
Food service workers	208	41	85	24	52	6
Health service workers	14	–	14	–	–	–
Personal service workers	87	9	52	20	6	–
Protective service workers	82	–	28	34	14	6
Private household workers	5	5	–	–	–	–
Female employed, 16 years old and over	**3 618**	**600**	**736**	**1 260**	**621**	**401**
Professional, technical, and kindred workers	585	59	55	68	122	281
Registered nurses	124	34	13	6	42	29
Health workers, except nurses	39	6	13	15	–	5
Teachers, elementary and secondary schools	225	–	–	7	27	191
Technicians, except health	16	–	–	8	8	–
Other professional, technical, and kindred workers	181	19	29	32	45	56
Managers and administrators, except farm	106	14	–	64	–	28
Salaried	85	–	–	64	–	21
Self-employed	21	14	–	–	–	7
Sales workers	234	11	39	144	40	–
Retail trade	203	11	39	126	27	–
Clerical and kindred workers	1 124	17	123	562	348	74
Bookkeepers and cashiers	191	6	34	106	38	7
Office machine operators	46	–	19	–	20	7
Secretaries, stenographers, and typists	452	5	15	229	175	28
Other clerical and kindred workers	435	6	55	227	115	32
Craftsmen and kindred workers	55	10	–	33	–	12
Operatives, except transport	385	136	166	78	5	–
Sewers and stitchers	99	37	30	32	–	–
Laundry and drycleaning operatives, including ironers	79	49	15	15	–	–
Other operatives, except transport	207	50	121	31	5	–
Durable goods, manufacturing	86	17	45	19	5	–
Nondurable goods, including not specified manufacturing	78	27	44	7	–	–
Nonmanufacturing industries	43	6	32	5	–	–
Transport equipment operatives	9	–	–	9	–	–
Laborers, except farm	25	14	5	6	–	–
Farmers and farm managers	–	–	–	–	–	–
Farm laborers and farm foremen	24	24	–	–	–	–
Service workers, except private household[1]	1 029	284	348	291	106	–
Cleaning service workers	122	49	43	30	–	–
Food service workers	425	105	192	98	30	–
Health service workers	283	44	69	133	37	–
Practical nurses	54	8	20	26	–	–
Personal service workers	133	44	20	30	39	–
Protective service workers	–	–	–	–	–	–
Private household workers	42	31	–	5	–	6

[1]Includes allocated cases not shown separately.

Table 180. Occupation of Employed Persons by Industry Group 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	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
					Total	Durable goods						
						Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
THE STATE												
Total employed	**928 031**	**49 460**	**32 513**	**64 282**	**146 329**	**6 508**	**7 838**	**2 388**	**2 133**	**12 661**	**18 407**	**13 412**
Professional, technical, and kindred workers	**130 652**	**1 013**	**6 594**	**2 725**	**14 355**	**114**	**309**	**76**	**82**	**1 014**	**2 082**	**1 396**
Accountants	10 442	25	1 315	246	2 161	33	50	18	16	160	254	162
Architects	535	22	6	26	18	–	–	–	–	5	4	–
Computer specialists	2 595	6	475	59	616	–	10	5	–	36	150	41
Engineers	12 173	19	1 781	1 056	3 943	17	82	11	15	283	781	539
Chemical	869	–	161	–	633	–	–	–	–	–	18	–
Civil	1 944	–	81	806	201	–	35	5	–	14	9	11
Electrical and electronic	2 220	–	78	76	643	7	10	–	–	11	134	272
Industrial	1 751	–	107	35	641	4	13	–	5	76	112	145
Mechanical	1 199	–	110	56	595	–	5	–	–	53	241	51
Other engineers	4 190	19	1 244	83	1 230	6	19	6	10	129	267	60
Mathematical specialists	279	–	15	11	60	–	–	–	–	–	–	–
Life and physical scientists	3 011	58	1 114	60	628	–	5	11	16	5	38	4
Chemists	1 048	3	227	23	416	–	5	11	16	5	33	–
Personnel and labor relations workers	2 628	–	131	49	562	11	18	21	4	33	34	84
Social scientists	899	–	64	12	159	–	–	–	–	–	29	5
Engineering and science technicians	9 172	67	930	843	3 074	26	73	10	19	436	567	406
Draftsmen	3 138	5	357	288	1 295	26	14	10	4	382	310	94
Electrical and electronic engineering technicians	2 044	–	56	25	536	–	–	–	–	–	125	251
Industrial and mechanical engineering technicians	243	–	5	–	120	–	5	–	10	5	42	11
Technicians, except health, and engineering and science	2 581	105	77	67	152	–	5	–	–	–	20	5
Writers, artists, and entertainers	6 989	174	99	91	1 781	13	49	–	–	14	85	55
Other professional, technical, and kindred workers	79 348	537	587	205	1 201	14	17	–	12	42	120	95
Managers and administrators, except farm	**89 037**	**378**	**2 844**	**6 513**	**8 542**	**348**	**431**	**68**	**53**	**763**	**1 274**	**416**
Buyers, purchasing agents, and sales managers	9 063	5	538	182	1 745	32	53	15	10	141	322	100
Other managers and administrators	79 974	373	2 306	6 331	6 797	316	378	53	43	622	952	316
Salaried	56 825	246	1 645	3 529	5 840	251	322	53	43	539	853	304
Self-employed	23 149	127	661	2 802	957	65	56	–	–	83	99	12
Sales workers	**66 631**	**175**	**359**	**418**	**5 057**	**156**	**148**	**35**	**14**	**289**	**557**	**162**
Clerical and kindred workers	**157 879**	**616**	**5 738**	**3 743**	**17 410**	**375**	**661**	**175**	**144**	**1 345**	**2 274**	**1 435**
Bookkeepers	21 246	246	720	1 067	2 271	57	104	6	30	177	214	131
Cashiers	11 361	9	37	4	73	–	–	5	–	–	–	4
Estimators and investigators, n.e.c	2 829	5	115	348	298	–	–	6	–	85	17	34
Office machine operators	6 711	–	534	45	1 187	6	17	17	4	72	151	85
Shipping and receiving clerks	3 473	14	56	24	1 475	44	82	10	15	149	298	118
Stock clerks and storekeepers	6 022	4	85	63	1 090	34	23	24	15	75	255	173
Other clerical and kindred workers	106 237	338	4 191	2 192	11 016	234	435	107	80	787	1 339	890
Craftsmen and kindred workers	**131 914**	**512**	**6 355**	**35 487**	**28 364**	**1 485**	**1 361**	**740**	**397**	**2 479**	**4 546**	**2 392**
Blacksmiths, forgemen, hammermen, and boilermakers	430	–	11	41	218	–	–	10	–	120	30	–
Brickmasons and stonemasons	1 773	6	–	1 586	84	–	43	24	–	–	–	–
Carpenters	12 518	89	68	9 582	871	327	15	5	16	15	45	20
Cranemen, derrickmen, and hoistmen	1 187	–	116	318	504	26	92	32	11	146	115	5
Electricians	4 691	–	114	2 124	880	10	62	42	17	52	98	237
Excavating, grading, and road machine operators	6 460	49	294	5 254	266	84	55	10	37	6	36	–
Foremen, n.e.c	16 119	139	1 865	1 811	6 456	269	454	136	102	617	883	662
Mechanics and repairmen	38 227	72	920	1 585	4 742	83	292	57	77	194	715	201
Automobile, including body	12 941	13	118	188	637	4	39	–	13	23	74	10
Machinists, job setters, and toolmakers	6 212	12	230	89	4 495	34	153	79	35	431	2 112	543
Metal craftsmen, except mechanics and machinists	2 903	6	5	512	1 744	36	11	262	46	340	227	160
Painters, construction and maintenance, and plasterers and paperhangers	4 452	9	46	3 039	316	21	–	–	4	48	60	19
Plumbers and pipe fitters	4 054	19	94	2 718	497	12	–	11	32	69	75	6
Printing craftsmen	3 133	6	21	18	2 531	–	–	–	4	25	19	5
Stationary engineers and power station operators	4 874	10	2 220	86	562	5	7	11	11	–	37	35
Other craftsmen and kindred workers	24 881	95	351	6 724	4 198	578	177	61	5	416	94	499
Operatives, except transport	**100 525**	**513**	**8 307**	**3 317**	**57 131**	**2 258**	**3 042**	**982**	**1 128**	**5 718**	**6 690**	**6 992**
Assemblers	7 330	11	31	64	6 315	269	64	14	33	598	1 288	1 833
Checkers, examiners, and inspectors; manufacturing	4 444	–	–	–	4 444	107	543	25	19	214	412	910
Filers, polishers, sanders, and buffers	764	–	5	9	651	221	38	–	25	92	50	64
Painters, manufactured articles	1 154	–	9	–	712	162	10	16	–	83	126	61
Precision machine operatives	3 309	–	66	37	2 808	91	62	94	28	429	1 471	169
Welders and flamecutters	9 249	68	379	1 120	5 207	38	123	198	39	1 817	1 465	257
Other specified operatives	51 354	167	7 806	1 536	19 739	796	948	221	497	951	528	895
Machine operatives, miscellaneous specified	9 077	135	–	105	7 689	182	572	201	250	482	366	1 003
Machine operatives, not specified	3 508	40	–	40	2 767	110	209	45	70	411	461	257
Miscellaneous operatives	7 401	60	7	297	4 631	167	226	79	131	470	389	1 205
Not specified operatives	2 935	32	4	109	2 168	115	247	89	36	171	134	338

Table 180. Occupation of Employed Persons by Industry Group 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	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
THE STATE—Continued												
Total employed—Continued												
Transport equipment operatives	**37 290**	**344**	**1 362**	**2 867**	**5 567**	**418**	**951**	**38**	**49**	**336**	**269**	**92**
Deliverymen and routemen	7 237	37	38	61	1 509	46	80	5	–	45	39	–
Truck drivers	21 693	283	1 167	2 547	2 772	271	699	21	24	198	127	19
Other transport equipment operatives	8 360	24	157	259	1 286	101	172	12	25	93	103	73
Laborers, except farm	**38 756**	**1 821**	**562**	**8 616**	**6 927**	**1 226**	**707**	**204**	**221**	**516**	**364**	**277**
Freight, stock, and material handlers	14 167	78	278	206	2 644	285	286	52	16	196	200	181
Other specified laborers	17 911	1 651	148	8 400	1 714	717	125	8	24	53	44	38
Miscellaneous laborers	1 776	45	5	–	417	31	34	67	87	67	18	3
Not specified laborers	4 902	47	131	10	2 152	193	262	77	94	200	102	55
Farm workers	**43 870**	**43 870**	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**131 477**	**218**	**392**	**596**	**2 976**	**128**	**228**	**70**	**45**	**201**	**351**	**250**
Cleaning service workers	22 796	106	248	244	1 723	90	153	31	31	148	261	111
Personal service workers	18 146	20	17	21	45	–	10	–	–	–	–	–
Guards and watchmen	2 744	24	74	138	483	29	44	14	14	5	24	81
Other service workers, including private household	87 791	68	53	193	725	9	21	25	–	48	66	58
Female employed	**347 719**	**3 693**	**4 940**	**3 752**	**39 069**	**1 263**	**1 646**	**190**	**116**	**1 609**	**2 467**	**6 239**
Professional, technical, and kindred workers	**51 788**	**79**	**412**	**161**	**1 709**	**20**	**86**	–	–	**54**	**114**	**211**
Accountants	2 867	9	142	62	419	12	10	–	–	32	44	64
Computer specialists	352	–	40	17	48	–	–	–	–	5	5	–
Life and physical scientists	213	–	16	–	12	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	9 209	5	–	5	62	–	4	–	–	3	5	32
Social scientists	187	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	2 221	16	15	5	624	8	45	–	–	–	–	10
Other professional, technical, and kindred workers	36 739	49	199	72	544	–	27	–	–	14	60	105
Managers and administrators, except farm	**15 958**	**39**	**114**	**181**	**593**	**15**	**49**	**5**	–	**56**	**29**	**48**
Salaried	10 820	21	75	114	471	15	40	5	–	56	24	42
Self-employed	5 138	18	39	67	122	–	9	–	–	–	5	6
Sales workers	**28 151**	**39**	**14**	**67**	**549**	**5**	**28**	–	–	**6**	**20**	**14**
Clerical and kindred workers	**117 777**	**489**	**4 007**	**2 539**	**11 215**	**230**	**400**	**91**	**72**	**809**	**1 259**	**973**
Bookkeepers	18 176	204	469	832	1 738	35	83	6	24	142	153	98
Cashiers	9 166	5	25	4	60	–	–	5	–	–	–	–
Counter clerks, except food	1 650	–	5	–	187	–	–	–	–	11	8	24
File clerks	2 196	–	86	24	262	–	10	–	–	5	62	36
Office machine operators	4 865	–	277	40	857	6	17	10	4	50	99	80
Bookkeeping and billing machine operators	777	–	17	–	45	–	–	–	–	6	4	–
Receptionists	3 651	45	76	60	169	19	16	–	–	33	18	21
Secretaries	30 040	115	1 752	985	3 614	147	177	38	30	336	548	260
Stenographers	1 974	–	176	33	203	–	–	5	–	18	10	15
Typists	7 871	28	221	133	812	–	29	–	–	49	102	57
Other clerical and kindred workers	38 188	92	920	428	3 313	23	68	27	14	165	259	382
Craftsmen and kindred workers	**6 574**	**25**	**108**	**452**	**2 323**	**157**	**13**	**23**	**4**	**71**	**128**	**427**
Foremen, n.e.c	1 036	–	35	15	559	11	4	5	–	31	35	71
Operatives, except transport	**31 179**	**80**	**129**	**89**	**21 357**	**739**	**993**	**45**	**40**	**539**	**780**	**4 435**
Assemblers	3 368	–	–	10	2 942	104	31	5	–	136	374	1 343
Checkers, examiners, and inspectors; manufacturing	1 993	–	–	–	1 993	59	389	–	–	39	35	443
Packers and wrappers, except meat and produce	1 991	16	11	–	1 353	23	310	5	–	28	5	16
Other operatives, except transport	23 827	64	118	79	15 069	553	263	35	40	336	366	2 633
Transport equipment operatives	**1 122**	**14**	**18**	**37**	**123**	**4**	**31**	–	–	**6**	**6**	**6**
Laborers, except farm	**2 890**	**155**	**8**	**163**	**659**	**83**	**15**	**6**	–	**30**	**46**	**67**
Farm workers	**2 697**	**2 697**	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**89 583**	**76**	**130**	**63**	**541**	**10**	**31**	**20**	–	**38**	**85**	**58**
Cleaning service workers	7 202	40	95	29	164	6	10	5	–	–	33	8
Personal service workers	13 477	15	–	9	20	–	5	–	–	–	–	–
Other service workers, including private household	68 904	21	35	25	357	4	16	15	–	38	52	50

