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				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
THE STATE											
Male, 16 years old and over	**844 055**	**812 931**	**13 946**	**15 220**	**833 800**	**585 211**	**175 792**	**72 797**	**20 891**	**51 205**	**101 581**
Professional, technical, and kindred workers	**133 962**	**129 784**	**1 367**	**1 700**	**133 181**	**102 925**	**23 573**	**6 683**	**1 274**	**3 741**	**7 852**
Accountants	8 279	8 064	56	143	8 188	6 989	867	332	103	309	321
Architects	1 535	1 464	17	4	1 531	1 174	238	119	24	31	29
Computer specialists	3 374	3 290	24	20	3 363	2 942	316	105	–	16	83
Engineers	30 453	29 437	156	448	30 385	27 506	2 271	608	380	892	995
Aeronautical and astronautical	6 147	5 902	33	72	6 147	5 748	326	73	16	50	104
Civil	5 109	4 935	17	62	5 105	4 534	438	133	99	199	196
Electrical and electronic	5 642	5 415	49	73	5 628	5 157	378	93	76	138	181
Mechanical	4 787	4 616	15	86	4 757	4 107	526	124	81	223	187
Other engineers	8 768	8 569	42	155	8 748	7 960	603	185	108	282	327
Lawyers and judges	3 840	3 789	15	30	3 825	3 185	497	143	14	71	84
Life and physical scientists	2 577	2 513	13	26	2 547	2 283	186	78	29	90	178
Chemists	986	952	9	22	969	874	73	22	10	31	66
Physicians, dentists, and related practitioners	9 090	8 845	29	95	9 057	6 620	2 163	274	112	327	321
Dentists	1 787	1 740	7	5	1 782	933	799	50	32	99	35
Pharmacists	1 689	1 606	5	27	1 689	1 371	231	87	36	96	106
Physicians, medical and osteopathic	4 461	4 371	17	56	4 448	3 391	948	109	27	94	161
Other related practitioners	1 153	1 128	–	7	1 138	925	185	28	17	38	19
Health technologists and technicians	1 380	1 321	27	43	1 372	1 078	166	128	17	84	124
Religious workers	3 687	3 638	28	–	3 687	3 195	362	130	42	101	183
Social scientists	1 361	1 289	33	5	1 361	1 149	173	39	6	22	31
Social and recreation workers	2 230	2 034	149	38	2 216	1 606	389	221	4	62	361
Teachers	23 824	23 295	172	283	23 643	12 512	9 454	1 677	150	513	941
College and university	7 462	7 176	90	109	7 369	3 816	2 904	649	37	166	406
Elementary and prekindergarten	5 194	5 098	28	42	5 146	2 570	2 248	328	43	117	173
Secondary	9 763	9 653	44	103	9 729	5 197	4 018	514	54	164	262
Engineering and science technicians	13 048	12 647	107	135	12 980	10 768	1 602	610	55	325	1 402
Draftsmen and surveyors	5 825	5 610	29	74	5 795	4 633	859	303	16	139	813
Electrical and electronic engineering technicians	2 800	2 752	14	24	2 785	2 398	307	80	23	63	122
Technicians, except health, and engineering and science	4 301	4 209	26	73	4 292	3 739	425	128	27	90	195
Airplane pilots	1 784	1 770	–	11	1 784	1 545	194	45	11	47	70
Writers, artists, and entertainers	8 631	8 240	171	169	8 549	5 809	1 781	959	92	277	834
Other professional, technical, and kindred workers	16 352	15 709	344	188	16 185	12 370	2 683	1 132	219	531	1 770
Managers and administrators, except farm	**96 030**	**94 105**	**637**	**1 120**	**95 599**	**81 808**	**11 061**	**2 730**	**2 214**	**5 304**	**4 947**
Buyers, purchasing agents, and sales managers	12 559	12 327	61	135	12 534	11 324	960	250	176	398	473
School administrators	3 024	2 994	16	8	3 012	1 976	964	72	54	89	110
Specified managers and administrators, public administration	6 592	6 394	71	93	6 558	6 063	391	104	239	424	429
Other specified managers and administrators	17 559	17 079	194	195	17 414	14 176	2 483	755	590	1 146	1 422
Managers and administrators, n.e.c., salaried	40 887	40 298	199	554	40 735	36 027	3 711	997	677	1 945	1 514
Manufacturing	8 844	8 785	22	87	8 822	8 219	503	100	126	355	278
Wholesale and retail trade	14 253	14 029	45	273	14 213	12 648	1 223	342	210	520	428
Transportation, communications, and other public utilities	4 380	4 339	–	45	4 348	3 984	260	104	140	278	166
All other industries	13 410	13 145	132	149	13 352	11 176	1 725	451	201	792	642
Managers and administrators, n.e.c., self-employed	15 409	15 013	96	135	15 346	12 242	2 552	552	478	1 302	999
Construction	3 418	3 370	16	35	3 408	2 088	1 172	148	73	281	203
Manufacturing	1 242	1 229	4	–	1 236	947	226	63	49	144	104
Wholesale and retail trade	7 350	7 167	17	59	7 316	6 458	662	196	244	550	420
All other industries	3 399	3 247	59	41	3 386	2 749	492	145	112	327	272
Sales workers	**57 780**	**56 829**	**341**	**850**	**57 222**	**43 337**	**10 012**	**3 873**	**914**	**2 446**	**4 655**
Insurance agents, brokers, and underwriters	6 177	6 051	51	102	6 156	5 087	911	158	44	117	219
Real estate agents and brokers	6 231	6 182	15	57	6 172	4 365	1 512	295	97	319	328
Sales representatives, manufacturing industries	4 915	4 866	16	73	4 904	4 170	619	115	80	148	151
Sales representatives, wholesale trade	11 717	11 560	49	129	11 672	10 071	1 312	289	128	365	399
Sales clerks, retail trade	12 355	12 061	116	270	12 221	8 120	2 532	1 569	247	580	1 638
Salesmen, retail trade	7 098	7 037	36	90	7 040	5 315	1 282	443	137	330	442
Salesmen of services and construction	2 803	2 760	21	60	2 776	2 076	523	177	33	103	285
Other sales workers	6 484	6 312	37	69	6 281	4 133	1 321	827	148	484	1 193
Clerical and kindred workers	**52 986**	**50 633**	**1 159**	**761**	**52 392**	**39 780**	**8 461**	**4 151**	**1 098**	**2 971**	**5 908**
Bank tellers and cashiers	2 690	2 597	34	54	2 633	1 557	648	428	47	162	568
Bookkeepers and billing clerks	3 301	3 191	22	78	3 255	2 477	559	219	81	210	319
Mail handlers and postal clerks	7 552	7 079	273	109	7 530	6 234	946	350	171	366	611
Other clerical and kindred workers	39 443	37 766	830	520	38 974	29 512	6 308	3 154	799	2 233	4 410
Craftsmen and kindred workers	**188 103**	**182 781**	**2 670**	**2 430**	**186 516**	**133 456**	**43 111**	**9 949**	**5 423**	**12 641**	**16 106**
Apparel craftsmen and upholsterers	1 058	1 045	5	24	1 047	696	242	109	56	68	118
Bakers	1 206	1 178	14	35	1 201	908	230	63	56	92	89
Cabinetmakers	1 423	1 386	4	61	1 404	928	406	70	47	133	170
Construction craftsmen	57 058	55 485	784	731	56 559	30 439	21 435	4 685	1 892	4 532	5 769
Carpenters	19 389	18 960	170	197	19 176	8 506	8 700	1 970	808	1 929	2 276
Excavating, grading, and road machine operators	7 389	7 216	64	127	7 345	3 779	2 999	567	205	488	669
Electricians	10 441	10 205	96	139	10 394	7 753	2 217	424	282	613	469
Masons and tile setters	2 024	1 974	36	19	2 011	798	1 062	151	56	103	179
Painters, construction and maintenance, and paperhangers	5 744	5 467	153	94	5 641	2 687	2 035	919	233	607	1 268
Plasterers and cement finishers	1 471	1 317	122	9	1 462	509	843	110	46	89	150
Plumbers and pipe fitters	7 285	7 069	138	106	7 240	4 791	2 142	307	208	537	443
Other construction craftsmen	3 315	3 277	5	40	3 290	1 616	1 437	237	54	166	315
Foremen, n.e.c.	21 601	21 152	190	254	21 525	18 809	2 388	328	543	1 329	843
Manufacturing	11 802	11 562	62	103	11 779	10 645	1 014	120	243	556	308
Nonmanufacturing industries	9 799	9 590	128	151	9 746	8 164	1 374	208	300	773	535
Linemen and servicemen, telephone and power	7 009	6 895	80	57	6 990	5 968	883	139	83	315	348
Locomotive engineers and firemen	1 421	1 404	11	–	1 421	1 224	148	49	84	150	57
Mechanics and repairmen	44 644	43 338	641	624	44 404	35 087	7 426	1 891	733	1 867	2 376
Air conditioning, heating, and refrigeration	1 495	1 481	11	24	1 485	1 092	338	55	17	75	112
Aircraft	8 224	7 813	259	182	8 216	7 014	1 032	170	64	182	255
Automobile, including body	15 092	14 687	171	207	14 984	11 422	2 846	716	200	598	745
Radio and television	2 441	2 363	28	21	2 427	1 882	371	174	24	105	139
Other mechanics and repairmen	17 392	16 994	172	190	17 292	13 677	2 839	776	428	907	1 125
Metal craftsmen, except mechanics	20 496	19 965	263	305	20 387	16 178	3 582	627	646	1 298	1 068
Machinists and job and die setters	8 658	8 496	78	148	8 602	7 120	1 249	233	272	497	394
Sheetmetal workers and tinsmiths	3 751	3 660	68	71	3 727	2 551	1 063	113	76	195	197
Tool and die makers	2 139	2 062	50	24	2 126	1 864	233	29	60	108	108
Other metal craftsmen	5 948	5 747	67	62	5 932	4 643	1 037	252	238	498	369
Printing craftsmen	3 783	3 696	37	45	3 733	3 031	563	139	62	168	186
Compositors and typesetters	1 576	1 537	15	21	1 539	1 217	238	84	40	102	107
Pressmen and plate printers, printing	1 708	1 667	22	14	1 695	1 402	247	46	18	46	62
Stationary engineers and power station operators	3 520	3 446	27	43	3 488	3 062	303	123	262	397	217
Other craftsmen and kindred workers	24 884	23 791	614	251	24 357	17 126	5 505	1 726	959	2 292	4 865

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	**93 348**	**89 286**	**2 309**	**1 742**	**91 939**	**60 267**	**22 260**	**9 412**	**2 475**	**5 914**	**11 894**
Assemblers	4 174	3 941	131	115	4 126	2 761	943	422	65	177	408
Checkers, examiners, and inspectors, manufacturing	3 414	3 332	35	57	3 408	2 923	330	155	54	123	260
Garage workers and gas station attendants	9 011	8 836	95	163	8 719	3 453	2 857	2 409	69	218	1 887
Laundry and drycleaning operatives, n.e.c	964	850	66	26	926	634	171	121	50	66	188
Meat cutters and butchers	3 905	3 809	27	85	3 882	3 119	590	173	145	194	308
Mine operatives, n.e.c	612	598	5	–	601	388	167	46	85	111	103
Packers and wrappers, except produce	2 606	2 457	69	89	2 517	1 321	771	425	110	259	697
Painters, manufactured articles	1 283	1 147	85	20	1 253	945	227	81	35	99	92
Precision machine operatives	3 029	2 925	59	60	3 010	2 264	574	172	97	246	199
Sawyers	3 949	3 858	7	43	3 912	2 208	1 438	266	201	444	366
Stationary firemen	1 835	1 792	3	33	1 831	1 508	236	87	105	273	123
Textile operatives	183	167	5	–	183	130	33	20	–	31	33
Welders and flamecutters	8 166	7 755	237	130	8 060	5 459	2 141	460	149	401	544
Other metalworking operatives	4 211	3 841	282	111	4 171	3 090	802	279	112	190	349
Other specified operatives	16 382	15 493	519	229	16 026	9 471	4 639	1 916	461	1 195	2 733
Miscellaneous and not specified operatives	29 624	28 485	684	581	29 314	20 593	6 341	2 380	737	1 887	3 604
Occupation:											
Machine operatives, miscellaneous specified	13 573	13 100	309	286	13 468	9 922	2 627	919	298	896	1 413
Machine operatives, not specified	4 067	3 890	126	93	4 034	3 078	723	233	41	244	394
Miscellaneous operatives	8 319	7 941	182	163	8 160	5 151	2 105	904	278	502	1 369
Not specified operatives	3 665	3 554	67	39	3 652	2 442	886	324	120	245	428
Industry:											
Manufacturing	24 030	23 154	510	468	23 801	17 163	4 986	1 652	566	1 456	2 608
Durable goods	14 701	14 053	397	264	14 561	10 315	3 311	935	348	972	1 284
Wood products, including furniture	5 178	5 082	28	69	5 139	3 307	1 427	405	202	475	518
Primary metal industries	2 646	2 541	86	72	2 634	2 060	476	98	42	128	210
Fabricated metal industries	804	744	31	6	791	467	231	93	10	41	121
Machinery, including electrical	921	888	18	14	907	606	230	71	15	54	117
Motor vehicles and equipment	107	107	–	–	107	68	26	13	–	9	17
Transportation equipment, except motor vehicles	3 567	3 242	228	83	3 522	2 836	538	148	35	114	161
Other durable goods	1 478	1 449	6	20	1 461	971	383	107	44	151	140
Nondurable goods	9 287	9 065	107	204	9 198	6 845	1 636	717	218	484	1 318
Food and kindred products	2 349	2 253	51	144	2 311	1 417	582	312	100	168	711
Apparel and other fabricated textile products	194	171	5	8	189	71	48	70	10	12	34
Paper and allied products	4 800	4 741	31	37	4 772	3 871	692	209	71	221	333
Chemicals and allied products	1 079	1 061	9	6	1 072	895	128	49	22	53	86
Other nondurable goods	865	839	11	9	854	591	186	77	15	30	154
Not specified manufacturing industries	42	36	6	–	42	3	39	–	–	–	6
Nonmanufacturing industries	5 594	5 331	174	113	5 513	3 430	1 355	728	171	431	996
Transportation, communications, and other public utilities	1 273	1 199	47	13	1 264	966	195	103	29	105	139
Wholesale and retail trade	2 181	2 085	77	21	2 140	1 245	580	315	89	162	337
All other industries	2 140	2 047	50	79	2 109	1 219	580	310	53	164	520
Transport equipment operatives	**47 206**	**45 890**	**663**	**899**	**46 853**	**31 998**	**11 453**	**3 402**	**1 045**	**2 431**	**4 697**
Bus drivers	2 636	2 578	27	75	2 624	1 866	643	115	79	248	160
Taxicab drivers and chauffeurs	1 542	1 465	45	39	1 526	815	517	194	51	177	190
Truck drivers and deliverymen	32 892	32 141	345	581	32 649	22 341	8 022	2 286	722	1 513	3 221
Other transport equipment operatives	10 136	9 706	246	204	10 054	6 976	2 271	807	193	493	1 126
Laborers, except farm	**70 592**	**66 431**	**1 916**	**1 538**	**68 779**	**32 154**	**22 652**	**13 973**	**2 544**	**6 114**	**19 889**
Construction laborers	10 491	9 873	369	179	10 245	4 037	4 393	1 815	364	1 004	3 073
Freight, stock, and material handlers	26 860	25 677	528	574	26 242	13 659	7 580	5 003	807	1 752	5 795
Other specified laborers	21 705	20 138	563	318	21 099	9 127	7 345	4 627	892	2 184	7 469
Miscellaneous and not specified laborers	11 536	10 743	456	467	11 193	5 331	3 334	2 528	481	1 174	3 552
Occupation:											
Miscellaneous laborers	4 597	4 233	197	152	4 513	2 618	1 176	719	211	447	1 003
Not specified laborers	6 939	6 510	259	315	6 680	2 713	2 158	1 809	270	727	2 549
Industry:											
Manufacturing	5 373	5 012	254	187	5 282	2 664	1 757	861	218	494	1 313
Durable goods	3 656	3 374	215	70	3 603	1 869	1 207	527	141	291	730
Wood products, including furniture	1 684	1 660	5	29	1 674	941	536	197	82	165	316
Metal industries	902	806	65	17	897	479	271	147	22	54	142
Machinery, including electrical	138	128	10	–	138	59	64	15	5	–	23
Transportation equipment	536	389	130	17	531	239	178	114	13	47	101
Other durable goods	396	391	5	7	363	151	158	54	19	25	148
Nondurable goods	1 699	1 620	39	117	1 661	787	544	330	77	203	583
Food and kindred products	690	641	22	92	673	232	234	207	57	136	359
Not specified manufacturing industries	18	18	–	–	18	8	6	4	–	–	–
Nonmanufacturing industries	6 163	5 731	202	280	5 911	2 667	1 577	1 667	263	680	2 239
Railroads and railway express service	1 194	1 087	49	110	1 177	763	244	170	86	207	293
Transportation, except railroads	285	280	–	11	280	95	120	65	5	60	85
Communications, and utilities and sanitary services	821	772	30	15	816	538	164	114	52	64	116
Wholesale and retail trade	1 555	1 486	28	66	1 483	611	360	512	48	94	585
All other industries	2 308	2 106	95	78	2 155	660	689	806	72	255	1 160
Farmers and farm managers	**18 174**	**17 817**	**39**	**127**	**17 978**	**14 635**	**2 536**	**807**	**880**	**1 791**	**1 803**
Farm laborers and farm foremen	**20 228**	**19 374**	**182**	**2 870**	**19 707**	**7 939**	**5 741**	**6 027**	**771**	**1 907**	**9 845**
Paid farm laborers and farm foremen	19 624	18 783	182	2 870	19 128	7 630	5 623	5 875	745	1 858	9 380
Unpaid family workers	604	591	–	–	579	309	118	152	26	49	465
Service workers, except private household[1]	**65 031**	**59 461**	**2 627**	**1 168**	**63 278**	**36 827**	**14 835**	**11 616**	**2 229**	**5 861**	**13 818**
Cleaning service workers	22 722	20 768	1 235	500	22 083	12 805	5 203	4 075	961	2 382	4 967
Food service workers	17 213	15 152	545	340	16 528	6 477	5 036	5 015	427	1 347	4 681
Cooks, except private household	6 375	5 336	241	136	6 186	3 007	1 976	1 203	186	492	1 092
Busboys and dishwashers	4 871	4 447	82	82	4 563	787	1 373	2 403	83	323	2 400
Health service workers	1 871	1 727	99	70	1 832	1 165	393	274	34	127	283
Personal service workers	6 261	5 788	227	116	6 137	3 667	1 564	906	234	649	1 469
Protective service workers	12 975	12 617	194	101	12 863	10 566	1 725	572	439	1 049	1 099
Firemen, fire protection	3 442	3 354	33	26	3 421	3 183	196	42	53	122	153
Guards and watchmen	3 876	3 756	76	21	3 794	2 589	830	375	224	688	662
Policemen and detectives	4 777	4 654	80	33	4 772	4 116	553	103	112	171	238
Private household workers	**395**	**337**	**19**	**8**	**356**	**85**	**97**	**174**	**24**	**84**	**167**
Unemployed persons, last worked 1959 or earlier[2]	**220**	**203**	**17**	**7**	...	...	...	...	...	...	...

[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	**489 653**	**468 309**	**10 324**	**7 621**	**463 328**	**231 270**	**133 313**	**98 745**	**48 509**	**130 569**	**158 298**
Professional, technical, and kindred workers	**80 912**	**78 049**	**1 402**	**886**	**78 471**	**36 992**	**28 851**	**12 628**	**6 177**	**15 406**	**16 653**
Accountants	5 144	5 029	39	39	4 906	3 484	824	598	270	775	549
Computer specialists	736	718	–	–	724	565	108	51	19	84	97
Librarians	2 074	2 000	26	–	2 022	864	813	345	142	252	351
Mathematical specialists	263	263	–	–	258	203	27	28	22	61	36
Life and physical scientists	466	439	13	19	455	285	100	70	33	88	91
Registered nurses, dietitians, and therapists	16 439	15 766	299	126	16 102	9 868	3 812	2 422	1 372	3 473	2 984
Dietitians	473	413	18	4	462	285	111	66	37	87	56
Registered nurses	15 076	14 488	266	115	14 755	9 148	3 418	2 189	1 238	3 208	2 700
Health technologists and technicians	2 985	2 790	77	61	2 903	1 721	745	437	338	611	520
Social scientists	338	327	5	6	333	152	159	22	4	69	41
Social and recreation workers	2 768	2 584	145	50	2 685	1 702	649	334	181	627	916
Teachers: College and university	3 030	2 903	51	54	2 937	771	1 528	638	117	413	603
Elementary and prekindergarten	19 946	19 433	239	245	19 374	5 714	10 295	3 365	1 777	4 401	4 337
Secondary	7 391	7 203	120	59	7 226	2 335	3 654	1 237	629	1 383	1 292
Other teachers	2 777	2 755	17	–	2 686	635	1 533	518	157	390	707
Engineering and science technicians	2 039	1 931	41	28	1 983	1 199	564	220	153	428	422
Technicians, except health, and engineering and science	418	418	–	6	413	298	70	45	26	44	44
Writers, artists, and entertainers	4 323	4 217	44	67	4 133	1 901	1 298	934	285	798	1 454
Actors and dancers	175	156	15	–	158	40	78	40	11	72	83
Authors, editors, and reporters	777	759	–	–	772	418	199	155	73	158	259
Other professional, technical, and kindred workers	9 775	9 273	286	126	9 331	5 295	2 672	1 364	652	1 509	2 209
Managers and administrators, except farm	**19 682**	**19 119**	**198**	**159**	**19 063**	**13 854**	**3 526**	**1 683**	**1 677**	**4 121**	**3 882**
Buyers, purchasing agents, and sales managers	2 286	2 197	38	5	2 258	1 789	341	128	177	440	274
Restaurant, cafeteria, and bar managers	1 763	1 720	18	23	1 740	1 050	544	146	234	428	296
School administrators	787	756	31	–	787	390	296	101	43	186	138
Other specified managers and administrators	5 663	5 509	42	52	5 415	3 961	857	597	575	1 246	1 666
Managers and administrators, n.e.c., salaried	6 110	5 987	48	60	5 906	4 495	964	447	369	1 144	991
Wholesale and retail trade	2 021	1 985	31	19	1 956	1 561	266	129	143	408	318
Managers and administrators, n.e.c., self-employed	3 073	2 950	21	19	2 957	2 169	524	264	279	677	517
Wholesale and retail trade	1 775	1 717	2	9	1 698	1 260	280	158	146	357	258
Sales workers	**38 922**	**38 066**	**384**	**449**	**36 608**	**16 782**	**10 368**	**9 458**	**4 601**	**13 422**	**15 822**
Demonstrators, hucksters, and peddlers	4 020	3 988	13	52	3 385	903	1 022	1 460	303	1 439	2 257
Insurance, real estate agents, and brokers	3 272	3 244	–	54	3 177	1 760	946	471	221	625	593
Sales clerks, retail trade	24 289	23 655	270	266	23 326	10 835	6 550	5 941	3 426	9 379	9 906
Salesmen, retail trade	1 178	1 162	10	5	1 128	597	255	276	69	349	415
Other sales workers	6 163	6 017	91	72	5 592	2 687	1 595	1 310	582	1 630	2 651
Clerical and kindred workers	**177 814**	**172 121**	**2 730**	**2 251**	**170 328**	**99 600**	**41 743**	**28 985**	**17 726**	**42 654**	**46 186**
Bank tellers	4 833	4 721	50	86	4 673	2 713	1 228	732	390	1 101	1 012
Bookkeepers	23 993	23 638	73	246	23 262	15 652	4 904	2 706	2 034	4 869	4 690
Cashiers	11 678	11 387	136	115	11 087	5 101	3 201	2 785	1 032	3 589	3 886
Counter clerks, except food	2 661	2 587	20	28	2 552	1 313	725	514	227	642	894
Enumerators and interviewers	1 065	1 039	19	13	708	91	219	398	223	281	437
File clerks	4 764	4 494	157	91	4 481	2 207	1 127	1 147	633	1 515	1 544
Office machine operators	6 894	6 532	191	116	6 676	4 063	1 660	953	755	1 772	1 647
Bookkeeping and billing machine operators	1 049	994	38	–	1 017	603	267	147	121	333	253
Keypunch operators	3 698	3 453	121	67	3 587	2 209	869	509	358	916	814
Payroll and timekeeping clerks	1 230	1 193	–	6	1 210	871	206	133	173	337	278
Receptionists	6 988	6 800	95	120	6 598	3 218	1 928	1 452	627	1 863	2 314
Secretaries	40 891	39 897	364	514	39 775	25 036	9 721	5 018	3 946	9 279	8 914
Stenographers	2 542	2 482	25	23	2 456	1 680	446	330	439	724	420
Telephone operators	5 846	5 591	193	55	5 608	3 219	1 513	876	861	1 602	1 398
Typists	13 202	12 517	329	196	12 548	6 526	3 245	2 777	1 840	3 765	3 842
Other clerical and kindred workers	51 227	49 243	1 078	642	48 694	27 910	11 620	9 164	4 546	11 315	14 910
Craftsmen and kindred workers	**8 475**	**8 040**	**227**	**94**	**8 198**	**4 997**	**2 046**	**1 155**	**740**	**2 084**	**2 072**
Foremen, n.e.c.	1 462	1 406	26	5	1 442	1 054	261	127	122	251	208
Operatives, except transport	**39 209**	**35 683**	**1 388**	**1 227**	**37 027**	**15 191**	**11 398**	**10 438**	**4 826**	**14 567**	**17 326**
Assemblers	2 548	2 411	75	17	2 453	1 321	710	422	206	1 011	842
Bottling and canning operatives	726	691	4	8	691	91	215	385	158	500	709
Checkers, examiners, and inspectors; manufacturing	1 343	1 256	22	50	1 260	629	343	288	161	584	608
Dressmakers and seamstresses, except factory	1 591	1 426	15	26	1 535	735	561	239	183	414	385
Laundry and drycleaning operatives, including ironers	3 958	3 273	397	94	3 819	2 172	952	695	557	1 362	1 044
Graders and sorters, manufacturing	866	814	16	79	794	103	199	492	265	762	1 127
Packers and wrappers, except produce	5 507	5 324	54	165	5 295	1 974	1 859	1 462	738	2 201	2 412
Sewers and stitchers	4 149	3 255	121	197	3 872	1 777	1 397	698	489	1 424	1 273
Textile operatives	237	227	4	8	221	106	62	53	41	140	122
Other specified operatives	9 278	8 573	399	183	8 595	2 966	2 573	3 056	1 005	3 012	4 634
Miscellaneous and not specified operatives	9 006	8 433	281	400	8 492	3 317	2 527	2 648	1 023	3 157	4 170
Manufacturing	6 631	6 169	236	380	6 290	2 654	1 812	1 824	785	2 337	3 059
Durable goods	2 539	2 297	132	50	2 418	1 406	638	374	164	811	727
Machinery, including electrical	273	243	20	–	245	128	87	30	42	128	71
Other durable goods	2 266	2 054	112	50	2 173	1 278	551	344	122	683	656
Nondurable goods, including not specified manufacturing	4 092	3 872	104	330	3 872	1 248	1 174	1 450	621	1 526	2 332
Food and kindred products	2 352	2 228	45	304	2 185	369	651	1 165	445	1 044	1 800
Apparel and other fabricated textile products	279	243	16	15	269	125	91	53	18	103	164
Nonmanufacturing industries	2 375	2 264	45	20	2 202	663	715	824	238	820	1 111
Transport equipment operatives	**2 613**	**2 579**	**18**	**16**	**2 487**	**635**	**1 260**	**592**	**113**	**354**	**751**
Laborers, except farm	**5 385**	**5 029**	**169**	**182**	**5 019**	**2 066**	**1 526**	**1 427**	**475**	**1 587**	**2 395**
Farmers and farm managers	**1 294**	**1 174**	**20**	**22**	**1 229**	**891**	**165**	**173**	**92**	**228**	**287**
Farm laborers and farm foremen	**4 946**	**4 629**	**25**	**694**	**4 437**	**969**	**1 056**	**2 412**	**613**	**2 376**	**7 920**
Paid farm laborers and farm foremen	4 310	4 013	25	675	3 838	576	971	2 291	531	2 250	7 378
Unpaid family workers	636	616	–	19	599	393	85	121	82	126	542
Service workers, except private household[1]	**94 334**	**88 953**	**2 988**	**1 448**	**87 331**	**35 827**	**27 567**	**23 937**	**9 827**	**29 798**	**37 904**
Cleaning service workers	9 917	8 958	674	168	9 088	4 333	2 159	2 596	1 129	3 326	3 961
Chambermaids and maids	2 837	2 570	174	38	2 566	965	652	949	385	1 336	1 498
Food service workers	43 571	41 958	600	554	40 324	13 019	14 652	12 653	4 980	16 074	19 490
Cooks, except private household	10 939	10 523	219	97	10 472	4 028	4 322	2 122	1 246	3 663	3 359
Waiters and food counter workers	23 627	22 729	268	362	21 464	6 190	7 366	7 908	2 845	9 519	12 583
Health service workers	18 256	16 914	885	349	17 129	8 646	4 556	3 927	1 836	5 310	6 225
Nursing aides, orderlies, and attendants	9 329	8 679	435	214	8 575	3 907	2 319	2 349	1 042	3 252	3 961
Practical nurses	4 457	3 978	345	68	4 314	2 691	1 075	548	385	1 041	1 009
Personal service workers	14 867	13 996	451	261	14 117	6 645	4 444	3 028	1 260	3 661	4 419
Hairdressers and cosmetologists	6 733	6 433	134	122	6 473	3 381	2 027	1 065	589	1 628	1 268
Private household workers	**14 859**	**13 741**	**758**	**181**	**13 130**	**3 466**	**3 807**	**5 857**	**1 642**	**3 972**	**7 100**
Private household workers, living in	963	929	8	19	887	483	230	174	6	25	25
Private household workers, living out	13 896	12 812	750	162	12 243	2 983	3 577	5 683	1 636	3 947	7 075
Unemployed persons, last worked 1959 or earlier[2]	**1 208**	**1 126**	**17**	**12**	...	...	...	...	...	...	...