Table 180. Occupation of Employed Persons by Industry Group 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	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
THE STATE													
Total employed	**3 241**	**8 838**	**1 826**	**785**	**7 434**	**14 252**	**2 504**	**8 516**	**1 483**	**9 425**	**2 604**	**4 639**	**17 435**
Professional, technical, and kindred workers	**127**	**1 516**	**38**	**30**	**486**	**348**	**47**	**55**	**30**	**1 407**	**275**	**248**	**4 675**
Accountants	35	162	5	–	16	120	11	5	–	65	39	35	975
Architects	–	–	–	–	–	–	–	–	–	–	–	–	9
Computer specialists	–	56	–	–	15	9	5	–	–	10	–	–	279
Engineers	38	700	6	11	102	62	5	5	14	5	93	123	1 051
Chemical	–	10	–	–	5	–	–	–	–	–	60	13	527
Civil	–	31	–	–	5	11	–	–	–	–	10	–	70
Electrical and electronic	–	72	–	–	31	10	–	–	–	5	6	10	75
Industrial	–	149	–	5	5	30	5	–	14	–	–	28	50
Mechanical	21	99	6	6	5	5	–	–	–	–	5	10	88
Other engineers	17	339	–	–	51	6	–	5	–	–	12	62	241
Mathematical specialists	–	20	–	–	–	–	–	–	5	–	–	–	35
Life and physical scientists	–	9	–	–	–	16	–	–	–	–	53	–	471
Chemists	–	9	–	–	–	11	–	–	–	–	49	–	277
Personnel and labor relations workers	10	58	–	5	5	21	8	10	–	9	7	23	201
Social scientists	–	21	–	–	4	4	–	–	–	–	–	–	96
Engineering and science technicians	22	256	10	9	87	50	–	5	–	10	63	50	975
Draftsmen	17	118	5	–	40	–	–	–	–	10	–	10	255
Electrical and electronic engineering technicians	–	94	–	9	35	5	–	–	–	–	–	–	17
Industrial and mechanical engineering technicians	5	30	–	–	–	4	–	–	–	–	–	8	–
Technicians, except health, and engineering and science	12	70	–	–	10	–	–	–	–	4	–	–	26
Writers, artists, and entertainers	–	62	13	–	46	19	12	19	–	1 277	15	4	98
Other professional, technical, and kindred workers	10	102	4	5	201	47	6	11	11	27	5	13	459
Managers and administrators, except farm	**203**	**495**	**118**	**12**	**465**	**1 050**	**86**	**207**	**75**	**1 031**	**287**	**218**	**942**
Buyers, purchasing agents, and sales managers	55	52	25	–	58	258	21	10	16	253	53	56	215
Other managers and administrators	148	443	93	12	407	792	65	197	59	778	234	162	727
Salaried	133	428	80	12	306	708	56	123	59	526	209	148	687
Self-employed	15	15	13	–	101	84	9	74	–	252	25	14	40
Sales workers	**58**	**18**	**30**	**5**	**213**	**877**	**44**	**165**	**71**	**1 218**	**505**	**78**	**414**
Clerical and kindred workers	**295**	**1 030**	**100**	**60**	**851**	**1 332**	**258**	**377**	**203**	**2 089**	**296**	**420**	**3 690**
Bookkeepers	26	27	14	4	82	393	55	53	10	340	45	51	452
Cashiers	–	–	–	–	–	31	–	5	–	14	–	–	14
Estimators and investigators, n.e.c	–	22	–	–	18	10	6	–	–	39	15	–	46
Office machine operators	11	69	–	–	27	113	13	10	17	83	14	23	455
Shipping and receiving clerks	65	35	10	5	80	112	40	95	42	63	34	102	76
Stock clerks and storekeepers	60	161	7	18	25	60	–	18	27	5	11	51	48
Other clerical and kindred workers	133	716	69	33	619	613	144	196	107	1 545	177	193	2 599
Craftsmen and kindred workers	**747**	**2 852**	**741**	**213**	**1 575**	**1 721**	**300**	**655**	**272**	**2 619**	**339**	**676**	**2 254**
Blacksmiths, forgemen, hammermen, and boilermakers	–	5	–	–	–	–	–	–	–	–	5	12	36
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	–	–	–	17	–
Carpenters	25	25	239	18	5	24	12	–	–	–	5	6	69
Cranemen, derrickmen, and hoistmen	8	23	–	10	7	10	–	–	–	–	–	–	19
Electricians	19	72	31	6	34	15	16	6	32	–	19	45	67
Excavating, grading, and road machine operators	7	–	5	–	–	11	–	–	–	–	–	10	5
Foremen, n.e.c	156	384	124	36	202	643	134	282	95	208	144	247	678
Mechanics and repairmen	326	1 264	55	90	171	336	97	101	53	46	92	110	382
Automobile, including body	292	45	13	–	12	77	4	–	–	4	6	5	16
Machinists, job setters, and toolmakers	64	503	21	21	105	69	32	12	22	4	20	103	132
Metal craftsmen, except mechanics and machinists	41	403	79	16	45	47	–	–	–	–	–	26	5
Painters, construction and maintenance, and plasterers and paperhangers	41	66	20	4	3	13	–	–	–	–	6	5	6
Plumbers and pipe fitters	6	12	27	6	13	9	–	–	–	–	4	62	153
Printing craftsmen	10	4	5	–	10	8	5	–	60	2 321	5	9	41
Stationary engineers and power station operators	–	9	–	–	4	85	–	–	5	14	32	14	293
Other craftsmen and kindred workers	44	82	135	6	976	451	4	254	5	26	7	10	368
Operatives, except transport	**1 522**	**2 706**	**625**	**328**	**3 144**	**5 216**	**1 481**	**6 785**	**599**	**762**	**604**	**2 617**	**3 932**
Assemblers	325	760	138	93	411	146	–	9	39	19	15	195	66
Checkers, examiners, and inspectors; manufacturing	56	334	10	59	78	232	201	491	15	23	17	180	518
Filers, polishers, sanders, and buffers	14	67	4	–	36	18	4	–	–	–	9	9	–
Painters, manufactured articles	57	55	34	7	44	–	–	10	–	–	9	17	21
Precision machine operatives	51	226	15	10	56	37	9	5	–	4	–	32	19
Welders and flamecutters	583	97	165	11	61	36	10	–	14	–	37	59	197
Other specified operatives	166	308	97	29	1 909	2 938	1 257	5 653	133	163	125	355	1 770
Machine operatives, miscellaneous specified	59	274	16	71	148	977	–	298	249	271	201	1 237	832
Machine operatives, not specified	79	186	6	–	83	178	–	53	110	146	96	143	124
Miscellaneous operatives	47	208	115	10	220	475	–	157	34	127	62	254	255
Not specified operatives	85	191	25	38	98	179	–	109	5	9	33	136	130

Table 180. Occupation of Employed Persons by Industry Group 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	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
THE STATE—Continued													
Total employed—Continued													
Transport equipment operatives	103	42	40	70	194	1 989	167	35	71	108	92	74	429
Deliverymen and routemen	11	10	–	–	16	1 118	23	10	–	41	29	–	36
Truck drivers	73	–	30	44	44	699	92	19	53	51	45	35	228
Other transport equipment operatives	19	32	10	26	134	172	52	6	18	16	18	39	165
Laborers, except farm	132	93	119	36	290	1 360	58	154	124	77	137	231	601
Freight, stock, and material handlers	40	32	–	15	30	724	18	151	49	35	84	100	150
Other specified laborers	29	5	29	8	216	124	10	–	24	16	16	30	198
Miscellaneous laborers	–	6	–	5	11	48	8	–	–	5	–	25	2
Not specified laborers	63	50	90	8	33	464	22	3	51	21	37	76	251
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	54	86	15	31	216	359	63	83	38	114	69	77	498
Cleaning service workers	38	56	12	12	84	177	34	51	31	87	35	53	228
Personal service workers	–	–	–	–	5	16	–	–	–	–	–	–	14
Guards and watchmen	12	30	3	19	9	58	22	21	–	11	34	12	41
Other service workers, including private household	4	–	–	–	118	108	7	11	7	16	–	12	215
Female employed	252	1 271	244	226	2 406	3 398	1 156	7 222	304	3 361	344	954	4 401
Professional, technical, and kindred workers	10	120	4	5	59	69	19	34	5	563	14	19	303
Accountants	–	41	–	–	5	34	–	–	–	47	4	10	116
Computer specialists	–	5	–	–	–	9	5	–	–	–	–	–	19
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	12
Registered nurses, dietitians, and therapists	–	4	–	–	5	–	–	–	–	–	–	9	–
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	–	5	4	–	15	–	8	8	–	495	6	–	20
Other professional, technical, and kindred workers	10	65	–	5	34	26	6	26	5	21	4	–	136
Managers and administrators, except farm	11	16	–	–	61	72	4	42	–	155	5	–	25
Salaried	6	16	–	–	55	60	–	8	–	114	5	–	25
Self-employed	5	–	–	–	6	12	4	34	–	41	–	–	–
Sales workers	–	4	–	–	44	93	–	56	–	199	48	5	27
Clerical and kindred workers	119	538	74	36	591	849	201	299	88	1 602	202	225	2 557
Bookkeepers	14	23	14	4	65	279	50	49	10	323	36	39	291
Cashiers	–	–	–	–	–	26	–	5	–	14	–	–	10
Counter clerks, except food	–	–	–	–	6	17	5	4	11	79	–	5	17
File clerks	–	25	–	5	11	7	5	–	–	47	3	5	41
Office machine operators	11	37	–	–	17	87	8	10	11	49	9	23	329
Bookkeeping and billing machine operators	–	–	–	–	–	10	–	–	–	7	–	–	18
Receptionists	–	–	–	–	5	7	–	–	10	20	–	–	20
Secretaries	39	191	28	–	139	208	58	72	16	301	119	76	831
Stenographers	6	17	–	–	9	10	–	5	–	4	–	–	104
Typists	10	52	–	–	48	15	6	15	4	208	12	4	201
Other clerical and kindred workers	39	193	32	27	291	193	69	139	26	557	23	73	713
Craftsmen and kindred workers	26	136	59	29	147	123	25	325	21	446	6	47	110
Foremen, n.e.c	8	21	–	–	16	29	9	224	5	48	–	14	28
Operatives, except transport	76	442	90	140	1 433	1 959	847	6 360	171	357	42	620	1 249
Assemblers	28	200	17	64	354	96	–	–	26	10	11	106	37
Checkers, examiners, and inspectors; manufacturing	5	32	5	10	48	129	116	476	4	19	–	76	108
Packers and wrappers, except meat and produce	–	–	–	7	44	724	8	67	29	22	6	51	8
Other operatives, except transport	43	210	68	59	987	1 010	723	5 817	112	306	25	387	1 096
Transport equipment operatives	5	4	3	–	5	29	12	–	6	–	6	–	–
Laborers, except farm	5	11	14	4	18	160	33	84	6	11	21	26	19
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	–	–	12	48	44	15	22	7	28	–	12	111
Cleaning service workers	–	–	–	12	14	8	8	11	–	12	–	–	37
Personal service workers	–	–	–	–	5	5	–	–	–	–	–	–	5
Other service workers, including private household	–	–	–	–	29	31	7	11	7	16	–	12	69

Table 180. Occupation of Employed Persons by Industry Group 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	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
THE STATE													
Total employed	**4 789**	**16 182**	**14 244**	**10 604**	**17 285**	**38 759**	**23 936**	**23 679**	**29 047**	**30 648**	**54 326**	**14 135**	**27 959**
Professional, technical, and kindred workers	**55**	**161**	**1 211**	**1 410**	**1 543**	**1 704**	**310**	**182**	**449**	**229**	**2 402**	**525**	**955**
Accountants	13	104	172	123	354	384	85	57	215	-	159	201	478
Architects	-	-	-	11	-	-	-	-	-	-	5	-	-
Computer specialists	-	-	131	-	30	134	4	-	13	-	10	74	124
Engineers	32	4	305	374	495	502	5	6	54	7	74	47	51
Chemical	-	-	6	-	6	17	-	-	-	-	-	-	-
Civil	19	-	29	-	45	29	-	6	-	-	12	11	4
Electrical and electronic	4	4	26	330	322	41	-	-	5	-	16	-	5
Industrial	-	-	66	14	52	25	-	-	22	-	5	32	9
Mechanical	9	-	57	-	34	34	-	-	7	7	-	-	5
Other engineers	-	-	121	30	36	356	5	-	20	-	41	4	28
Mathematical specialists	-	-	4	6	6	-	-	-	-	-	-	15	-
Life and physical scientists	-	-	5	4	37	36	-	-	10	-	16	-	4
Chemists	-	-	5	-	21	20	-	-	5	-	4	-	-
Personnel and labor relations workers	-	24	51	32	5	53	74	54	25	15	44	63	56
Social scientists	-	-	-	-	51	43	-	-	4	-	5	-	13
Engineering and science technicians	-	-	84	261	210	234	14	-	52	-	68	-	38
Draftsmen	-	-	37	48	83	136	6	-	41	-	41	-	10
Electrical and electronic engineering technicians	-	-	26	197	68	38	3	-	-	-	11	-	12
Industrial and mechanical engineering technicians	-	-	9	7	5	-	-	-	-	-	-	-	6
Technicians, except health, and engineering and science	-	14	300	67	55	43	-	-	21	4	23	10	4
Writers, artists, and entertainers	5	6	20	497	52	51	82	19	16	192	178	35	67
Other professional, technical, and kindred workers	5	9	139	35	248	224	46	46	39	11	1 820	80	120
Managers and administrators, except farm	**565**	**1 227**	**748**	**829**	**1 039**	**6 458**	**3 240**	**5 183**	**7 181**	**4 304**	**9 115**	**1 466**	**6 325**
Buyers, purchasing agents, and sales managers	4	43	89	73	84	1 778	1 031	649	433	52	1 212	248	101
Other managers and administrators	561	1 184	659	756	955	4 680	2 209	4 534	6 748	4 252	7 903	1 218	6 224
Salaried	561	774	592	756	915	3 485	1 651	2 205	3 219	1 904	4 175	1 068	5 444
Self-employed	-	410	67	-	40	1 195	558	2 329	3 529	2 348	3 728	150	780
Sales workers	**33**	**116**	**80**	**293**	**227**	**8 089**	**12 507**	**2 665**	**4 806**	**324**	**18 794**	**5 725**	**4 556**
Clerical and kindred workers	**899**	**1 895**	**2 627**	**4 961**	**3 698**	**8 701**	**4 883**	**6 210**	**2 734**	**1 666**	**8 173**	**6 167**	**13 232**
Bookkeepers	67	311	195	142	430	2 091	736	358	1 322	182	2 996	463	2 524
Cashiers	9	44	137	69	147	96	1 668	4 743	111	1 264	1 096	49	301
Estimators and investigators, n.e.c	15	49	11	39	129	129	125	12	35	-	38	161	479
Office machine operators	31	88	111	140	139	604	107	77	89	25	117	192	977
Shipping and receiving clerks	13	172	31	-	27	665	219	91	28	-	151	2	10
Stock clerks and storekeepers	57	36	330	41	103	502	298	433	82	43	280	10	33
Other clerical and kindred workers	707	1 195	1 812	4 530	2 723	4 614	1 730	496	1 067	152	3 495	5 290	8 908
Craftsmen and kindred workers	**1 351**	**1 463**	**5 000**	**2 834**	**5 463**	**4 167**	**869**	**723**	**5 123**	**163**	**5 780**	**105**	**664**
Blacksmiths, forgemen, hammermen, and boilermakers	6	-	-	-	5	-	-	-	-	-	10	-	-
Brickmasons and stonemasons	-	-	-	-	4	-	-	-	-	-	27	-	12
Carpenters	50	-	50	-	20	60	21	4	20	11	531	10	135
Cranemen, derrickmen, and hoistmen	7	5	5	-	25	134	6	-	-	-	16	-	-
Electricians	26	11	141	23	312	39	17	5	5	4	30	-	11
Excavating, grading, and road machine operators	23	10	25	6	173	43	-	-	-	-	22	-	-
Foremen, n.e.c	224	400	374	136	829	1 055	225	187	216	29	400	23	106
Mechanics and repairmen	390	917	3 768	70	1 096	1 768	440	60	4 654	20	1 901	-	65
Automobile, including body	4	786	118	10	97	468	106	35	4 422	-	57	-	5
Machinists, job setters, and toolmakers	50	26	196	5	33	192	-	-	59	-	22	-	-
Metal craftsmen, except mechanics and machinists	15	-	54	-	9	85	-	-	-	-	28	-	6
Painters, construction and maintenance, and plasterers and paperhangers	11	17	86	-	12	41	16	-	6	7	85	-	90
Plumbers and pipe fitters	4	-	14	23	121	21	-	-	11	-	116	-	9
Printing craftsmen	-	-	9	20	10	45	6	7	10	-	34	19	19
Stationary engineers and power station operators	-	15	171	8	913	129	-	-	14	-	16	9	151
Other craftsmen and kindred workers	545	62	107	2 543	1 901	555	138	460	128	92	2 542	44	60
Operatives, except transport	**223**	**390**	**740**	**133**	**785**	**2 523**	**376**	**3 272**	**7 478**	**103**	**1 947**	**13**	**83**
Assemblers	-	6	26	41	30	159	-	4	5	-	70	-	12
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	-	11	-	6	5	-	-	20	-	13	-	-
Painters, manufactured articles	-	-	10	-	6	6	-	-	128	-	5	-	-
Precision machine operatives	-	5	26	-	10	53	-	-	10	-	6	-	-
Welders and flamecutters	57	18	178	11	145	442	6	-	36	-	40	-	5
Other specified operatives	34	303	99	37	235	1 072	340	3 045	7 129	89	1 551	4	43
Machine operatives, miscellaneous specified	-	6	29	21	59	231	-	71	51	10	93	6	-
Machine operatives, not specified	33	-	26	-	74	184	4	9	5	-	29	3	4
Miscellaneous operatives	63	42	311	15	196	265	16	113	66	4	68	-	15
Not specified operatives	36	10	24	8	24	106	10	30	28	-	72	-	4