[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
PORTLAND, OREG.–WASH., SMSA											
Male, 16 years old and over	**260 375**	**251 960**	**4 902**	**3 408**	**257 363**	**178 482**	**57 018**	**21 863**	**6 170**	**14 233**	**27 591**
Professional, technical, and kindred workers	**36 810**	**35 748**	**456**	**470**	**36 603**	**27 095**	**7 571**	**1 937**	**446**	**1 140**	**1 935**
Accountants	3 271	3 229	4	50	3 267	2 756	297	214	58	159	98
Architects	477	477	–	15	472	372	84	16	–	19	18
Computer specialists	948	927	–	15	945	743	176	26	–	22	21
Engineers	6 128	6 026	22	55	6 101	5 415	530	156	130	271	239
Aeronautical and astronautical	8	8	–	–	8	8	–	–	–	5	12
Civil	1 639	1 614	5	13	1 631	1 507	100	24	38	143	54
Electrical and electronic	1 447	1 412	–	–	1 447	1 314	119	14	38	55	54
Mechanical	877	867	–	–	872	728	101	43	23	9	39
Other engineers	2 157	2 125	17	42	2 143	1 858	210	75	31	59	80
Lawyers and judges	1 527	1 503	5	6	1 522	1 264	209	49	5	30	38
Life and physical scientists	687	637	13	6	687	559	98	30	20	22	40
Chemists	341	320	7	6	341	289	46	6	–	17	18
Physicians, dentists, and related practitioners	3 206	3 092	15	21	3 192	2 308	852	32	49	128	123
Dentists	622	616	–	–	622	358	259	5	13	45	10
Pharmacists	505	475	–	7	505	414	91	–	10	24	47
Physicians, medical and osteopathic	1 753	1 690	10	14	1 739	1 257	461	21	17	38	66
Other related practitioners	326	311	5	–	326	279	41	6	9	21	–
Health technologists and technicians	646	622	16	24	646	491	105	50	–	9	35
Religious workers	1 172	1 114	26	–	1 172	1 000	132	40	8	49	84
Social scientists	496	480	–	–	496	380	90	26	–	–	30
Social and recreation workers	576	536	35	21	568	404	89	75	–	26	96
Teachers	6 477	6 318	86	90	6 437	3 075	2 843	519	41	64	222
College and university	1 760	1 712	11	48	1 756	872	687	197	21	20	84
Elementary and prekindergarten	1 519	1 479	26	10	1 499	695	705	99	14	13	65
Secondary	2 799	2 740	37	19	2 783	1 290	1 331	162	–	31	53
Engineering and science technicians	3 482	3 380	32	49	3 472	2 738	531	203	14	83	239
Draftsmen and surveyors	1 871	1 803	21	17	1 865	1 383	324	158	14	36	133
Electrical and electronic engineering technicians	745	731	2	32	745	625	98	22	–	16	15
Technicians, except health, and engineering and science	424	415	5	6	424	389	35	–	5	12	5
Airplane pilots	135	135	–	6	135	118	17	–	5	–	–
Writers, artists, and entertainers	2 783	2 683	74	9	2 755	1 889	624	242	16	102	201
Other professional, technical, and kindred workers	4 510	4 309	123	103	4 447	3 312	876	259	100	144	446
Managers and administrators, except farm	**33 231**	**32 649**	**232**	**321**	**33 069**	**28 340**	**3 947**	**782**	**684**	**1 607**	**1 399**
Buyers, purchasing agents, and sales managers	4 805	4 737	5	70	4 783	4 305	418	60	68	157	118
School administrators	857	828	29	–	851	597	254	–	12	14	21
Specified managers and administrators, public administration	1 636	1 583	23	25	1 627	1 507	89	31	49	86	81
Other specified managers and administrators	6 262	6 098	75	59	6 185	5 086	864	235	133	392	352
Managers and administrators, n.e.c., salaried	15 130	14 977	51	160	15 111	13 379	1 494	238	268	585	528
Manufacturing	3 462	3 422	12	26	3 458	3 186	226	46	53	110	83
Wholesale and retail trade	5 045	4 978	17	91	5 030	4 352	586	92	85	119	161
Transportation, communications, and other public utilities	1 797	1 780	7	23	1 797	1 682	103	12	85	90	73
All other industries	4 826	4 797	15	20	4 826	4 159	579	88	45	266	211
Managers and administrators, n.e.c., self-employed	4 541	4 426	49	7	4 512	3 466	828	218	154	373	299
Construction	1 081	1 074	7	–	1 081	591	382	108	30	81	61
Manufacturing	457	457	–	–	451	356	80	15	6	41	48
Wholesale and retail trade	1 973	1 919	12	7	1 956	1 702	208	46	74	159	104
All other industries	1 030	976	30	–	1 024	817	158	49	44	92	86
Sales workers	**22 195**	**22 000**	**113**	**205**	**21 967**	**16 697**	**3 945**	**1 325**	**351**	**858**	**1 423**
Insurance agents, brokers, and underwriters	2 502	2 460	28	13	2 497	1 931	472	94	32	49	40
Real estate agents and brokers	1 431	1 431	–	12	1 418	909	403	106	63	110	103
Sales representatives, manufacturing industries	2 680	2 680	–	–	2 671	2 298	314	59	24	76	90
Sales representatives, wholesale trade	5 654	5 629	14	57	5 625	4 889	581	155	39	98	108
Sales clerks, retail trade	3 838	3 779	35	61	3 782	2 603	807	372	82	216	530
Salesmen, retail trade	2 671	2 656	–	23	2 620	1 826	628	166	50	121	163
Salesmen of services and construction	1 153	1 129	24	4	1 147	868	212	67	10	63	83
Other sales workers	2 266	2 236	12	35	2 207	1 373	528	306	51	125	306
Clerical and kindred workers	**18 928**	**18 177**	**424**	**233**	**18 747**	**14 502**	**2 899**	**1 346**	**422**	**1 011**	**1 649**
Bank tellers and cashiers	1 136	1 089	14	4	1 127	735	241	151	5	33	123
Bookkeepers and billing clerks	1 215	1 188	11	15	1 198	963	169	66	54	110	98
Mail handlers and postal clerks	2 662	2 451	110	38	2 627	2 227	248	152	28	155	150
Other clerical and kindred workers	13 915	13 449	289	176	13 795	10 577	2 241	977	335	713	1 278
Craftsmen and kindred workers	**54 706**	**53 661**	**651**	**785**	**54 350**	**37 904**	**13 697**	**2 749**	**1 559**	**3 209**	**4 309**
Apparel craftsmen and upholsterers	546	516	14	30	546	368	157	21	–	11	30
Bakers	622	602	20	7	622	506	104	12	23	35	27
Cabinetmakers	555	555	–	12	555	377	138	40	5	71	29
Construction craftsmen	15 024	14 811	124	194	14 931	7 223	6 565	1 143	544	1 067	1 406
Carpenters	5 387	5 339	21	94	5 356	2 198	2 749	409	211	518	490
Excavating, grading, and road machine operators	1 602	1 585	17	–	1 579	787	651	141	56	80	149
Electricians	2 234	2 192	20	19	2 231	1 587	573	71	64	104	138
Masons and tile setters	686	680	6	25	686	312	334	40	15	28	72
Painters, construction and maintenance, and paperhangers	1 895	1 841	41	15	1 890	749	843	298	93	144	359
Plasterers and cement finishers	488	475	–	18	478	182	270	26	25	14	27
Plumbers and pipe fitters	1 664	1 645	13	23	1 652	998	588	66	66	97	85
Other construction craftsmen	1 068	1 054	6	–	1 059	410	557	92	14	82	86
Foremen, n.e.c.	6 929	6 851	35	25	6 919	6 061	781	77	118	362	321
Manufacturing	3 503	3 500	3	4	3 493	3 112	352	29	30	164	156
Nonmanufacturing industries	3 426	3 351	32	21	3 426	2 949	429	48	88	198	165
Linemen and servicemen, telephone and power	1 901	1 835	55	14	1 888	1 599	242	47	29	103	79
Locomotive engineers and firemen	522	515	7	–	517	434	78	5	30	56	29
Mechanics and repairmen	12 028	11 843	109	176	11 982	9 224	2 182	576	233	523	676
Air conditioning, heating, and refrigeration	439	436	–	–	439	333	76	30	11	28	25
Aircraft	329	329	–	18	329	264	59	6	6	5	24
Automobile, including body	5 301	5 201	58	54	5 279	3 937	1 059	283	77	214	249
Radio and television	652	638	–	6	652	493	114	45	10	15	45
Other mechanics and repairmen	5 307	5 239	51	98	5 283	4 197	874	212	129	261	333
Metal craftsmen, except mechanics	6 269	6 110	124	110	6 255	4 855	1 193	207	155	352	319
Machinists and job and die setters	2 844	2 791	38	59	2 839	2 273	470	96	55	168	105
Sheetmetal workers and tinsmiths	1 248	1 230	9	27	1 239	901	287	51	15	39	60
Tool and die makers	424	420	–	–	424	358	61	5	29	21	26
Other metal craftsmen	1 753	1 669	77	24	1 753	1 323	375	55	56	124	128
Printing craftsmen	1 733	1 720	10	39	1 708	1 344	314	50	44	55	77
Compositors and typesetters	652	649	–	10	639	476	132	31	24	15	36
Pressmen and plate printers, printing	759	749	10	29	747	604	124	19	14	29	31
Stationary engineers and power station operators	760	738	12	15	760	654	91	15	40	93	63
Other craftsmen and kindred workers	7 817	7 565	141	163	7 667	5 259	1 852	556	338	481	1 253

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
PORTLAND, OREG.–WASH., SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**30 851**	**29 488**	**964**	**477**	**30 508**	**19 115**	**8 156**	**3 237**	**700**	**1 693**	**3 666**
Assemblers	1 622	1 528	36	46	1 595	1 040	363	192	29	50	258
Checkers, examiners, and inspectors; manufacturing	768	751	12	8	762	585	143	34	15	18	73
Garage workers and gas station attendants	2 634	2 586	26	40	2 601	915	894	792	31	72	525
Laundry and drycleaning operatives, n.e.c	348	313	30	–	338	223	76	39	15	28	39
Meat cutters and butchers	1 213	1 175	8	20	1 213	974	187	52	31	89	103
Mine operatives, n.e.c	108	108	–	9	108	72	17	19	4	7	26
Packers and wrappers, except produce	798	776	9	–	775	428	233	114	20	65	206
Painters, manufactured articles	485	462	15	16	485	322	103	60	15	45	25
Precision machine operatives	1 515	1 438	66	18	1 510	1 003	417	90	40	54	115
Sawyers	769	748	8	24	763	414	270	79	41	89	105
Stationary firemen	372	351	21	–	372	295	69	8	56	53	25
Textile operatives	132	132	–	10	132	99	24	9	–	4	20
Welders and flamecutters	3 987	3 834	97	73	3 952	2 425	1 323	204	31	228	218
Other metalworking operatives	1 608	1 500	108	16	1 589	1 094	354	141	14	86	129
Other specified operatives	5 185	4 902	208	28	5 098	3 012	1 464	622	131	319	912
Miscellaneous and not specified operatives	9 307	8 884	320	169	9 215	6 214	2 219	782	227	486	887
Occupation:											
Machine operatives, miscellaneous specified	4 404	4 191	156	58	4 359	3 091	894	374	128	272	343
Machine operatives, not specified	1 380	1 333	47	44	1 375	935	363	77	18	48	118
Miscellaneous operatives	2 499	2 352	105	40	2 467	1 544	661	262	57	109	281
Not specified operatives	1 024	1 008	12	27	1 014	644	301	69	24	57	145
Industry:											
Manufacturing	7 554	7 188	293	156	7 508	5 116	1 778	614	174	407	710
Durable goods	4 416	4 128	240	106	4 380	2 852	1 171	357	108	224	468
Wood products, including furniture	1 085	1 071	10	19	1 080	683	335	62	57	124	134
Primary metal industries	1 136	1 008	118	22	1 131	882	212	37	31	35	52
Fabricated metal industries	621	573	41	–	616	348	205	63	5	13	114
Machinery, including electrical	679	633	19	29	674	450	144	80	10	15	73
Motor vehicles and equipment	117	103	14	–	117	75	9	33	–	–	5
Transportation equipment, except motor vehicles	236	221	15	14	231	139	81	11	–	9	38
Other durable goods	542	519	23	22	531	275	185	71	5	28	52
Nondurable goods	3 101	3 023	53	50	3 091	2 258	580	253	66	183	238
Food and kindred products	568	554	6	6	568	374	155	39	24	38	104
Apparel and other fabricated textile products	119	119	–	–	119	46	17	56	10	11	3
Paper and allied products	1 731	1 684	36	21	1 726	1 393	247	86	26	106	86
Chemicals and allied products	349	343	6	8	349	307	39	3	6	5	18
Other nondurable goods	334	323	5	15	329	138	122	69	–	23	27
Not specified manufacturing industries	37	37	–	–	37	6	27	4	–	–	4
Nonmanufacturing industries	1 753	1 696	27	13	1 707	1 098	441	168	53	79	177
Transportation, communications, and other public utilities	340	325	8	7	335	269	53	13	15	27	20
Wholesale and retail trade	762	731	8	6	735	445	204	86	10	22	79
All other industries	651	640	11	–	637	384	184	69	28	30	78
Transport equipment operatives	**16 612**	**16 309**	**207**	**126**	**16 504**	**11 198**	**4 310**	**996**	**349**	**733**	**1 279**
Bus drivers	833	811	18	–	827	527	253	47	22	61	65
Taxicab drivers and chauffeurs	562	552	10	7	557	312	206	39	20	44	56
Truck drivers and deliverymen	11 786	11 623	97	89	11 735	8 032	3 009	694	235	464	750
Other transport equipment operatives	3 431	3 323	82	30	3 385	2 327	842	216	72	164	408
Laborers, except farm	**19 646**	**18 692**	**654**	**337**	**19 186**	**9 021**	**6 150**	**4 015**	**681**	**1 340**	**5 258**
Construction laborers	2 675	2 528	110	52	2 649	1 085	1 157	407	117	170	800
Freight, stock, and material handlers	8 333	8 046	163	101	8 190	4 435	2 343	1 412	214	474	1 604
Other specified laborers	5 486	5 240	143	68	5 288	2 143	1 692	1 453	218	454	1 777
Miscellaneous and not specified laborers	3 152	2 878	238	116	3 059	1 358	958	743	132	242	1 077
Occupation:											
Miscellaneous laborers	904	817	72	44	882	503	239	140	48	60	227
Not specified laborers	2 248	2 061	166	72	2 177	855	719	603	84	182	850
Industry:											
Manufacturing	1 535	1 396	128	36	1 493	667	547	279	72	98	452
Durable goods	1 065	959	101	21	1 029	437	395	197	35	56	239
Wood products, including furniture	364	359	–	14	345	133	143	69	10	21	125
Metal industries	406	346	60	7	394	241	93	60	11	25	44
Machinery, including electrical	53	53	–	–	53	12	29	12	–	–	12
Transportation equipment	119	88	31	–	119	14	93	12	–	5	29
Other durable goods	123	113	10	–	118	37	37	44	14	5	29
Nondurable goods	453	420	27	15	447	213	152	82	37	42	208
Food and kindred products	142	142	–	15	142	48	37	57	9	24	143
Not specified manufacturing industries	17	17	–	–	17	17	–	–	–	–	5
Nonmanufacturing industries	1 617	1 482	110	80	1 566	691	411	464	60	144	625
Railroads and railway express service	324	231	82	61	311	190	74	47	23	34	37
Transportation, except railroads	67	62	5	–	67	30	11	26	5	10	14
Communications, and utilities and sanitary services	131	121	6	–	131	116	15	–	–	11	41
Wholesale and retail trade	513	499	11	–	496	164	155	177	17	43	165
All other industries	582	569	6	19	561	191	156	214	15	46	368
Farmers and farm managers	**2 682**	**2 624**	**5**	**14**	**2 603**	**1 931**	**449**	**223**	**147**	**321**	**380**
Farm laborers and farm foremen	**3 024**	**2 861**	**57**	**87**	**2 907**	**944**	**818**	**1 145**	**155**	**530**	**2 282**
Paid farm laborers and farm foremen	2 857	2 708	57	74	2 755	880	784	1 091	138	479	2 172
Unpaid family workers	167	153	–	13	152	64	34	54	17	51	110
Service workers, except private household[1]	**21 497**	**19 579**	**1 135**	**345**	**20 804**	**11 683**	**5 064**	**4 057**	**676**	**1 786**	**3 942**
Cleaning service workers	7 561	6 997	474	102	7 295	4 214	1 869	1 212	313	861	1 313
Food service workers	5 937	5 076	323	119	5 660	2 135	1 601	1 924	130	359	1 590
Cooks, except private household	2 024	1 600	121	63	1 963	973	560	430	51	140	412
Busboys and dishwashers	2 023	1 913	32	23	1 901	300	565	1 036	14	112	854
Health service workers	608	564	30	14	592	260	198	134	9	40	113
Personal service workers	1 926	1 788	107	43	1 882	1 071	488	323	45	165	291
Protective service workers	3 660	3 614	32	40	3 636	3 004	423	209	136	263	260
Firemen, fire protection	1 098	1 094	–	9	1 092	1 045	34	13	33	53	17
Guards and watchmen	956	931	15	–	945	536	247	162	74	143	178
Policemen and detectives	1 320	1 303	17	17	1 313	1 161	127	25	21	38	59
Private household workers	**127**	**113**	**4**	**8**	**115**	**52**	**12**	**51**	–	**5**	**69**
Unemployed persons, last worked 1959 or earlier[2]	**66**	**59**	–	–	...	...	...	...	...	...	...

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
PORTLAND, OREG.–WASH., SMSA—Continued											
Female, 16 years old and over	**164 048**	**157 954**	**2 714**	**1 796**	**156 863**	**78 845**	**47 437**	**30 581**	**14 624**	**37 552**	**46 015**
Professional, technical, and kindred workers	**25 076**	**24 332**	**383**	**205**	**24 442**	**10 627**	**10 148**	**3 667**	**1 739**	**4 325**	**4 733**
Accountants	1 375	1 343	–	6	1 346	877	285	184	53	181	198
Computer specialists	169	169	–	–	169	98	54	17	9	31	31
Librarians	547	525	22	–	543	189	243	111	19	85	95
Mathematical specialists	36	31	5	–	36	36	–	–	–	12	12
Life and physical scientists	183	173	–	–	177	138	30	9	–	26	35
Registered nurses, dietitians, and therapists	5 460	5 329	62	66	5 335	3 156	1 582	597	424	972	827
Dietitians	188	171	11	–	180	139	36	5	23	10	22
Registered nurses	5 004	4 895	51	66	4 892	2 919	1 420	553	390	916	755
Health technologists and technicians	1 241	1 183	16	15	1 229	689	326	214	75	121	173
Social scientists	94	94	–	–	94	63	23	8	–	44	–
Social and recreation workers	885	824	40	–	846	541	203	102	47	171	163
Teachers: College and university	813	805	–	7	798	284	403	111	18	56	186
Elementary and prekindergarten	6 175	5 955	143	48	6 055	1 334	3 657	1 064	527	1 340	1 251
Secondary	2 372	2 322	36	21	2 316	503	1 395	418	148	432	347
Other teachers	911	886	9	4	911	258	491	162	71	130	189
Engineering and science technicians	516	499	5	–	503	368	99	36	35	101	110
Technicians, except health, and engineering and science	65	65	–	5	65	44	17	4	11	8	20
Writers, artists, and entertainers	1 285	1 257	9	5	1 236	538	459	239	64	216	460
Actors and dancers	66	66	–	–	58	14	28	16	–	21	21
Authors, editors, and reporters	243	239	–	5	238	154	52	32	10	50	75
Other professional, technical, and kindred workers	2 949	2 872	36	28	2 783	1 511	881	391	238	399	636
Managers and administrators, except farm	**6 661**	**6 533**	**74**	**30**	**6 470**	**4 520**	**1 374**	**576**	**512**	**1 157**	**1 097**
Buyers, purchasing agents, and sales managers	667	655	7	–	660	535	90	35	76	106	115
Restaurant, cafeteria, and bar managers	694	673	11	6	668	338	252	78	33	141	102
School administrators	327	312	15	–	317	172	122	23	16	29	28
Other specified managers and administrators	1 823	1 793	17	8	1 755	1 233	363	159	222	411	494
Managers and administrators, n.e.c., salaried	2 367	2 322	24	11	2 307	1 735	371	201	105	332	240
Wholesale and retail trade	759	743	–	–	748	599	67	82	41	116	59
Managers and administrators, n.e.c., self-employed	783	778	–	5	763	507	176	80	60	138	118
Wholesale and retail trade	430	430	–	–	416	251	101	64	35	66	65
Sales workers	**12 602**	**12 448**	**63**	**122**	**11 954**	**5 358**	**3 507**	**3 089**	**1 543**	**4 122**	**4 612**
Demonstrators, hucksters, and peddlers	1 280	1 265	–	11	1 146	263	407	476	81	508	518
Insurance, real estate agents, and brokers	1 045	1 045	–	9	1 007	544	271	192	73	222	158
Sales clerks, retail trade	7 795	7 690	47	85	7 506	3 445	2 239	1 822	1 151	2 773	2 837
Salesmen, retail trade	312	312	–	–	306	141	78	87	32	92	139
Other sales workers	2 170	2 136	16	17	1 989	965	512	512	206	527	960
Clerical and kindred workers	**62 099**	**60 297**	**1 056**	**651**	**59 991**	**34 892**	**15 211**	**9 888**	**5 345**	**12 615**	**14 133**
Bank tellers	1 339	1 312	15	12	1 289	734	334	221	143	304	299
Bookkeepers	8 081	7 981	36	75	7 909	5 402	1 668	839	575	1 263	1 401
Cashiers	3 352	3 226	46	19	3 208	1 479	897	832	293	778	1 015
Counter clerks, except food	975	921	26	13	953	464	304	185	98	284	280
Enumerators and interviewers	320	307	8	8	268	25	81	162	67	111	185
File clerks	1 698	1 605	57	7	1 616	624	462	530	127	394	452
Office machine operators	2 865	2 789	57	68	2 759	1 620	720	419	201	587	537
Bookkeeping and billing machine operators	432	424	–	12	412	248	99	65	62	141	63
Keypunch operators	1 658	1 605	48	36	1 595	896	450	249	76	305	304
Payroll and timekeeping clerks	566	557	9	13	560	386	131	43	58	102	104
Receptionists	2 155	2 106	21	15	2 043	1 057	660	326	246	561	603
Secretaries	15 771	15 471	153	155	15 446	9 725	3 760	1 961	1 202	3 113	3 021
Stenographers	931	920	11	–	919	667	171	81	121	208	176
Telephone operators	2 316	2 220	81	37	2 232	1 185	665	382	248	466	399
Typists	4 291	4 174	74	43	4 107	2 073	1 170	864	469	1 122	1 140
Other clerical and kindred workers	17 439	16 708	462	186	16 682	9 451	4 188	3 043	1 497	3 322	4 521
Craftsmen and kindred workers	**2 876**	**2 799**	**45**	**17**	**2 795**	**1 789**	**621**	**385**	**173**	**488**	**597**
Foremen, n.e.c.	701	674	11	–	701	523	127	51	25	118	76
Operatives, except transport	**16 402**	**15 525**	**486**	**308**	**15 788**	**7 582**	**4 839**	**3 367**	**1 665**	**4 857**	**6 117**
Assemblers	2 637	2 573	24	65	2 587	1 372	755	460	128	532	608
Bottling and canning operatives	252	246	6	–	237	15	29	193	92	150	355
Checkers, examiners, and inspectors, manufacturing	991	981	4	23	970	577	250	143	38	281	257
Dressmakers and seamstresses, except factory	395	367	7	14	385	151	152	82	50	140	116
Laundry and drycleaning operatives, including ironers	1 397	1 255	116	33	1 338	777	350	211	171	383	379
Graders and sorters, manufacturing	180	180	–	9	157	38	37	82	69	274	456
Packers and wrappers, except produce	1 869	1 782	53	20	1 815	734	637	444	277	624	784
Sewers and stitchers	2 426	2 210	72	57	2 304	1 109	731	464	308	825	682
Textile operatives	252	234	13	19	252	144	64	44	28	45	86
Other specified operatives	2 495	2 326	123	16	2 331	1 137	744	450	210	721	1 119
Miscellaneous and not specified operatives	3 508	3 371	68	52	3 412	1 528	1 090	794	294	882	1 275
Manufacturing	2 984	2 875	43	40	2 902	1 305	904	693	245	749	1 075
Durable goods	1 468	1 410	24	14	1 453	705	466	282	54	222	296
Machinery, including electrical	795	765	3	8	795	384	254	157	38	99	105
Other durable goods	673	645	21	6	658	321	212	125	16	123	191
Nondurable goods, including not specified manufacturing	1 516	1 465	19	26	1 449	600	438	411	191	527	779
Food and kindred products	434	422	8	9	422	86	107	229	97	335	444
Apparel and other fabricated textile products	382	365	5	–	348	141	145	62	28	85	143
Nonmanufacturing industries	524	496	25	12	510	223	186	101	49	133	200
Transport equipment operatives	**828**	**815**	**13**	–	**792**	**267**	**365**	**160**	**24**	**143**	**137**
Laborers, except farm	**1 848**	**1 749**	**65**	**23**	**1 703**	**758**	**537**	**408**	**173**	**452**	**594**
Farmers and farm managers	**421**	**373**	**11**	–	**406**	**277**	**69**	**60**	**50**	**41**	**98**
Farm laborers and farm foremen	**1 147**	**1 061**	**8**	**15**	**1 046**	**241**	**348**	**457**	**184**	**509**	**1 948**
Paid farm laborers and farm foremen	934	876	8	15	849	165	279	405	141	482	1 748
Unpaid family workers	213	185	–	–	197	76	69	52	43	27	200
Service workers, except private household[1]	**29 628**	**27 974**	**1 145**	**393**	**27 672**	**11 594**	**9 215**	**6 863**	**2 802**	**7 787**	**10 341**
Cleaning service workers	3 530	3 166	292	74	3 251	1 548	889	814	403	953	929
Chambermaids and maids	1 060	935	90	29	964	375	310	279	137	395	389
Food service workers	12 568	12 112	188	157	11 795	3 986	4 523	3 286	1 265	3 789	4 903
Cooks, except private household	2 912	2 819	73	26	2 814	1 105	1 275	434	245	886	737
Waiters and food counter workers	6 588	6 402	38	89	6 042	1 823	2 197	2 022	697	2 007	3 082
Health service workers	6 566	6 183	326	97	6 298	3 130	1 817	1 351	532	1 577	1 955
Nursing aides, orderlies, and attendants	3 500	3 270	190	83	3 328	1 573	882	873	290	965	1 312
Practical nurses	1 300	1 191	95	7	1 263	747	373	143	104	337	188
Personal service workers	4 145	3 936	159	42	3 924	1 781	1 187	956	338	972	1 228
Hairdressers and cosmetologists	2 048	1 972	59	22	1 962	1 058	613	291	181	494	448
Private household workers	**4 102**	**3 711**	**350**	**32**	**3 804**	**940**	**1 203**	**1 661**	**414**	**1 056**	**1 608**
Private household workers, living in	420	405	5	–	386	199	141	46	–	–	5
Private household workers, living out	3 682	3 306	345	32	3 418	741	1 062	1 615	414	1 056	1 603
Unemployed persons, last worked 1959 or earlier[2]	**358**	**337**	**15**	–	...	...	...	...	...	...	...

[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
SEATTLE–EVERETT SMSA											
Male, 16 years old and over	**378 559**	**358 456**	**9 498**	**6 278**	**374 613**	**265 274**	**80 416**	**28 923**	**6 956**	**17 385**	**37 372**
Professional, technical, and kindred workers	**73 566**	**70 549**	**948**	**1 080**	**73 243**	**57 589**	**12 477**	**3 177**	**509**	**1 731**	**3 821**
Accountants	4 759	4 585	44	130	4 707	4 025	533	149	34	184	181
Architects	1 032	974	14	–	1 028	798	163	67	7	15	20
Computer specialists	2 239	2 183	20	12	2 234	1 953	208	73	–	5	62
Engineers	21 814	20 919	148	359	21 774	19 811	1 552	411	162	407	618
Aeronautical and astronautical	5 932	5 687	33	72	5 932	5 554	310	68	10	33	97
Civil	2 587	2 449	14	41	2 587	2 313	189	85	33	67	104
Electrical and electronic	3 989	3 776	49	57	3 983	3 642	275	66	42	58	104
Mechanical	3 486	3 339	15	65	3 466	3 005	378	83	31	125	122
Other engineers	5 820	5 668	37	124	5 806	5 297	400	109	46	124	191
Lawyers and judges	2 222	2 190	15	24	2 217	1 844	267	106	9	41	50
Life and physical scientists	1 056	1 012	4	8	1 050	897	124	29	–	18	84
Chemists	405	387	4	8	405	351	48	6	–	10	32
Physicians, dentists, and related practitioners	4 503	4 341	24	73	4 483	3 022	1 292	169	57	165	155
Dentists	923	886	7	5	918	387	499	32	10	41	20
Pharmacists	745	690	–	27	745	585	130	30	12	57	25
Physicians, medical and osteopathic	2 416	2 366	17	41	2 411	1 751	570	90	22	53	96
Other related practitioners	419	399	–	–	409	299	93	17	13	14	14
Health technologists and technicians	590	549	18	16	586	467	79	40	12	24	62
Religious workers	1 272	1 239	20	–	1 272	1 098	130	44	6	59	64
Social scientists	844	791	24	–	844	712	103	29	–	–	14
Social and recreation workers	815	717	80	21	807	534	193	80	–	42	131
Teachers	10 064	9 741	94	134	10 009	4 980	4 261	768	65	237	444
College and university	3 536	3 364	51	31	3 494	1 725	1 429	340	21	91	256
Elementary and prekindergarten	1 810	1 765	5	7	1 810	805	879	126	5	39	52
Secondary	3 948	3 874	28	73	3 935	1 931	1 795	209	33	76	87
Engineering and science technicians	6 630	6 358	61	78	6 596	5 483	885	228	24	151	664
Draftsmen and surveyors	3 035	2 887	21	53	3 024	2 433	458	133	6	51	358
Electrical and electronic engineering technicians	1 707	1 673	9	18	1 697	1 445	215	37	18	26	49
Technicians, except health, and engineering and science	2 802	2 734	14	47	2 796	2 474	253	69	14	63	67
Airplane pilots	1 274	1 268	–	–	1 274	1 120	117	37	6	36	28
Writers, artists, and entertainers	5 033	4 724	142	107	4 995	3 488	1 124	383	50	100	419
Other professional, technical, and kindred workers	7 891	7 492	226	71	7 845	6 003	1 310	532	69	220	786
Managers and administrators, except farm	**44 280**	**42 828**	**461**	**728**	**44 060**	**37 497**	**5 367**	**1 196**	**921**	**1 803**	**1 860**
Buyers, purchasing agents, and sales managers	6 966	6 788	52	115	6 951	6 254	582	115	94	179	158
School administrators	998	981	3	–	993	601	346	46	17	22	35
Specified managers and administrators, public administration	2 512	2 357	66	42	2 498	2 273	184	41	82	145	146
Other specified managers and administrators	8 260	7 904	121	113	8 186	6 594	1 237	355	225	462	613
Managers and administrators, n.e.c., salaried	19 752	19 322	150	377	19 673	17 349	1 910	414	319	665	529
Manufacturing	4 871	4 822	22	50	4 866	4 555	261	50	57	121	129
Wholesale and retail trade	6 100	5 911	45	200	6 085	5 263	658	164	110	189	117
Transportation, communications, and other public utilities	2 192	2 169	–	27	2 166	1 985	155	26	75	99	67
All other industries	6 589	6 420	83	100	6 556	5 546	836	174	77	256	216
Managers and administrators, n.e.c., self-employed	5 792	5 476	69	81	5 759	4 426	1 108	225	184	330	379
Construction	1 360	1 323	5	28	1 350	760	522	68	33	76	90
Manufacturing	470	462	4	–	470	348	93	29	25	24	42
Wholesale and retail trade	2 597	2 448	12	32	2 584	2 263	246	75	93	143	141
All other industries	1 365	1 243	48	21	1 355	1 055	247	53	33	87	106
Sales workers	**30 326**	**29 625**	**243**	**517**	**30 050**	**22 616**	**5 631**	**1 803**	**407**	**1 123**	**2 005**
Insurance agents, brokers, and underwriters	3 364	3 283	33	67	3 354	2 737	552	65	10	72	100
Real estate agents and brokers	3 316	3 271	15	53	3 272	2 217	915	140	41	152	185
Sales representatives, manufacturing industries	3 126	3 077	16	49	3 122	2 626	408	88	51	70	80
Sales representatives, wholesale trade	7 032	6 900	33	87	7 007	5 942	901	164	66	170	181
Sales clerks, retail trade	5 517	5 288	90	133	5 451	3 571	1 216	664	101	255	681
Salesmen, retail trade	3 285	3 255	23	48	3 275	2 451	629	195	57	104	158
Salesmen of services and construction	1 439	1 410	17	30	1 429	1 112	235	82	23	37	121
Other sales workers	3 247	3 141	16	50	3 140	1 960	775	405	58	263	499
Clerical and kindred workers	**28 114**	**26 406**	**839**	**522**	**27 844**	**20 583**	**5 019**	**2 242**	**466**	**1 273**	**2 691**
Bank tellers and cashiers	1 211	1 141	23	39	1 187	741	263	183	22	54	206
Bookkeepers and billing clerks	1 573	1 483	19	50	1 555	1 113	317	125	38	82	103
Mail handlers and postal clerks	3 595	3 189	238	86	3 588	2 777	605	206	61	143	297
Other clerical and kindred workers	21 735	20 593	559	347	21 514	15 952	3 834	1 728	345	994	2 085
Craftsmen and kindred workers	**85 829**	**82 550**	**1 779**	**1 245**	**85 196**	**60 301**	**20 652**	**4 243**	**1 701**	**4 086**	**6 140**
Apparel craftsmen and upholsterers	507	502	–	7	501	312	141	48	20	39	76
Bakers	661	636	11	35	656	475	149	32	25	51	39
Cabinetmakers	579	560	4	26	579	380	164	35	22	53	58
Construction craftsmen	24 895	24 012	519	373	24 673	12 607	10 185	1 881	626	1 450	2 064
Carpenters	8 413	8 226	90	77	8 330	3 388	4 180	762	297	668	802
Excavating, grading, and road machine operators	2 044	2 009	23	44	2 037	1 011	853	173	36	120	155
Electricians	5 218	5 049	61	92	5 196	3 734	1 270	192	109	128	184
Masons and tile setters	941	903	24	6	931	312	552	67	15	31	32
Painters, construction and maintenance, and paperhangers	2 782	2 625	92	63	2 717	1 266	1 048	403	90	210	572
Plasterers and cement finishers	789	676	102	–	784	273	450	61	6	26	73
Plumbers and pipe fitters	3 158	2 990	127	63	3 133	1 845	1 157	131	56	179	151
Other construction craftsmen	1 550	1 534	–	28	1 545	778	675	92	17	88	95
Foremen, n.e.c.	9 703	9 440	125	113	9 681	8 516	1 003	162	139	402	261
Manufacturing	5 444	5 309	45	25	5 439	4 989	402	48	69	188	79
Nonmanufacturing industries	4 259	4 131	80	88	4 242	3 527	601	114	70	214	182
Linemen and servicemen, telephone and power	3 106	3 045	42	16	3 096	2 544	485	67	16	104	119
Locomotive engineers and firemen	481	464	11	–	481	397	68	16	27	34	15
Mechanics and repairmen	21 195	20 336	456	326	21 123	16 749	3 573	801	223	610	950
Air conditioning, heating, and refrigeration	718	710	5	7	713	500	190	23	17	13	38
Aircraft	7 022	6 659	236	162	7 019	6 002	870	147	38	133	198
Automobile, including body	6 104	5 862	99	83	6 060	4 639	1 154	267	70	201	306
Radio and television	1 068	1 033	12	8	1 068	811	172	85	–	39	43
Other mechanics and repairmen	6 283	6 072	104	66	6 263	4 797	1 187	279	98	224	365
Metal craftsmen, except mechanics	11 000	10 585	224	196	10 946	8 517	2 138	291	208	534	451
Machinists and job and die setters	4 573	4 456	63	100	4 548	3 707	718	123	70	213	181
Sheetmetal workers and tinsmiths	1 964	1 883	58	34	1 959	1 179	725	55	26	99	71
Tool and die makers	1 730	1 658	45	24	1 722	1 536	169	17	32	59	66
Other metal craftsmen	2 733	2 588	58	38	2 717	2 095	526	96	80	163	133
Printing craftsmen	2 018	1 947	28	24	1 991	1 564	326	101	18	60	63
Compositors and typesetters	802	766	15	17	782	594	122	66	6	40	27
Pressmen and plate printers, printing	936	908	13	7	929	751	152	26	8	9	31
Stationary engineers and power station operators	1 375	1 327	17	24	1 359	1 165	129	65	80	95	84
Other craftsmen and kindred workers	10 309	9 696	342	105	10 110	7 075	2 291	744	297	654	1 960

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
SEATTLE-EVERETT SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**38 502**	**35 841**	**1 584**	**704**	**38 017**	**24 709**	**9 672**	**3 636**	**865**	**1 860**	**4 347**
Assemblers	2 413	2 253	88	71	2 383	1 601	571	211	41	87	203
Checkers, examiners, and inspectors; manufacturing	2 327	2 256	31	25	2 321	2 015	218	88	20	66	132
Garage workers and gas station attendants	3 795	3 684	70	63	3 705	1 351	1 430	924	44	71	801
Laundry and drycleaning operatives, n.e.c	395	312	50	6	381	259	72	50	25	23	76
Meat cutters and butchers	1 444	1 370	21	47	1 444	1 178	232	34	54	80	127
Mine operatives, n.e.c	119	119	–	–	119	54	56	9	24	31	21
Packers and wrappers, except produce	1 002	905	57	49	979	527	306	146	53	105	227
Painters, manufactured articles	714	610	75	6	684	516	138	30	22	32	63
Precision machine operatives	1 910	1 827	41	46	1 905	1 459	332	114	50	131	88
Sawyers	933	909	7	22	919	560	302	57	65	94	63
Stationary firemen	484	470	3	–	480	362	80	38	9	53	41
Textile operatives	51	40	–	–	51	25	16	10	–	10	7
Welders and flamecutters	3 353	3 076	190	71	3 322	2 142	955	225	37	115	163
Other metalworking operatives	2 118	1 846	205	79	2 095	1 580	380	135	33	62	145
Other specified operatives	6 794	6 229	326	61	6 678	3 743	2 216	719	181	440	1 055
Miscellaneous and not specified operatives	10 650	9 935	420	158	10 551	7 337	2 368	846	207	460	1 135
Occupation:											
Machine operatives, miscellaneous specified	4 099	3 797	195	64	4 047	2 912	890	245	84	206	374
Machine operatives, not specified	1 530	1 411	83	23	1 520	1 185	242	93	11	78	162
Miscellaneous operatives	3 524	3 291	104	57	3 497	2 180	934	383	66	116	475
Not specified operatives	1 497	1 436	38	14	1 487	1 060	302	125	46	60	124
Industry:											
Manufacturing	8 248	7 704	307	123	8 156	5 852	1 742	562	151	365	815
Durable goods	6 215	5 791	256	96	6 155	4 396	1 359	400	89	282	436
Wood products, including furniture	1 079	1 059	–	8	1 065	676	288	101	32	88	113
Primary metal industries	488	441	42	6	488	313	153	22	4	27	67
Fabricated metal industries	555	495	31	6	542	323	155	64	10	22	60
Machinery, including electrical	473	440	18	14	473	322	107	44	5	11	49
Motor vehicles and equipment	50	50	–	–	50	35	10	5	–	5	12
Transportation equipment, except motor vehicles	2 693	2 458	159	48	2 664	2 177	388	99	21	86	99
Other durable goods	877	848	6	14	873	550	258	65	17	43	36
Nondurable goods	2 029	1 909	51	27	1 997	1 456	379	162	62	83	373
Food and kindred products	610	561	19	14	594	421	126	47	39	36	184
Apparel and other fabricated textile products	107	84	5	8	102	40	32	30	–	–	21
Paper and allied products	847	824	16	5	843	671	143	29	11	20	91
Chemicals and allied products	146	142	–	–	146	107	17	22	6	17	10
Other nondurable goods	319	298	11	–	312	217	61	34	6	10	67
Not specified manufacturing industries	4	4	–	–	4	–	4	–	–	–	6
Nonmanufacturing industries	2 402	2 231	113	35	2 395	1 485	626	284	56	95	320
Transportation, communications, and other public utilities	629	579	34	7	629	482	119	28	10	22	26
Wholesale and retail trade	928	867	47	13	924	548	249	127	25	39	129
All other industries	845	785	32	15	842	455	258	129	21	34	165
Transport equipment operatives	**18 619**	**17 857**	**471**	**370**	**18 480**	**12 841**	**4 421**	**1 218**	**318**	**739**	**1 491**
Bus drivers	1 136	1 125	11	27	1 130	893	198	39	15	83	49
Taxicab drivers and chauffeurs	870	824	29	21	859	404	331	124	24	48	80
Truck drivers and deliverymen	13 232	12 762	267	256	13 146	9 239	3 123	784	193	453	988
Other transport equipment operatives	3 381	3 146	164	66	3 345	2 305	769	271	86	155	374
Laborers, except farm	**25 895**	**23 673**	**1 207**	**482**	**25 300**	**11 599**	**8 584**	**5 117**	**707**	**2 086**	**7 609**
Construction laborers	4 063	3 740	233	37	3 981	1 424	1 905	652	103	310	1 300
Freight, stock, and material handlers	11 303	10 686	309	308	11 066	5 711	3 314	2 041	221	689	2 345
Other specified laborers	6 986	6 105	372	88	6 781	2 942	2 211	1 628	220	787	2 730
Miscellaneous and not specified laborers	3 543	3 142	293	49	3 472	1 522	1 154	796	163	300	1 234
Occupation:											
Miscellaneous laborers	1 295	1 103	142	20	1 273	701	368	204	86	121	296
Not specified laborers	2 248	2 039	151	29	2 199	821	786	592	77	179	938
Industry:											
Manufacturing	1 729	1 446	216	14	1 711	774	699	238	83	114	458
Durable goods	1 305	1 065	195	14	1 290	591	524	175	60	63	266
Wood products, including furniture	373	354	5	–	373	177	170	26	23	21	50
Metal industries	275	204	49	–	275	120	105	50	18	18	71
Machinery, including electrical	71	61	10	–	71	33	38	–	–	–	10
Transportation equipment	348	213	126	7	343	164	93	86	10	14	56
Other durable goods	238	233	5	7	228	97	118	13	9	10	79
Nondurable goods	415	372	21	–	412	180	169	63	23	51	192
Food and kindred products	136	114	8	–	133	46	57	30	19	27	98
Not specified manufacturing industries	9	9	–	–	9	3	6	–	–	–	–
Nonmanufacturing industries	1 814	1 696	77	35	1 761	748	455	558	80	186	776
Railroads and railway express service	189	150	17	6	189	119	34	36	35	46	101
Transportation, except railroads	107	107	–	6	102	33	58	11	5	15	24
Communications, and utilities and sanitary services	250	227	23	9	250	168	47	35	28	10	23
Wholesale and retail trade	608	571	23	7	593	251	123	219	8	35	281
All other industries	660	641	14	7	627	177	193	257	4	80	347
Farmers and farm managers	**1 175**	**1 070**	**33**	**–**	**1 152**	**881**	**176**	**95**	**135**	**246**	**232**
Farm laborers and farm foremen	**1 848**	**1 680**	**58**	**34**	**1 750**	**745**	**445**	**560**	**102**	**209**	**1 194**
Paid farm laborers and farm foremen	1 778	1 617	58	34	1 685	700	440	545	102	209	1 141
Unpaid family workers	70	63	–	–	65	45	5	15	–	–	53
Service workers, except private household[1]	**30 075**	**26 095**	**1 850**	**588**	**29 308**	**15 868**	**7 901**	**5 539**	**825**	**2 204**	**5 922**
Cleaning service workers	9 570	8 264	859	206	9 302	5 192	2 494	1 616	312	823	1 922
Food service workers	9 469	7 882	378	224	9 137	3 451	2 983	2 703	201	673	2 290
Cooks, except private household	3 473	2 682	152	91	3 363	1 561	1 210	592	93	179	556
Busboys and dishwashers	2 763	2 448	58	34	2 611	439	749	1 423	43	235	1 215
Health service workers	531	478	33	32	526	236	181	109	5	27	130
Personal service workers	2 947	2 594	157	70	2 877	1 634	795	448	96	233	655
Protective service workers	5 680	5 453	153	56	5 637	4 381	972	284	141	345	420
Firemen, fire protection	1 584	1 531	33	26	1 584	1 424	144	16	6	30	59
Guards and watchmen	1 506	1 424	61	–	1 468	834	434	200	85	242	267
Policemen and detectives	2 233	2 168	54	16	2 228	1 898	290	40	37	45	71
Private household workers	**230**	**188**	**19**	**8**	**213**	**45**	**71**	**97**	**–**	**25**	**60**
Unemployed persons, last worked 1959 or earlier[2]	**100**	**94**	**6**	**–**	...	...	...	...	...	...	...