Table 180. Occupation of Employed Persons by Industry Group 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	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
THE STATE—Continued													
Total employed—Continued													
Transport equipment operatives	**899**	**9 612**	**2 880**	**17**	**1 841**	**4 199**	**326**	**535**	**409**	**88**	**2 934**	**19**	**100**
Deliverymen and routemen	13	384	23	4	24	1 886	245	285	164	65	1 634	–	29
Truck drivers	45	9 121	153	9	902	1 944	72	171	181	18	1 016	19	16
Other transport equipment operatives	841	107	2 704	4	915	369	9	79	64	5	284	–	55
Laborers, except farm	**694**	**1 189**	**472**	**23**	**2 090**	**2 422**	**736**	**4 322**	**514**	**71**	**1 813**	**22**	**436**
Freight, stock, and material handlers	30	1 043	124	4	1 056	1 478	671	4 205	64	22	666	3	32
Other specified laborers	51	61	243	13	647	349	14	35	345	5	690	15	313
Miscellaneous laborers	521	13	18	6	193	147	9	10	–	–	111	–	38
Not specified laborers	92	72	87	–	194	448	42	72	105	44	346	4	53
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**70**	**129**	**486**	**104**	**599**	**496**	**689**	**587**	**353**	**23 700**	**3 368**	**93**	**1 608**
Cleaning service workers	9	83	222	82	424	240	244	143	274	350	498	79	1 130
Personal service workers	–	31	62	–	13	50	137	6	10	184	76	–	138
Guards and watchmen	14	15	57	10	20	78	35	6	24	12	19	4	114
Other service workers, including private household	47	–	145	12	142	128	273	432	45	23 154	2 775	10	226
Female employed	**214**	**1 490**	**1 874**	**5 451**	**2 454**	**8 619**	**16 514**	**8 977**	**3 363**	**21 587**	**25 022**	**6 247**	**15 493**
Professional, technical, and kindred workers	–	**20**	**99**	**220**	**166**	**237**	**191**	**26**	**87**	**90**	**445**	**117**	**306**
Accountants	–	20	47	61	50	81	56	26	58	–	60	71	218
Computer specialists	–	–	4	–	–	15	–	–	4	–	–	28	9
Life and physical scientists	–	–	–	–	–	4	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	–	–	5	–	–	6	5	–	–	11
Social scientists	–	–	–	–	21	9	–	–	–	–	5	–	–
Writers, artists, and entertainers	–	–	–	37	10	–	61	–	–	75	108	3	15
Other professional, technical, and kindred workers	–	–	48	122	85	123	74	–	19	10	272	15	53
Managers and administrators, except farm	**23**	**59**	**77**	**135**	**18**	**407**	**937**	**1 113**	**383**	**1 746**	**2 233**	**157**	**1 439**
Salaried	23	33	65	135	9	264	721	381	172	719	1 080	137	1 236
Self-employed	–	26	12	–	9	143	216	732	211	1 027	1 153	20	203
Sales workers	–	**5**	**14**	**125**	**27**	**557**	**10 142**	**1 626**	**267**	**201**	**11 047**	**875**	**1 461**
Clerical and kindred workers	**136**	**1 030**	**1 133**	**4 698**	**1 997**	**6 271**	**4 313**	**4 067**	**2 163**	**1 441**	**7 040**	**5 039**	**11 515**
Bookkeepers	29	254	142	142	288	1 797	694	306	1 148	134	2 707	427	2 385
Cashiers	–	39	–	69	147	65	1 594	3 256	102	1 133	1 022	49	295
Counter clerks, except food	–	–	5	78	–	42	139	5	11	5	11	–	34
File clerks	5	21	24	53	23	188	54	11	13	–	43	227	238
Office machine operators	–	60	73	129	110	413	90	71	67	25	108	159	756
Bookkeeping and billing machine operators	–	10	–	4	5	42	11	5	50	–	30	5	412
Receptionists	–	18	40	25	32	98	22	3	36	–	60	94	175
Secretaries	15	263	354	219	443	1 654	190	125	467	55	736	2 024	2 560
Stenographers	15	23	17	46	48	126	4	–	21	–	35	94	61
Typists	3	68	57	160	89	253	132	5	77	–	164	691	444
Other clerical and kindred workers	69	284	421	3 777	817	1 635	1 394	285	221	89	2 154	1 274	4 567
Craftsmen and kindred workers	**5**	**14**	**104**	**148**	**52**	**112**	**196**	**187**	**80**	**77**	**708**	**8**	**24**
Foremen, n.e.c	–	5	16	30	11	25	118	21	5	15	34	8	5
Operatives, except transport	**4**	**141**	**36**	**73**	**52**	**609**	**227**	**1 083**	**251**	**33**	**940**	**9**	**20**
Assemblers	–	–	11	36	17	80	–	–	–	–	8	–	7
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	106	–	–	–	172	17	80	9	20	78	–	–
Other operatives, except transport	4	35	25	37	35	357	210	1 003	242	13	854	9	13
Transport equipment operatives	**10**	**182**	**264**	**4**	**40**	**85**	**40**	**22**	**14**	**14**	**87**	–	–
Laborers, except farm	**9**	**24**	**41**	–	**17**	**209**	**86**	**498**	**12**	–	**170**	–	**18**
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**27**	**15**	**106**	**48**	**85**	**132**	**382**	**355**	**106**	**17 985**	**2 352**	**42**	**710**
Cleaning service workers	–	10	14	36	41	37	42	11	63	103	83	32	447
Personal service workers	–	5	42	–	13	16	123	–	3	136	71	–	108
Other service workers, including private household	27	–	50	12	31	79	217	344	40	17 746	2 198	10	155

Table 180. Occupation of Employed Persons by Industry Group 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	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
THE STATE												
Total employed	**11 784**	**16 299**	**8 230**	**40 953**	**6 687**	**31 576**	**23 895**	**64 999**	**14 175**	**18 186**	**20 596**	**72 474**
Professional, technical, and kindred workers	**1 924**	**349**	**176**	**945**	**1 186**	**9 633**	**7 572**	**36 300**	**6 899**	**8 159**	**10 282**	**11 404**
Accountants	487	62	113	21	10	144	49	128	48	134	1 974	1 180
Architects	5	-	-	-	-	-	-	23	7	4	403	5
Computer specialists	154	4	-	5	-	22	-	117	10	45	77	485
Engineers	127	56	-	-	19	43	34	99	17	42	836	2 145
Chemical	-	-	-	-	-	-	-	10	-	-	36	-
Civil	11	6	-	-	7	12	18	10	-	11	237	389
Electrical and electronic	35	17	-	-	7	3	-	34	7	6	98	463
Industrial	35	10	-	-	-	18	-	-	10	-	23	647
Mechanical	-	12	-	-	-	10	5	35	-	13	73	137
Other engineers	46	11	-	-	5	-	11	10	-	12	369	509
Mathematical specialists	-	-	-	-	-	5	6	5	-	6	26	114
Life and physical scientists	42	12	-	-	-	99	58	174	16	10	253	375
Chemists	25	3	-	-	-	20	21	55	-	-	73	127
Personnel and labor relations workers	260	27	-	-	9	78	15	63	27	50	6	855
Social scientists	57	-	-	4	-	83	78	87	15	24	49	151
Engineering and science technicians	288	8	-	7	14	56	52	396	87	23	715	1 651
Draftsmen	125	4	-	-	-	-	15	63	4	6	399	175
Electrical and electronic engineering technicians	26	4	-	-	14	23	5	52	10	-	37	901
Industrial and mechanical engineering technicians	5	-	-	-	-	-	-	-	6	5	6	69
Technicians, except health, and engineering and science	31	13	-	66	-	5	32	40	32	5	14	1 401
Writers, artists, and entertainers	352	18	19	516	665	39	20	347	143	672	463	370
Other professional, technical, and kindred workers	121	149	44	326	469	9 059	7 228	34 821	6 497	7 144	5 466	2 672
Managers and administrators, except farm	**1 346**	**1 176**	**1 532**	**2 157**	**1 128**	**925**	**916**	**3 666**	**893**	**1 055**	**532**	**7 754**
Buyers, purchasing agents, and sales managers	84	33	38	34	23	58	11	33	10	12	10	450
Other managers and administrators	1 262	1 143	1 494	2 123	1 105	867	905	3 633	883	1 043	522	7 304
Salaried	867	564	699	1 120	753	861	800	3 633	719	1 031	465	7 304
Self-employed	395	579	795	1 003	352	6	105	-	164	12	57	-
Sales workers	**705**	**289**	**24**	**421**	**279**	**43**	**27**	**70**	**83**	**88**	**158**	**160**
Clerical and kindred workers	**3 447**	**1 574**	**1 174**	**2 177**	**952**	**4 689**	**3 579**	**9 663**	**2 311**	**4 205**	**5 402**	**25 353**
Bookkeepers	346	443	193	342	85	393	644	379	70	320	741	1 169
Cashiers	19	60	129	168	413	102	-	372	71	30	27	113
Estimators and investigators, n.e.c	187	54	-	5	15	29	28	9	15	25	26	448
Office machine operators	385	11	-	5	28	115	18	291	68	129	256	942
Shipping and receiving clerks	11	41	-	22	-	33	-	29	27	-	12	320
Stock clerks and storekeepers	71	31	12	20	19	199	16	115	14	41	6	1 988
Other clerical and kindred workers	2 428	934	840	1 615	392	3 818	2 873	8 468	2 046	3 660	4 334	20 373
Craftsmen and kindred workers	**1 240**	**9 514**	**197**	**1 076**	**515**	**590**	**394**	**1 450**	**339**	**355**	**372**	**11 449**
Blacksmiths, forgemen, hammermen, and boilermakers	6	128	-	-	-	5	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	6	5	-	-	-	5	10	17	6	5
Carpenters	27	-	46	197	31	52	20	170	46	71	13	323
Cranemen, derrickmen, and hoistmen	15	-	-	-	-	-	-	-	-	-	-	36
Electricians	15	60	-	10	5	50	-	91	21	6	-	691
Excavating, grading, and road machine operators	15	16	4	6	11	-	-	29	-	8	-	206
Foremen, n.e.c	104	195	-	108	14	74	22	126	44	46	11	900
Mechanics and repairmen	591	7 493	37	87	147	62	22	351	105	23	57	6 784
Automobile, including body	33	5 268	-	9	5	-	5	105	10	5	-	437
Machinists, job setters, and toolmakers	22	114	4	11	-	13	-	16	7	4	-	612
Metal craftsmen, except mechanics and machinists	6	23	-	-	-	-	-	-	-	5	-	405
Painters, construction and maintenance, and plasterers and paperhangers	43	15	32	107	-	44	10	133	19	18	-	250
Plumbers and pipe fitters	9	5	5	-	-	44	13	76	9	26	7	213
Printing craftsmen	37	5	-	6	12	12	-	132	10	34	-	130
Stationary engineers and power station operators	48	15	35	10	11	166	13	79	25	36	5	127
Other craftsmen and kindred workers	302	1 445	28	529	284	68	294	242	43	61	273	767
Operatives, except transport	**875**	**2 249**	**123**	**4 960**	**56**	**685**	**177**	**429**	**56**	**138**	**251**	**3 192**
Assemblers	14	13	5	-	7	31	12	5	-	5	25	439
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	6	14	-	-	-	-	-	-	-	-	-	24
Painters, manufactured articles	10	235	-	-	-	5	-	-	-	-	-	28
Precision machine operatives	14	87	-	-	-	-	4	-	-	-	5	178
Welders and flamecutters	33	1 055	-	10	5	-	-	33	-	15	-	386
Other specified operatives	289	540	107	4 889	18	592	139	201	14	93	168	1 075
Machine operatives, miscellaneous specified	46	85	11	30	-	31	-	38	16	6	22	286
Machine operatives, not specified	33	32	-	3	13	12	-	11	5	5	-	176
Miscellaneous operatives	420	149	-	14	13	10	18	129	21	5	16	437
Not specified operatives	10	39	-	14	-	4	4	12	-	9	15	163

Table 180. Occupation of Employed Persons by Industry Group 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	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
THE STATE—Continued												
Total employed—Continued												
Transport equipment operatives	**191**	**447**	**47**	**826**	**48**	**113**	**64**	**253**	**42**	**72**	**29**	**1 159**
Deliverymen and routemen	93	81	–	449	10	4	25	64	11	24	–	75
Truck drivers	72	182	4	135	24	47	24	83	9	36	5	636
Other transport equipment operatives	26	184	43	242	14	62	15	106	22	12	24	448
Laborers, except farm	**224**	**347**	**84**	**1 191**	**480**	**212**	**88**	**436**	**166**	**178**	**174**	**2 446**
Freight, stock, and material handlers	50	37	–	67	8	80	6	33	20	33	6	1 223
Other specified laborers	97	207	40	808	417	116	41	315	85	46	147	898
Miscellaneous laborers	14	54	5	5	11	–	11	10	22	51	6	54
Not specified laborers	63	49	39	311	44	16	30	78	39	48	15	271
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**1 772**	**354**	**4 873**	**27 200**	**2 043**	**14 686**	**11 078**	**12 732**	**3 386**	**3 936**	**3 396**	**9 557**
Cleaning service workers	1 250	141	2 202	425	344	1 827	950	5 143	1 076	1 642	149	1 548
Personal service workers	59	45	1 175	11 226	655	223	245	1 307	897	1 214	53	237
Guards and watchmen	330	25	5	11	21	37	47	167	44	25	18	887
Other service workers, including private household	133	143	1 491	15 538	1 023	12 599	9 836	6 115	1 369	1 055	3 176	6 885
Female employed	**5 007**	**2 143**	**5 221**	**30 962**	**2 676**	**25 175**	**18 309**	**40 333**	**9 399**	**9 214**	**10 452**	**20 069**
Professional, technical, and kindred workers	**675**	**89**	**28**	**500**	**370**	**7 474**	**3 677**	**23 029**	**4 620**	**2 560**	**2 653**	**1 748**
Accountants	309	18	23	16	5	79	38	57	35	46	508	353
Computer specialists	43	–	–	–	–	–	–	24	6	13	15	86
Life and physical scientists	11	5	–	–	–	69	5	39	–	5	10	37
Registered nurses, dietitians, and therapists	30	–	–	223	4	5 624	2 496	342	60	213	30	88
Social scientists	4	–	–	4	–	31	38	20	5	14	16	20
Writers, artists, and entertainers	127	14	5	191	132	15	10	118	62	297	175	106
Other professional, technical, and kindred workers	151	52	–	66	229	1 656	1 090	22 429	4 452	1 972	1 899	1 058
Managers and administrators, except farm	**304**	**109**	**642**	**593**	**347**	**430**	**602**	**859**	**391**	**302**	**193**	**1 532**
Salaried	212	60	305	271	236	424	532	859	277	290	166	1 532
Self-employed	92	49	337	322	111	6	70	–	114	12	27	–
Sales workers	**225**	**69**	**19**	**225**	**201**	**31**	**27**	**59**	**52**	**60**	**91**	**76**
Clerical and kindred workers	**2 859**	**1 223**	**775**	**2 021**	**785**	**4 367**	**3 460**	**8 662**	**1 969**	**3 839**	**4 883**	**13 841**
Bookkeepers	324	386	165	321	76	357	623	342	65	274	685	862
Cashiers	19	30	111	158	343	97	–	346	71	23	17	86
Counter clerks, except food	44	42	203	582	24	21	–	122	29	15	21	25
File clerks	66	–	6	26	–	121	61	139	45	58	33	369
Office machine operators	270	11	–	5	28	92	8	219	51	98	192	656
Bookkeeping and billing machine operators	–	5	–	5	5	32	5	10	15	–	23	41
Receptionists	124	20	25	141	28	538	1 126	182	148	118	121	127
Secretaries	621	234	65	185	128	1 033	979	3 705	796	2 054	2 100	2 569
Stenographers	52	4	–	–	–	28	42	47	12	159	48	680
Typists	386	35	5	71	9	338	173	765	148	489	235	1 880
Other clerical and kindred workers	953	461	195	532	149	1 742	448	2 795	604	551	1 431	6 587
Craftsmen and kindred workers	**63**	**316**	**6**	**293**	**33**	**30**	**57**	**173**	**54**	**35**	**39**	**852**
Foremen, n.e.c	10	5	–	45	–	4	–	19	16	10	–	25
Operatives, except transport	**248**	**166**	**107**	**3 903**	**12**	**507**	**146**	**123**	**18**	**80**	**92**	**644**
Assemblers	10	–	–	–	7	26	6	–	–	5	18	185
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	11	–	–	15	–	4	–	–	–	–	4	95
Other operatives, except transport	227	166	107	3 888	5	477	140	123	18	75	70	364
Transport equipment operatives	11	22	–	58	8	5	9	38	–	–	–	17
Laborers, except farm	15	15	9	126	25	84	11	19	21	46	22	428
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**607**	**134**	**3 635**	**23 243**	**895**	**12 247**	**10 320**	**7 371**	**2 274**	**2 292**	**2 479**	**931**
Cleaning service workers	525	58	1 759	191	63	1 044	514	776	255	460	40	270
Personal service workers	50	30	951	8 196	210	174	222	1 033	835	1 062	33	120
Other service workers, including private household	32	46	925	14 856	622	11 029	9 584	5 562	1 184	770	2 406	541

Table 180. Occupation of Employed Persons by Industry Group 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