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
SEATTLE–EVERETT SMSA—Continued											
Female, 16 years old and over	**226 035**	**211 970**	**7 161**	**3 224**	**216 407**	**110 484**	**65 975**	**39 948**	**21 482**	**55 822**	**60 016**
Professional, technical, and kindred workers	**39 470**	**37 523**	**942**	**515**	**38 482**	**17 923**	**14 646**	**5 913**	**3 086**	**7 367**	**7 485**
Accountants	2 785	2 701	29	33	2 669	1 850	505	314	184	352	273
Computer specialists	576	558	–	–	564	444	83	37	15	61	66
Librarians	819	768	14	–	794	380	291	123	55	98	128
Mathematical specialists	195	195	–	–	190	140	27	23	16	36	26
Life and physical scientists	222	213	–	19	217	141	52	24	22	20	33
Registered nurses, dietitians, and therapists	7 972	7 457	230	78	7 828	4 638	2 059	1 131	671	1 625	1 363
Dietitians	274	218	18	4	274	165	74	35	22	39	18
Registered nurses	7 212	6 773	197	74	7 073	4 216	1 827	1 030	599	1 490	1 248
Health technologists and technicians	1 535	1 408	51	48	1 484	846	404	234	194	319	257
Social scientists	205	199	–	6	205	102	81	22	4	35	8
Social and recreation workers	1 273	1 155	104	26	1 243	736	299	208	64	320	423
Teachers: College and university	1 549	1 446	46	43	1 526	387	884	255	86	213	294
Elementary and prekindergarten	8 710	8 421	142	103	8 529	2 153	4 871	1 505	760	2 077	1 907
Secondary	3 209	3 112	50	59	3 136	922	1 685	529	347	656	526
Other teachers	1 208	1 191	12	–	1 180	236	712	232	78	191	352
Engineering and science technicians	1 212	1 125	30	21	1 176	724	365	87	93	233	152
Technicians, except health, and engineering and science	195	195	–	6	195	134	38	23	5	15	16
Writers, artists, and entertainers	2 599	2 518	30	33	2 529	1 173	862	494	146	445	726
Actors and dancers	143	124	15	–	126	30	61	35	6	44	49
Authors, editors, and reporters	435	417	–	–	435	232	128	75	47	76	113
Other professional, technical, and kindred workers	5 206	4 861	204	40	5 017	2 917	1 428	672	346	671	935
Managers and administrators, except farm	**8 551**	**8 160**	**144**	**83**	**8 356**	**5 870**	**1 725**	**761**	**658**	**1 477**	**1 585**
Buyers, purchasing agents, and sales managers	1 115	1 055	26	–	1 100	864	167	69	112	192	77
Restaurant, cafeteria, and bar managers	707	673	18	5	707	380	249	78	46	114	88
School administrators	360	329	31	–	360	180	133	47	18	59	74
Other specified managers and administrators	2 677	2 586	21	39	2 599	1 820	521	258	251	497	788
Managers and administrators, n.e.c., salaried	2 702	2 625	27	39	2 635	1 952	464	219	132	378	358
Wholesale and retail trade	718	703	10	12	698	529	114	55	52	121	96
Managers and administrators, n.e.c., self-employed	990	892	21	–	955	674	191	90	99	237	200
Wholesale and retail trade	589	531	2	–	572	415	103	54	45	125	101
Sales workers	**18 120**	**17 568**	**245**	**236**	**17 423**	**7 876**	**5 459**	**4 088**	**2 073**	**6 014**	**6 997**
Demonstrators, hucksters, and peddlers	1 385	1 367	7	7	1 232	288	448	496	96	527	884
Insurance, real estate agents, and brokers	1 865	1 843	–	34	1 807	945	634	228	107	363	306
Sales clerks, retail trade	11 438	11 043	164	161	11 126	4 982	3 411	2 733	1 560	4 292	4 473
Salesmen, retail trade	506	506	–	5	500	232	110	158	17	164	145
Other sales workers	2 926	2 809	74	29	2 758	1 429	856	473	293	668	1 189
Clerical and kindred workers	**92 197**	**88 144**	**1 949**	**1 214**	**88 969**	**51 634**	**23 351**	**13 984**	**8 853**	**21 018**	**20 805**
Bank tellers	2 242	2 147	50	58	2 181	1 103	727	351	202	550	364
Bookkeepers	10 525	10 280	63	91	10 277	6 872	2 445	960	768	2 119	1 803
Cashiers	5 519	5 340	71	75	5 273	2 301	1 647	1 325	447	1 536	1 470
Counter clerks, except food	1 505	1 449	16	12	1 446	708	465	273	131	296	505
Enumerators and interviewers	315	289	19	7	286	66	98	122	100	112	208
File clerks	3 134	2 918	137	49	2 950	1 442	743	765	431	1 001	920
Office machine operators	4 054	3 784	128	64	3 955	2 391	1 025	539	389	1 017	805
Bookkeeping and billing machine operators	671	623	31	–	651	398	164	89	50	186	120
Keypunch operators	1 982	1 815	68	32	1 931	1 177	474	280	190	494	355
Payroll and timekeeping clerks	693	661	–	6	683	478	113	92	77	186	111
Receptionists	3 263	3 135	66	63	3 086	1 439	1 008	639	300	809	956
Secretaries	21 661	20 975	236	268	21 113	13 241	5 390	2 482	2 108	4 907	4 042
Stenographers	1 244	1 205	4	7	1 199	842	194	163	284	380	172
Telephone operators	2 959	2 780	141	24	2 846	1 509	907	430	362	768	651
Typists	7 032	6 558	245	145	6 728	3 601	1 839	1 288	1 027	2 005	1 826
Other clerical and kindred workers	28 051	26 623	773	345	26 946	15 641	6 750	4 555	2 227	5 332	6 972
Craftsmen and kindred workers	**4 403**	**4 079**	**180**	**52**	**4 288**	**2 731**	**1 067**	**490**	**297**	**974**	**744**
Foremen, n.e.c.	650	618	12	5	645	523	87	35	27	87	78
Operatives, except transport	**15 904**	**13 650**	**911**	**338**	**15 308**	**7 662**	**4 801**	**2 845**	**1 848**	**5 244**	**4 918**
Assemblers	1 715	1 604	66	7	1 663	944	465	254	105	590	360
Bottling and canning operatives	113	103	–	–	98	25	44	29	33	91	114
Checkers, examiners, and inspectors; manufacturing	674	606	15	20	653	418	143	92	68	255	163
Dressmakers and seamstresses, except factory	643	572	9	6	612	272	255	85	92	164	138
Laundry and drycleaning operatives, including ironers	1 738	1 359	227	13	1 707	903	474	330	277	561	398
Graders and sorters, manufacturing	89	82	7	–	84	23	33	28	55	141	176
Packers and wrappers, except produce	2 256	2 140	38	65	2 194	980	760	454	289	845	890
Sewers and stitchers	2 084	1 393	86	132	1 978	796	845	337	229	674	530
Textile operatives	69	63	–	–	57	20	19	18	13	31	47
Other specified operatives	2 880	2 477	266	38	2 747	1 459	769	519	346	826	985
Miscellaneous and not specified operatives	3 643	3 251	197	57	3 515	1 822	994	699	341	1 066	1 117
Manufacturing	2 887	2 572	168	50	2 813	1 554	766	493	253	855	820
Durable goods	1 625	1 422	119	13	1 574	991	384	199	85	452	326
Machinery, including electrical	188	163	20	–	174	76	83	15	20	49	37
Other durable goods	1 437	1 259	99	13	1 400	915	301	184	65	403	289
Nondurable goods, including not specified manufacturing	1 262	1 150	49	37	1 239	563	382	294	168	403	494
Food and kindred products	426	381	–	24	403	133	120	150	91	206	217
Apparel and other fabricated textile products	118	92	16	7	118	55	29	34	6	39	110
Nonmanufacturing industries	756	679	29	7	702	268	228	206	88	211	297
Transport equipment operatives	**1 153**	**1 132**	**15**	**–**	**1 105**	**266**	**583**	**256**	**28**	**148**	**184**
Laborers, except farm	**1 917**	**1 665**	**130**	**24**	**1 781**	**813**	**552**	**416**	**169**	**535**	**729**
Farmers and farm managers	**215**	**168**	**10**	**–**	**194**	**155**	**26**	**13**	**30**	**73**	**47**
Farm laborers and farm foremen	**574**	**490**	**10**	**–**	**497**	**156**	**142**	**199**	**101**	**347**	**636**
Paid farm laborers and farm foremen	490	406	10	–	418	102	127	189	80	311	575
Unpaid family workers	84	84	–	–	79	54	15	10	21	36	61
Service workers, except private household[1]	**37 694**	**34 304**	**2 099**	**668**	**35 248**	**14 148**	**12 096**	**9 004**	**3 689**	**11 248**	**13 767**
Cleaning service workers	3 873	3 198	530	96	3 554	1 733	994	827	467	1 096	1 492
Chambermaids and maids	992	795	149	12	888	359	287	242	149	397	563
Food service workers	16 955	16 006	370	278	15 828	4 968	6 181	4 679	1 684	6 017	6 853
Cooks, except private household	3 603	3 365	160	40	3 426	1 337	1 432	657	315	1 138	879
Waiters and food counter workers	9 835	9 302	152	192	9 101	2 665	3 452	2 984	1 057	3 739	4 743
Health service workers	6 977	6 150	601	162	6 653	3 036	1 983	1 634	665	2 123	2 293
Nursing aides, orderlies, and attendants	3 252	2 908	273	77	3 018	1 207	883	928	317	1 150	1 365
Practical nurses	1 598	1 305	228	27	1 563	899	476	188	145	429	375
Personal service workers	6 866	6 276	352	95	6 583	3 189	2 154	1 240	584	1 482	1 821
Hairdressers and cosmetologists	2 848	2 656	97	48	2 761	1 401	899	461	245	702	464
Private household workers	**5 248**	**4 541**	**526**	**89**	**4 756**	**1 250**	**1 527**	**1 979**	**650**	**1 377**	**2 119**
Private household workers, living in	478	467	3	19	449	242	131	76	6	19	9
Private household workers, living out	4 770	4 074	523	70	4 307	1 008	1 396	1 903	644	1 358	2 110
Unemployed persons, last worked 1959 or earlier[2]	**589**	**546**	**–**	**5**	...	...	...	...	...	...	...

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
SPOKANE SMSA											
Male, 16 years old and over	**65 481**	**64 322**	**513**	**647**	**64 483**	**46 779**	**11 638**	**6 066**	**2 336**	**5 381**	**8 613**
Professional, technical, and kindred workers	**8 901**	**8 746**	**65**	**74**	**8 831**	**6 606**	**1 681**	**544**	**140**	**324**	**493**
Accountants	661	645	12	-	651	576	60	15	10	12	28
Architects	66	66	-	-	66	51	10	5	8	-	-
Computer specialists	147	143	-	-	141	122	19	-	-	-	11
Engineers	909	904	-	7	909	813	87	9	32	65	27
Aeronautical and astronautical	6	6	-	-	6	-	6	-	-	-	-
Civil	248	248	-	-	248	222	26	-	11	25	12
Electrical and electronic	195	195	-	-	195	181	14	-	6	-	4
Mechanical	115	115	-	7	115	100	15	-	5	17	6
Other engineers	345	340	-	-	345	310	26	9	10	23	5
Lawyers and judges	311	311	-	-	311	242	59	10	-	-	5
Life and physical scientists	159	159	-	-	159	138	7	14	5	9	17
Chemists	78	78	-	-	78	78	-	-	5	-	-
Physicians, dentists, and related practitioners	977	951	-	-	973	777	147	49	8	20	23
Dentists	205	205	-	-	205	143	62	-	-	10	-
Pharmacists	192	183	-	-	192	153	9	30	8	-	9
Physicians, medical and osteopathic	484	467	-	-	480	396	65	19	-	6	9
Other related practitioners	96	96	-	-	96	85	11	-	-	4	5
Health technologists and technicians	118	118	-	7	118	76	16	26	-	10	18
Religious workers	371	367	4	-	371	341	19	11	5	5	23
Social scientists	63	58	-	-	63	48	15	-	6	-	5
Social and recreation workers	210	194	3	-	204	150	23	31	4	-	42
Teachers	1 933	1 899	18	18	1 914	1 039	752	123	24	62	41
College and university	798	771	11	14	779	396	327	56	4	15	27
Elementary and prekindergarten	404	404	-	4	404	221	167	16	15	24	9
Secondary	636	629	7	-	636	361	230	45	-	14	5
Engineering and science technicians	767	758	3	-	767	585	107	75	-	44	64
Draftsmen and surveyors	447	441	-	-	447	338	76	33	-	31	29
Electrical and electronic engineering technicians	133	133	-	-	133	123	-	10	-	4	6
Technicians, except health, and engineering and science	269	265	4	-	269	219	27	23	-	6	19
Airplane pilots	72	72	-	-	72	57	15	-	-	6	-
Writers, artists, and entertainers	717	717	-	7	703	510	124	69	16	32	97
Other professional, technical, and kindred workers	1 223	1 191	21	35	1 212	919	209	84	22	59	73
Managers and administrators, except farm	**8 560**	**8 478**	**13**	**77**	**8 507**	**7 500**	**775**	**232**	**227**	**594**	**463**
Buyers, purchasing agents, and sales managers	1 144	1 133	-	-	1 144	1 061	74	9	16	51	50
School administrators	224	224	-	-	224	148	71	5	15	10	17
Specified managers and administrators, public administration	442	437	5	11	436	413	17	6	38	46	37
Other specified managers and administrators	1 609	1 592	8	19	1 587	1 386	162	39	61	110	154
Managers and administrators, n.e.c., salaried	3 928	3 908	-	31	3 903	3 505	258	140	53	238	131
Manufacturing	584	584	-	-	584	573	5	6	9	14	-
Wholesale and retail trade	1 647	1 633	-	10	1 642	1 501	90	51	13	86	55
Transportation, communications, and other public utilities	350	350	-	8	350	298	31	21	9	46	10
All other industries	1 347	1 341	-	13	1 327	1 133	132	62	22	92	66
Managers and administrators, n.e.c., self-employed	1 213	1 184	-	16	1 213	987	193	33	44	139	74
Construction	267	267	-	7	267	176	86	5	-	43	19
Manufacturing	85	85	-	-	85	64	11	10	-	23	8
Wholesale and retail trade	582	562	-	9	582	514	55	13	22	27	32
All other industries	279	270	-	-	279	233	41	5	22	46	15
Sales workers	**6 313**	**6 275**	**22**	**110**	**6 254**	**4 919**	**864**	**471**	**144**	**312**	**465**
Insurance agents, brokers, and underwriters	681	678	-	8	681	591	48	42	12	10	26
Real estate agents and brokers	476	476	-	-	476	350	100	26	21	24	24
Sales representatives, manufacturing industries	484	484	-	6	484	418	58	8	9	31	15
Sales representatives, wholesale trade	1 566	1 557	5	35	1 563	1 411	110	42	19	82	53
Sales clerks, retail trade	1 299	1 281	13	40	1 287	860	244	183	31	64	161
Salesmen, retail trade	654	654	-	-	646	480	123	43	14	29	38
Salesmen of services and construction	387	383	4	6	382	280	76	26	10	25	26
Other sales workers	766	762	-	15	735	529	105	101	28	47	122
Clerical and kindred workers	**4 725**	**4 632**	**46**	**13**	**4 643**	**3 670**	**638**	**335**	**142**	**327**	**612**
Bank tellers and cashiers	322	322	-	-	322	175	76	71	5	11	75
Bookkeepers and billing clerks	265	265	-	13	254	218	32	4	24	27	56
Mail handlers and postal clerks	951	930	-	-	945	814	107	24	25	36	91
Other clerical and kindred workers	3 187	3 115	46	-	3 122	2 463	423	236	88	253	390
Craftsmen and kindred workers	**13 453**	**13 259**	**88**	**101**	**13 349**	**9 740**	**2 729**	**880**	**601**	**1 398**	**1 528**
Apparel craftsmen and upholsterers	137	132	5	8	137	109	17	11	6	5	5
Bakers	147	147	-	-	147	109	17	21	6	5	17
Cabinetmakers	121	116	-	-	121	76	40	5	-	14	43
Construction craftsmen	3 590	3 513	20	49	3 560	1 921	1 294	345	209	462	524
Carpenters	1 123	1 099	8	10	1 106	511	461	134	77	199	203
Excavating, grading, and road machine operators	428	419	-	-	420	181	182	57	28	58	67
Electricians	597	581	-	13	597	480	84	33	20	60	44
Masons and tile setters	203	199	4	-	203	119	77	7	10	-	14
Painters, construction and maintenance, and paperhangers	459	445	8	7	459	209	169	81	22	80	118
Plasterers and cement finishers	94	94	-	-	94	28	56	10	11	5	12
Plumbers and pipe fitters	423	413	-	13	423	286	125	12	36	45	21
Other construction craftsmen	263	263	-	6	258	107	140	11	5	15	45
Foremen, n.e.c.	1 587	1 576	6	-	1 577	1 374	183	20	48	106	76
Manufacturing	705	700	-	-	705	643	57	5	16	30	23
Nonmanufacturing industries	882	876	6	-	872	731	126	15	32	76	53
Linemen and servicemen, telephone and power	568	560	8	-	568	488	59	21	15	72	47
Locomotive engineers and firemen	325	325	-	-	325	300	25	-	10	28	15
Mechanics and repairmen	3 419	3 376	14	13	3 387	2 689	518	180	110	241	210
Air conditioning, heating, and refrigeration	143	143	-	-	143	122	15	6	-	11	40
Aircraft	188	184	4	-	188	136	45	7	-	6	4
Automobile, including body	1 334	1 315	10	-	1 310	1 034	213	63	25	89	65
Radio and television	247	247	-	-	247	203	39	5	3	5	16
Other mechanics and repairmen	1 507	1 487	-	13	1 499	1 194	206	99	82	130	85
Metal craftsmen, except mechanics	911	911	-	7	911	702	147	62	58	71	45
Machinists and job and die setters	374	374	-	-	374	301	57	16	31	27	17
Sheetmetal workers and tinsmiths	248	248	-	7	248	184	54	10	6	-	4
Tool and die makers	51	51	-	-	51	38	6	7	7	5	-
Other metal craftsmen	238	238	-	-	238	179	30	29	14	39	24
Printing craftsmen	294	294	-	10	288	225	47	16	24	25	56
Compositors and typesetters	140	140	-	-	134	87	36	11	24	20	34
Pressmen and plate printers, printing	98	98	-	-	98	88	5	5	-	5	10
Stationary engineers and power station operators	196	196	-	-	196	159	20	17	23	42	36
Other craftsmen and kindred workers	2 158	2 113	35	14	2 132	1 588	362	182	92	327	454

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
SPOKANE SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	6 423	6 333	38	44	6 326	4 244	1 408	674	212	561	788
Assemblers	291	291	–	–	286	204	44	38	4	9	22
Checkers, examiners, and inspectors, manufacturing	78	78	–	–	78	67	11	–	5	10	20
Garage workers and gas station attendants	699	695	–	8	671	308	194	169	–	11	144
Laundry and drycleaning operatives, n.e.c	127	119	3	–	122	82	21	19	7	9	20
Meat cutters and butchers	387	387	–	5	387	314	57	16	30	19	24
Mine operatives, n.e.c	52	52	–	–	52	35	17	–	12	17	29
Packers and wrappers, except produce	197	191	–	–	191	132	25	34	14	11	47
Painters, manufactured articles	114	107	–	7	114	83	11	20	–	19	–
Precision machine operatives	117	117	–	–	117	86	28	3	–	15	5
Sawyers	222	217	–	–	222	103	98	21	6	50	26
Stationary firemen	124	124	–	–	124	111	9	4	–	36	6
Textile operatives	4	4	–	–	4	–	4	–	–	5	–
Welders and flamecutters	680	675	5	7	663	461	164	38	26	47	60
Other metalworking operatives	347	336	11	–	342	269	38	35	15	29	36
Other specified operatives	1 054	1 048	6	–	1 042	663	271	108	51	50	100
Miscellaneous and not specified operatives	1 930	1 892	33	17	1 911	1 326	416	169	42	224	249
Occupation:											
Machine operatives, miscellaneous specified	926	916	5	17	916	652	206	58	17	124	92
Machine operatives, not specified	263	263	–	–	258	188	55	15	–	33	21
Miscellaneous operatives	486	465	21	–	482	338	82	62	21	43	131
Not specified operatives	255	248	7	–	255	148	73	34	4	24	5
Industry:											
Manufacturing	1 348	1 322	21	6	1 334	983	291	60	16	158	148
Durable goods	998	978	15	6	988	754	194	40	10	121	90
Wood products, including furniture	93	93	–	–	93	69	20	4	–	27	–
Primary metal industries	572	552	15	6	565	471	79	15	5	53	32
Fabricated metal industries	56	56	–	–	56	30	21	5	–	4	8
Machinery, including electrical	138	138	–	–	138	87	46	5	–	13	15
Motor vehicles and equipment	14	14	–	–	14	14	–	–	–	–	5
Transportation equipment, except motor vehicles	50	50	–	–	47	33	14	–	–	–	5
Other durable goods	75	75	–	–	75	50	14	11	5	24	25
Nondurable goods	333	333	–	–	329	229	80	20	6	37	58
Food and kindred products	139	139	–	–	139	97	38	4	6	28	23
Apparel and other fabricated textile products	5	5	–	–	5	–	5	–	–	–	–
Paper and allied products	134	134	–	–	134	100	23	11	–	9	14
Chemicals and allied products	8	8	–	–	8	5	3	–	–	–	6
Other nondurable goods	47	47	–	–	43	27	11	5	–	–	15
Not specified manufacturing industries	17	11	6	–	17	–	17	–	–	–	–
Nonmanufacturing industries	582	570	12	11	577	343	125	109	26	66	101
Transportation, communications, and other public utilities	146	146	–	–	146	123	15	8	6	22	28
Wholesale and retail trade	219	211	8	–	219	111	66	42	14	22	33
All other industries	217	213	4	11	212	109	44	59	6	22	40
Transport equipment operatives	4 525	4 466	29	72	4 479	3 138	990	351	121	248	532
Bus drivers	239	229	–	5	239	186	42	11	4	32	9
Taxicab drivers and chauffeurs	134	134	–	–	134	78	52	4	5	–	23
Truck drivers and deliverymen	3 175	3 136	29	63	3 129	2 200	663	266	102	155	360
Other transport equipment operatives	977	967	–	4	977	674	233	70	10	61	140
Laborers, except farm	4 374	4 191	70	60	4 176	2 111	1 112	953	267	592	1 406
Construction laborers	734	688	40	14	683	244	288	151	73	111	266
Freight, stock, and material handlers	1 807	1 732	14	13	1 744	1 046	343	355	100	186	424
Other specified laborers	936	897	16	14	900	408	230	262	47	151	487
Miscellaneous and not specified laborers	897	874	–	19	849	413	251	185	47	144	229
Occupation:											
Miscellaneous laborers	285	275	–	8	279	193	42	44	15	69	72
Not specified laborers	612	599	–	11	570	220	209	141	32	75	157
Industry:											
Manufacturing	333	333	–	–	307	179	91	37	22	37	60
Durable goods	279	279	–	–	267	156	82	29	8	32	34
Wood products, including furniture	67	67	–	–	67	29	20	18	5	12	21
Metal industries	155	155	–	–	155	119	30	6	–	14	5
Machinery, including electrical	5	5	–	–	5	–	5	–	–	–	8
Transportation equipment	22	22	–	–	22	–	17	5	3	–	–
Other durable goods	30	30	–	–	18	8	10	–	–	6	–
Nondurable goods	50	50	–	–	36	23	9	4	14	5	26
Food and kindred products	23	23	–	–	14	6	4	4	14	5	14
Not specified manufacturing industries	4	4	–	–	4	–	–	4	–	–	–
Nonmanufacturing industries	564	541	–	19	542	234	160	148	25	107	169
Railroads and railway express service	156	146	–	–	156	100	17	39	5	53	35
Transportation, except railroads	11	11	–	–	11	–	11	–	–	6	–
Communications, and utilities and sanitary services	37	37	–	–	37	25	12	–	4	11	–
Wholesale and retail trade	161	153	–	8	154	36	67	51	12	22	38
All other industries	199	194	–	11	184	73	53	58	4	15	96
Farmers and farm managers	1 096	1 090	–	–	1 086	901	133	52	84	191	186
Farm laborers and farm foremen	824	807	6	7	819	342	149	328	102	188	841
Paid farm laborers and farm foremen	803	786	6	7	798	331	144	323	97	164	820
Unpaid family workers	21	21	–	–	21	11	5	5	5	16	21
Service workers, except private household[1]	6 240	5 998	116	82	5 998	3 608	1 135	1 235	291	654	1 255
Cleaning service workers	2 374	2 279	43	38	2 282	1 344	451	487	128	225	586
Food service workers	1 588	1 517	33	38	1 487	591	412	484	61	139	296
Cooks, except private household	450	426	6	7	431	204	109	118	22	59	44
Busboys and dishwashers	531	509	7	15	486	79	179	228	–	30	152
Health service workers	360	350	10	6	355	258	49	48	11	12	24
Personal service workers	573	541	21	–	540	324	102	114	44	119	165
Protective service workers	1 021	1 005	4	–	1 015	892	73	50	40	123	67
Firemen, fire protection	397	390	–	–	391	376	15	–	3	30	15
Guards and watchmen	227	227	–	–	227	167	25	35	24	60	20
Policemen and detectives	357	348	4	–	357	319	23	15	7	28	32
Private household workers	22	22	–	–	15	–	4	11	5	–	26
Unemployed persons, last worked 1959 or earlier[2]	25	25	–	7	...	...	...	...	...	...	...