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
OKLAHOMA CITY SMSA												
Total employed	**262 076**	**3 463**	**5 151**	**15 723**	**36 067**	**1 069**	**1 039**	**223**	**86**	**3 251**	**4 533**	**8 211**
Professional, technical, and kindred workers	**42 881**	**151**	**1 693**	**802**	**3 665**	**55**	**67**	**10**	–	**207**	**787**	**845**
Accountants	3 701	–	317	97	468	22	10	–	–	29	64	101
Architects	235	4	–	–	–	–	–	–	–	–	–	–
Computer specialists	985	6	47	27	158	–	–	–	–	14	86	32
Engineers	4 777	10	580	300	1 054	7	34	–	–	41	274	358
Chemical	66	–	29	–	31	–	–	–	–	–	6	–
Civil	818	–	9	216	61	–	30	–	–	5	–	5
Electrical and electronic	1 123	–	22	9	319	7	–	–	–	–	90	185
Industrial	949	–	34	15	214	–	4	–	–	16	39	108
Mechanical	351	–	9	15	130	–	–	–	–	–	62	41
Other engineers	1 470	10	477	45	299	–	–	–	–	20	77	19
Mathematical specialists	146	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	1 055	22	412	25	60	–	–	–	–	–	14	4
Chemists	208	–	9	14	26	–	–	–	–	–	9	–
Personnel and labor relations workers	1 176	–	28	14	168	6	–	4	–	5	10	70
Social scientists	348	–	11	–	32	–	–	–	–	–	18	5
Engineering and science technicians	3 124	25	144	213	694	15	13	6	–	99	242	175
Draftsmen	1 074	5	85	131	301	15	8	6	–	94	99	18
Electrical and electronic engineering technicians	1 214	–	5	5	221	–	–	–	–	–	82	124
Industrial and mechanical engineering technicians	111	–	–	–	30	–	–	–	–	–	16	5
Technicians, except health, and engineering and science	1 180	–	15	5	24	–	–	–	–	–	–	5
Writers, artists, and entertainers	2 688	11	16	46	647	5	10	–	–	5	35	17
Other professional, technical, and kindred workers	23 466	73	123	75	360	–	–	–	–	14	44	78
Managers and administrators, except farm	**26 952**	**32**	**761**	**2 127**	**2 654**	**84**	**119**	**15**	**6**	**247**	**306**	**197**
Buyers, purchasing agents, and sales managers	3 552	–	227	72	641	10	23	5	–	35	72	48
Other managers and administrators	23 400	32	534	2 055	2 013	74	96	10	6	212	234	149
Salaried	18 602	5	413	1 240	1 753	74	87	10	6	192	214	149
Self-employed	4 798	27	121	815	260	–	9	–	–	20	20	–
Sales workers	**21 523**	**34**	**90**	**151**	**1 927**	**78**	**44**	**10**	**9**	**119**	**221**	**74**
Clerical and kindred workers	**55 650**	**82**	**1 305**	**1 201**	**4 816**	**118**	**137**	**27**	**11**	**378**	**544**	**897**
Bookkeepers	5 817	11	170	342	549	24	25	–	–	48	51	48
Cashiers	3 792	4	5	–	23	–	–	–	–	–	–	4
Estimators and investigators, n.e.c	1 076	–	25	128	105	–	–	6	–	41	–	18
Office machine operators	2 779	–	84	34	331	–	–	–	–	29	27	74
Shipping and receiving clerks	1 414	5	17	–	405	9	4	6	–	45	75	57
Stock clerks and storekeepers	2 758	–	5	31	293	15	–	5	–	16	56	110
Other clerical and kindred workers	38 014	62	999	666	3 110	70	108	10	11	199	335	586
Craftsmen and kindred workers	**35 926**	**85**	**496**	**8 492**	**6 879**	**346**	**211**	**49**	**31**	**592**	**1 049**	**1 432**
Blacksmiths, forgemen, hammermen, and boilermakers	37	–	–	–	18	–	–	–	–	6	–	–
Brickmasons and stonemasons	514	–	–	487	6	–	6	–	–	–	–	–
Carpenters	2 692	6	11	1 970	208	119	5	5	–	15	–	12
Cranemen, derrickmen, and hoistmen	261	–	27	81	82	5	25	–	–	13	39	–
Electricians	1 429	–	4	604	190	–	–	4	–	9	14	146
Excavating, grading, and road machine operators	638	4	26	493	11	–	6	–	–	–	–	–
Foremen, n.e.c	4 821	35	212	526	1 745	49	42	10	13	172	207	430
Mechanics and repairmen	11 297	17	92	411	983	9	42	6	–	41	232	92
Automobile, including body	3 319	–	5	29	281	–	16	–	–	13	9	5
Machinists, job setters, and toolmakers	1 710	–	5	26	1 018	–	21	5	–	109	423	289
Metal craftsmen, except mechanics and machinists	962	–	–	229	377	6	–	19	10	78	58	102
Painters, construction and maintenance, and plasterers and paperhangers	1 273	–	6	838	100	7	–	–	4	20	31	9
Plumbers and pipe fitters	1 066	–	–	775	47	–	–	–	–	10	21	–
Printing craftsmen	1 051	6	–	5	728	–	–	–	4	9	4	5
Stationary engineers and power station operators	631	–	86	3	109	–	7	–	–	–	–	18
Other craftsmen and kindred workers	7 544	17	27	2 044	1 257	151	57	–	–	110	20	329
Operatives, except transport	**23 294**	**28**	**602**	**705**	**13 033**	**299**	**190**	**92**	**29**	**1 374**	**1 461**	**4 436**
Assemblers	2 243	–	–	26	1 878	31	10	–	–	199	371	925
Checkers, examiners, and inspectors; manufacturing	1 297	–	–	–	1 297	6	–	–	–	33	160	664
Filers, polishers, sanders, and buffers	221	–	5	4	183	23	7	–	7	62	19	29
Painters, manufactured articles	335	–	–	–	136	27	–	–	–	45	14	30
Precision machine operatives	524	–	5	5	360	14	–	–	5	62	182	41
Welders and flamecutters	1 893	13	10	122	1 151	–	33	46	–	399	328	97
Other specified operatives	10 625	–	582	444	3 705	83	42	25	–	313	156	545
Machine operatives, miscellaneous specified	2 178	9	–	31	1 701	31	30	13	–	84	84	754
Machine operatives, not specified	880	6	–	6	604	19	22	4	–	70	69	166
Miscellaneous operatives	2 311	–	–	32	1 500	46	32	4	13	65	63	942
Not specified operatives	787	–	–	35	518	19	14	–	4	42	15	243

Table 180. Occupation of Employed Persons by Industry Group 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	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
OKLAHOMA CITY SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	10 172	31	132	461	1 245	42	174	9	–	107	23	50
Deliverymen and routemen	1 848	5	–	41	370	5	21	5	–	16	12	–
Truck drivers	5 935	22	110	353	579	28	142	4	–	70	5	9
Other transport equipment operatives	2 389	4	22	67	296	9	11	–	–	21	6	41
Laborers, except farm	9 873	396	37	1 669	1 184	27	71	6	–	169	94	154
Freight, stock, and material handlers	4 638	9	9	16	657	10	10	6	–	66	52	154
Other specified laborers	3 983	370	15	1 653	165	8	21	–	–	14	10	–
Miscellaneous laborers	311	11	–	–	74	–	–	–	–	26	6	–
Not specified laborers	941	6	13	–	288	9	40	–	–	63	26	–
Farm workers	2 596	2 596	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	33 209	28	35	115	664	20	26	5	–	58	48	126
Cleaning service workers	5 830	20	30	79	291	11	22	–	–	38	24	29
Personal service workers	4 946	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	753	4	–	16	120	–	4	5	–	–	–	57
Other service workers, including private household	21 680	4	5	20	253	9	–	–	–	20	24	40
Female employed	104 283	425	1 186	1 234	11 008	192	209	13	14	596	917	4 188
Professional, technical, and kindred workers	16 151	26	115	42	512	12	15	–	–	10	52	152
Accountants	1 104	–	46	22	165	12	5	–	–	5	26	42
Computer specialists	145	–	–	5	15	–	–	–	–	5	5	–
Life and physical scientists	121	–	6	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	2 866	–	–	–	37	–	–	–	–	–	–	32
Social scientists	100	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	822	6	–	–	174	–	10	–	–	–	–	5
Other professional, technical, and kindred workers	10 993	20	63	15	121	–	–	–	–	–	21	73
Managers and administrators, except farm	4 537	–	27	60	217	5	25	–	–	31	11	14
Salaried	3 607	–	22	43	180	5	16	–	–	31	11	14
Self-employed	930	–	5	17	37	–	9	–	–	–	–	–
Sales workers	8 400	11	5	24	187	5	15	–	–	–	–	4
Clerical and kindred workers	41 475	56	974	907	3 280	95	93	6	5	222	330	625
Bookkeepers	4 925	11	122	293	435	20	19	–	–	48	21	32
Cashiers	3 045	–	–	–	15	–	–	–	–	–	–	–
Counter clerks, except food	583	–	–	–	85	–	–	–	–	5	–	20
File clerks	1 036	–	16	15	78	–	–	–	–	–	20	26
Office machine operators	2 108	–	37	29	298	–	–	–	–	26	23	74
Bookkeeping and billing machine operators	235	–	–	–	17	–	–	–	–	–	–	–
Receptionists	1 273	14	15	39	42	14	5	–	–	–	–	12
Secretaries	10 710	19	472	316	1 007	56	49	–	5	91	155	134
Stenographers	835	–	35	18	27	–	–	–	–	–	6	5
Typists	3 221	12	61	50	234	–	–	–	–	14	12	42
Other clerical and kindred workers	13 739	–	216	147	1 059	5	20	6	–	38	93	280
Craftsmen and kindred workers	2 241	–	15	88	725	5	8	7	–	15	33	347
Foremen, n.e.c	298	–	4	–	141	5	4	–	–	10	16	50
Operatives, except transport	8 587	9	18	37	5 701	60	35	–	9	283	435	2 969
Assemblers	1 357	–	–	10	1 201	5	10	–	–	96	259	742
Checkers, examiners, and inspectors; manufacturing	477	–	–	–	477	6	–	–	–	14	22	287
Packers and wrappers, except meat and produce	557	–	–	–	333	–	11	–	–	28	5	5
Other operatives, except transport	6 196	9	18	27	3 690	49	14	–	9	145	149	1 935
Transport equipment operatives	299	–	6	11	34	–	7	–	–	–	6	6
Laborers, except farm	1 011	53	–	48	196	4	7	–	–	15	26	35
Farm workers	266	266	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	21 316	4	26	17	156	6	4	–	–	20	24	36
Cleaning service workers	1 752	–	21	12	36	6	4	–	–	–	–	6
Personal service workers	3 858	–	–	–	–	–	–	–	–	–	–	–
Other service workers, including private household	15 706	4	5	5	120	–	–	–	–	20	24	30

Table 180. Occupation of Employed Persons by Industry Group 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	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
OKLAHOMA CITY SMSA													
Total employed	**1 465**	**1 026**	**181**	**30**	**2 208**	**4 477**	**315**	**828**	**358**	**3 218**	**762**	**783**	**2 004**
Professional, technical, and kindred workers	**63**	**297**	**4**	**5**	**169**	**189**	**19**	**5**	**–**	**556**	**90**	**70**	**227**
Accountants	25	30	–	–	–	49	11	5	–	42	24	10	46
Architects	–	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	–	10	–	–	–	5	–	–	–	5	–	–	6
Engineers	18	165	–	–	21	42	–	–	–	5	30	39	20
Chemical	–	–	–	–	–	–	–	–	–	–	13	8	4
Civil	–	–	–	–	5	11	–	–	–	–	5	–	–
Electrical and electronic	–	11	–	–	5	5	–	–	–	5	6	5	–
Industrial	–	23	–	–	–	20	–	–	–	–	–	4	–
Mechanical	10	17	–	–	–	–	–	–	–	–	–	–	–
Other engineers	8	114	–	–	11	6	–	–	–	–	6	22	16
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	10	–	–	–	–	16	–	16
Chemists	–	–	–	–	–	5	–	–	–	–	12	–	–
Personnel and labor relations workers	10	4	–	–	–	11	4	–	–	4	–	13	27
Social scientists	–	–	–	–	–	4	–	–	–	–	–	–	5
Engineering and science technicians	–	54	–	–	27	24	–	–	–	–	9	–	30
Draftsmen	–	36	–	–	15	–	–	–	–	–	–	–	10
Electrical and electronic engineering technicians	–	4	–	–	6	5	–	–	–	–	–	–	–
Industrial and mechanical engineering technicians	–	5	–	–	–	4	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	10	–	–	4	–	–	–	–	–	–	–	5
Writers, artists, and entertainers	–	19	4	–	17	15	4	–	–	491	11	4	10
Other professional, technical, and kindred workers	10	5	–	5	100	29	–	–	–	9	–	4	62
Managers and administrators, except farm	**104**	**92**	**36**	**–**	**192**	**429**	**37**	**66**	**21**	**338**	**130**	**64**	**171**
Buyers, purchasing agents, and sales managers	29	9	5	–	22	149	21	–	6	120	17	21	49
Other managers and administrators	75	83	31	–	170	280	16	66	15	218	113	43	122
Salaried	70	68	22	–	130	260	16	24	15	173	103	43	97
Self-employed	5	15	9	–	40	20	–	42	–	45	10	–	25
Sales workers	**33**	**9**	**5**	**–**	**88**	**273**	**25**	**90**	**40**	**379**	**244**	**32**	**154**
Clerical and kindred workers	**168**	**97**	**19**	**9**	**246**	**589**	**74**	**76**	**58**	**793**	**107**	**80**	**388**
Bookkeepers	16	7	9	4	41	137	–	4	10	77	11	9	28
Cashiers	–	–	–	–	–	15	–	–	–	–	–	–	4
Estimators and investigators, n.e.c	–	–	–	–	–	10	6	–	–	13	4	–	7
Office machine operators	11	5	–	–	7	81	4	6	–	34	5	5	43
Shipping and receiving clerks	33	–	–	–	10	49	–	23	27	33	15	15	4
Stock clerks and storekeepers	36	11	–	–	5	21	–	8	–	5	–	5	–
Other clerical and kindred workers	72	74	10	5	183	276	64	35	21	631	72	46	302
Craftsmen and kindred workers	**363**	**300**	**51**	**–**	**484**	**682**	**15**	**47**	**72**	**780**	**40**	**167**	**168**
Blacksmiths, forgemen, hammermen, and boilermakers	–	5	–	–	–	–	–	–	–	–	–	7	–
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	–	–	–	–	–
Carpenters	9	5	19	–	–	13	–	–	–	–	–	6	–
Cranemen, derrickmen, and hoistmen	–	–	–	–	–	–	–	–	–	–	–	–	–
Electricians	–	–	–	–	6	5	–	–	–	–	–	6	–
Excavating, grading, and road machine operators	–	–	–	–	–	5	–	–	–	–	–	–	–
Foremen, n.e.c	87	68	–	–	65	302	6	13	21	110	30	93	27
Mechanics and repairmen	195	133	11	–	71	91	9	5	5	17	–	10	14
Automobile, including body	181	–	–	–	12	30	4	–	–	–	–	–	11
Machinists, job setters, and toolmakers	27	45	–	–	20	34	–	–	16	–	–	22	7
Metal craftsmen, except mechanics and machinists	–	33	13	–	10	35	–	–	–	–	–	13	–
Painters, construction and maintenance, and plasterers and paperhangers	20	6	–	–	–	3	–	–	–	–	–	–	–
Plumbers and pipe fitters	–	–	5	–	–	6	–	–	–	–	–	5	–
Printing craftsmen	10	–	–	–	–	4	–	–	30	633	5	5	19
Stationary engineers and power station operators	–	–	–	–	–	55	–	–	–	5	5	–	19
Other craftsmen and kindred workers	15	5	3	–	312	129	–	29	–	15	–	–	82
Operatives, except transport	**595**	**208**	**54**	**16**	**823**	**1 439**	**111**	**521**	**116**	**231**	**96**	**316**	**626**
Assemblers	179	58	6	5	40	19	–	–	–	–	11	7	17
Checkers, examiners, and inspectors; manufacturing	40	27	–	–	20	41	9	45	–	8	5	32	207
Filers, polishers, sanders, and buffers	–	–	–	–	25	11	–	–	–	–	–	–	–
Painters, manufactured articles	5	–	–	–	5	–	–	–	–	–	5	–	5
Precision machine operatives	21	17	–	–	–	13	–	–	–	–	–	5	–
Welders and flamecutters	165	5	28	–	6	21	–	–	6	–	–	4	13
Other specified operatives	84	10	–	6	609	881	102	378	17	62	43	42	307
Machine operatives, miscellaneous specified	15	19	6	–	15	279	–	39	59	82	13	131	47
Machine operatives, not specified	31	19	–	–	10	54	–	10	24	56	–	42	8
Miscellaneous operatives	27	26	5	–	61	95	–	39	5	18	15	44	–
Not specified operatives	28	27	9	5	32	25	–	10	5	5	4	9	22

Table 180. Occupation of Employed Persons by Industry Group 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	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
OKLAHOMA CITY SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	56	–	–	–	49	495	7	–	29	62	20	7	115
Deliverymen and routemen	–	–	–	–	4	287	–	–	–	11	9	–	–
Truck drivers	42	–	–	–	14	153	4	–	23	35	11	–	39
Other transport equipment operatives	14	–	–	–	31	55	3	–	6	16	–	7	76
Laborers, except farm	73	20	5	–	53	297	23	4	17	16	35	47	73
Freight, stock, and material handlers	35	6	–	–	12	178	18	4	5	5	31	37	28
Other specified laborers	5	5	–	–	17	35	–	–	12	–	4	–	34
Miscellaneous laborers	–	–	–	–	11	26	5	–	–	–	–	–	–
Not specified laborers	33	9	5	–	13	58	–	–	–	11	–	10	11
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	10	3	7	–	104	84	4	19	5	63	–	–	82
Cleaning service workers	6	3	7	–	19	50	4	13	5	36	–	–	24
Personal service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	–	–	–	–	5	22	–	6	–	11	–	–	10
Other service workers, including private household	4	–	–	–	80	12	–	–	–	16	–	–	48
Female employed	147	145	26	4	647	896	158	595	90	1 165	161	248	597
Professional, technical, and kindred workers	5	10	4	–	19	21	–	–	–	181	14	–	17
Accountants	–	10	–	–	–	16	–	–	–	28	4	–	17
Computer specialists	–	–	–	–	–	5	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	–	5	–	–	–	–	–	–	–	–
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	–	–	4	–	–	–	–	–	–	149	6	–	–
Other professional, technical, and kindred workers	5	–	–	–	14	–	–	–	–	4	4	–	–
Managers and administrators, except farm	–	10	–	–	29	15	–	28	–	41	5	–	3
Salaried	–	10	–	–	29	15	–	4	–	37	5	–	3
Self-employed	–	–	–	–	–	–	–	24	–	4	–	–	–
Sales workers	–	–	–	–	4	22	–	33	–	67	23	5	9
Clerical and kindred workers	79	83	19	4	159	369	62	48	31	619	78	46	307
Bookkeepers	10	7	9	4	29	101	–	–	10	77	11	9	28
Cashiers	–	–	–	–	–	15	–	–	–	–	–	–	–
Counter clerks, except food	–	–	–	–	–	–	5	–	6	44	–	5	–
File clerks	–	–	–	–	11	–	–	–	–	16	–	–	5
Office machine operators	11	5	–	–	–	77	4	6	–	29	5	5	33
Bookkeeping and billing machine operators	–	–	–	–	–	10	–	–	–	7	–	–	–
Receptionists	–	–	–	–	–	7	–	–	–	4	–	–	–
Secretaries	25	39	5	–	54	78	25	5	5	141	44	17	79
Stenographers	–	–	–	–	–	6	–	5	–	–	–	–	5
Typists	5	16	–	–	23	15	–	–	–	73	–	–	34
Other clerical and kindred workers	28	16	5	–	42	70	28	32	10	235	18	10	123
Craftsmen and kindred workers	10	10	3	–	60	22	–	9	10	149	–	16	21
Foremen, n.e.c	5	4	–	–	10	6	–	9	–	18	–	4	–
Operatives, except transport	53	32	–	–	337	404	79	471	49	87	25	160	213
Assemblers	25	4	–	–	30	9	–	–	–	–	11	–	10
Checkers, examiners, and inspectors; manufacturing	5	5	–	–	11	8	5	45	–	4	–	15	50
Packers and wrappers, except meat and produce	–	–	–	–	21	218	3	10	–	4	6	17	5
Other operatives, except transport	23	23	–	–	275	169	71	416	49	79	8	128	148
Transport equipment operatives	–	–	–	–	–	15	–	–	–	–	–	–	–
Laborers, except farm	–	–	–	–	18	23	17	–	–	–	16	21	14
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	–	–	–	21	5	–	6	–	21	–	–	13
Cleaning service workers	–	–	–	–	–	5	–	6	–	5	–	–	4
Personal service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Other service workers, including private household	–	–	–	–	21	–	–	–	–	16	–	–	9

Table 180. Occupation of Employed Persons by Industry Group 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	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
OKLAHOMA CITY SMSA													
Total employed	**1 450**	**6 433**	**2 408**	**3 867**	**4 498**	**13 661**	**8 190**	**5 830**	**6 778**	**8 596**	**14 902**	**6 258**	**9 511**
Professional, technical, and kindred workers	**23**	**88**	**166**	**670**	**535**	**629**	**131**	**85**	**208**	**97**	**729**	**320**	**441**
Accountants	13	53	39	73	101	123	31	30	97	-	59	112	223
Architects	-	-	-	11	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	21	39	4	-	-	-	-	43	54
Engineers	5	-	38	192	137	215	5	6	48	-	43	38	25
Chemical	-	-	-	-	6	-	-	-	-	-	-	-	-
Civil	5	-	22	-	25	25	-	6	-	-	6	11	4
Electrical and electronic	-	-	-	183	87	20	-	-	5	-	6	-	5
Industrial	-	-	5	9	5	25	-	-	16	-	5	27	5
Mechanical	-	-	-	-	10	15	-	-	7	-	-	-	-
Other engineers	-	-	11	-	4	130	5	-	20	-	26	-	11
Mathematical specialists	-	-	-	6	6	-	-	-	-	-	-	10	-
Life and physical scientists	-	-	-	4	25	17	-	-	10	-	4	-	4
Chemists	-	-	-	-	15	5	-	-	5	-	-	-	-
Personnel and labor relations workers	-	18	15	27	5	28	21	28	5	15	18	42	22
Social scientists	-	-	-	-	9	27	-	-	4	-	5	-	9
Engineering and science technicians	-	-	5	134	78	65	3	-	24	-	22	-	22
Draftsmen	-	-	5	21	25	42	-	-	18	-	16	-	-
Electrical and electronic engineering technicians	-	-	-	102	32	13	3	-	-	-	6	-	12
Industrial and mechanical engineering technicians	-	-	-	7	5	-	-	-	-	-	-	-	6
Technicians, except health, and engineering and science	-	11	47	27	6	24	-	-	5	-	6	-	-
Writers, artists, and entertainers	-	6	-	171	37	28	36	9	5	71	67	23	22
Other professional, technical, and kindred workers	5	-	22	25	110	63	31	12	10	11	505	52	60
Managers and administrators, except farm	**210**	**371**	**232**	**283**	**288**	**2 149**	**951**	**1 063**	**1 553**	**1 268**	**2 300**	**756**	**2 107**
Buyers, purchasing agents, and sales managers	-	15	33	28	37	644	417	177	154	8	424	129	40
Other managers and administrators	210	356	199	255	251	1 505	534	886	1 399	1 260	1 876	627	2 067
Salaried	210	267	184	255	241	1 212	477	633	794	797	1 170	607	1 796
Self-employed	-	89	15	-	10	293	57	253	605	463	706	20	271
Sales workers	**15**	**44**	**28**	**133**	**43**	**3 142**	**4 064**	**488**	**1 216**	**125**	**5 371**	**2 033**	**1 630**
Clerical and kindred workers	**222**	**893**	**617**	**1 825**	**918**	**3 295**	**2 019**	**1 779**	**788**	**691**	**2 441**	**3 024**	**4 377**
Bookkeepers	11	100	57	38	53	672	258	86	291	70	630	190	675
Cashiers	-	21	26	9	5	38	702	1 258	39	525	413	26	151
Estimators and investigators, n.e.c	-	20	4	24	55	34	47	12	9	-	16	90	164
Office machine operators	13	58	24	101	29	177	83	39	36	6	50	110	302
Shipping and receiving clerks	8	119	10	-	12	323	57	50	6	-	52	2	10
Stock clerks and storekeepers	18	25	15	5	19	216	115	135	20	23	83	10	23
Other clerical and kindred workers	172	550	481	1 648	745	1 835	757	199	387	67	1 197	2 596	3 052
Craftsmen and kindred workers	**447**	**686**	**422**	**803**	**1 212**	**1 513**	**327**	**202**	**1 189**	**47**	**1 507**	**44**	**231**
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	-	-	-	-	-	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	-	-	-	-	-	-	-	-	-	-	5
Carpenters	-	-	-	-	-	16	5	4	-	-	126	6	31
Cranemen, derrickmen, and hoistmen	-	-	-	-	20	25	6	-	-	-	-	-	-
Electricians	26	5	9	9	55	6	5	-	-	-	9	-	5
Excavating, grading, and road machine operators	5	-	-	-	25	12	-	-	-	-	-	-	-
Foremen, n.e.c	37	223	37	48	265	364	107	52	70	6	138	15	46
Mechanics and repairmen	154	406	302	27	253	690	117	14	1 063	4	336	-	35
Automobile, including body	4	359	47	5	51	158	50	4	1 001	-	16	-	5
Machinists, job setters, and toolmakers	34	8	9	5	5	67	-	-	15	-	11	-	-
Metal craftsmen, except mechanics and machinists	11	-	4	-	-	65	-	-	-	-	5	-	-
Painters, construction and maintenance, and plasterers and paperhangers	6	11	27	-	-	16	10	-	6	7	22	-	47
Plumbers and pipe fitters	4	-	-	5	27	15	-	-	-	-	36	-	9
Printing craftsmen	-	-	4	15	10	33	-	4	5	-	25	5	14
Stationary engineers and power station operators	-	10	11	4	173	14	-	-	9	-	5	-	11
Other craftsmen and kindred workers	170	23	19	690	379	190	77	128	21	30	794	18	28
Operatives, except transport	**64**	**105**	**87**	**107**	**211**	**789**	**128**	**778**	**1 532**	**39**	**553**	**9**	**33**
Assemblers	-	6	11	41	14	56	-	4	5	-	5	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	-	-	-	6	-	-	-	5	-	-	-	-
Painters, manufactured articles	-	-	-	-	-	-	-	-	72	-	-	-	-
Precision machine operatives	-	-	-	-	-	21	-	-	-	-	-	-	-
Welders and flamecutters	14	-	6	6	37	120	6	-	12	-	4	-	-
Other specified operatives	11	93	-	29	87	361	114	702	1 402	33	485	-	29
Machine operatives, miscellaneous specified	-	6	-	16	20	71	-	22	5	6	23	6	-
Machine operatives, not specified	-	-	-	-	17	71	4	4	-	-	-	3	4
Miscellaneous operatives	30	-	63	11	26	69	4	37	18	-	16	-	-
Not specified operatives	9	-	7	4	4	20	-	9	13	-	20	-	-

Table 180. **Occupation of Employed Persons by Industry Group 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	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
OKLAHOMA CITY SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	**305**	**3 571**	**529**	**8**	**526**	**1 163**	**94**	**182**	**112**	**20**	**601**	**9**	**39**
Deliverymen and routemen	–	91	9	–	11	505	72	63	51	16	344	–	6
Truck drivers	18	3 394	41	4	163	533	22	62	27	4	177	9	5
Other transport equipment operatives	287	86	479	4	352	125	–	57	34	–	80	–	28
Laborers, except farm	**124**	**650**	**180**	**11**	**621**	**826**	**218**	**1 097**	**99**	**16**	**400**	**7**	**106**
Freight, stock, and material handlers	11	588	67	4	297	571	192	1 064	18	6	106	3	10
Other specified laborers	21	25	76	7	234	106	4	16	66	–	206	4	68
Miscellaneous laborers	49	13	5	–	47	15	–	–	–	–	19	–	5
Not specified laborers	43	24	32	–	43	134	22	17	15	10	69	–	23
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**40**	**25**	**147**	**27**	**144**	**155**	**258**	**156**	**81**	**6 293**	**1 000**	**56**	**547**
Cleaning service workers	9	10	58	17	118	103	105	28	61	109	128	46	377
Personal service workers	–	–	46	–	6	12	41	–	7	80	18	–	41
Guards and watchmen	–	15	15	5	–	6	30	–	4	5	7	–	45
Other service workers, including private household	31	–	28	5	20	34	82	128	9	6 099	847	10	84
Female employed	**74**	**573**	**530**	**2 131**	**606**	**3 193**	**5 592**	**2 052**	**907**	**5 523**	**7 061**	**2 991**	**5 269**
Professional, technical, and kindred workers	–	**5**	**26**	**124**	**57**	**87**	**86**	**20**	**25**	**31**	**120**	**70**	**142**
Accountants	–	5	10	38	19	19	20	20	25	–	15	41	107
Computer specialists	–	–	–	–	–	6	–	–	–	–	–	19	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	–	–	–	–	–	–	5	–	–	5
Social scientists	–	–	–	–	–	9	–	–	–	–	5	–	–
Writers, artists, and entertainers	–	–	–	17	10	–	36	–	–	20	30	–	5
Other professional, technical, and kindred workers	–	–	16	69	28	53	30	–	–	6	70	10	25
Managers and administrators, except farm	**6**	**25**	**42**	**60**	–	**141**	**243**	**148**	**65**	**507**	**624**	**88**	**525**
Salaried	6	16	42	60	–	112	211	90	49	297	383	88	471
Self-employed	–	9	–	–	–	29	32	58	16	210	241	–	54
Sales workers	–	–	**5**	**58**	**5**	**237**	**3 149**	**281**	**58**	**63**	**2 957**	**347**	**610**
Clerical and kindred workers	**51**	**430**	**285**	**1 730**	**460**	**2 331**	**1 816**	**1 055**	**644**	**592**	**2 075**	**2 447**	**3 801**
Bookkeepers	7	79	30	38	22	560	253	80	248	55	535	179	636
Cashiers	–	16	–	9	5	22	671	766	35	472	387	26	145
Counter clerks, except food	–	–	–	39	–	27	44	–	11	–	11	–	–
File clerks	5	9	–	31	13	88	39	11	4	–	38	152	108
Office machine operators	–	40	24	101	29	137	72	33	36	6	50	91	215
Bookkeeping and billing machine operators	–	–	–	4	–	24	6	5	25	–	15	–	83
Receptionists	–	13	23	19	6	31	–	3	10	–	30	27	61
Secretaries	4	102	79	106	116	704	105	53	182	30	254	875	900
Stenographers	6	23	6	21	12	41	4	–	–	–	12	34	25
Typists	3	32	16	75	34	81	58	–	38	–	96	354	127
Other clerical and kindred workers	26	116	107	1 291	223	640	570	109	80	29	662	709	1 584
Craftsmen and kindred workers	–	**10**	**40**	**80**	**10**	**46**	**74**	**77**	**23**	**26**	**238**	**5**	**5**
Foremen, n.e.c	–	5	5	12	–	9	43	16	5	6	15	5	–
Operatives, except transport	–	**23**	**16**	**69**	**37**	**202**	**62**	**299**	**56**	**9**	**272**	**9**	**4**
Assemblers	–	–	11	36	6	33	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	19	–	–	–	59	–	35	–	5	14	–	–
Other operatives, except transport	–	4	5	33	31	110	62	264	56	4	258	9	4
Transport equipment operatives	**6**	**66**	**44**	–	**20**	**37**	**6**	–	**9**	**4**	**26**	–	–
Laborers, except farm	–	**14**	**15**	–	**5**	**77**	**14**	**72**	**2**	–	**50**	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**11**	–	**57**	**10**	**12**	**35**	**142**	**100**	**25**	**4 291**	**699**	**25**	**182**
Cleaning service workers	–	–	9	5	–	5	30	–	21	15	25	15	113
Personal service workers	–	–	37	–	6	5	41	–	–	61	18	–	31
Other service workers, including private household	11	–	11	5	6	25	71	100	4	4 215	656	10	38