[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
SPOKANE SMSA—Continued											
Female, 16 years old and over	**41 246**	**40 336**	**465**	**383**	**38 372**	**20 182**	**9 824**	**8 366**	**4 350**	**10 836**	**13 493**
Professional, technical, and kindred workers	**6 987**	**6 851**	**91**	**42**	**6 703**	**3 424**	**2 140**	**1 139**	**451**	**1 268**	**1 370**
Accountants	372	366	–	–	363	264	64	35	9	50	25
Computer specialists	26	26	–	–	26	11	10	5	–	–	6
Librarians	149	149	–	–	149	43	73	33	17	27	24
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	35	35	–	–	35	5	15	15	5	10	–
Registered nurses, dietitians, and therapists	1 707	1 692	11	7	1 657	1 142	286	229	102	332	186
Dietitians	43	43	–	–	39	39	–	–	11	11	8
Registered nurses	1 585	1 570	11	7	1 539	1 066	263	210	86	313	162
Health technologists and technicians	349	325	12	–	349	242	81	26	14	50	56
Social scientists	20	20	–	–	20	9	11	–	–	4	20
Social and recreation workers	257	241	13	–	248	201	36	11	9	40	118
Teachers: College and university	323	318	5	6	306	71	137	98	9	5	37
Elementary and prekindergarten	1 714	1 678	23	22	1 604	566	774	264	161	389	349
Secondary	534	522	12	–	525	214	214	97	66	108	106
Other teachers	308	308	–	–	292	83	159	50	4	31	71
Engineering and science technicians	59	59	–	–	53	42	9	2	10	9	11
Technicians, except health, and engineering and science	6	6	–	–	6	6	–	–	6	3	10
Writers, artists, and entertainers	287	287	–	–	281	102	70	109	11	53	135
Actors and dancers	4	4	–	–	4	–	4	–	–	5	5
Authors, editors, and reporters	31	31	–	–	31	4	6	21	–	–	22
Other professional, technical, and kindred workers	841	819	15	7	789	423	201	165	28	157	216
Managers and administrators, except farm	**1 721**	**1 707**	**5**	**–**	**1 658**	**1 327**	**173**	**158**	**184**	**380**	**422**
Buyers, purchasing agents, and sales managers	240	236	–	–	240	209	12	19	21	34	46
Restaurant, cafeteria, and bar managers	157	157	–	–	157	101	41	15	43	48	22
School administrators	54	54	–	–	54	48	–	6	–	30	13
Other specified managers and administrators	467	462	–	–	453	355	32	66	48	86	205
Managers and administrators, n.e.c., salaried	631	626	5	–	591	487	69	35	50	120	104
Wholesale and retail trade	241	236	5	–	231	208	14	9	11	46	58
Managers and administrators, n.e.c., self-employed	172	172	–	–	163	127	19	17	22	62	32
Wholesale and retail trade	84	84	–	–	79	68	5	6	–	24	–
Sales workers	**3 354**	**3 323**	**14**	**33**	**3 076**	**1 377**	**817**	**882**	**559**	**1 290**	**1 585**
Demonstrators, hucksters, and peddlers	412	412	–	–	318	81	97	140	64	147	343
Insurance, real estate agents, and brokers	173	173	–	–	168	92	45	31	15	46	33
Sales clerks, retail trade	2 145	2 114	14	27	2 036	933	513	590	409	914	950
Salesmen, retail trade	83	83	–	–	71	33	33	5	7	16	31
Other sales workers	541	541	–	6	483	238	129	116	64	167	228
Clerical and kindred workers	**14 258**	**14 021**	**114**	**142**	**13 412**	**8 183**	**2 854**	**2 375**	**1 491**	**3 300**	**4 074**
Bank tellers	419	419	–	–	405	287	59	59	38	102	90
Bookkeepers	2 112	2 087	10	26	1 978	1 311	359	308	178	359	392
Cashiers	1 147	1 129	14	–	1 086	564	285	237	128	394	453
Counter clerks, except food	217	217	–	–	210	118	55	37	29	42	67
Enumerators and interviewers	124	124	–	–	43	–	5	38	6	55	45
File clerks	261	261	–	–	236	137	48	51	19	77	112
Office machine operators	514	507	7	–	480	302	131	47	53	86	129
Bookkeeping and billing machine operators	80	73	7	–	80	53	21	6	10	21	26
Keypunch operators	241	241	–	–	231	125	75	31	23	45	61
Payroll and timekeeping clerks	44	44	–	–	44	39	5	–	15	7	20
Receptionists	585	575	–	12	554	286	139	129	51	145	230
Secretaries	3 667	3 625	6	47	3 504	2 352	701	451	331	663	863
Stenographers	266	262	4	8	247	177	55	15	38	72	21
Telephone operators	514	498	16	–	499	283	130	86	72	179	130
Typists	834	809	6	6	769	345	220	204	130	193	308
Other clerical and kindred workers	3 554	3 464	51	43	3 357	1 982	662	713	403	926	1 214
Craftsmen and kindred workers	**587**	**574**	**9**	**10**	**574**	**334**	**134**	**106**	**64**	**115**	**231**
Foremen, n.e.c.	116	116	–	–	116	90	22	4	9	15	18
Operatives, except transport	**2 124**	**2 003**	**41**	**31**	**1 971**	**927**	**571**	**473**	**316**	**863**	**911**
Assemblers	173	173	–	–	173	68	61	44	15	86	91
Bottling and canning operatives	5	5	–	–	5	5	–	–	–	4	5
Checkers, examiners, and inspectors; manufacturing	43	43	–	–	43	9	13	21	11	22	47
Dressmakers and seamstresses, except factory	212	186	–	–	207	106	72	29	16	44	53
Laundry and drycleaning operatives, including ironers	423	379	16	7	402	237	101	64	63	122	75
Graders and sorters, manufacturing	14	14	–	–	14	6	–	8	4	17	–
Packers and wrappers, except produce	344	334	–	7	322	129	125	68	62	169	119
Sewers and stitchers	185	185	–	–	156	74	49	33	32	102	106
Textile operatives	–	–	–	–	–	–	–	–	–	4	6
Other specified operatives	424	392	25	–	377	177	83	117	43	134	249
Miscellaneous and not specified operatives	301	292	–	17	272	116	67	89	70	159	160
Manufacturing	161	152	–	17	143	62	36	45	31	87	115
Durable goods	61	56	–	17	47	27	5	15	8	41	27
Machinery, including electrical	18	13	–	–	9	9	–	–	–	18	–
Other durable goods	43	43	–	17	38	18	5	15	8	23	27
Nondurable goods, including not specified manufacturing	100	96	–	–	96	35	31	30	23	46	88
Food and kindred products	45	45	–	–	45	19	6	20	16	30	63
Apparel and other fabricated textile products	6	6	–	–	6	–	6	–	7	–	5
Nonmanufacturing industries	140	140	–	–	129	54	31	44	39	72	45
Transport equipment operatives	**135**	**135**	**–**	**–**	**127**	**64**	**29**	**34**	**16**	**25**	**88**
Laborers, except farm	**281**	**269**	**9**	**–**	**260**	**134**	**65**	**61**	**20**	**84**	**163**
Farmers and farm managers	**21**	**21**	**–**	**–**	**21**	**16**	**5**	**–**	**9**	**10**	**28**
Farm laborers and farm foremen	**191**	**191**	**–**	**–**	**140**	**44**	**34**	**62**	**23**	**61**	**209**
Paid farm laborers and farm foremen	172	172	–	–	121	34	34	53	23	56	190
Unpaid family workers	19	19	–	–	19	10	–	9	–	5	19
Service workers, except private household[1]	**9 668**	**9 439**	**99**	**120**	**8 861**	**3 931**	**2 514**	**2 416**	**1 057**	**2 989**	**3 530**
Cleaning service workers	1 082	1 045	11	19	968	409	202	357	104	345	370
Chambermaids and maids	349	339	5	–	311	111	47	153	54	143	144
Food service workers	3 982	3 920	26	46	3 604	1 322	1 166	1 116	571	1 418	1 787
Cooks, except private household	986	978	3	6	941	370	388	183	140	381	351
Waiters and food counter workers	2 304	2 258	20	33	2 053	664	621	768	335	834	1 163
Health service workers	2 520	2 441	40	28	2 381	1 296	580	505	219	637	659
Nursing aides, orderlies, and attendants	1 544	1 487	22	28	1 452	766	359	327	134	447	438
Practical nurses	465	452	13	–	448	280	105	63	38	91	89
Personal service workers	1 354	1 316	19	22	1 292	602	393	297	117	435	431
Hairdressers and cosmetologists	637	617	5	22	610	332	166	112	40	176	125
Private household workers	**1 838**	**1 732**	**83**	**5**	**1 569**	**421**	**488**	**660**	**160**	**451**	**882**
Private household workers, living in	75	75	–	–	65	28	4	33	–	–	6
Private household workers, living out	1 763	1 657	83	5	1 504	393	484	627	160	451	876
Unemployed persons, last worked 1959 or earlier[2]	**81**	**70**	**–**	**–**	...	...	...	...	...	...	...

[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
TACOMA SMSA											
Male, 16 years old and over	**84 768**	**81 091**	**2 354**	**1 063**	**83 592**	**57 423**	**19 213**	**6 956**	**2 215**	**5 777**	**9 737**
Professional, technical, and kindred workers	**10 731**	**10 407**	**200**	**112**	**10 667**	**7 587**	**2 441**	**639**	**128**	**322**	**683**
Accountants	777	768	–	13	777	635	94	48	25	31	29
Architects	98	95	3	4	98	65	20	13	5	–	–
Computer specialists	292	283	4	–	292	263	19	10	–	–	–
Engineers	1 345	1 307	–	20	1 345	1 205	113	27	40	40	21
Aeronautical and astronautical	111	111	–	–	111	100	6	5	–	5	–
Civil	320	314	–	6	320	274	29	17	15	9	3
Electrical and electronic	217	214	–	–	217	212	5	–	11	–	4
Mechanical	243	219	–	–	243	196	47	–	4	8	4
Other engineers	454	449	–	14	454	423	26	5	10	18	10
Lawyers and judges	396	396	–	–	391	326	59	6	–	9	6
Life and physical scientists	169	163	–	–	169	151	3	15	5	26	21
Chemists	75	69	–	–	75	61	3	11	–	11	11
Physicians, dentists, and related practitioners	868	854	5	–	868	602	253	13	11	20	51
Dentists	152	152	–	–	152	72	80	–	5	5	10
Pharmacists	171	162	5	–	171	132	26	13	6	15	17
Physicians, medical and osteopathic	430	430	–	–	430	304	126	–	–	–	24
Other related practitioners	115	110	–	–	115	94	21	–	–	–	–
Health technologists and technicians	85	76	9	7	85	75	10	–	–	25	11
Religious workers	357	349	4	–	357	260	68	29	–	11	18
Social scientists	119	115	4	–	119	99	13	7	–	–	–
Social and recreation workers	368	316	52	–	368	271	59	38	–	6	68
Teachers	2 296	2 256	23	13	2 283	1 041	1 101	141	18	21	102
College and university	349	344	5	7	349	167	156	26	–	5	30
Elementary and prekindergarten	617	597	13	–	608	262	308	38	14	11	22
Secondary	1 188	1 178	5	–	1 184	511	606	67	4	5	38
Engineering and science technicians	989	969	11	7	983	768	162	53	–	36	86
Draftsmen and surveyors	468	463	–	7	462	338	103	21	–	8	43
Electrical and electronic engineering technicians	194	190	–	–	194	169	25	–	–	17	12
Technicians, except health, and engineering and science	353	336	5	–	353	273	54	26	5	–	21
Airplane pilots	119	111	–	–	119	92	19	8	5	–	9
Writers, artists, and entertainers	620	596	20	12	611	421	109	81	9	38	99
Other professional, technical, and kindred workers	1 599	1 528	60	36	1 568	1 132	304	132	10	59	150
Managers and administrators, except farm	**9 500**	**9 357**	**101**	**55**	**9 465**	**7 932**	**1 266**	**267**	**217**	**473**	**471**
Buyers, purchasing agents, and sales managers	1 253	1 234	9	13	1 243	1 136	91	16	11	44	41
School administrators	339	333	6	–	339	214	125	–	–	5	11
Specified managers and administrators, public administration	652	652	–	–	647	602	39	6	14	21	33
Other specified managers and administrators	2 046	2 005	35	20	2 032	1 548	352	132	63	89	150
Managers and administrators, n.e.c., salaried	3 873	3 821	31	17	3 873	3 418	395	60	88	196	141
Manufacturing	941	936	–	–	941	873	62	6	25	45	44
Wholesale and retail trade	1 197	1 192	–	–	1 197	1 086	91	20	15	37	47
Transportation, communications, and other public utilities	347	347	–	–	347	316	21	10	28	31	5
All other industries	1 388	1 346	31	17	1 388	1 143	221	24	20	83	45
Managers and administrators, n.e.c., self-employed	1 337	1 312	20	5	1 331	1 014	264	53	41	118	95
Construction	327	323	4	–	327	155	156	16	9	35	28
Manufacturing	97	97	–	–	91	73	14	4	–	5	5
Wholesale and retail trade	699	689	5	–	699	585	89	25	11	61	43
All other industries	214	203	11	5	214	201	5	8	21	17	19
Sales workers	**5 938**	**5 828**	**69**	**89**	**5 858**	**4 208**	**1 265**	**385**	**75**	**275**	**527**
Insurance agents, brokers, and underwriters	604	571	18	20	604	461	112	31	5	16	33
Real estate agents and brokers	651	651	–	4	641	464	153	24	4	45	28
Sales representatives, manufacturing industries	381	381	–	6	374	342	32	–	15	8	38
Sales representatives, wholesale trade	1 006	995	11	–	999	857	132	10	–	38	56
Sales clerks, retail trade	1 377	1 354	13	25	1 361	856	305	200	11	58	146
Salesmen, retail trade	891	878	13	10	879	613	220	46	17	44	63
Salesmen of services and construction	297	297	–	24	297	172	111	14	–	20	36
Other sales workers	731	701	14	–	703	443	200	60	23	46	127
Clerical and kindred workers	**5 839**	**5 502**	**238**	**65**	**5 774**	**4 476**	**915**	**383**	**117**	**383**	**549**
Bank tellers and cashiers	305	292	7	–	300	200	79	21	5	20	55
Bookkeepers and billing clerks	251	248	3	–	251	210	33	8	14	23	28
Mail handlers and postal clerks	915	878	26	–	910	758	91	61	17	59	80
Other clerical and kindred workers	4 368	4 084	202	65	4 313	3 308	712	293	81	281	386
Craftsmen and kindred workers	**20 951**	**20 193**	**517**	**231**	**20 751**	**14 605**	**5 230**	**916**	**680**	**1 602**	**1 587**
Apparel craftsmen and upholsterers	163	163	–	–	158	90	42	26	15	9	13
Bakers	114	111	3	–	114	104	10	–	10	15	5
Cabinetmakers	247	238	–	19	247	162	85	–	4	41	13
Construction craftsmen	6 300	6 138	100	55	6 262	3 444	2 393	425	198	506	429
Carpenters	2 349	2 295	38	14	2 328	1 132	1 034	162	88	169	168
Excavating, grading, and road machine operators	713	704	–	5	713	370	311	32	13	67	60
Electricians	1 041	1 012	25	29	1 041	726	273	42	25	96	38
Masons and tile setters	219	215	4	–	216	89	109	18	–	17	27
Painters, construction and maintenance, and paperhangers	727	700	11	–	722	338	272	112	26	76	80
Plasterers and cement finishers	162	139	17	–	158	72	82	4	9	17	11
Plumbers and pipe fitters	683	683	–	7	678	532	140	6	24	49	19
Other construction craftsmen	406	390	5	–	406	185	172	49	13	15	26
Foremen, n.e.c	1 841	1 791	40	22	1 836	1 586	238	12	67	157	70
Manufacturing	860	838	12	7	855	758	90	7	19	55	21
Nonmanufacturing industries	981	953	28	15	981	828	148	5	48	102	49
Linemen and servicemen, telephone and power	872	842	25	18	872	740	121	11	5	26	27
Locomotive engineers and firemen	121	121	–	–	121	94	22	5	6	28	6
Mechanics and repairmen	5 081	4 866	133	47	5 050	3 826	1 030	194	109	197	218
Air conditioning, heating, and refrigeration	151	145	6	11	151	118	28	5	–	–	10
Aircraft	745	716	19	13	740	656	74	10	–	20	16
Automobile, including body	2 073	1 981	42	–	2 073	1 381	581	111	49	56	99
Radio and television	293	278	9	–	288	226	37	25	–	12	15
Other mechanics and repairmen	1 819	1 746	57	23	1 798	1 445	310	43	60	109	78
Metal craftsmen, except mechanics	2 266	2 207	39	35	2 236	1 751	435	50	64	157	112
Machinists and job and die setters	986	962	15	22	966	766	184	16	39	66	39
Sheetmetal workers and tinsmiths	428	418	10	6	423	311	102	10	12	13	28
Tool and die makers	181	176	5	–	176	157	19	–	–	10	29
Other metal craftsmen	671	651	9	7	671	517	130	24	13	68	16
Printing craftsmen	420	410	6	–	420	357	58	5	4	21	5
Compositors and typesetters	120	120	–	–	120	113	7	–	–	11	5
Pressmen and plate printers, printing	255	245	6	–	255	199	51	5	4	5	–
Stationary engineers and power station operators	325	325	–	–	320	284	32	4	29	47	31
Other craftsmen and kindred workers	3 201	2 981	171	35	3 115	2 167	764	184	169	398	658

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
TACOMA SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	**9 881**	**9 279**	**435**	**214**	**9 733**	**6 349**	**2 417**	**967**	**310**	**721**	**1 283**
Assemblers	375	342	33	21	375	274	86	15	5	36	40
Checkers, examiners, and inspectors, manufacturing	325	318	–	–	325	300	21	4	–	8	35
Garage workers and gas station attendants	893	870	19	15	852	293	283	276	15	26	192
Laundry and drycleaning operatives, n.e.c	110	98	7	13	102	54	39	9	–	10	26
Meat cutters and butchers	553	542	6	7	553	425	107	21	15	24	25
Mine operatives, n.e.c	37	32	5	–	37	21	16	–	–	17	6
Packers and wrappers, except produce	225	213	12	7	214	107	59	48	9	26	47
Painters, manufactured articles	156	141	–	7	156	122	19	15	4	15	8
Precision machine operatives	248	234	14	–	248	164	64	20	24	34	33
Sawyers	303	298	–	–	299	181	99	19	5	44	42
Stationary firemen	287	271	–	7	287	260	17	10	28	22	14
Textile operatives	5	–	5	–	5	5	–	–	–	–	9
Welders and flamecutters	829	803	23	19	798	548	201	49	19	29	52
Other metalworking operatives	509	441	57	14	503	371	103	29	23	58	28
Other specified operatives	1 860	1 685	122	41	1 835	1 059	539	237	70	158	341
Miscellaneous and not specified operatives	3 166	2 991	132	63	3 144	2 165	764	215	93	214	385
Occupation:											
Machine operatives, miscellaneous specified	1 423	1 350	54	28	1 416	990	330	96	31	65	154
Machine operatives, not specified	439	403	30	11	439	281	135	23	11	21	33
Miscellaneous operatives	971	919	39	16	956	643	232	81	45	84	162
Not specified operatives	333	319	9	8	333	251	67	15	6	44	36
Industry:											
Manufacturing	2 632	2 484	105	63	2 614	1 814	643	157	72	154	268
Durable goods	1 712	1 606	79	63	1 708	1 132	456	120	41	116	138
Wood products, including furniture	750	716	28	18	750	407	264	79	29	61	65
Primary metal industries	323	307	16	18	323	242	63	18	12	14	16
Fabricated metal industries	46	46	–	–	46	20	20	6	–	10	6
Machinery, including electrical	71	71	–	–	71	52	16	3	–	6	21
Motor vehicles and equipment	28	28	–	–	28	12	16	–	–	4	–
Transportation equipment, except motor vehicles	381	325	35	27	377	324	48	5	–	–	25
Other durable goods	113	113	–	–	113	75	29	9	–	21	5
Nondurable goods	920	878	26	–	906	682	187	37	31	38	130
Food and kindred products	250	227	18	–	250	190	49	11	15	6	61
Apparel and other fabricated textile products	10	10	–	–	10	4	–	6	–	6	–
Paper and allied products	376	362	8	–	369	293	67	9	–	26	52
Chemicals and allied products	163	158	–	–	156	119	32	5	11	–	6
Other nondurable goods	121	121	–	–	121	76	39	6	5	–	11
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	534	507	27	–	530	351	121	58	21	60	117
Transportation, communications, and other public utilities	120	115	5	–	120	94	16	10	4	17	12
Wholesale and retail trade	203	191	12	–	203	116	55	32	17	28	28
All other industries	211	201	10	–	207	141	50	16	–	15	77
Transport equipment operatives	**5 354**	**5 107**	**142**	**89**	**5 327**	**3 678**	**1 219**	**430**	**130**	**348**	**436**
Bus drivers	367	341	16	15	361	206	120	35	11	10	13
Taxicab drivers and chauffeurs	216	194	16	14	211	125	76	10	–	50	27
Truck drivers and deliverymen	3 435	3 362	32	48	3 419	2 369	785	265	82	212	291
Other transport equipment operatives	1 336	1 210	78	12	1 336	978	238	120	37	76	105
Laborers, except farm	**7 781**	**7 364**	**261**	**78**	**7 532**	**3 569**	**2 401**	**1 562**	**221**	**637**	**1 944**
Construction laborers	1 292	1 230	29	–	1 242	457	558	227	16	110	262
Freight, stock, and material handlers	3 288	3 144	93	27	3 197	1 707	915	575	96	195	596
Other specified laborers	2 078	1 907	99	8	1 990	880	630	480	69	197	730
Miscellaneous and not specified laborers	1 123	1 083	40	43	1 103	525	298	280	40	135	356
Occupation:											
Miscellaneous laborers	435	399	36	10	420	237	115	68	9	39	76
Not specified laborers	688	684	4	33	683	288	183	212	31	96	280
Industry:											
Manufacturing	526	506	20	37	511	260	126	125	25	43	173
Durable goods	361	345	16	29	356	186	92	78	14	33	136
Wood products, including furniture	108	108	–	5	103	78	10	15	10	18	58
Metal industries	171	155	16	17	171	79	54	38	4	5	26
Machinery, including electrical	11	11	–	–	11	6	5	–	–	–	–
Transportation equipment	41	41	–	7	41	13	14	14	–	10	19
Other durable goods	30	30	–	–	30	10	9	11	–	–	33
Nondurable goods	165	161	4	8	155	74	34	47	11	10	37
Food and kindred products	69	69	–	8	69	37	13	19	6	4	20
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	597	577	20	6	592	265	172	155	15	92	183
Railroads and railway express service	136	120	16	6	136	66	42	28	–	19	30
Transportation, except railroads	25	25	–	–	25	7	6	12	–	21	9
Communications, and utilities and sanitary services	70	66	4	–	70	49	4	17	–	4	5
Wholesale and retail trade	136	136	–	–	136	50	47	39	5	–	61
All other industries	230	230	–	–	225	93	73	59	10	48	78
Farmers and farm managers	**623**	**589**	**6**	**–**	**612**	**426**	**122**	**64**	**65**	**114**	**147**
Farm laborers and farm foremen	**748**	**679**	**14**	**14**	**708**	**270**	**263**	**175**	**28**	**162**	**528**
Paid farm laborers and farm foremen	718	655	14	14	678	253	250	175	28	162	509
Unpaid family workers	30	24	–	–	30	17	13	–	–	–	19
Service workers, except private household[1]	**7 344**	**6 723**	**365**	**116**	**7 125**	**4 311**	**1 665**	**1 149**	**244**	**715**	**1 556**
Cleaning service workers	2 341	2 133	149	39	2 280	1 327	566	387	118	288	487
Food service workers	1 681	1 482	64	29	1 610	577	525	508	34	165	555
Cooks, except private household	667	564	33	16	660	312	223	125	18	75	131
Busboys and dishwashers	411	368	5	13	378	48	110	220	5	16	301
Health service workers	479	420	43	21	469	381	55	33	10	39	47
Personal service workers	702	644	38	14	688	430	178	80	13	73	166
Protective service workers	1 593	1 552	34	13	1 573	1 297	236	40	69	107	137
Firemen, fire protection	450	450	–	–	445	429	16	–	6	6	23
Guards and watchmen	509	487	15	6	498	360	114	24	30	71	77
Policemen and detectives	538	519	19	7	538	421	106	11	28	24	37
Private household workers	**47**	**38**	**–**	**–**	**40**	**12**	**9**	**19**	**–**	**25**	**26**
Unemployed persons, last worked 1959 or earlier[2]	**31**	**25**	**6**	**–**	...	...	...	...	...	...	...

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force: Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Year last worked of experienced workers not in labor force: 1960-63	1964-68	1969-70
TACOMA SMSA—Continued											
Female, 16 years old and over	**50 527**	**47 349**	**1 808**	**707**	**47 749**	**23 120**	**15 104**	**9 525**	**5 147**	**14 994**	**17 475**
Professional, technical, and kindred workers	**8 354**	**7 989**	**254**	**107**	**8 054**	**3 420**	**3 440**	**1 194**	**637**	**1 646**	**1 822**
Accountants	512	507	5	–	481	311	97	73	31	112	71
Computer specialists	47	47	–	–	47	33	10	4	–	–	5
Librarians	242	236	6	–	242	89	141	12	20	33	41
Mathematical specialists	26	26	–	–	26	26	–	–	–	4	5
Life and physical scientists	30	30	–	–	30	15	15	–	–	–	4
Registered nurses, dietitians, and therapists	1 569	1 502	40	21	1 529	883	405	241	117	363	369
Dietitians	36	32	–	–	29	13	5	11	–	5	10
Registered nurses	1 408	1 345	40	14	1 375	829	341	205	100	347	337
Health technologists and technicians	272	244	14	5	261	141	73	47	30	70	74
Social scientists	64	59	5	–	59	16	43	–	–	5	9
Social and recreation workers	376	354	16	–	359	207	121	31	40	51	124
Teachers: College and university	133	133	–	–	123	45	64	14	5	35	44
Elementary and prekindergarten	2 376	2 284	56	32	2 306	637	1 280	389	220	466	412
Secondary	833	790	43	–	827	234	480	113	41	179	178
Other teachers	224	219	5	–	219	70	120	29	21	47	44
Engineering and science technicians	106	102	4	–	106	50	36	20	14	22	56
Technicians, except health, and engineering and science	43	43	–	–	43	31	12	–	5	5	–
Writers, artists, and entertainers	385	365	14	27	358	132	127	99	21	57	107
Actors and dancers	20	20	–	–	20	10	5	5	–	3	4
Authors, editors, and reporters	41	41	–	–	41	27	9	5	11	19	19
Other professional, technical, and kindred workers	1 116	1 048	46	22	1 038	500	416	122	72	197	279
Managers and administrators, except farm	**1 936**	**1 856**	**41**	**22**	**1 913**	**1 421**	**352**	**140**	**131**	**427**	**350**
Buyers, purchasing agents, and sales managers	279	267	12	–	279	216	52	11	17	57	31
Restaurant, cafeteria, and bar managers	169	169	–	7	169	113	46	10	29	43	23
School administrators	96	96	–	–	96	48	42	6	–	33	12
Other specified managers and administrators	541	514	18	–	518	375	78	65	43	135	126
Managers and administrators, n.e.c., salaried	591	569	11	15	591	479	73	39	33	109	119
Wholesale and retail trade	218	207	11	7	218	187	15	16	19	40	23
Managers and administrators, n.e.c., self-employed	260	241	–	–	260	190	61	9	9	50	39
Wholesale and retail trade	146	146	–	–	146	109	37	–	4	29	29
Sales workers	**4 343**	**4 205**	**97**	**76**	**4 064**	**1 786**	**1 242**	**1 036**	**567**	**1 621**	**1 816**
Demonstrators, hucksters, and peddlers	407	401	6	–	319	86	90	143	49	104	166
Insurance, real estate agents, and brokers	428	428	–	20	422	216	136	70	29	72	44
Sales clerks, retail trade	2 712	2 606	75	49	2 617	1 192	754	671	383	1 120	1 213
Salesmen, retail trade	107	91	10	–	102	55	27	20	19	72	49
Other sales workers	689	679	6	7	604	237	235	132	87	253	344
Clerical and kindred workers	**17 792**	**17 091**	**439**	**218**	**17 044**	**9 854**	**4 362**	**2 828**	**1 820**	**5 044**	**5 385**
Bank tellers	546	537	–	14	494	322	101	71	39	86	109
Bookkeepers	2 405	2 372	–	27	2 365	1 548	523	294	208	532	609
Cashiers	1 344	1 298	37	12	1 274	592	379	303	122	530	593
Counter clerks, except food	221	212	4	–	210	96	68	46	27	87	64
Enumerators and interviewers	33	33	–	–	29	–	15	14	–	37	52
File clerks	498	466	17	7	479	210	153	116	44	131	147
Office machine operators	661	605	37	16	646	388	163	95	84	207	202
Bookkeeping and billing machine operators	94	94	–	–	94	35	38	21	26	36	27
Keypunch operators	395	346	34	16	385	245	94	46	42	126	128
Payroll and timekeeping clerks	153	153	–	–	153	84	60	9	27	66	41
Receptionists	791	768	19	26	748	316	256	176	57	246	319
Secretaries	3 868	3 727	85	52	3 754	2 202	1 046	506	385	1 058	1 054
Stenographers	296	296	–	–	290	207	44	39	28	74	69
Telephone operators	672	636	29	7	662	437	132	93	74	155	144
Typists	1 356	1 276	42	27	1 278	712	330	236	215	529	487
Other clerical and kindred workers	4 948	4 712	169	30	4 662	2 740	1 092	830	510	1 306	1 495
Craftsmen and kindred workers	**873**	**833**	**25**	**–**	**831**	**467**	**279**	**85**	**102**	**294**	**281**
Foremen, n.e.c	165	141	14	–	160	134	20	6	23	22	14
Operatives, except transport	**3 709**	**3 102**	**302**	**90**	**3 467**	**1 639**	**1 163**	**665**	**494**	**1 556**	**1 586**
Assemblers	176	166	5	–	162	69	65	28	22	106	129
Bottling and canning operatives	22	22	–	–	22	6	6	10	19	53	56
Checkers, examiners, and inspectors; manufacturing	86	74	–	–	73	28	32	13	4	39	101
Dressmakers and seamstresses, except factory	253	199	6	13	253	145	71	37	19	39	56
Laundry and drycleaning operatives, including ironers	568	361	150	36	541	329	142	70	50	200	148
Graders and sorters, manufacturing	23	14	–	–	19	–	11	8	27	55	41
Packers and wrappers, except produce	505	466	10	8	483	186	177	120	108	239	227
Sewers and stitchers	534	414	27	6	519	256	159	104	89	202	184
Textile operatives	6	6	–	–	6	6	–	–	7	6	16
Other specified operatives	747	651	65	14	652	291	267	94	85	288	319
Miscellaneous and not specified operatives	789	729	39	13	737	323	233	181	64	329	309
Manufacturing	555	511	23	13	527	254	164	109	54	237	223
Durable goods	256	238	13	13	237	126	78	33	28	102	80
Machinery, including electrical	16	16	–	–	16	8	4	4	8	14	8
Other durable goods	240	222	13	13	221	118	74	29	20	88	72
Nondurable goods, including not specified manufacturing	299	273	10	–	290	128	86	76	26	135	143
Food and kindred products	108	102	–	–	104	53	27	24	16	61	85
Apparel and other fabricated textile products	40	30	–	–	40	14	16	10	–	16	5
Nonmanufacturing industries	234	218	16	–	210	69	69	72	10	92	86
Transport equipment operatives	**179**	**179**	**–**	**–**	**172**	**23**	**94**	**55**	**6**	**37**	**30**
Laborers, except farm	**666**	**632**	**20**	**26**	**624**	**207**	**167**	**250**	**35**	**152**	**236**
Farmers and farm managers	**148**	**110**	**7**	**8**	**143**	**84**	**22**	**37**	**16**	**24**	**27**
Farm laborers and farm foremen	**434**	**350**	**–**	**–**	**378**	**63**	**86**	**229**	**36**	**242**	**596**
Paid farm laborers and farm foremen	396	321	–	–	340	42	82	216	25	222	547
Unpaid family workers	38	29	–	–	38	21	4	13	11	20	49
Service workers, except private household[1]	**10 447**	**9 508**	**543**	**125**	**9 750**	**3 860**	**3 437**	**2 453**	**1 165**	**3 520**	**4 689**
Cleaning service workers	956	817	74	14	913	391	249	273	156	367	462
Chambermaids and maids	221	188	9	–	214	75	55	84	33	72	134
Food service workers	4 537	4 238	154	55	4 198	1 204	1 732	1 262	604	1 783	2 190
Cooks, except private household	1 033	956	43	7	994	372	441	181	149	327	443
Waiters and food counter workers	2 483	2 325	68	35	2 243	551	865	827	335	1 164	1 348
Health service workers	2 098	1 868	182	22	2 006	1 057	629	320	214	707	927
Nursing aides, orderlies, and attendants	962	842	101	13	904	434	306	164	155	408	573
Practical nurses	657	553	81	–	648	412	179	57	37	176	168
Personal service workers	1 759	1 637	36	20	1 685	745	575	365	102	457	520
Hairdressers and cosmetologists	832	786	18	14	798	394	278	126	57	178	180
Private household workers	**1 477**	**1 344**	**67**	**28**	**1 309**	**294**	**460**	**553**	**138**	**431**	**657**
Private household workers, living in	62	54	–	–	62	26	11	25	–	–	–
Private household workers, living out	1 415	1 290	67	28	1 247	270	449	528	138	431	657
Unemployed persons, last worked 1959 or earlier[2]	**169**	**150**	**13**	**7**	...	...	...	...	...	...	...

[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	**783 307**	**567 448**	**135 477**	**44 543**	**38 473**	**52 461**	**78 889**	**1 493**
Professional, technical, and kindred workers	**128 446**	**69 396**	**46 333**	**9 913**	**19 226**	**17 194**	**12 657**	**60**
Accountants	8 018	5 590	1 559	605	580	374	859	10
Architects	1 498	728	280	158	88	34	490	-
Computer specialists	3 219	2 628	585	120	361	104	6	-
Engineers	28 469	22 445	5 605	2 564	1 704	1 337	419	-
Aeronautical and astronautical	5 634	5 558	66	51	11	4	10	-
Civil	4 968	2 034	2 825	892	1 223	710	109	-
Electrical and electronic	5 306	4 259	971	558	86	327	76	-
Mechanical	4 351	3 693	597	417	144	36	61	-
Other engineers	8 210	6 901	1 146	646	240	260	163	-
Lawyers and judges	3 816	927	698	198	295	205	2 191	-
Life and physical scientists	2 509	1 216	1 262	628	570	64	31	-
Chemists	958	731	221	110	107	4	6	-
Physicians, dentists, and related practitioners	9 068	2 791	810	312	430	68	5 467	-
Dentists	1 783	193	25	9	16	-	1 565	-
Pharmacists	1 680	1 246	36	17	15	4	398	-
Physicians, medical and osteopathic	4 452	1 129	705	259	382	64	2 618	-
Other related practitioners	1 153	223	44	27	17	-	886	-
Health technologists and technicians	1 357	778	528	158	242	128	51	-
Religious workers	3 667	3 259	34	8	21	5	374	-
Social scientists	1 326	678	590	133	194	263	58	-
Social and recreation workers	2 138	450	1 665	202	1 045	418	23	-
Teachers	23 595	3 608	19 603	273	8 050	11 280	384	-
College and university	7 380	1 326	6 054	97	5 706	251	-	-
Elementary and prekindergarten	5 157	594	4 563	72	829	3 662	-	-
Secondary	9 709	1 015	8 694	48	1 386	7 260	-	-
Engineering and science technicians	12 161	8 123	3 755	1 523	1 329	903	276	7
Draftsmen and surveyors	5 311	3 443	1 675	447	613	615	193	-
Electrical and electronic engineering technicians	2 667	1 775	874	626	182	66	18	-
Technicians, except health, and engineering and science	4 121	2 799	1 271	860	265	146	51	-
Airplane pilots	1 700	1 615	54	39	10	5	31	-
Writers, artists, and entertainers	8 088	5 750	933	189	538	206	1 369	36
Other professional, technical, and kindred workers	15 396	7 626	7 155	1 982	3 514	1 659	608	7
Managers and administrators, except farm	**93 773**	**61 844**	**13 702**	**4 497**	**3 864**	**5 341**	**18 053**	**174**
Buyers, purchasing agents, and sales managers	12 241	11 023	696	302	209	185	513	9
School administrators	3 011	388	2 589	10	710	1 869	34	-
Specified managers and administrators, public administration	6 531	5	6 526	3 128	1 563	1 835	-	-
Other specified managers and administrators	16 990	13 141	1 213	478	364	371	2 596	40
Managers and administrators, n.e.c., salaried	39 965	37 287	2 678	579	1 018	1 081	-	-
Manufacturing	8 673	8 570	103	86	17	-	-	-
Wholesale and retail trade	13 973	13 810	163	29	134	-	-	-
Transportation, communications and other public utilities	4 297	3 641	656	122	27	507	-	-
All other industries	13 022	11 266	1 756	342	840	574	-	-
Managers and administrators, n.e.c., self-employed	15 035	-	-	-	-	-	14 910	125
Construction	3 228	-	-	-	-	-	3 203	25
Manufacturing	1 169	-	-	-	-	-	1 163	6
Wholesale and retail trade	7 282	-	-	-	-	-	7 246	36
All other industries	3 356	-	-	-	-	-	3 298	58
Sales workers	**55 536**	**48 201**	**665**	**168**	**343**	**154**	**6 563**	**107**
Insurance agents, brokers, and underwriters	6 113	5 076	35	20	10	5	1 002	-
Real estate agents and brokers	6 071	4 593	23	10	4	9	1 443	12
Sales representatives, manufacturing industries	4 782	4 572	17	11	-	6	193	-
Sales representatives, wholesale trade	11 481	10 438	42	18	16	8	992	9
Sales clerks, retail trade	11 630	10 215	204	41	146	17	1 147	64
Salesmen, retail trade	6 680	5 879	5	-	-	5	791	5
Salesmen of services and construction	2 694	2 270	215	23	125	67	202	7
Other sales workers	6 085	5 158	124	45	42	37	793	10
Clerical and kindred workers	**50 043**	**34 209**	**14 974**	**10 107**	**2 608**	**2 259**	**825**	**35**
Bank tellers and cashiers	2 505	2 205	245	10	175	60	48	7
Bookkeepers and billing clerks	3 184	2 579	384	121	131	132	209	12
Mail handlers and postal clerks	7 331	706	6 621	6 505	110	6	4	-
Other clerical and kindred workers	37 023	28 719	7 724	3 471	2 192	2 061	564	16
Craftsmen and kindred workers	**172 129**	**138 182**	**20 926**	**10 994**	**2 924**	**7 008**	**12 866**	**155**
Apparel craftsmen and upholsterers	961	626	20	20	-	-	310	5
Bakers	1 151	1 036	17	4	6	7	98	-
Cabinetmakers	1 323	930	46	5	11	30	347	-
Construction craftsmen	49 959	37 782	6 435	3 130	989	2 316	5 657	85
Carpenters	16 302	12 610	1 144	602	207	335	2 501	47
Excavating, grading, and road machine operators	6 500	4 481	1 365	125	253	987	640	14
Electricians	9 710	7 575	1 701	1 030	192	479	424	10
Masons and tile setters	1 765	1 369	39	11	15	13	357	-
Painters, construction and maintenance, and paperhangers	4 808	3 087	808	406	169	233	906	7
Plasterers and cement finishers	1 293	1 069	60	26	-	34	164	-
Plumbers and pipe fitters	6 672	5 069	1 218	902	124	192	378	7
Other construction craftsmen	2 909	2 522	100	28	29	43	287	-
Foremen, n.e.c.	20 909	18 245	2 407	1 167	397	843	257	-
Manufacturing	11 460	10 880	525	520	-	5	55	-
Nonmanufacturing industries	9 449	7 365	1 882	647	397	838	202	-
Linemen and servicemen, telephone and power	6 833	5 892	908	209	11	688	33	-
Locomotive engineers and firemen	1 391	1 356	35	35	-	-	-	-
Mechanics and repairmen	42 234	34 577	4 326	2 064	672	1 590	3 312	19
Air conditioning, heating, and refrigeration	1 413	1 107	108	92	10	6	198	-
Aircraft	7 628	7 216	407	351	33	23	5	-
Automobile, including body	14 157	11 035	1 255	396	199	660	1 862	5
Radio and television	2 375	1 315	518	411	61	46	537	5
Other mechanics and repairmen	16 661	13 904	2 038	814	369	855	710	9
Metal craftsmen, except mechanics	18 635	15 638	2 632	2 328	129	175	359	6
Machinists and job and die setters	8 015	6 498	1 350	1 140	81	129	161	6
Sheetmetal workers and tinsmiths	3 390	2 842	516	473	19	24	32	-
Tool and die makers	1 779	1 664	95	81	8	6	20	-
Other metal craftsmen	5 451	4 634	671	634	21	16	146	-
Printing craftsmen	3 668	3 271	265	34	179	52	128	4
Compositors and typesetters	1 521	1 347	90	21	45	24	84	-
Pressmen and plate printers, printing	1 648	1 501	107	9	88	10	36	4
Stationary engineers and power station operators	3 389	2 030	1 339	470	129	740	20	-
Other craftsmen and kindred workers	21 676	16 799	2 496	1 528	401	567	2 345	36

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	**83 715**	**76 269**	**4 691**	**2 654**	**952**	**1 085**	**2 634**	**121**
Assemblers	3 533	3 430	60	48	7	5	43	-
Checkers, examiners, and inspectors; manufacturing	3 050	2 896	154	131	13	10	-	-
Garage workers and gas station attendants	8 042	7 543	110	52	9	49	370	19
Laundry and drycleaning operatives, n.e.c	862	568	91	26	41	24	197	6
Meat cutters and butchers	3 721	3 331	122	102	15	5	259	9
Mine operatives, n.e.c	575	507	32	6	10	16	30	6
Packers and wrappers, except produce	2 265	2 124	120	101	14	5	21	-
Painters, manufactured articles	1 127	1 013	51	37	5	9	63	-
Precision machine operatives	2 623	2 388	153	126	17	10	77	5
Sawyers	3 543	3 398	40	15	5	20	105	-
Stationary firemen	1 729	1 411	310	146	47	117	8	-
Textile operatives	165	155	10	-	-	10	-	-
Welders and flamecutters	7 302	6 251	872	737	51	84	172	7
Other metalworking operatives	3 637	3 474	93	76	14	3	70	-
Other specified operatives	14 332	12 376	1 160	521	407	232	767	29
Miscellaneous and not specified operatives	27 209	25 404	1 313	530	297	486	452	40
Occupation:								
Machine operatives, miscellaneous specified	12 562	12 131	297	207	42	48	134	-
Machine operatives, not specified	3 734	3 513	193	62	46	85	28	-
Miscellaneous operatives	7 532	6 598	697	199	190	308	197	40
Not specified operatives	3 381	3 162	126	62	19	45	93	-
Industry:								
Manufacturing	22 080	21 465	376	310	29	37	229	10
Durable goods	13 289	12 785	314	274	13	27	180	10
Wood products, including furniture	4 784	4 686	25	10	9	6	68	5
Primary metal industries	2 552	2 548	4	-	4	-	-	-
Fabricated metal industries	724	702	9	9	-	-	13	-
Machinery, including electrical	766	752	-	-	-	-	14	-
Motor vehicles and equipment	91	80	-	-	-	-	6	5
Transportation equipment, except motor vehicles	3 031	2 748	260	239	-	21	23	-
Other durable goods	1 341	1 269	16	16	-	-	56	-
Nondurable goods	8 753	8 642	62	36	16	10	49	-
Food and kindred products	2 111	2 076	11	-	11	-	24	-
Apparel and other fabricated textile products	172	172	-	-	-	-	-	-
Paper and allied products	4 638	4 610	23	13	-	10	5	-
Chemicals and allied products	1 012	983	23	23	-	-	6	-
Other nondurable goods	820	801	5	-	5	-	14	-
Not specified manufacturing industries	38	38	-	-	-	-	-	-
Nonmanufacturing industries	5 129	3 939	937	220	268	449	223	30
Transportation, communications, and other public utilities	1 207	927	275	19	11	245	5	-
Wholesale and retail trade	2 006	1 856	10	-	-	10	132	8
All other industries	1 916	1 156	652	201	257	194	86	22
Transport equipment operatives	**43 411**	**36 732**	**4 873**	**956**	**679**	**3 238**	**1 765**	**41**
Bus drivers	2 572	745	1 795	70	231	1 494	32	-
Taxicab drivers and chauffeurs	1 364	1 174	62	30	21	11	128	-
Truck drivers and deliverymen	30 148	26 373	2 276	459	292	1 525	1 463	36
Other transport equipment operatives	9 327	8 440	740	397	135	208	142	5
Laborers, except farm	**60 239**	**49 943**	**7 253**	**2 333**	**1 625**	**3 295**	**2 952**	**91**
Construction laborers	8 335	6 608	1 695	144	654	897	17	15
Freight, stock, and material handlers	23 778	21 573	2 006	1 261	178	567	190	9
Other specified laborers	18 300	13 556	2 209	480	614	1 115	2 487	48
Miscellaneous and not specified laborers	9 826	8 206	1 343	448	179	716	258	19
Occupation:								
Miscellaneous laborers	4 058	3 169	676	153	133	390	208	5
Not specified laborers	5 768	5 037	667	295	46	326	50	14
Industry:								
Manufacturing	4 553	4 396	135	89	8	38	22	-
Durable goods	3 128	2 986	131	85	8	38	11	-
Wood products, including furniture	1 506	1 489	11	-	8	3	6	-
Metal industries	782	770	12	7	-	5	-	-
Machinery, including electrical	108	102	6	-	-	6	-	-
Transportation equipment	412	333	79	75	-	4	-	-
Other durable goods	320	292	23	3	-	20	5	-
Nondurable goods	1 411	1 396	4	4	-	-	11	-
Food and kindred products	527	518	4	4	-	-	5	-
Not specified manufacturing industries	14	14	-	-	-	-	-	-
Nonmanufacturing industries	5 273	3 810	1 208	359	171	678	236	19
Railroads and railway express service	1 074	1 018	56	28	5	23	-	-
Transportation, except railroads	207	188	19	-	-	19	-	-
Communications, and utilities and sanitary services	778	243	516	31	28	457	19	-
Wholesale and retail trade	1 357	1 257	10	5	-	5	81	9
All other industries	1 857	1 104	607	295	138	174	136	10
Farmers and farm managers	**18 001**	**1 459**	**20**	**9**	**5**	**6**	**16 511**	**11**
Farm laborers and farm foremen	**18 006**	**16 807**	**467**	**123**	**249**	**95**	**142**	**590**
Paid farm laborers and farm foremen	17 416	16 807	467	123	249	95	142	-
Unpaid family workers	590	-	-	-	-	-	-	590
Service workers, except private household[1]	**59 637**	**34 062**	**21 569**	**2 789**	**5 994**	**12 786**	**3 898**	**108**
Cleaning service workers	20 953	12 264	8 025	875	2 588	4 562	620	44
Food service workers	15 198	12 889	1 181	371	645	165	1 069	59
Cooks, except private household	5 700	4 874	446	204	176	66	358	22
Busboys and dishwashers	4 095	3 741	340	41	252	47	5	9
Health service workers	1 737	841	888	283	567	38	8	-
Personal service workers	5 916	3 178	708	117	322	269	2 030	-
Protective service workers	12 449	2 563	9 844	937	1 593	7 314	42	-
Firemen, fire protection	3 390	104	3 286	262	33	2 991	-	-
Guards and watchmen	3 567	2 156	1 407	351	665	391	4	-
Policemen and detectives	4 656	190	4 428	259	875	3 294	38	-
Private household workers	**371**	**344**	**4**	**-**	**4**	**-**	**23**	**-**

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Total—Continued								
Female, 16 years old and over	**449 756**	**324 705**	**99 147**	**18 822**	**33 287**	**47 038**	**20 366**	**5 538**
Professional, technical, and kindred workers	**77 939**	**34 262**	**39 697**	**2 785**	**12 413**	**24 499**	**3 743**	**237**
Accountants	4 927	3 421	1 234	418	471	345	214	58
Computer specialists	684	517	162	40	73	49	5	–
Librarians	2 028	413	1 595	33	445	1 117	7	13
Mathematical specialists	227	212	15	10	5	–	–	–
Life and physical scientists	430	201	216	62	119	35	13	–
Registered nurses, dietitians, and therapists	16 039	12 026	3 688	736	1 286	1 666	276	49
Dietitians	458	320	129	39	67	23	5	4
Registered nurses	14 724	11 277	3 189	638	1 074	1 477	213	45
Health technologists and technicians	2 884	2 251	619	122	344	153	5	9
Social scientists	329	123	180	16	94	70	15	11
Social and recreation workers	2 617	639	1 958	142	1 406	410	15	5
Teachers: College and university	2 961	556	2 405	24	2 113	268	–	–
Elementary and prekindergarten	19 501	3 482	15 865	296	2 509	13 060	154	–
Secondary	7 261	1 006	6 255	57	876	5 322	–	–
Other teachers	2 725	745	336	64	131	141	1 634	10
Engineering and science technicians	1 697	1 150	521	148	320	53	15	11
Technicians, except health, and engineering and science	385	120	265	71	58	136	–	–
Writers, artists, and entertainers	3 961	2 717	512	73	266	173	706	26
Actors and dancers	157	139	9	–	5	4	9	–
Authors, editors, and reporters	747	552	99	21	68	10	86	10
Other professional, technical, and kindred workers	9 283	4 683	3 871	473	1 897	1 501	684	45
Managers and administrators, except farm	**19 029**	**11 581**	**3 155**	**947**	**731**	**1 477**	**3 745**	**548**
Buyers, purchasing agents, and sales managers	2 197	1 746	283	197	60	26	129	39
Restaurant, cafeteria, and bar managers	1 693	786	190	10	50	130	667	50
School administrators	765	222	530	–	180	350	13	–
Other specified managers and administrators	5 505	3 485	1 661	620	229	812	297	62
Managers and administrators, n.e.c., salaried	5 833	5 342	491	120	212	159	–	–
Wholesale and retail trade	1 915	1 865	50	20	24	6	–	–
Managers and administrators, n.e.c., self-employed	3 036	–	–	–	–	–	2 639	397
Wholesale and retail trade	1 754	–	–	–	–	–	1 518	236
Sales workers	**35 517**	**31 876**	**649**	**319**	**219**	**111**	**2 370**	**622**
Demonstrators, hucksters, and peddlers	3 775	3 242	–	–	–	–	528	5
Insurance, real estate agents, and brokers	3 152	2 759	45	21	4	20	319	29
Sales clerks, retail trade	21 973	20 196	288	164	101	23	1 063	426
Salesmen, retail trade	1 080	887	–	–	–	–	133	60
Other sales workers	5 537	4 792	316	134	114	68	327	102
Clerical and kindred workers	**165 258**	**121 430**	**38 923**	**11 995**	**13 602**	**13 326**	**2 485**	**2 420**
Bank tellers	4 673	4 538	129	108	16	5	6	–
Bookkeepers	22 825	18 839	1 734	432	475	827	1 147	1 105
Cashiers	10 430	9 311	912	237	380	295	103	104
Counter clerks, except food	2 410	2 199	98	46	30	22	43	70
Enumerators and interviewers	978	237	710	666	19	25	31	–
File clerks	4 131	3 144	960	386	320	254	12	15
Office machine operators	6 247	4 884	1 336	387	615	334	11	16
Bookkeeping and billing machine operators	964	856	103	20	27	56	–	5
Keypunch operators	3 375	2 546	818	221	425	172	6	5
Payroll and timekeeping clerks	1 136	852	280	140	52	88	–	4
Receptionists	6 530	5 317	995	134	566	295	83	135
Secretaries	38 984	27 559	10 761	1 821	4 675	4 265	221	443
Stenographers	2 360	1 395	925	375	321	229	40	–
Telephone operators	5 525	4 941	562	192	183	187	22	–
Typists	11 962	6 957	4 817	1 563	2 176	1 078	127	61
Other clerical and kindred workers	47 067	31 257	14 704	5 508	3 774	5 422	639	467
Craftsmen and kindred workers	**7 587**	**6 268**	**733**	**254**	**236**	**243**	**472**	**114**
Foremen, n.e.c	1 301	1 118	169	64	73	32	9	5
Operatives, except transport	**31 850**	**29 251**	**1 311**	**585**	**385**	**341**	**1 050**	**238**
Assemblers	1 956	1 854	79	69	5	5	23	–
Bottling and canning operatives	375	375	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 100	1 094	–	–	–	–	6	–
Dressmakers and seamstresses, except factory	1 491	859	75	52	9	14	551	6
Laundry and drycleaning operatives, including ironers	3 599	3 024	419	209	80	130	90	66
Graders and sorters, manufacturing	478	478	–	–	–	–	–	–
Packers and wrappers, except produce	4 410	4 288	53	21	4	28	21	48
Sewers and stitchers	3 725	3 560	82	23	30	29	69	14
Textile operatives	217	208	–	–	–	–	9	–
Other specified operatives	7 312	6 822	242	129	48	65	181	67
Miscellaneous and not specified operatives	7 187	6 689	361	82	209	70	100	37
Manufacturing	5 286	5 164	53	25	20	8	42	27
Durable goods	2 129	2 027	42	19	15	8	42	18
Machinery, including electrical	238	232	3	–	–	3	3	–
Other durable goods	1 891	1 795	39	19	15	5	39	18
Nondurable goods, including not specified manufacturing	3 157	3 137	11	6	5	–	–	9
Food and kindred products	1 624	1 615	–	–	–	–	–	9
Apparel and other fabricated textile products	242	242	–	–	–	–	–	–
Nonmanufacturing industries	1 901	1 525	308	57	189	62	58	10
Transport equipment operatives	**2 463**	**1 070**	**1 317**	**47**	**315**	**955**	**52**	**24**
Laborers, except farm	**4 640**	**3 898**	**327**	**161**	**105**	**61**	**328**	**87**
Farmers and farm managers	**1 281**	**87**	**5**	**5**	–	–	**1 184**	**5**
Farm laborers and farm foremen	**3 941**	**3 244**	**83**	**46**	**17**	**20**	**6**	**608**
Paid farm laborers and farm foremen	3 333	3 244	83	46	17	20	6	–
Unpaid family workers	608	–	–	–	–	–	–	608
Service workers, except private household[1]	**86 462**	**68 126**	**12 935**	**1 666**	**5 264**	**6 005**	**4 770**	**631**
Cleaning service workers	8 919	7 216	1 393	320	428	645	216	94
Chambermaids and maids	2 413	2 261	96	29	33	34	38	18
Food service workers	39 160	32 216	5 623	560	2 138	2 925	1 002	319
Cooks, except private household	10 172	7 129	2 464	210	775	1 479	447	132
Waiters and food counter workers	20 913	19 467	1 049	176	579	294	248	149
Health service workers	17 287	14 416	2 639	503	1 288	848	186	46
Nursing aides, orderlies, and attendants	8 667	7 177	1 449	274	752	423	41	–
Practical nurses	4 346	3 325	867	173	398	296	145	9
Personal service workers	14 054	8 796	2 068	174	1 035	859	3 092	98
Hairdressers and cosmetologists	6 431	4 436	38	15	18	5	1 933	24
Private household workers	**13 789**	**13 612**	**12**	**12**	–	–	**161**	**4**
Private household workers, living in	963	963	–	–	–	–	–	–
Private household workers, living out	12 826	12 649	12	12	–	–	161	4