Table 180. Occupation of Employed Persons by Industry Group 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	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
OKLAHOMA CITY SMSA												
Total employed	**4 591**	**4 960**	**2 380**	**10 163**	**2 102**	**9 838**	**5 780**	**16 716**	**4 592**	**5 355**	**7 257**	**35 556**
Professional, technical, and kindred workers	**817**	**137**	**81**	**247**	**395**	**3 601**	**2 187**	**9 798**	**2 112**	**2 109**	**3 965**	**6 999**
Accountants	135	28	57	16	10	33	44	38	15	75	668	746
Architects	5	-	-	-	-	-	-	3	-	4	208	-
Computer specialists	67	-	-	5	-	11	-	49	6	40	46	362
Engineers	48	31	-	-	12	18	28	36	10	20	328	1 550
Chemical	-	-	-	-	-	-	-	-	-	-	-	-
Civil	6	-	-	-	7	-	18	5	-	11	139	242
Electrical and electronic	17	5	-	-	-	-	-	19	-	-	38	388
Industrial	15	10	-	-	-	8	-	-	10	-	18	528
Mechanical	-	5	-	-	-	10	5	12	-	3	32	98
Other engineers	10	11	-	-	5	-	5	-	-	6	101	294
Mathematical specialists	-	-	-	-	-	5	6	5	-	6	16	86
Life and physical scientists	25	-	-	-	-	54	31	71	7	5	120	159
Chemists	14	-	-	-	-	4	9	21	-	-	20	66
Personnel and labor relations workers	120	10	-	-	-	49	4	41	27	22	6	443
Social scientists	16	-	-	4	-	35	53	5	10	16	27	85
Engineering and science technicians	127	4	-	7	-	33	29	110	22	5	316	1 042
Draftsmen	86	4	-	-	-	-	15	38	-	-	204	78
Electrical and electronic engineering technicians	10	-	-	-	-	4	5	18	-	-	22	756
Industrial and mechanical engineering technicians	5	-	-	-	-	-	-	-	-	5	-	53
Technicians, except health, and engineering and science	16	4	-	18	-	5	17	17	11	5	8	909
Writers, artists, and entertainers	182	13	10	149	219	19	15	148	35	208	259	236
Other professional, technical, and kindred workers	76	47	14	48	154	3 339	1 960	9 275	1 969	1 703	1 963	1 381
Managers and administrators, except farm	**535**	**451**	**362**	**581**	**357**	**273**	**297**	**856**	**351**	**318**	**182**	**3 284**
Buyers, purchasing agents, and sales managers	52	13	26	15	9	15	11	18	10	7	5	325
Other managers and administrators	483	438	336	566	348	258	286	838	341	311	177	2 959
Salaried	356	243	225	393	274	258	269	838	270	305	158	2 959
Self-employed	127	195	111	173	74	-	17	-	71	6	19	-
Sales workers	**352**	**133**	**6**	**125**	**100**	**17**	**6**	**9**	**22**	**31**	**101**	**87**
Clerical and kindred workers	**1 539**	**652**	**394**	**695**	**398**	**1 628**	**1 225**	**2 691**	**827**	**1 559**	**1 786**	**11 963**
Bookkeepers	169	129	45	43	32	47	203	129	30	106	248	433
Cashiers	11	26	45	76	148	32	-	124	33	5	6	41
Estimators and investigators, n.e.c	84	28	-	-	10	5	11	-	6	13	21	165
Office machine operators	178	5	-	-	17	45	13	121	25	91	153	654
Shipping and receiving clerks	-	31	-	5	-	17	-	13	23	-	12	237
Stock clerks and storekeepers	25	26	12	-	5	62	5	43	-	20	6	1 518
Other clerical and kindred workers	1 072	407	292	571	186	1 420	993	2 261	710	1 324	1 340	8 915
Craftsmen and kindred workers	**296**	**2 641**	**44**	**278**	**152**	**216**	**103**	**460**	**96**	**140**	**129**	**6 789**
Blacksmiths, forgemen, hammermen, and boilermakers	-	19	-	-	-	-	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	-	-	-	-	-	5	-	6	-	5
Carpenters	15	-	9	15	-	43	5	42	15	20	9	136
Cranemen, derrickmen, and hoistmen	10	-	-	-	-	-	-	-	-	-	-	10
Electricians	-	39	-	4	-	28	-	21	-	-	-	410
Excavating, grading, and road machine operators	-	12	-	-	-	-	-	9	-	-	-	41
Foremen, n.e.c	43	102	-	47	5	12	11	31	13	7	5	619
Mechanics and repairmen	99	1 836	12	35	54	10	6	108	21	18	19	4 175
Automobile, including body	8	1 145	-	9	5	-	-	5	-	5	-	127
Machinists, job setters, and toolmakers	11	47	4	5	-	8	-	-	-	-	-	432
Metal craftsmen, except mechanics and machinists	-	14	-	-	-	-	-	-	-	5	-	252
Painters, construction and maintenance, and plasterers and paperhangers	5	5	-	13	-	31	-	27	-	4	-	92
Plumbers and pipe fitters	-	-	-	-	-	17	-	50	5	15	-	61
Printing craftsmen	16	-	-	-	7	5	-	60	4	22	-	83
Stationary engineers and power station operators	11	7	14	5	5	38	-	35	6	11	5	59
Other craftsmen and kindred workers	86	560	5	154	81	24	81	72	32	32	91	414
Operatives, except transport	**288**	**486**	**21**	**1 319**	**27**	**175**	**33**	**112**	**4**	**54**	**70**	**1 902**
Assemblers	14	-	-	-	-	-	-	-	-	5	11	167
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	-	-	-	-	-	-	-	-	-	-	18
Painters, manufactured articles	5	96	-	-	-	5	-	-	-	-	-	21
Precision machine operatives	-	15	-	-	-	-	4	-	-	-	-	114
Welders and flamecutters	18	111	-	-	-	-	-	10	-	5	-	248
Other specified operatives	104	145	15	1 302	18	155	19	52	4	23	38	673
Machine operatives, miscellaneous specified	17	40	6	9	-	11	-	5	-	6	6	162
Machine operatives, not specified	16	20	-	-	5	-	-	6	-	5	-	109
Miscellaneous operatives	114	36	-	4	4	-	6	32	-	5	9	295
Not specified operatives	-	23	-	4	-	4	4	7	-	5	6	95

Table 180. Occupation of Employed Persons by Industry Group 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	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
OKLAHOMA CITY SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	84	214	18	234	15	55	23	51	11	4	19	416
Deliverymen and routemen	42	26	–	143	4	4	–	–	6	–	–	39
Truck drivers	37	63	4	51	5	6	17	29	–	4	–	196
Other transport equipment operatives	5	125	14	40	6	45	6	22	5	–	19	181
Laborers, except farm	109	111	13	261	131	65	9	90	73	55	74	1 241
Freight, stock, and material handlers	35	27	–	30	–	30	–	16	11	9	–	852
Other specified laborers	34	70	13	213	117	35	–	54	32	11	74	294
Miscellaneous laborers	7	9	–	–	–	–	5	–	6	23	–	23
Not specified laborers	33	5	–	18	14	–	4	20	24	12	–	72
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	571	135	1 441	6 423	527	3 808	1 897	2 649	1 096	1 085	931	2 875
Cleaning service workers	385	44	617	127	68	391	181	1 088	275	462	73	530
Personal service workers	16	5	350	2 904	186	127	50	247	396	377	14	23
Guards and watchmen	104	14	–	–	4	17	8	54	16	9	12	243
Other service workers, including private household	66	72	474	3 392	269	3 273	1 658	1 260	409	237	832	2 079
Female employed	2 056	848	1 377	7 484	865	7 392	4 134	10 515	3 164	3 031	3 358	9 704
Professional, technical, and kindred workers	266	43	16	118	146	2 602	998	6 306	1 420	861	933	954
Accountants	81	7	11	11	5	9	33	15	15	38	143	184
Computer specialists	34	–	–	–	–	–	–	4	6	8	–	48
Life and physical scientists	5	–	–	–	–	44	5	30	–	5	4	22
Registered nurses, dietitians, and therapists	25	–	–	19	–	1 917	601	113	19	56	20	49
Social scientists	–	–	–	4	–	16	20	5	5	10	16	10
Writers, artists, and entertainers	67	9	5	65	60	5	5	49	10	88	89	72
Other professional, technical, and kindred workers	54	27	–	19	81	611	334	6 090	1 365	656	661	569
Managers and administrators, except farm	92	38	109	141	100	120	160	203	175	94	56	471
Salaried	61	30	73	87	85	120	148	203	125	88	46	471
Self-employed	31	8	36	54	15	–	12	–	50	6	10	–
Sales workers	111	44	6	46	55	5	6	4	22	17	59	28
Clerical and kindred workers	1 274	511	213	615	305	1 484	1 182	2 392	715	1 407	1 549	6 894
Bookkeepers	158	118	31	32	32	42	203	104	25	85	228	284
Cashiers	11	16	41	66	118	32	–	118	33	5	–	36
Counter clerks, except food	7	15	63	201	9	21	–	4	10	–	16	20
File clerks	18	–	–	17	–	33	35	28	22	33	5	238
Office machine operators	125	5	–	–	17	28	3	83	15	60	99	475
Bookkeeping and billing machine operators	–	5	–	–	–	–	–	10	–	–	14	27
Receptionists	79	8	6	39	14	149	325	72	92	65	25	66
Secretaries	328	91	29	55	51	433	383	1 010	332	792	624	1 258
Stenographers	21	–	–	–	–	20	23	24	6	31	9	437
Typists	116	23	–	31	4	111	68	288	41	170	70	1 028
Other clerical and kindred workers	411	235	43	174	60	615	142	661	139	166	473	3 052
Craftsmen and kindred workers	25	88	–	67	20	16	4	55	21	17	28	438
Foremen, n.e.c	10	–	–	10	–	–	–	–	–	–	–	12
Operatives, except transport	87	53	21	1 028	5	138	27	39	–	34	26	306
Assemblers	10	–	–	–	–	–	–	–	–	5	4	41
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	11	–	–	5	–	4	–	–	–	–	4	68
Other operatives, except transport	66	53	21	1 023	5	134	27	39	–	29	18	197
Transport equipment operatives	–	13	–	9	–	–	–	–	–	–	–	8
Laborers, except farm	11	–	4	35	10	31	–	–	6	23	22	323
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	190	58	1 008	5 425	224	2 996	1 757	1 516	805	578	685	282
Cleaning service workers	160	21	460	64	10	228	98	170	73	70	13	78
Personal service workers	11	5	294	2 192	70	88	50	213	375	346	5	10
Other service workers, including private household	19	32	254	3 169	144	2 680	1 609	1 133	357	162	667	194

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Table 180. Occupation of Employed Persons by Industry Group 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	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
TULSA SMSA												
Total employed	**188 124**	**2 764**	**9 631**	**11 609**	**38 698**	**482**	**2 159**	**1 365**	**428**	**6 361**	**6 786**	**2 046**
Professional, technical, and kindred workers	**29 321**	**84**	**3 219**	**962**	**4 615**	**20**	**94**	**53**	**15**	**677**	**774**	**338**
Accountants	3 425	14	790	97	601	6	14	5	6	110	115	44
Architects	190	-	6	20	9	-	-	-	-	5	4	-
Computer specialists	940	-	350	32	175	-	-	5	-	22	33	4
Engineers	4 098	-	683	465	1 514	-	29	11	5	216	340	119
Chemical	200	-	55	-	100	-	-	-	-	-	4	-
Civil	602	-	51	357	75	-	5	5	-	4	9	6
Electrical and electronic	567	-	32	35	174	-	5	-	-	5	22	57
Industrial	447	-	45	11	236	-	-	-	-	60	34	15
Mechanical	535	-	54	34	315	-	5	-	-	53	154	5
Other engineers	1 747	-	446	28	614	-	14	6	5	94	117	36
Mathematical specialists	54	-	10	6	20	-	-	-	-	-	-	-
Life and physical scientists	729	6	442	25	90	-	-	11	-	-	9	-
Chemists	250	-	92	4	78	-	-	11	-	-	9	-
Personnel and labor relations workers	624	-	83	31	165	-	9	17	-	24	-	5
Social scientists	294	-	44	12	62	-	-	-	-	-	-	-
Engineering and science technicians	2 473	-	393	185	1 056	6	34	4	4	263	188	124
Draftsmen	1 284	-	180	97	614	6	6	4	4	232	136	51
Electrical and electronic engineering technicians	366	-	16	-	190	-	-	-	-	-	22	73
Industrial and mechanical engineering technicians	47	-	5	-	42	-	-	-	-	5	8	-
Technicians, except health, and engineering and science	469	-	26	29	103	-	-	-	-	-	20	-
Writers, artists, and entertainers	1 705	15	58	21	451	8	4	-	-	9	40	38
Other professional, technical, and kindred workers	14 320	49	334	39	369	-	4	-	-	28	25	4
Managers and administrators, except farm	**18 262**	**53**	**894**	**1 330**	**2 845**	**62**	**97**	**33**	**30**	**356**	**617**	**174**
Buyers, purchasing agents, and sales managers	2 533	5	146	70	589	6	15	10	5	95	147	44
Other managers and administrators	15 729	48	748	1 260	2 256	56	82	23	25	261	470	130
Salaried	12 050	39	582	763	2 029	34	78	23	25	232	436	124
Self-employed	3 679	9	166	497	227	22	4	-	-	29	34	6
Sales workers	**15 580**	**31**	**105**	**154**	**1 458**	**41**	**72**	**20**	**-**	**116**	**199**	**52**
Clerical and kindred workers	**36 900**	**106**	**2 748**	**1 146**	**5 330**	**30**	**215**	**122**	**63**	**702**	**890**	**299**
Bookkeepers	4 151	31	294	231	605	-	29	-	20	76	64	71
Cashiers	2 497	-	23	4	32	-	-	5	-	-	-	-
Estimators and investigators, n.e.c	811	-	35	149	109	-	-	-	-	35	12	11
Office machine operators	1 987	-	269	11	325	-	11	10	-	32	62	5
Shipping and receiving clerks	997	-	21	14	437	8	39	4	10	75	108	32
Stock clerks and storekeepers	1 204	-	27	5	391	-	9	19	-	48	118	16
Other clerical and kindred workers	25 253	75	2 079	732	3 431	22	127	84	33	436	526	164
Craftsmen and kindred workers	**27 540**	**45**	**1 248**	**5 711**	**8 341**	**137**	**328**	**416**	**82**	**1 235**	**1 528**	**444**
Blacksmiths, forgemen, hammermen, and boilermakers	119	-	11	-	97	-	-	5	-	62	10	-
Brickmasons and stonemasons	333	-	-	294	24	-	5	19	-	-	-	-
Carpenters	1 653	9	9	1 244	99	34	5	-	-	-	6	8
Cranemen, derrickmen, and hoistmen	350	-	7	71	213	-	10	26	-	93	60	-
Electricians	1 045	-	14	537	232	-	9	38	7	12	20	42
Excavating, grading, and road machine operators	670	-	16	564	31	5	-	-	-	-	10	-
Foremen, n.e.c	3 701	4	404	280	1 661	26	125	70	18	294	331	102
Mechanics and repairmen	8 385	6	117	278	1 603	-	93	21	12	130	218	39
Automobile, including body	2 229	-	29	49	194	-	18	-	-	6	38	5
Machinists, job setters, and toolmakers	1 888	-	49	9	1 563	5	51	36	9	211	672	97
Metal craftsmen, except mechanics and machinists	858	-	5	126	653	5	-	134	31	142	93	18
Painters, construction and maintenance, and plasterers and paperhangers	955	-	14	656	98	-	-	-	-	22	15	6
Plumbers and pipe fitters	697	6	44	413	149	-	-	5	5	54	15	-
Printing craftsmen	770	-	15	4	676	-	-	-	-	16	11	-
Stationary engineers and power station operators	997	10	410	16	153	-	-	11	-	-	13	11
Other craftsmen and kindred workers	5 119	10	133	1 219	1 089	62	30	51	-	199	54	121
Operatives, except transport	**20 558**	**31**	**1 053**	**562**	**13 187**	**125**	**932**	**534**	**180**	**2 816**	**2 430**	**657**
Assemblers	1 850	-	7	4	1 678	19	14	4	14	235	441	269
Checkers, examiners, and inspectors; manufacturing	1 002	-	-	-	1 002	-	191	19	5	135	130	40
Filers, polishers, sanders, and buffers	138	-	-	-	113	7	5	-	6	22	13	10
Painters, manufactured articles	259	-	-	-	156	-	6	16	-	14	53	7
Precision machine operatives	1 415	-	14	4	1 299	5	21	31	14	270	690	51
Welders and flamecutters	2 670	5	72	229	1 820	-	26	103	15	1 022	426	6
Other specified operatives	8 491	26	953	277	3 205	57	308	137	33	356	141	131
Machine operatives, miscellaneous specified	1 808	-	-	16	1 629	10	182	121	60	199	161	57
Machine operatives, not specified	830	-	-	4	745	-	34	16	-	203	164	37
Miscellaneous operatives	1 483	-	7	19	1 000	22	73	27	22	284	150	34
Not specified operatives	612	-	-	9	540	5	72	60	11	76	61	15