[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	12 306	8 150	3 639	1 900	628	1 111	505	12
Professional, technical, and kindred workers	1 320	627	630	170	243	217	63	–
Accountants	56	22	34	34	–	–	–	–
Architects	17	6	5	5	–	–	6	–
Computer specialists	24	24	–	–	–	–	–	–
Engineers	132	102	30	11	4	15	–	–
Aeronautical and astronautical	25	25	–	–	–	–	–	–
Civil	17	–	17	8	4	5	–	–
Electrical and electronic	45	40	5	–	–	5	–	–
Mechanical	11	11	–	–	–	–	–	–
Other engineers	34	26	8	3	–	5	–	–
Lawyers and judges	15	5	3	–	3	–	7	–
Life and physical scientists	13	9	4	–	4	–	–	–
Chemists	9	9	–	–	–	–	–	–
Physicians, dentists, and related practitioners	29	12	–	–	–	–	17	–
Dentists	7	7	–	–	–	–	–	–
Pharmacists	5	5	–	–	–	–	–	–
Physicians, medical and osteopathic	17	–	–	–	–	–	17	–
Other related practitioners	–	–	–	–	–	–	–	–
Health technologists and technicians	27	8	19	11	8	–	–	–
Religious workers	28	24	–	–	–	–	4	–
Social scientists	33	11	22	5	12	5	–	–
Social and recreation workers	137	23	114	28	49	37	–	–
Teachers	172	11	161	–	82	79	–	–
College and university	90	7	83	–	66	17	–	–
Elementary and prekindergarten	28	–	28	–	7	21	–	–
Secondary	44	–	44	–	3	41	–	–
Engineering and science technicians	107	87	20	20	–	–	–	–
Draftsmen and surveyors	29	23	6	6	–	–	–	–
Electrical and electronic engineering technicians	14	6	8	8	–	–	–	–
Technicians, except health, and engineering and science	26	13	13	4	9	–	–	–
Airplane pilots	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	165	131	25	5	5	15	9	–
Other professional, technical, and kindred workers	339	139	180	47	67	66	20	–
Managers and administrators, except farm	601	253	191	85	59	47	157	–
Buyers, purchasing agents, and sales managers	41	36	–	–	–	–	5	–
School administrators	16	–	16	–	7	9	–	–
Specified managers and administrators, public administration	71	–	71	38	7	26	–	–
Other specified managers and administrators	183	80	47	28	15	4	56	–
Managers and administrators, n.e.c., salaried	194	137	57	19	30	8	–	–
Manufacturing	22	22	–	–	–	–	–	–
Wholesale and retail trade	45	45	–	–	–	–	–	–
Transportation, communications and other public utilities	–	–	–	–	–	–	–	–
All other industries	127	70	57	19	30	8	–	–
Managers and administrators, n.e.c., self-employed	96	–	–	–	–	–	96	–
Construction	16	–	–	–	–	–	16	–
Manufacturing	4	–	–	–	–	–	4	–
Wholesale and retail trade	17	–	–	–	–	–	17	–
All other industries	59	–	–	–	–	–	59	–
Sales workers	316	261	8	–	5	3	47	–
Insurance agents, brokers, and underwriters	51	51	–	–	–	–	–	–
Real estate agents and brokers	15	–	3	–	–	3	12	–
Sales representatives, manufacturing industries	16	16	–	–	–	–	–	–
Sales representatives, wholesale trade	42	42	–	–	–	–	–	–
Sales clerks, retail trade	105	99	–	–	–	–	6	–
Salesmen, retail trade	36	19	–	–	–	–	17	–
Salesmen of services and construction	21	4	5	–	5	–	12	–
Other sales workers	30	30	–	–	–	–	–	–
Clerical and kindred workers	1 082	539	531	419	24	88	9	3
Bank tellers and cashiers	25	25	–	–	–	–	–	–
Bookkeepers and billing clerks	22	19	–	–	–	–	3	–
Mail handlers and postal clerks	261	8	253	253	–	–	–	–
Other clerical and kindred workers	774	487	278	166	24	88	6	3
Craftsmen and kindred workers	2 319	1 702	547	356	40	151	66	4
Apparel craftsmen and upholsterers	5	5	–	–	–	–	–	–
Bakers	14	11	3	–	–	3	–	–
Cabinetmakers	4	4	–	–	–	–	–	–
Construction craftsmen	680	427	219	157	10	52	30	4
Carpenters	137	89	34	31	–	3	10	4
Excavating, grading, and road machine operators	58	15	38	30	–	8	5	–
Electricians	89	66	23	13	10	–	–	–
Masons and tile setters	36	36	–	–	–	–	–	–
Painters, construction and maintenance, and paperhangers	133	58	70	64	–	6	5	–
Plasterers and cement finishers	103	79	24	–	–	24	–	–
Plumbers and pipe fitters	119	79	30	19	–	11	10	–
Other construction craftsmen	5	5	–	–	–	–	–	–
Foremen, n.e.c.	184	126	58	25	9	24	–	–
Manufacturing	56	56	–	–	–	–	–	–
Nonmanufacturing industries	128	70	58	25	9	24	–	–
Linemen and servicemen, telephone and power	69	58	11	–	–	11	–	–
Locomotive engineers and firemen	11	11	–	–	–	–	–	–
Mechanics and repairmen	593	483	74	40	6	28	36	–
Air conditioning, heating, and refrigeration	11	11	–	–	–	–	–	–
Aircraft	229	229	–	–	–	–	–	–
Automobile, including body	164	107	27	16	–	11	30	–
Radio and television	28	15	7	7	–	–	6	–
Other mechanics and repairmen	161	121	40	17	6	17	–	–
Metal craftsmen, except mechanics	215	185	30	30	–	–	–	–
Machinists and job and die setters	63	50	13	13	–	–	–	–
Sheetmetal workers and tinsmiths	61	55	6	6	–	–	–	–
Tool and die makers	41	41	–	–	–	–	–	–
Other metal craftsmen	50	39	11	11	–	–	–	–
Printing craftsmen	30	24	6	6	–	–	–	–
Compositors and typesetters	15	9	6	6	–	–	–	–
Pressmen and plate printers, printing	15	15	–	–	–	–	–	–
Stationary engineers and power station operators	21	4	17	–	–	17	–	–
Other craftsmen and kindred workers	493	364	129	98	15	16	–	–

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	**1 999**	**1 767**	**193**	**150**	**17**	**26**	**34**	**5**
Assemblers	110	104	6	6	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	35	30	5	5	–	–	–	–
Garage workers and gas station attendants	79	63	11	11	–	–	–	5
Laundry and drycleaning operatives, n.e.c	48	40	8	8	–	–	–	–
Meat cutters and butchers	27	27	–	–	–	–	–	–
Mine operatives, n.e.c	5	–	5	–	–	5	–	–
Packers and wrappers, except produce	69	60	9	9	–	–	–	–
Painters, manufactured articles	72	53	11	11	–	–	8	–
Precision machine operatives	49	44	5	5	–	–	–	–
Sawyers	7	7	–	–	–	–	–	–
Stationary firemen	3	3	–	–	–	–	–	–
Textile operatives	5	5	–	–	–	–	–	–
Welders and flamecutters	214	186	28	24	4	–	–	–
Other metalworking operatives	243	243	–	–	–	–	–	–
Other specified operatives	410	361	38	34	–	4	11	–
Miscellaneous and not specified operatives	623	541	67	37	13	17	15	–
Occupation:								
Machine operatives, miscellaneous specified	270	245	25	25	–	–	–	–
Machine operatives, not specified	122	98	24	7	13	4	–	–
Miscellaneous operatives	178	145	18	5	–	13	15	–
Not specified operatives	53	53	–	–	–	–	–	–
Industry:								
Manufacturing	454	427	27	19	4	4	–	–
Durable goods	355	328	27	19	4	4	–	–
Wood products, including furniture	28	28	–	–	–	–	–	–
Primary metal industries	86	82	4	–	4	–	–	–
Fabricated metal industries	27	27	–	–	–	–	–	–
Machinery, including electrical	18	18	–	–	–	–	–	–
Motor vehicles and equipment	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	190	167	23	19	–	4	–	–
Other durable goods	6	6	–	–	–	–	–	–
Nondurable goods	93	93	–	–	–	–	–	–
Food and kindred products	37	37	–	–	–	–	–	–
Apparel and other fabricated textile products	5	5	–	–	–	–	–	–
Paper and allied products	31	31	–	–	–	–	–	–
Chemicals and allied products	9	9	–	–	–	–	–	–
Other nondurable goods	11	11	–	–	–	–	–	–
Not specified manufacturing industries	6	6	–	–	–	–	–	–
Nonmanufacturing industries	169	114	40	18	9	13	15	–
Transportation, communications, and other public utilities	47	33	9	–	–	9	5	–
Wholesale and retail trade	72	58	4	–	–	4	10	–
All other industries	50	23	27	18	9	–	–	–
Transport equipment operatives	**567**	**390**	**160**	**77**	**11**	**72**	**17**	–
Bus drivers	27	–	22	5	–	17	5	–
Taxicab drivers and chauffeurs	27	16	11	11	–	–	–	–
Truck drivers and deliverymen	292	213	67	24	4	39	12	–
Other transport equipment operatives	221	161	60	37	7	16	–	–
Laborers, except farm	**1 554**	**1 081**	**458**	**312**	**11**	**135**	**15**	–
Construction laborers	255	213	42	16	–	26	–	–
Freight, stock, and material handlers	454	288	166	127	11	28	–	–
Other specified laborers	441	297	129	90	–	39	15	–
Miscellaneous and not specified laborers	404	283	121	79	–	42	–	–
Occupation:								
Miscellaneous laborers	182	153	29	3	–	26	–	–
Not specified laborers	222	130	92	76	–	16	–	–
Industry:								
Manufacturing	202	186	16	8	–	8	–	–
Durable goods	176	160	16	8	–	8	–	–
Wood products, including furniture	5	5	–	–	–	–	–	–
Metal industries	65	62	3	3	–	–	–	–
Machinery, including electrical	10	6	4	–	–	4	–	–
Transportation equipment	91	82	9	5	–	4	–	–
Other durable goods	5	5	–	–	–	–	–	–
Nondurable goods	26	26	–	–	–	–	–	–
Food and kindred products	9	9	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	202	97	105	71	–	34	–	–
Railroads and railway express service	49	49	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	30	5	25	–	–	25	–	–
Wholesale and retail trade	28	28	–	–	–	–	–	–
All other industries	95	15	80	71	–	9	–	–
Farmers and farm managers	**32**	**4**	–	–	–	–	**28**	–
Farm laborers and farm foremen	**136**	**127**	**9**	**4**	**5**	–	–	–
Paid farm laborers and farm foremen	136	127	9	4	5	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**2 361**	**1 380**	**912**	**327**	**213**	**372**	**69**	–
Cleaning service workers	1 091	634	434	126	130	178	23	–
Food service workers	483	388	86	62	4	20	9	–
Cooks, except private household	214	153	58	43	–	15	3	–
Busboys and dishwashers	82	69	13	8	–	5	–	–
Health service workers	99	31	68	42	26	–	–	–
Personal service workers	219	104	90	29	20	41	25	–
Protective service workers	188	22	166	27	28	111	–	–
Firemen, fire protection	33	6	27	–	–	27	–	–
Guards and watchmen	76	13	63	27	17	19	–	–
Policemen and detectives	74	3	71	–	11	60	–	–
Private household workers	**19**	**19**	–	–	–	–	–	–

[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	**9 354**	**6 233**	**2 863**	**1 081**	**848**	**934**	**245**	**13**
Professional, technical, and kindred workers	**1 320**	**498**	**817**	**170**	**287**	**360**	**5**	-
Accountants	39	8	31	21	-	10	-	-
Computer specialists	-	-	-	-	-	-	-	-
Librarians	26	-	26	6	6	14	-	-
Mathematical specialists	-	-	-	-	-	-	-	-
Life and physical scientists	13	7	6	-	6	-	-	-
Registered nurses, dietitians, and therapists	284	191	93	29	49	15	-	-
Dietitians	18	13	5	5	-	-	-	-
Registered nurses	251	168	83	24	44	15	-	-
Health technologists and technicians	77	36	41	7	25	9	-	-
Social scientists	5	5	-	-	-	-	-	-
Social and recreation workers	136	22	114	24	50	40	-	-
Teachers: College and university	38	-	38	5	30	3	-	-
Elementary and prekindergarten	226	44	182	22	27	133	-	-
Secondary	114	11	103	-	17	86	-	-
Other teachers	17	12	5	5	-	-	-	-
Engineering and science technicians	33	4	29	24	5	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	32	32	-	-	-	-	-	-
Actors and dancers	10	10	-	-	-	-	-	-
Authors, editors, and reporters	-	-	-	-	-	-	-	-
Other professional, technical, and kindred workers	280	126	149	27	72	50	5	-
Managers and administrators, except farm	**198**	**90**	**66**	**26**	**12**	**28**	**42**	-
Buyers, purchasing agents, and sales managers	38	26	12	12	-	-	-	-
Restaurant, cafeteria, and bar managers	18	8	-	-	-	-	10	-
School administrators	31	5	26	-	12	14	-	-
Other specified managers and administrators	42	18	13	8	-	5	11	-
Managers and administrators, n.e.c., salaried	48	33	15	6	-	9	-	-
Wholesale and retail trade	31	25	6	6	-	-	-	-
Managers and administrators, n.e.c., self-employed	21	-	-	-	-	-	21	-
Wholesale and retail trade	2	-	-	-	-	-	2	-
Sales workers	**335**	**281**	**50**	**24**	**20**	**6**	-	**4**
Demonstrators, hucksters, and peddlers	13	13	-	-	-	-	-	-
Insurance, real estate agents, and brokers	-	-	-	-	-	-	-	-
Sales clerks, retail trade	239	209	26	20	-	6	-	4
Salesmen, retail trade	10	10	-	-	-	-	-	-
Other sales workers	73	49	24	4	20	-	-	-
Clerical and kindred workers	**2 484**	**1 373**	**1 094**	**488**	**287**	**319**	**12**	**5**
Bank tellers	50	50	-	-	-	-	-	-
Bookkeepers	68	61	7	7	-	-	-	-
Cashiers	122	88	34	26	3	5	-	-
Counter clerks, except food	20	15	-	-	-	-	-	5
Enumerators and interviewers	19	4	15	-	-	15	-	-
File clerks	137	91	46	15	12	19	-	-
Office machine operators	165	130	35	16	19	-	-	-
Bookkeeping and billing machine operators	31	31	-	-	-	-	-	-
Keypunch operators	102	77	25	16	9	-	-	-
Payroll and timekeeping clerks	-	-	-	-	-	-	-	-
Receptionists	83	30	53	4	20	29	-	-
Secretaries	336	182	149	42	57	50	5	-
Stenographers	25	25	-	-	-	-	-	-
Telephone operators	189	164	25	6	14	5	-	-
Typists	279	122	157	70	33	54	-	-
Other clerical and kindred workers	991	411	573	302	129	142	7	-
Craftsmen and kindred workers	**183**	**143**	**40**	**28**	**6**	**6**	-	-
Foremen, n.e.c	26	9	17	17	-	-	-	-
Operatives, except transport	**1 196**	**991**	**196**	**157**	**10**	**29**	**5**	**4**
Assemblers	52	43	9	4	-	5	-	-
Bottling and canning operatives	4	4	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	22	22	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	15	10	-	-	-	-	5	-
Laundry and drycleaning operatives, including ironers	358	254	100	84	4	12	-	4
Graders and sorters, manufacturing	9	9	-	-	-	-	-	-
Packers and wrappers, except produce	46	46	-	-	-	-	-	-
Sewers and stitchers	101	98	3	3	-	-	-	-
Textile operatives	4	4	-	-	-	-	-	-
Other specified operatives	354	286	68	50	6	12	-	-
Miscellaneous and not specified operatives	231	215	16	16	-	-	-	-
Manufacturing	198	198	-	-	-	-	-	-
Durable goods	109	109	-	-	-	-	-	-
Machinery, including electrical	20	20	-	-	-	-	-	-
Other durable goods	89	89	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	89	89	-	-	-	-	-	-
Food and kindred products	36	36	-	-	-	-	-	-
Apparel and other fabricated textile products	16	16	-	-	-	-	-	-
Nonmanufacturing industries	33	17	16	16	-	-	-	-
Transport equipment operatives	**18**	**9**	**9**	**6**	-	**3**	-	-
Laborers, except farm	**147**	**141**	**6**	**5**	**1**	-	-	-
Farmers and farm managers	**20**	-	-	-	-	-	**20**	-
Farm laborers and farm foremen	**23**	**23**	-	-	-	-	-	-
Paid farm laborers and farm foremen	23	23	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**2 713**	**1 967**	**585**	**177**	**225**	**183**	**161**	-
Cleaning service workers	601	505	91	25	38	28	5	-
Chambermaids and maids	148	144	4	4	-	-	-	-
Food service workers	531	355	151	58	44	49	25	-
Cooks, except private household	196	126	56	23	14	19	14	-
Waiters and food counter workers	229	165	53	28	11	14	11	-
Health service workers	818	640	160	54	41	65	18	-
Nursing aides, orderlies, and attendants	379	313	66	20	14	32	-	-
Practical nurses	340	253	69	27	22	20	18	-
Personal service workers	419	181	141	20	88	33	97	-
Hairdressers and cosmetologists	122	57	-	-	-	-	65	-
Private household workers	**717**	**717**	-	-	-	-	-	-
Private household workers, living in	8	8	-	-	-	-	-	-
Private household workers, living out	709	709	-	-	-	-	-	-

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Spanish Language								
Male, 16 years old and over	**13 702**	**11 190**	**1 673**	**651**	**514**	**508**	**807**	**32**
Professional, technical, and kindred workers	**1 634**	**992**	**509**	**99**	**239**	**171**	**116**	**17**
Accountants	137	125	5	5	–	–	7	–
Architects	4	–	–	–	–	–	4	–
Computer specialists	20	12	8	–	8	–	–	–
Engineers	428	381	47	11	23	13	–	–
Aeronautical and astronautical	72	72	–	–	–	–	–	–
Civil	62	54	8	–	8	–	–	–
Electrical and electronic	73	65	8	–	8	–	–	–
Mechanical	78	78	–	–	–	–	–	–
Other engineers	143	112	31	11	7	13	–	–
Lawyers and judges	30	–	6	–	6	–	24	–
Life and physical scientists	26	22	4	4	–	–	–	–
Chemists	22	22	–	–	–	–	–	–
Physicians, dentists, and related practitioners	95	27	26	8	18	–	42	–
Dentists	5	–	–	–	–	–	5	–
Pharmacists	27	27	–	–	–	–	–	–
Physicians, medical and osteopathic	56	–	26	8	18	–	30	–
Other related practitioners	7	–	–	–	–	–	7	–
Health technologists and technicians	43	29	14	14	–	–	–	–
Religious workers	–	–	–	–	–	–	–	–
Social scientists	5	–	5	5	–	–	–	–
Social and recreation workers	38	14	24	6	6	12	–	–
Teachers	269	34	235	6	117	112	–	–
College and university	102	6	96	–	96	–	–	–
Elementary and prekindergarten	42	–	42	–	–	42	–	–
Secondary	103	12	91	–	21	70	–	–
Engineering and science technicians	128	87	41	26	7	8	–	–
Draftsmen and surveyors	67	39	28	13	7	8	–	–
Electrical and electronic engineering technicians	24	18	6	6	–	–	–	–
Technicians, except health, and engineering and science	73	73	–	–	–	–	–	–
Airplane pilots	11	11	–	–	–	–	–	–
Writers, artists, and entertainers	153	100	14	–	8	6	22	17
Other professional, technical, and kindred workers	185	88	80	14	46	20	17	–
Managers and administrators, except farm	**1 990**	**756**	**153**	**86**	**51**	**16**	**181**	–
Buyers, purchasing agents, and sales managers	135	120	5	–	–	5	10	–
School administrators	8	–	8	–	8	–	–	–
Specified managers and administrators, public administration	93	–	93	64	18	11	–	–
Other specified managers and administrators	190	141	13	7	6	–	36	–
Managers and administrators, n.e.c., salaried	529	495	34	15	19	–	–	–
Manufacturing	87	80	7	7	–	–	–	–
Wholesale and retail trade	261	253	8	8	–	–	–	–
Transportation, communications and other public utilities	38	33	5	–	5	–	–	–
All other industries	143	129	14	–	14	–	–	–
Managers and administrators, n.e.c., self-employed	135	–	–	–	–	–	135	–
Construction	35	–	–	–	–	–	35	–
Manufacturing	–	–	–	–	–	–	–	–
Wholesale and retail trade	59	–	–	–	–	–	59	–
All other industries	41	–	–	–	–	–	41	–
Sales workers	**800**	**707**	–	–	–	–	**93**	–
Insurance agents, brokers, and underwriters	102	95	–	–	–	–	7	–
Real estate agents and brokers	57	50	–	–	–	–	7	–
Sales representatives, manufacturing industries	67	61	–	–	–	–	6	–
Sales representatives, wholesale trade	129	102	–	–	–	–	27	–
Sales clerks, retail trade	234	207	–	–	–	–	27	–
Salesmen, retail trade	82	73	–	–	–	–	9	–
Salesmen of services and construction	60	60	–	–	–	–	–	–
Other sales workers	69	59	–	–	–	–	10	–
Clerical and kindred workers	**664**	**479**	**169**	**120**	**44**	**5**	**14**	**4**
Bank tellers and cashiers	50	44	–	–	–	–	6	–
Bookkeepers and billing clerks	69	57	–	–	–	–	8	4
Mail handlers and postal clerks	92	14	78	72	6	–	–	–
Other clerical and kindred workers	455	364	91	48	38	5	–	–
Craftsmen and kindred workers	**2 165**	**1 834**	**211**	**120**	**25**	**66**	**120**	–
Apparel craftsmen and upholsterers	24	24	–	–	–	–	–	–
Bakers	35	35	–	–	–	–	–	–
Cabinetmakers	61	40	–	–	–	–	21	–
Construction craftsmen	654	534	66	36	–	30	54	–
Carpenters	167	136	6	–	–	6	25	–
Excavating, grading, and road machine operators	127	107	20	5	–	15	–	–
Electricians	130	112	13	13	–	–	5	–
Masons and tile setters	12	12	–	–	–	–	–	–
Painters, construction and maintenance, and paperhangers	78	43	20	11	–	9	15	–
Plasterers and cement finishers	9	9	–	–	–	–	–	–
Plumbers and pipe fitters	97	81	7	7	–	–	9	–
Other construction craftsmen	34	34	–	–	–	–	–	–
Foremen, n.e.c.	236	212	19	6	6	7	5	–
Manufacturing	96	96	–	–	–	–	–	–
Nonmanufacturing industries	140	116	19	6	6	7	5	–
Linemen and servicemen, telephone and power	57	51	6	6	–	–	–	–
Locomotive engineers and firemen	–	–	–	–	–	–	–	–
Mechanics and repairmen	593	541	42	21	13	8	10	–
Air conditioning, heating, and refrigeration	24	20	4	4	–	–	–	–
Aircraft	161	161	–	–	–	–	–	–
Automobile, including body	197	182	5	–	5	–	10	–
Radio and television	21	–	21	13	–	8	–	–
Other mechanics and repairmen	190	178	12	4	8	–	–	–
Metal craftsmen, except mechanics	213	169	38	38	–	–	6	–
Machinists and job and die setters	91	68	23	23	–	–	–	–
Sheetmetal workers and tinsmiths	60	45	9	9	–	–	6	–
Tool and die makers	7	7	–	–	–	–	–	–
Other metal craftsmen	55	49	6	6	–	–	–	–
Printing craftsmen	45	45	–	–	–	–	–	–
Compositors and typesetters	21	21	–	–	–	–	–	–
Pressmen and plate printers, printing	14	14	–	–	–	–	–	–
Stationary engineers and power station operators	43	23	20	6	–	14	–	–
Other craftsmen and kindred workers	204	160	20	7	6	7	24	–

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	**1 564**	**1 426**	**100**	**56**	**11**	**33**	**38**	-
Assemblers	103	95	8	8	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	57	57	-	-	-	-	-	-
Garage workers and gas station attendants	157	140	8	8	-	-	9	-
Laundry and drycleaning operatives, n.e.c	26	13	7	7	-	-	6	-
Meat cutters and butchers	76	64	7	-	-	7	5	-
Mine operatives, n.e.c	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	71	65	6	6	-	-	-	-
Painters, manufactured articles	20	13	-	-	-	-	7	-
Precision machine operatives	55	55	-	-	-	-	-	-
Sawyers	43	43	-	-	-	-	-	-
Stationary firemen	33	33	-	-	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Welders and flamecutters	117	112	5	5	-	-	-	-
Other metalworking operatives	92	92	-	-	-	-	-	-
Other specified operatives	201	186	8	-	-	8	7	-
Miscellaneous and not specified operatives	513	458	51	22	11	18	4	-
Occupation:								
Machine operatives, miscellaneous specified	226	218	8	8	-	-	-	-
Machine operatives, not specified	93	93	-	-	-	-	-	-
Miscellaneous operatives	155	128	27	8	11	8	-	-
Not specified operatives	39	19	16	6	-	10	4	-
Industry:								
Manufacturing	411	387	24	14	-	10	-	-
Durable goods	233	209	24	14	-	10	-	-
Wood products, including furniture	53	53	-	-	-	-	-	-
Primary metal industries	72	72	-	-	-	-	-	-
Fabricated metal industries	6	6	-	-	-	-	-	-
Machinery, including electrical	7	7	-	-	-	-	-	-
Motor vehicles and equipment	-	-	-	-	-	-	-	-
Transportation equipment, except motor vehicles	83	65	18	8	-	10	-	-
Other durable goods	12	6	6	6	-	-	-	-
Nondurable goods	178	178	-	-	-	-	-	-
Food and kindred products	127	127	-	-	-	-	-	-
Apparel and other fabricated textile products	8	8	-	-	-	-	-	-
Paper and allied products	37	37	-	-	-	-	-	-
Chemicals and allied products	6	6	-	-	-	-	-	-
Other nondurable goods	-	-	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	102	71	27	8	11	8	4	-
Transportation, communications, and other public utilities	13	13	-	-	-	-	-	-
Wholesale and retail trade	21	21	-	-	-	-	-	-
All other industries	68	37	27	8	11	8	4	-
Transport equipment operatives	**787**	**663**	**91**	**36**	**6**	**49**	**33**	-
Bus drivers	75	37	38	7	6	25	-	-
Taxicab drivers and chauffeurs	39	39	-	-	-	-	-	-
Truck drivers and deliverymen	495	415	47	23	-	24	33	-
Other transport equipment operatives	178	172	6	6	-	-	-	-
Laborers, except farm	**1 282**	**1 114**	**144**	**54**	**49**	**41**	**20**	**4**
Construction laborers	150	145	5	-	5	-	-	-
Freight, stock, and material handlers	471	418	45	11	-	34	8	-
Other specified laborers	257	203	38	-	31	7	12	4
Miscellaneous and not specified laborers	404	348	56	43	13	-	-	-
Occupation:								
Miscellaneous laborers	133	113	20	13	7	-	-	-
Not specified laborers	271	235	36	30	6	-	-	-
Industry:								
Manufacturing	153	153	-	-	-	-	-	-
Durable goods	63	63	-	-	-	-	-	-
Wood products, including furniture	29	29	-	-	-	-	-	-
Metal industries	17	17	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Transportation equipment	10	10	-	-	-	-	-	-
Other durable goods	7	7	-	-	-	-	-	-
Nondurable goods	90	90	-	-	-	-	-	-
Food and kindred products	85	85	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	251	195	56	43	13	-	-	-
Railroads and railway express service	98	79	19	13	6	-	-	-
Transportation, except railroads	11	11	-	-	-	-	-	-
Communications, and utilities and sanitary services	9	9	-	-	-	-	-	-
Wholesale and retail trade	66	66	-	-	-	-	-	-
All other industries	67	30	37	30	7	-	-	-
Farmers and farm managers	**127**	**38**	-	-	-	-	**89**	-
Farm laborers and farm foremen	**2 487**	**2 473**	**5**	**5**	-	-	**9**	-
Paid farm laborers and farm foremen	2 487	2 473	5	5	-	-	9	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**1 092**	**700**	**291**	**75**	**89**	**127**	**94**	**7**
Cleaning service workers	456	282	156	34	46	76	11	7
Food service workers	314	285	18	12	6	-	11	-
Cooks, except private household	129	117	12	12	-	-	-	-
Busboys and dishwashers	63	63	-	-	-	-	-	-
Health service workers	70	26	44	21	23	-	-	-
Personal service workers	116	43	8	8	-	-	65	-
Protective service workers	95	23	65	-	14	51	7	-
Firemen, fire protection	26	16	10	-	-	10	-	-
Guards and watchmen	15	7	8	-	8	-	-	-
Policemen and detectives	33	-	26	-	6	20	7	-
Private household workers	**8**	**8**	-	-	-	-	-	-