Table 180. Occupation of Employed Persons by Industry Group 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	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
TULSA SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	6 743	18	198	438	1 086	12	197	11	10	152	128	–
Deliverymen and routemen	1 486	8	11	16	293	12	–	–	–	23	16	–
Truck drivers	3 756	10	169	373	502	–	136	5	10	72	59	–
Other transport equipment operatives	1 501	–	18	49	291	–	61	6	–	57	53	–
Laborers, except farm	6 591	316	72	1 183	1 140	42	182	142	37	190	93	25
Freight, stock, and material handlers	2 786	–	38	32	456	11	47	39	11	97	59	4
Other specified laborers	2 805	316	19	1 151	242	26	48	8	7	28	4	21
Miscellaneous laborers	248	–	–	–	65	–	6	35	–	10	–	–
Not specified laborers	752	–	15	–	377	5	81	60	19	55	30	–
Farm workers	2 040	2 040	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	24 589	40	94	123	696	13	42	34	11	117	127	57
Cleaning service workers	4 752	36	70	48	465	13	26	9	11	89	102	43
Personal service workers	3 254	–	5	9	–	–	–	–	–	–	–	–
Guards and watchmen	539	–	15	25	76	–	5	9	–	5	10	14
Other service workers, including private household	16 044	4	4	41	155	–	11	16	–	23	15	–
Female employed	69 808	402	2 334	1 050	7 742	98	639	87	46	665	722	631
Professional, technical, and kindred workers	9 879	11	188	81	437	8	23	–	–	30	35	28
Accountants	740	4	65	25	99	–	–	–	–	17	14	13
Computer specialists	85	–	21	12	9	–	–	–	–	–	–	–
Life and physical scientists	34	–	5	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 800	–	–	–	12	–	–	–	–	3	5	–
Social scientists	52	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	598	–	10	5	124	8	–	–	–	–	–	5
Other professional, technical, and kindred workers	6 570	7	87	39	193	–	23	–	–	10	16	10
Managers and administrators, except farm	2 971	10	33	40	169	5	10	5	–	20	10	17
Salaried	2 161	10	23	21	147	5	10	5	–	20	10	17
Self-employed	810	–	10	19	22	–	–	–	–	–	–	–
Sales workers	6 066	–	9	19	148	–	13	–	–	6	10	–
Clerical and kindred workers	27 363	90	2 033	810	3 379	17	138	66	40	418	456	211
Bookkeepers	3 513	26	182	191	446	–	24	–	20	56	50	54
Cashiers	2 098	–	16	4	32	–	–	5	–	–	–	–
Counter clerks, except food	334	–	5	–	37	–	–	–	–	–	–	–
File clerks	571	–	60	5	81	–	5	–	–	5	8	10
Office machine operators	1 355	–	150	11	213	–	11	10	–	13	43	–
Bookkeeping and billing machine operators	204	–	10	–	13	–	–	–	–	–	4	–
Receptionists	1 013	10	51	16	72	–	11	–	–	21	11	4
Secretaries	7 478	32	890	351	1 188	12	63	25	10	179	217	78
Stenographers	528	–	96	10	71	–	–	5	–	18	–	–
Typists	1 674	–	125	48	237	–	5	–	–	35	50	7
Other clerical and kindred workers	8 799	22	458	174	1 002	5	19	21	10	91	77	58
Craftsmen and kindred workers	1 008	–	25	41	422	4	–	5	–	35	41	30
Foremen, n.e.c	229	–	15	6	117	–	–	5	–	11	15	10
Operatives, except transport	5 164	11	23	10	3 018	58	436	–	6	133	150	343
Assemblers	653	–	–	–	575	10	10	–	–	22	58	174
Checkers, examiners, and inspectors; manufacturing	353	–	–	–	353	–	149	–	–	14	5	17
Packers and wrappers, except meat and produce	390	5	–	–	223	–	133	–	–	–	–	–
Other operatives, except transport	3 768	6	23	10	1 867	48	144	–	6	97	87	152
Transport equipment operatives	228	9	–	–	23	–	8	–	–	–	–	–
Laborers, except farm	410	31	3	31	48	6	–	–	–	5	–	–
Farm workers	214	214	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	16 505	26	20	18	98	–	11	11	–	18	20	2
Cleaning service workers	1 640	26	16	5	26	–	–	–	–	–	5	2
Personal service workers	2 454	–	–	9	–	–	–	–	–	–	–	–
Other service workers, including private household	12 411	–	4	4	72	–	11	11	–	18	15	–

Table 180. Occupation of Employed Persons by Industry Group 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	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
TULSA SMSA													
Total employed	**539**	**5 551**	**226**	**25**	**2 651**	**1 850**	**367**	**702**	**346**	**2 451**	**681**	**738**	**2 944**
Professional, technical, and kindred workers	**43**	**1 130**	**9**	**–**	**230**	**50**	**–**	**13**	**6**	**302**	**71**	**58**	**732**
Accountants	5	119	–	–	11	27	–	–	–	18	4	5	112
Architects	–	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	–	46	–	–	15	4	–	–	–	5	–	–	41
Engineers	9	481	–	–	68	15	–	5	–	–	16	31	169
Chemical	–	4	–	–	5	–	–	–	–	–	–	–	87
Civil	–	24	–	–	–	–	–	–	–	–	5	–	17
Electrical and electronic	–	55	–	–	21	5	–	–	–	–	–	–	4
Industrial	–	110	–	–	5	5	–	–	–	–	–	–	7
Mechanical	–	78	–	–	–	5	–	–	–	–	5	10	–
Other engineers	9	210	–	–	37	–	–	5	–	–	6	21	54
Mathematical specialists	–	15	–	–	–	–	–	–	–	–	–	–	5
Life and physical scientists	–	9	–	–	–	–	–	–	–	–	23	–	38
Chemists	–	9	–	–	–	–	–	–	–	–	23	–	26
Personnel and labor relations workers	–	47	–	–	5	–	–	–	–	–	–	–	58
Social scientists	–	21	–	–	4	–	–	–	–	–	–	–	37
Engineering and science technicians	17	192	5	–	39	–	–	–	–	10	23	22	125
Draftsmen	17	82	–	–	18	–	–	–	–	10	–	5	43
Electrical and electronic engineering technicians	–	80	–	–	15	–	–	–	–	–	–	–	–
Industrial and mechanical engineering technicians	–	25	–	–	–	–	–	–	–	–	–	4	–
Technicians, except health, and engineering and science	12	60	–	–	6	–	–	–	–	–	–	–	5
Writers, artists, and entertainers	–	43	4	–	23	4	–	8	–	262	–	–	8
Other professional, technical, and kindred workers	–	97	–	–	59	–	–	–	6	7	5	–	134
Managers and administrators, except farm	**20**	**356**	**21**	**–**	**166**	**182**	**15**	**30**	**14**	**280**	**81**	**75**	**236**
Buyers, purchasing agents, and sales managers	10	43	10	–	26	40	–	4	–	43	21	25	45
Other managers and administrators	10	313	11	–	140	142	15	26	14	237	60	50	191
Salaried	10	313	11	–	112	135	11	15	14	165	55	45	191
Self-employed	–	–	–	–	28	7	4	11	–	72	5	5	–
Sales workers	**25**	**5**	**–**	**5**	**91**	**199**	**10**	**43**	**21**	**299**	**150**	**41**	**69**
Clerical and kindred workers	**59**	**737**	**35**	**–**	**360**	**195**	**24**	**20**	**67**	**519**	**96**	**123**	**774**
Bookkeepers	6	14	5	–	26	40	19	–	–	62	23	26	124
Cashiers	–	–	–	–	–	11	–	–	–	10	–	–	6
Estimators and investigators, n.e.c	–	22	–	–	–	–	–	–	–	21	–	–	8
Office machine operators	–	49	–	–	14	5	–	–	5	34	4	–	94
Shipping and receiving clerks	–	15	6	–	48	21	5	11	5	17	9	19	5
Stock clerks and storekeepers	14	102	–	–	15	25	–	–	–	–	5	9	11
Other clerical and kindred workers	39	535	24	–	257	93	–	9	57	375	55	69	526
Craftsmen and kindred workers	**133**	**1 724**	**53**	**–**	**580**	**256**	**41**	**74**	**67**	**671**	**75**	**93**	**404**
Blacksmiths, forgemen, hammermen, and boilermakers	–	–	–	–	–	–	–	–	–	–	5	–	15
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	–	–	–	–	–
Carpenters	–	10	15	–	–	–	–	–	–	–	5	–	16
Cranemen, derrickmen, and hoistmen	–	19	–	–	–	–	–	–	–	–	–	–	5
Electricians	4	61	–	–	19	–	–	–	5	–	4	–	11
Excavating, grading, and road machine operators	–	–	5	–	–	6	–	–	–	–	–	–	5
Foremen, n.e.c	26	231	16	–	66	62	25	46	26	46	25	28	98
Mechanics and repairmen	63	746	4	–	72	45	16	18	14	8	20	34	50
Automobile, including body	58	30	–	–	–	24	–	–	–	4	6	5	–
Machinists, job setters, and toolmakers	9	334	4	–	64	5	–	5	–	–	–	20	41
Metal craftsmen, except mechanics and machinists	–	200	–	–	30	–	–	–	–	–	–	–	–
Painters, construction and maintenance, and plasterers and paperhangers	6	36	–	–	3	5	–	–	–	–	–	5	–
Plumbers and pipe fitters	6	12	4	–	13	–	–	–	–	–	4	6	25
Printing craftsmen	–	4	–	–	10	–	–	–	22	602	–	–	11
Stationary engineers and power station operators	–	9	–	–	4	20	–	–	–	9	12	–	64
Other craftsmen and kindred workers	19	62	5	–	299	113	–	5	–	6	–	–	63
Operatives, except transport	**206**	**1 474**	**99**	**20**	**1 054**	**498**	**242**	**513**	**136**	**286**	**128**	**325**	**532**
Assemblers	43	305	34	5	246	17	–	–	11	–	–	21	–
Checkers, examiners, and inspectors, manufacturing	–	211	5	10	39	41	45	27	4	15	–	27	58
Filers, polishers, sanders, and buffers	–	45	–	–	5	–	–	–	–	–	–	–	–
Painters, manufactured articles	–	40	6	–	9	–	–	–	–	–	–	–	5
Precision machine operatives	–	161	6	–	38	–	–	–	–	–	–	6	6
Welders and flamecutters	82	55	5	5	29	–	5	–	4	–	10	11	16
Other specified operatives	23	153	27	–	551	231	192	426	44	55	31	58	251
Machine operatives, miscellaneous specified	12	159	–	–	61	113	–	45	62	84	56	132	115
Machine operatives, not specified	14	115	6	–	17	32	–	–	11	76	4	11	5
Miscellaneous operatives	10	114	10	–	23	33	–	15	–	52	16	53	62
Not specified operatives	22	116	–	–	36	31	–	–	–	4	11	6	14

Table 180. Occupation of Employed Persons by Industry Group 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	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
TULSA SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	–	31	–	–	56	318	28	–	4	30	25	15	69
Deliverymen and routemen	–	5	–	–	5	202	–	–	–	19	11	–	–
Truck drivers	–	–	–	–	13	101	22	–	4	11	14	6	49
Other transport equipment operatives	–	26	–	–	38	15	6	–	–	–	–	9	20
Laborers, except farm	47	43	9	–	46	98	3	9	31	36	37	4	66
Freight, stock, and material handlers	5	23	–	–	10	60	–	9	14	20	31	–	16
Other specified laborers	12	–	5	–	36	11	–	–	–	11	6	–	19
Miscellaneous laborers	–	6	–	–	–	–	3	–	–	5	–	–	–
Not specified laborers	30	14	4	–	–	27	–	–	17	–	–	4	31
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	6	51	–	–	68	54	4	–	–	28	18	4	62
Cleaning service workers	6	37	–	–	41	21	4	–	–	28	8	4	23
Personal service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	–	14	–	–	4	5	–	–	–	–	10	–	–
Other service workers, including private household	–	–	–	–	23	28	–	–	–	–	–	–	39
Female employed	33	665	58	5	902	454	198	574	92	865	97	147	764
Professional, technical, and kindred workers	–	100	–	–	24	10	–	8	–	115	–	–	56
Accountants	–	31	–	–	–	6	–	–	–	14	–	–	4
Computer specialists	–	5	–	–	–	4	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	4	–	–	–	–	–	–	–	–	–	–	–
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	–	5	–	–	9	–	–	8	–	84	–	–	5
Other professional, technical, and kindred workers	–	55	–	–	15	–	–	–	–	17	–	–	47
Managers and administrators, except farm	–	6	–	–	14	22	4	–	–	40	–	–	16
Salaried	–	6	–	–	14	15	–	–	–	29	–	–	16
Self-employed	–	–	–	–	–	7	4	–	–	11	–	–	–
Sales workers	–	–	–	–	34	27	–	8	–	41	9	–	–
Clerical and kindred workers	20	379	29	–	291	132	24	15	51	375	83	76	558
Bookkeepers	–	10	5	–	26	29	19	–	–	57	19	14	63
Cashiers	–	–	–	–	–	11	–	–	–	10	–	–	6
Counter clerks, except food	–	–	–	–	6	7	–	4	5	10	–	–	5
File clerks	–	21	–	–	–	–	–	–	–	25	–	–	7
Office machine operators	–	22	–	–	11	5	–	–	5	20	4	–	69
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–	9
Receptionists	–	–	–	–	5	–	–	–	10	10	–	–	–
Secretaries	9	138	10	–	56	43	–	–	11	55	55	35	192
Stenographers	6	5	–	–	6	–	–	–	–	–	–	–	31
Typists	–	36	–	–	25	–	–	–	4	40	–	–	35
Other clerical and kindred workers	5	147	14	–	156	37	5	11	16	148	5	27	150
Craftsmen and kindred workers	3	39	–	–	39	53	–	47	5	101	–	10	10
Foremen, n.e.c	–	7	–	–	6	–	–	37	5	21	–	–	–
Operatives, except transport	5	137	29	5	481	186	164	487	36	187	–	61	114
Assemblers	–	43	–	5	228	10	–	–	11	–	–	4	–
Checkers, examiners, and inspectors; manufacturing	–	9	5	–	27	23	34	27	4	15	–	10	14
Packers and wrappers, except meat and produce	–	–	–	–	23	49	–	–	–	18	–	–	–
Other operatives, except transport	5	85	24	–	203	104	130	460	21	154	–	47	100
Transport equipment operatives	–	4	–	–	5	–	6	–	–	–	–	–	–
Laborers, except farm	5	–	–	–	–	12	–	9	–	6	5	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	–	–	–	14	12	–	–	–	–	–	–	10
Cleaning service workers	–	–	–	–	14	–	–	–	–	–	–	–	5
Personal service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Other service workers, including private household	–	–	–	–	–	12	–	–	–	–	–	–	5

Table 180. Occupation of Employed Persons by Industry Group 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	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
TULSA SMSA													
Total employed	775	3 114	6 930	2 325	3 522	12 014	5 221	4 741	5 103	5 661	10 375	3 565	7 187
Professional, technical, and kindred workers	19	45	735	431	531	748	92	79	114	85	607	155	286
Accountants	–	32	111	35	145	164	14	27	66	–	65	73	146
Architects	–	–	–	–	–	–	–	–	–	–	5	–	–
Computer specialists	–	–	107	–	9	79	–	–	9	–	10	31	39
Engineers	19	4	237	118	205	233	–	–	–	–	26	9	16
Chemical	–	–	6	–	–	8	–	–	–	–	–	–	–
Civil	14	–	–	–	5	–	–	–	–	–	6	–	–
Electrical and electronic	–	4	26	94	117	15	–	–	–	–	10	–	–
Industrial	–	–	56	–	42	–	–	–	–	–	–	5	–
Mechanical	5	–	52	–	9	15	–	–	–	–	–	–	5
Other engineers	–	–	97	24	32	195	–	–	–	–	10	4	11
Mathematical specialists	–	–	4	–	–	–	–	–	–	–	–	5	–
Life and physical scientists	–	–	5	–	6	11	–	–	–	–	–	–	–
Chemists	–	–	5	–	–	11	–	–	–	–	–	–	–
Personnel and labor relations workers	–	6	20	–	–	19	29	17	–	–	9	5	17
Social scientists	–	–	–	–	14	16	–	–	–	–	–	–	4
Engineering and science technicians	–	–	43	72	71	131	6	–	23	–	25	–	11
Draftsmen	–	–	26	13	43	77	6	–	23	–	15	–	5
Electrical and electronic engineering technicians	–	–	17	59	11	21	–	–	–	–	5	–	–
Industrial and mechanical engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	106	17	10	14	–	–	5	–	–	10	–
Writers, artists, and entertainers	–	–	20	184	–	17	32	10	6	85	46	3	20
Other professional, technical, and kindred workers	–	3	82	5	71	64	11	25	5	–	421	19	33
Managers and administrators, except farm	101	249	319	135	117	1 864	664	994	1 093	675	1 641	307	1 441
Buyers, purchasing agents, and sales managers	4	23	50	27	16	517	294	130	113	18	305	59	51
Other managers and administrators	97	226	269	108	101	1 347	370	864	980	657	1 336	248	1 390
Salaried	97	164	264	108	97	1 109	324	496	483	331	837	226	1 202
Self-employed	–	62	5	–	4	238	46	368	497	326	499	22	188
Sales workers	12	46	18	90	54	2 391	2 613	471	996	46	3 695	1 432	1 360
Clerical and kindred workers	155	469	1 337	987	909	3 350	1 047	1 140	602	395	1 803	1 593	3 164
Bookkeepers	5	66	55	45	74	550	87	43	211	37	395	82	500
Cashiers	9	18	21	29	30	22	359	862	29	297	353	19	70
Estimators and investigators, n.e.c	–	17	7	4	45	82	55	–	14	–	5	46	93
Office machine operators	5	15	83	27	75	346	19	27	37	19	52	70	254
Shipping and receiving clerks	5	39	10	–	10	242	78	25	12	–	67	–	–
Stock clerks and storekeepers	4	–	275	16	9	170	43	80	15	–	88	–	–
Other clerical and kindred workers	127	314	886	866	666	1 938	406	103	284	42	843	1 376	2 247
Craftsmen and kindred workers	231	284	3 361	651	1 008	1 258	190	185	928	75	958	33	238
Blacksmiths, forgemen, hammermen, and boilermakers	–	–	–	–	–	–	–	–	–	–	5	–	–
Brickmasons and stonemasons	–	–	–	–	4	–	–	–	–	–	4	–	7
Carpenters	–	–	36	–	–	19	–	–	8	5	67	–	50
Cranemen, derrickmen, and hoistmen	–	–	–	–	–	48	–	–	–	–	6	–	–
Electricians	–	–	90	8	58	28	–	–	–	4	4	–	–
Excavating, grading, and road machine operators	–	–	–	–	49	5	–	–	–	–	5	–	–
Foremen, n.e.c	61	72	260	36	128	342	36	83	77	9	65	3	24
Mechanics and repairmen	53	205	2 696	19	183	503	135	12	787	10	247	–	21
Automobile, including body	–	165	31	–	25	126	20	12	723	–	6	–	–
Machinists, job setters, and toolmakers	10	–	133	–	–	84	–	–	5	–	–	–	–
Metal craftsmen, except mechanics and machinists	4	–	20	–	9	14	–	–	–	–	16	–	6
Painters, construction and maintenance, and plasterers and paperhangers	–	–	36	–	–	18	–	–	–	–	14	–	28
Plumbers and pipe fitters	–	–	14	10	27	–	–	–	–	–	18	–	–
Printing craftsmen	–	–	5	5	–	12	6	–	–	–	–	5	5
Stationary engineers and power station operators	–	–	21	4	145	14	–	–	–	–	–	9	80
Other craftsmen and kindred workers	103	7	50	569	405	171	13	90	51	47	507	16	17
Operatives, except transport	5	41	385	5	113	763	90	612	1 070	27	375	4	14
Assemblers	–	–	8	–	5	77	–	–	–	–	17	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	–	6	–	–	5	–	–	–	–	9	–	–
Painters, manufactured articles	–	–	10	–	–	–	–	–	21	–	–	–	–
Precision machine operatives	–	–	20	–	10	20	–	–	–	–	–	–	–
Welders and flamecutters	5	8	121	5	24	183	–	–	–	–	6	–	5
Other specified operatives	–	15	51	–	20	284	85	582	1 027	19	304	4	4
Machine operatives, miscellaneous specified	–	–	21	–	–	59	–	14	4	4	23	–	–
Machine operatives, not specified	–	–	26	–	–	50	–	–	–	–	–	–	–
Miscellaneous operatives	–	8	115	–	54	76	–	16	14	4	11	–	5
Not specified operatives	–	10	7	–	–	9	5	–	4	–	5	–	–

Table 180. Occupation of Employed Persons by Industry Group 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	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
TULSA SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	182	1 744	516	–	270	996	105	108	83	25	391	10	32
Deliverymen and routemen	5	62	9	–	–	453	80	60	38	20	208	–	16
Truck drivers	11	1 682	40	–	152	459	16	34	25	5	112	10	6
Other transport equipment operatives	166	–	467	–	118	84	9	14	20	–	71	–	10
Laborers, except farm	65	191	88	–	373	502	220	1 019	136	36	358	5	65
Freight, stock, and material handlers	4	175	36	–	149	395	216	998	28	9	137	–	6
Other specified laborers	4	11	48	–	144	47	–	–	88	5	165	5	40
Miscellaneous laborers	41	–	–	–	51	5	4	–	–	–	29	–	10
Not specified laborers	16	5	4	–	29	55	–	21	20	22	27	–	9
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	5	45	171	26	147	142	200	133	81	4 297	547	26	587
Cleaning service workers	–	41	99	26	67	64	37	35	76	83	98	22	384
Personal service workers	–	4	16	–	7	11	61	–	–	43	34	–	48
Guards and watchmen	–	–	27	–	6	20	–	–	–	7	–	4	55
Other service workers, including private household	5	–	29	–	67	47	102	98	5	4 164	415	–	100
Female employed	60	319	767	1 074	658	3 115	3 579	1 627	648	3 696	5 131	1 613	3 918
Professional, technical, and kindred workers	–	4	46	63	48	78	66	6	27	44	134	36	88
Accountants	–	4	25	20	20	42	14	6	13	–	30	19	64
Computer specialists	–	–	–	–	–	9	–	–	4	–	–	9	5
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	–	–	5	–	–	–	–	–	–	6
Social scientists	–	–	–	–	9	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	–	–	–	20	–	–	21	–	–	44	41	3	–
Other professional, technical, and kindred workers	–	–	21	23	19	22	31	–	10	–	63	5	13
Managers and administrators, except farm	9	13	12	5	8	125	169	261	77	200	384	38	337
Salaried	9	5	12	5	4	81	164	127	41	67	238	32	259
Self-employed	–	8	–	–	4	44	5	134	36	133	146	6	78
Sales workers	–	–	–	38	–	138	2 122	262	28	30	2 302	248	472
Clerical and kindred workers	41	258	575	927	563	2 432	919	734	457	368	1 545	1 271	2 681
Bookkeepers	5	61	47	45	56	474	87	35	196	32	350	67	462
Cashiers	–	18	–	29	30	13	348	585	29	275	349	19	70
Counter clerks, except food	–	–	5	25	–	10	16	5	–	–	–	–	11
File clerks	–	6	24	5	10	86	11	–	4	–	–	53	64
Office machine operators	–	10	45	22	57	219	13	27	19	19	43	56	176
Bookkeeping and billing machine operators	–	5	–	–	–	18	–	–	13	–	15	5	97
Receptionists	–	5	17	–	21	57	5	–	16	–	5	49	83
Secretaries	11	53	216	40	112	667	34	27	105	9	197	460	647
Stenographers	9	–	11	20	30	71	–	–	10	–	17	38	17
Typists	–	21	37	33	41	146	18	–	20	–	20	185	122
Other clerical and kindred workers	16	84	173	708	206	689	387	55	58	33	564	344	1 029
Craftsmen and kindred workers	5	4	38	27	5	29	40	10	11	32	134	3	9
Foremen, n.e.c	–	–	11	8	5	5	20	–	–	–	–	3	–
Operatives, except transport	–	9	20	–	–	188	81	206	22	13	249	–	–
Assemblers	–	–	–	–	–	31	–	–	–	–	8	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	9	–	–	–	57	17	35	–	9	30	–	–
Other operatives, except transport	–	–	20	–	–	100	64	171	22	4	211	–	–
Transport equipment operatives	–	31	45	–	3	26	14	–	5	5	19	–	–
Laborers, except farm	–	–	11	–	5	40	35	69	5	–	23	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	5	–	20	14	26	59	133	79	16	3 004	341	17	331
Cleaning service workers	–	–	5	14	12	21	–	5	11	11	16	17	198
Personal service workers	–	–	5	–	7	11	56	–	–	28	34	–	43
Other service workers, including private household	5	–	10	–	7	27	77	74	5	2 965	291	–	90

Table 180. Occupation of Employed Persons by Industry Group 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	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
TULSA SMSA												
Total employed	**3 269**	**2 970**	**1 473**	**8 382**	**1 463**	**6 039**	**4 534**	**8 203**	**3 587**	**3 592**	**5 155**	**6 222**
Professional, technical, and kindred workers	**589**	**76**	**38**	**187**	**322**	**1 794**	**1 793**	**4 910**	**1 753**	**1 528**	**2 701**	**823**
Accountants	101	14	17	–	–	28	–	10	28	41	651	155
Architects	–	–	–	–	–	–	–	10	–	–	135	5
Computer specialists	57	4	–	–	–	11	–	19	–	–	3	5
Engineers	62	7	–	–	7	5	6	6	7	10	337	122
Chemical	–	–	–	–	–	–	–	–	–	–	31	–
Civil	5	–	–	–	–	–	–	–	–	–	64	25
Electrical and electronic	11	–	–	–	7	–	–	–	7	–	25	10
Industrial	20	–	–	–	–	5	–	–	–	–	–	27
Mechanical	–	7	–	–	–	–	–	–	–	10	25	4
Other engineers	26	–	–	–	–	–	6	6	–	–	192	56
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	5	4
Life and physical scientists	11	12	–	–	–	21	16	–	9	–	48	27
Chemists	11	3	–	–	–	12	12	–	–	–	22	–
Personnel and labor relations workers	117	5	–	–	9	–	11	5	–	–	–	76
Social scientists	31	–	–	–	–	26	16	25	5	–	17	22
Engineering and science technicians	70	–	–	–	14	23	7	18	23	–	231	71
Draftsmen	17	–	–	–	–	–	–	–	4	–	141	23
Electrical and electronic engineering technicians	4	–	–	–	14	19	–	–	5	–	–	5
Industrial and mechanical engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	5	9	–	6	–	–	–	–	8	–	–	121
Writers, artists, and entertainers	107	–	4	128	146	10	–	26	52	166	94	4
Other professional, technical, and kindred workers	28	25	17	53	146	1 670	1 737	4 791	1 621	1 311	1 180	211
Managers and administrators, except farm	**349**	**284**	**170**	**379**	**206**	**158**	**193**	**507**	**190**	**261**	**167**	**676**
Buyers, purchasing agents, and sales managers	21	16	5	19	4	19	–	–	–	–	–	32
Other managers and administrators	328	268	165	360	202	139	193	507	190	261	167	644
Salaried	224	174	115	222	142	139	173	507	148	255	156	644
Self-employed	104	94	50	138	60	–	20	–	42	6	11	–
Sales workers	**215**	**60**	**9**	**188**	**27**	**5**	**–**	**5**	**48**	**24**	**23**	**4**
Clerical and kindred workers	**901**	**374**	**307**	**493**	**195**	**953**	**758**	**833**	**619**	**1 006**	**1 481**	**2 699**
Bookkeepers	70	68	59	67	7	56	77	43	12	64	236	81
Cashiers	–	25	35	27	69	40	–	78	19	6	17	4
Estimators and investigators, n.e.c	45	16	–	5	5	6	5	4	4	–	–	60
Office machine operators	157	3	–	5	11	7	–	25	9	35	64	37
Shipping and receiving clerks	6	10	–	11	–	4	–	6	–	–	–	–
Stock clerks and storekeepers	5	5	–	9	4	19	–	–	14	6	–	19
Other clerical and kindred workers	618	247	213	369	99	821	676	677	561	895	1 164	2 498
Craftsmen and kindred workers	**228**	**1 511**	**31**	**142**	**69**	**96**	**82**	**169**	**87**	**90**	**59**	**231**
Blacksmiths, forgemen, hammermen, and boilermakers	–	6	–	–	–	–	–	–	–	–	–	–
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	–	–	–	–
Carpenters	7	–	11	17	–	9	–	17	28	18	–	–
Cranemen, derrickmen, and hoistmen	5	–	–	–	–	–	–	–	–	–	–	–
Electricians	5	5	–	–	–	6	–	5	5	6	–	38
Excavating, grading, and road machine operators	–	–	–	–	–	–	–	–	–	–	–	–
Foremen, n.e.c	14	25	–	33	–	11	–	14	9	23	–	27
Mechanics and repairmen	86	1 206	–	14	20	5	5	25	15	–	16	118
Automobile, including body	9	794	–	–	–	–	5	10	–	–	–	31
Machinists, job setters, and toolmakers	–	27	–	–	–	5	–	–	3	–	–	–
Metal craftsmen, except mechanics and machinists	–	5	–	–	–	–	–	–	–	–	–	–
Painters, construction and maintenance, and plasterers and paperhangers	13	5	9	8	–	–	5	46	5	–	–	–
Plumbers and pipe fitters	–	5	–	–	–	6	–	–	–	5	–	–
Printing craftsmen	9	–	–	6	5	7	–	5	–	–	–	5
Stationary engineers and power station operators	20	8	11	5	–	17	–	34	15	25	–	–
Other craftsmen and kindred workers	69	219	–	59	44	30	72	23	7	13	43	43
Operatives, except transport	**136**	**448**	**62**	**1 142**	**12**	**172**	**24**	**39**	**33**	**33**	**55**	**65**
Assemblers	–	–	–	–	7	31	6	5	–	–	–	5
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	5	–	–	–	–	–	–	–	–	–	–
Painters, manufactured articles	–	72	–	–	–	–	–	–	–	–	–	–
Precision machine operatives	10	33	–	–	–	–	–	–	–	–	5	–
Welders and flamecutters	–	166	–	5	–	–	–	6	–	–	–	10
Other specified operatives	53	114	57	1 132	–	136	13	28	5	29	33	35
Machine operatives, miscellaneous specified	9	7	5	–	–	–	–	–	12	–	5	–
Machine operatives, not specified	5	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous operatives	59	47	–	–	5	5	5	–	16	–	7	10
Not specified operatives	–	4	–	5	–	–	–	–	–	4	5	5

Table 180. **Occupation of Employed Persons by Industry Group 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	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
TULSA SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	**61**	**86**	**20**	**198**	**14**	**15**	**28**	**34**	**9**	**22**	**5**	**49**
Deliverymen and routemen	30	18	–	107	6	–	19	10	–	17	–	–
Truck drivers	25	30	–	26	–	5	–	18	4	–	–	42
Other transport equipment operatives	6	38	20	65	8	10	9	6	5	5	5	7
Laborers, except farm	**63**	**52**	**9**	**245**	**93**	**33**	**16**	**47**	**35**	**46**	**20**	**163**
Freight, stock, and material handlers	4	5	–	9	–	10	–	7	–	–	–	72
Other specified laborers	42	47	9	159	84	18	11	36	20	16	15	63
Miscellaneous laborers	5	–	–	5	–	–	–	–	10	18	–	5
Not specified laborers	12	–	–	72	9	5	5	4	5	12	5	23
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**727**	**79**	**827**	**5 408**	**525**	**2 813**	**1 640**	**1 659**	**813**	**582**	**644**	**1 512**
Cleaning service workers	510	44	406	113	52	411	143	715	321	212	33	141
Personal service workers	25	21	160	2 043	191	33	15	81	212	206	4	25
Guards and watchmen	158	–	5	11	–	10	9	18	18	5	–	70
Other service workers, including private household	34	14	256	3 241	282	2 359	1 473	845	262	159	607	1 276
Female employed	**1 416**	**511**	**999**	**6 436**	**668**	**4 991**	**3 273**	**5 567**	**2 251**	**2 033**	**2 444**	**1 486**
Professional, technical, and kindred workers	**180**	**9**	**7**	**90**	**123**	**1 479**	**780**	**3 537**	**1 051**	**580**	**524**	**162**
Accountants	43	4	7	–	–	21	–	10	20	–	153	32
Computer specialists	5	–	–	–	–	–	–	8	–	–	3	–
Life and physical scientists	6	5	–	–	–	12	–	–	–	–	6	–
Registered nurses, dietitians, and therapists	5	–	–	38	4	1 075	493	80	27	41	10	4
Social scientists	4	–	–	–	–	10	9	15	–	–	–	5
Writers, artists, and entertainers	36	–	–	45	42	10	–	21	23	110	43	–
Other professional, technical, and kindred workers	81	–	–	7	77	351	278	3 403	981	429	309	121
Managers and administrators, except farm	**59**	**24**	**69**	**92**	**66**	**53**	**153**	**217**	**99**	**78**	**59**	**112**
Salaried	28	13	56	60	51	53	138	217	57	72	59	112
Self-employed	31	11	13	32	15	–	15	–	42	6	–	–
Sales workers	**57**	**11**	**4**	**93**	**27**	**5**	**–**	**5**	**21**	**15**	**8**	**4**
Clerical and kindred workers	**755**	**292**	**249**	**458**	**181**	**902**	**741**	**794**	**517**	**930**	**1 361**	**1 100**
Bookkeepers	70	63	50	62	7	43	77	43	12	49	215	60
Cashiers	–	5	31	27	63	35	–	78	19	6	13	4
Counter clerks, except food	4	21	57	114	5	–	–	–	9	5	5	–
File clerks	12	–	6	9	–	56	6	21	19	16	–	17
Office machine operators	105	3	–	5	11	7	–	25	9	35	54	21
Bookkeeping and billing machine operators	–	–	–	5	5	–	–	–	9	–	–	9
Receptionists	27	–	9	33	10	132	253	13	36	30	53	10
Secretaries	138	69	21	46	40	180	264	209	172	451	659	190
Stenographers	5	4	–	–	–	–	16	5	–	39	30	29
Typists	130	12	–	9	5	33	30	46	36	99	77	144
Other clerical and kindred workers	264	115	75	153	40	416	95	354	205	200	255	625
Craftsmen and kindred workers	**11**	**65**	**–**	**58**	**–**	**7**	**–**	**9**	**11**	**7**	**–**	**5**
Foremen, n.e.c	–	5	–	22	–	–	–	4	4	4	–	–
Operatives, except transport	**64**	**56**	**55**	**918**	**7**	**129**	**21**	**–**	**14**	**20**	**21**	**9**
Assemblers	–	–	–	–	7	26	6	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	–	–	5	–	–	–	–	–	–	–	–
Other operatives, except transport	64	56	55	913	–	103	15	–	14	20	21	9
Transport equipment operatives	**6**	**5**	**–**	**7**	**8**	**5**	**9**	**8**	**–**	**–**	**–**	**–**
Laborers, except farm	**4**	**15**	**–**	**32**	**–**	**15**	**5**	**5**	**6**	**18**	**–**	**9**
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**280**	**34**	**615**	**4 688**	**256**	**2 396**	**1 564**	**992**	**532**	**385**	**471**	**85**
Cleaning service workers	259	15	329	66	15	233	85	79	73	55	15	33
Personal service workers	21	16	116	1 497	67	23	15	76	208	202	4	16
Other service workers, including private household	–	3	170	3 125	174	2 140	1 464	837	251	128	452	36