[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	**6 638**	**5 146**	**1 220**	**346**	**419**	**455**	**198**	**74**
Professional, technical, and kindred workers	**820**	**360**	**443**	**89**	**192**	**162**	**17**	**-**
Accountants	33	17	16	16	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-
Librarians	-	-	-	-	-	-	-	-
Mathematical specialists	-	-	-	-	-	-	-	-
Life and physical scientists	19	-	15	-	15	-	4	-
Registered nurses, dietitians, and therapists	126	106	13	6	-	7	7	-
Dietitians	4	4	-	-	-	-	-	-
Registered nurses	115	102	13	6	-	7	-	-
Health technologists and technicians	61	40	21	13	-	8	-	-
Social scientists	6	-	6	6	-	-	-	-
Social and recreation workers	50	-	50	18	32	-	-	-
Teachers: College and university	54	21	33	-	33	-	-	-
Elementary and prekindergarten	221	56	165	17	43	105	-	-
Secondary	59	21	38	13	12	13	-	-
Other teachers	-	-	-	-	-	-	-	-
Engineering and science technicians	22	15	7	-	7	-	-	-
Technicians, except health, and engineering and science	6	6	-	-	-	-	-	-
Writers, artists, and entertainers	46	26	14	-	7	7	6	-
Actors and dancers	-	-	-	-	-	-	-	-
Authors, editors, and reporters	-	-	-	-	-	-	-	-
Other professional, technical, and kindred workers	117	52	65	-	43	22	-	-
Managers and administrators, except farm	**159**	**95**	**34**	**6**	**7**	**21**	**15**	**15**
Buyers, purchasing agents, and sales managers	5	5	-	-	-	-	-	-
Restaurant, cafeteria, and bar managers	23	11	7	-	-	7	5	-
School administrators	-	-	-	-	-	-	-	-
Other specified managers and administrators	52	19	27	6	7	14	-	6
Managers and administrators, n.e.c., salaried	60	60	-	-	-	-	-	-
Wholesale and retail trade	19	19	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	19	-	-	-	-	-	10	9
Wholesale and retail trade	9	-	-	-	-	-	-	9
Sales workers	**404**	**372**	**15**	**7**	**-**	**8**	**17**	**-**
Demonstrators, hucksters, and peddlers	44	44	-	-	-	-	-	-
Insurance, real estate agents, and brokers	54	46	8	-	-	8	-	-
Sales clerks, retail trade	240	224	7	7	-	-	9	-
Salesmen, retail trade	5	5	-	-	-	-	-	-
Other sales workers	61	53	-	-	-	-	8	-
Clerical and kindred workers	**2 020**	**1 438**	**523**	**147**	**173**	**203**	**36**	**23**
Bank tellers	86	86	-	-	-	-	-	-
Bookkeepers	235	174	23	-	13	10	30	8
Cashiers	101	86	-	-	-	-	-	15
Counter clerks, except food	23	23	-	-	-	-	-	-
Enumerators and interviewers	6	-	6	6	-	-	-	-
File clerks	84	62	22	7	15	-	-	-
Office machine operators	99	74	25	7	6	12	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-
Keypunch operators	60	42	18	-	6	12	-	-
Payroll and timekeeping clerks	6	-	6	-	6	-	-	-
Receptionists	91	56	35	13	14	8	-	-
Secretaries	487	361	126	24	58	44	-	-
Stenographers	23	15	8	-	8	-	-	-
Telephone operators	55	49	6	-	-	6	-	-
Typists	163	80	83	35	21	27	-	-
Other clerical and kindred workers	561	372	183	55	32	96	6	-
Craftsmen and kindred workers	**69**	**69**	**-**	**-**	**-**	**-**	**-**	**-**
Foremen, n.e.c	5	5	-	-	-	-	-	-
Operatives, except transport	**1 085**	**1 042**	**23**	**13**	**-**	**10**	**20**	**-**
Assemblers	17	17	-	-	-	-	-	-
Bottling and canning operatives	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	44	44	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	26	6	6	6	-	-	14	-
Laundry and drycleaning operatives, including ironers	87	74	7	7	-	-	6	-
Graders and sorters, manufacturing	72	72	-	-	-	-	-	-
Packers and wrappers, except produce	136	136	-	-	-	-	-	-
Sewers and stitchers	164	154	10	-	-	10	-	-
Textile operatives	8	8	-	-	-	-	-	-
Other specified operatives	163	163	-	-	-	-	-	-
Miscellaneous and not specified operatives	368	368	-	-	-	-	-	-
Manufacturing	353	353	-	-	-	-	-	-
Durable goods	43	43	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Other durable goods	43	43	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	310	310	-	-	-	-	-	-
Food and kindred products	284	284	-	-	-	-	-	-
Apparel and other fabricated textile products	15	15	-	-	-	-	-	-
Nonmanufacturing industries	15	15	-	-	-	-	-	-
Transport equipment operatives	**16**	**16**	**-**	**-**	**-**	**-**	**-**	**-**
Laborers, except farm	**130**	**119**	**7**	**-**	**7**	**-**	**-**	**4**
Farmers and farm managers	**22**	**-**	**-**	**-**	**-**	**-**	**22**	**-**
Farm laborers and farm foremen	**461**	**442**	**-**	**-**	**-**	**-**	**-**	**19**
Paid farm laborers and farm foremen	442	442	-	-	-	-	-	-
Unpaid family workers	19	-	-	-	-	-	-	19
Service workers, except private household[1]	**1 278**	**1 029**	**165**	**74**	**40**	**51**	**71**	**13**
Cleaning service workers	146	126	6	-	-	6	7	7
Chambermaids and maids	38	31	-	-	-	-	7	-
Food service workers	446	367	54	30	12	12	19	6
Cooks, except private household	79	46	22	22	-	-	11	-
Waiters and food counter workers	290	256	20	8	12	-	8	6
Health service workers	331	274	57	7	22	28	-	-
Nursing aides, orderlies, and attendants	196	160	36	-	22	14	-	-
Practical nurses	68	47	21	7	-	14	-	-
Personal service workers	253	165	43	37	6	-	45	-
Hairdressers and cosmetologists	122	76	7	7	-	-	39	-
Private household workers	**174**	**164**	**10**	**10**	**-**	**-**	**-**	**-**
Private household workers, living in	19	19	-	-	-	-	-	-
Private household workers, living out	155	145	10	10	-	-	-	-

[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		
PORTLAND, OREG.–WASH., SMSA								
Total								
Male, 16 years old and over	**244 796**	**188 987**	**31 575**	**10 275**	**6 310**	**14 990**	**23 704**	**530**
Professional, technical, and kindred workers	**36 248**	**19 110**	**11 929**	**3 564**	**3 115**	**5 250**	**5 190**	**19**
Accountants	3 237	2 206	512	283	152	77	514	5
Architects	472	232	40	24	11	5	200	–
Computer specialists	942	673	255	159	23	73	14	–
Engineers	6 037	4 046	1 812	1 207	324	281	179	–
Aeronautical and astronautical	3	3	–	–	–	–	–	–
Civil	1 630	496	1 088	648	260	180	46	–
Electrical and electronic	1 431	1 018	394	353	11	30	19	–
Mechanical	844	716	106	91	9	6	22	–
Other engineers	2 129	1 813	224	115	44	65	92	–
Lawyers and judges	1 518	321	192	52	45	95	1 005	–
Life and physical scientists	682	397	279	167	112	–	6	–
Chemists	341	300	41	23	18	–	–	–
Physicians, dentists, and related practitioners	3 206	752	418	152	236	30	2 036	–
Dentists	622	26	19	14	5	–	577	–
Pharmacists	505	374	26	20	6	–	105	–
Physicians, medical and osteopathic	1 753	308	359	114	221	24	1 086	–
Other related practitioners	326	44	14	4	4	6	268	–
Health technologists and technicians	631	444	158	39	78	41	29	–
Religious workers	1 156	1 024	7	–	–	7	125	–
Social scientists	491	253	198	85	37	76	40	–
Social and recreation workers	553	134	419	62	169	188	–	–
Teachers	6 404	1 519	4 789	39	1 118	3 632	96	–
College and university	1 745	710	1 035	11	812	212	–	–
Elementary and prekindergarten	1 489	223	1 266	5	81	1 180	–	–
Secondary	2 776	374	2 402	6	180	2 216	–	–
Engineering and science technicians	3 401	2 537	785	410	154	221	79	–
Draftsmen and surveyors	1 806	1 280	455	188	88	179	71	–
Electrical and electronic engineering technicians	742	637	105	92	5	8	–	–
Technicians, except health, and engineering and science	397	215	177	112	30	35	5	–
Airplane pilots	114	99	15	10	5	–	–	–
Writers, artists, and entertainers	2 693	1 924	190	117	35	38	571	8
Other professional, technical, and kindred workers	4 428	2 433	1 698	656	591	451	291	6
Managers and administrators, except farm	**32 593**	**23 727**	**3 312**	**1 073**	**726**	**1 513**	**5 503**	**51**
Buyers, purchasing agents, and sales managers	4 730	4 324	191	94	47	50	209	6
School administrators	857	173	684	11	121	552	–	–
Specified managers and administrators, public administration	1 603	–	1 603	707	303	593	–	–
Other specified managers and administrators	6 112	5 025	201	65	79	57	872	14
Managers and administrators, n.e.c., salaried	14 838	14 205	633	196	176	261	–	–
Manufacturing	3 430	3 425	5	–	–	5	–	–
Wholesale and retail trade	4 930	4 906	24	–	24	–	–	–
Transportation, communications and other public utilities	1 782	1 670	112	50	–	62	–	–
All other industries	4 696	4 204	492	146	152	194	–	–
Managers and administrators, n.e.c., self-employed	4 453	–	–	–	–	–	4 422	31
Construction	1 033	–	–	–	–	–	1 028	5
Manufacturing	441	–	–	–	–	–	431	10
Wholesale and retail trade	1 953	–	–	–	–	–	1 943	10
All other industries	1 026	–	–	–	–	–	1 020	6
Sales workers	**21 494**	**18 933**	**144**	**10**	**104**	**30**	**2 384**	**33**
Insurance agents, brokers, and underwriters	2 459	2 043	16	–	16	–	400	–
Real estate agents and brokers	1 410	1 016	–	–	–	–	394	–
Sales representatives, manufacturing industries	2 643	2 539	–	–	–	–	99	5
Sales representatives, wholesale trade	5 535	5 052	9	–	9	–	474	–
Sales clerks, retail trade	3 669	3 306	33	–	33	–	321	9
Salesmen, retail trade	2 543	2 230	5	–	–	5	302	6
Salesmen of services and construction	1 116	1 006	46	–	41	5	60	4
Other sales workers	2 119	1 741	35	10	5	20	334	9
Clerical and kindred workers	**18 291**	**13 637**	**4 293**	**3 250**	**344**	**699**	**322**	**39**
Bank tellers and cashiers	1 075	1 016	39	16	5	18	20	–
Bookkeepers and billing clerks	1 174	982	91	42	–	49	94	7
Mail handlers and postal clerks	2 574	280	2 290	2 257	14	19	4	–
Other clerical and kindred workers	13 468	11 359	1 873	935	325	613	204	32
Craftsmen and kindred workers	**50 552**	**42 983**	**3 228**	**1 027**	**521**	**1 680**	**4 249**	**92**
Apparel craftsmen and upholsterers	521	383	4	–	–	4	134	–
Bakers	600	531	18	8	–	10	51	–
Cabinetmakers	527	390	–	–	–	–	132	5
Construction craftsmen	13 003	10 071	1 023	266	153	604	1 865	44
Carpenters	4 559	3 367	244	57	58	129	925	23
Excavating, grading, and road machine operators	1 358	849	325	52	45	228	184	–
Electricians	2 044	1 772	216	111	26	79	56	–
Masons and tile setters	603	518	9	–	–	9	76	–
Painters, construction and maintenance, and paperhangers	1 618	1 079	110	33	8	69	408	21
Plasterers and cement finishers	405	340	10	5	–	5	55	–
Plumbers and pipe fitters	1 498	1 304	103	8	10	85	91	–
Other construction craftsmen	918	842	6	–	6	–	70	–
Foremen, n.e.c.	6 773	6 279	419	131	96	192	69	6
Manufacturing	3 414	3 376	15	5	5	5	23	–
Nonmanufacturing industries	3 359	2 903	404	126	91	187	46	6
Linemen and servicemen, telephone and power	1 864	1 783	76	20	–	56	5	–
Locomotive engineers and firemen	522	512	10	4	6	–	–	–
Mechanics and repairmen	11 605	9 741	830	259	101	470	1 013	21
Air conditioning, heating, and refrigeration	434	350	19	9	4	6	65	–
Aircraft	314	241	73	43	30	–	–	–
Automobile, including body	5 065	4 227	303	82	21	200	520	15
Radio and television	633	396	75	37	–	38	162	–
Other mechanics and repairmen	5 159	4 527	360	88	46	226	266	6
Metal craftsmen, except mechanics	5 831	5 619	79	27	25	27	122	11
Machinists and job and die setters	2 661	2 575	38	10	13	15	42	6
Sheetmetal workers and tinsmiths	1 168	1 141	4	4	–	–	23	–
Tool and die makers	409	394	–	–	–	–	10	5
Other metal craftsmen	1 593	1 509	37	13	12	12	47	–
Printing craftsmen	1 689	1 581	48	33	4	11	60	–
Compositors and typesetters	631	601	8	4	4	–	22	–
Pressmen and plate printers, printing	741	699	31	20	–	11	11	–
Stationary engineers and power station operators	724	514	210	57	10	143	–	–
Other craftsmen and kindred workers	6 893	5 579	511	222	126	163	798	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		
PORTLAND, OREG.–WASH., SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**27 857**	**26 284**	**737**	**219**	**165**	**353**	**804**	**32**
Assemblers	1 399	1 380	10	–	5	5	9	–
Checkers, examiners, and inspectors, manufacturing	738	686	46	16	19	11	6	–
Garage workers and gas station attendants	2 266	2 128	15	10	–	5	123	–
Laundry and drycleaning operatives, n.e.c	313	236	22	–	5	17	50	5
Meat cutters and butchers	1 153	1 052	12	12	–	–	89	–
Mine operatives, n.e.c	103	77	15	–	–	15	11	–
Packers and wrappers, except produce	741	735	–	–	–	–	6	–
Painters, manufactured articles	442	412	–	–	–	–	30	–
Precision machine operatives	1 368	1 321	7	–	–	7	35	5
Sawyers	689	680	–	–	–	–	9	–
Stationary firemen	358	315	43	5	16	22	–	–
Textile operatives	129	129	–	–	–	–	–	–
Welders and flamecutters	3 465	3 332	85	58	10	17	41	7
Other metalworking operatives	1 511	1 488	6	–	–	6	17	–
Other specified operatives	4 588	4 167	185	80	41	64	236	–
Miscellaneous and not specified operatives	8 594	8 146	291	38	69	184	142	15
Occupation:								
Machine operatives, miscellaneous specified	4 050	3 944	62	18	27	17	44	–
Machine operatives, not specified	1 274	1 232	25	5	13	7	12	5
Miscellaneous operatives	2 291	2 018	196	15	29	152	72	5
Not specified operatives	979	952	8	–	–	8	14	5
Industry:								
Manufacturing	6 932	6 818	27	–	19	8	72	15
Durable goods	4 039	3 959	18	–	14	4	52	10
Wood products, including furniture	967	929	–	–	–	–	28	10
Primary metal industries	1 079	1 071	8	–	4	4	–	–
Fabricated metal industries	573	564	–	–	–	–	9	–
Machinery, including electrical	661	653	4	–	4	–	4	–
Motor vehicles and equipment	99	99	–	–	–	–	–	–
Transportation equipment, except motor vehicles	196	185	–	–	–	–	11	–
Other durable goods	464	458	6	–	6	–	–	–
Nondurable goods	2 864	2 830	9	–	5	4	20	5
Food and kindred products	519	509	–	–	–	–	5	5
Apparel and other fabricated textile products	113	113	–	–	–	–	–	–
Paper and allied products	1 628	1 624	4	–	–	4	–	–
Chemicals and allied products	340	340	–	–	–	–	–	–
Other nondurable goods	264	244	5	–	5	–	15	–
Not specified manufacturing industries	29	29	–	–	–	–	–	–
Nonmanufacturing industries	1 662	1 328	264	38	50	176	70	–
Transportation, communications, and other public utilities	334	263	71	10	4	57	–	–
Wholesale and retail trade	712	643	11	5	–	6	58	–
All other industries	616	422	182	23	46	113	12	–
Transport equipment operatives	**15 584**	**13 819**	**1 028**	**193**	**161**	**674**	**718**	**19**
Bus drivers	818	455	345	4	42	299	13	5
Taxicab drivers and chauffeurs	540	453	13	5	5	3	74	–
Truck drivers and deliverymen	11 008	9 871	560	142	90	328	567	10
Other transport equipment operatives	3 218	3 040	110	42	24	44	64	4
Laborers, except farm	**17 122**	**15 001**	**1 298**	**383**	**291**	**624**	**808**	**15**
Construction laborers	2 198	1 881	317	32	93	192	–	–
Freight, stock, and material handlers	7 542	7 048	315	219	46	50	179	–
Other specified laborers	4 758	3 732	473	82	107	284	548	5
Miscellaneous and not specified laborers	2 624	2 340	193	50	45	98	81	10
Occupation:								
Miscellaneous laborers	797	647	96	24	23	49	49	5
Not specified laborers	1 827	1 693	97	26	22	49	32	5
Industry:								
Manufacturing	1 275	1 270	–	–	–	–	5	–
Durable goods	890	885	–	–	–	–	5	–
Wood products, including furniture	313	308	–	–	–	–	5	–
Metal industries	370	370	–	–	–	–	–	–
Machinery, including electrical	39	39	–	–	–	–	–	–
Transportation equipment	71	71	–	–	–	–	–	–
Other durable goods	97	97	–	–	–	–	–	–
Nondurable goods	368	368	–	–	–	–	–	–
Food and kindred products	88	88	–	–	–	–	–	–
Not specified manufacturing industries	17	17	–	–	–	–	–	–
Nonmanufacturing industries	1 349	1 070	193	50	45	98	76	10
Railroads and railway express service	276	265	11	11	–	–	–	–
Transportation, except railroads	67	67	–	–	–	–	–	–
Communications, and utilities and sanitary services	131	52	68	4	–	64	11	–
Wholesale and retail trade	401	368	10	–	–	10	23	–
All other industries	474	318	104	35	45	24	42	10
Farmers and farm managers	**2 633**	**213**	–	–	–	–	**2 420**	–
Farm laborers and farm foremen	**2 536**	**2 281**	**65**	**18**	**27**	**20**	**28**	**162**
Paid farm laborers and farm foremen	2 374	2 281	65	18	27	20	28	–
Unpaid family workers	162	–	–	–	–	–	–	162
Service workers, except private household[1]	**19 759**	**12 891**	**5 541**	**538**	**856**	**4 147**	**1 259**	**68**
Cleaning service workers	6 986	4 592	2 133	187	437	1 509	246	15
Food service workers	5 225	4 771	143	41	58	44	268	43
Cooks, except private household	1 811	1 671	27	18	–	9	98	15
Busboys and dishwashers	1 679	1 638	35	–	21	14	–	6
Health service workers	593	422	166	74	73	19	5	–
Personal service workers	1 838	1 062	173	36	43	94	603	–
Protective service workers	3 528	803	2 697	136	203	2 358	28	–
Firemen, fire protection	1 094	18	1 076	24	16	1 036	–	–
Guards and watchmen	858	674	170	35	36	99	14	–
Policemen and detectives	1 290	91	1 185	66	136	983	14	–
Private household workers	**127**	**108**	–	–	–	–	**19**	–

[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		
PORTLAND, OREG.–WASH., SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**154 844**	**121 191**	**25 586**	**4 609**	**6 252**	**14 725**	**6 172**	**1 895**
Professional, technical, and kindred workers	**24 526**	**11 866**	**11 363**	**813**	**2 674**	**7 876**	**1 199**	**98**
Accountants	1 346	1 023	232	99	35	98	75	16
Computer specialists	169	122	47	18	15	14	–	–
Librarians	532	169	363	12	99	252	–	–
Mathematical specialists	36	26	5	5	–	–	–	5
Life and physical scientists	177	115	53	17	32	4	9	–
Registered nurses, dietitians, and therapists	5 382	4 086	1 188	211	412	565	98	10
Dietitians	188	121	67	14	29	24	–	–
Registered nurses	4 932	3 867	977	187	315	475	78	10
Health technologists and technicians	1 198	893	294	63	216	15	–	11
Social scientists	80	32	38	11	8	19	10	–
Social and recreation workers	845	228	599	11	403	185	8	10
Teachers: College and university	804	247	557	5	395	157	–	–
Elementary and prekindergarten	6 091	1 376	4 690	57	448	4 185	25	–
Secondary	2 327	378	1 949	–	202	1 747	–	–
Other teachers	892	312	104	14	42	48	471	5
Engineering and science technicians	494	312	177	114	48	15	5	–
Technicians, except health, and engineering and science	61	32	23	4	–	19	6	–
Writers, artists, and entertainers	1 218	841	127	23	36	68	224	26
Actors and dancers	59	53	–	–	–	–	6	–
Authors, editors, and reporters	229	169	28	10	12	6	15	17
Other professional, technical, and kindred workers	2 874	1 674	917	149	283	485	268	15
Managers and administrators, except farm	**6 420**	**4 426**	**854**	**168**	**202**	**484**	**1 018**	**122**
Buyers, purchasing agents, and sales managers	643	585	33	11	5	17	20	5
Restaurant, cafeteria, and bar managers	654	296	136	–	25	111	200	22
School administrators	318	147	166	9	27	130	5	–
Other specified managers and administrators	1 788	1 329	330	116	81	133	129	–
Managers and administrators, n.e.c., salaried	2 258	2 069	189	32	64	93	–	–
Wholesale and retail trade	747	742	5	–	–	5	–	–
Managers and administrators, n.e.c., self-employed	759	–	–	–	–	–	664	95
Wholesale and retail trade	406	–	–	–	–	–	379	27
Sales workers	**11 935**	**10 820**	**86**	**10**	**19**	**57**	**870**	**159**
Demonstrators, hucksters, and peddlers	1 234	1 010	–	–	–	–	224	–
Insurance, real estate agents, and brokers	1 018	900	–	–	–	–	118	–
Sales clerks, retail trade	7 322	6 800	32	5	7	20	382	108
Salesmen, retail trade	303	279	–	–	–	–	18	6
Other sales workers	2 058	1 831	54	5	12	37	128	45
Clerical and kindred workers	**59 429**	**48 403**	**9 343**	**3 055**	**2 376**	**3 912**	**764**	**919**
Bank tellers	1 296	1 255	41	18	17	6	–	–
Bookkeepers	7 838	6 778	352	105	91	156	339	369
Cashiers	3 011	2 838	97	10	14	73	45	31
Counter clerks, except food	929	869	18	–	13	5	26	16
Enumerators and interviewers	271	153	105	90	15	–	13	–
File clerks	1 553	1 298	244	120	65	59	5	6
Office machine operators	2 762	2 419	337	119	74	144	6	–
Bookkeeping and billing machine operators	415	386	29	10	10	9	–	–
Keypunch operators	1 589	1 368	215	74	45	96	6	–
Payroll and timekeeping clerks	539	455	84	27	17	40	–	–
Receptionists	2 068	1 794	205	21	89	95	23	46
Secretaries	15 261	12 144	2 812	687	998	1 127	79	226
Stenographers	895	510	357	207	16	134	28	–
Telephone operators	2 256	2 121	131	50	23	58	4	–
Typists	4 071	2 809	1 193	416	328	449	33	36
Other clerical and kindred workers	16 679	12 960	3 367	1 185	616	1 566	163	189
Craftsmen and kindred workers	**2 717**	**2 357**	**121**	**24**	**18**	**79**	**185**	**54**
Foremen, n.e.c.	672	645	11	5	–	6	5	11
Operatives, except transport	**14 368**	**13 698**	**261**	**38**	**115**	**108**	**316**	**93**
Assemblers	2 379	2 364	15	–	4	11	–	–
Bottling and canning operatives	59	59	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	885	880	–	–	–	–	5	–
Dressmakers and seamstresses, except factory	377	231	–	–	–	–	135	11
Laundry and drycleaning operatives, including ironers	1 298	1 183	62	5	30	27	32	21
Graders and sorters, manufacturing	82	78	–	–	–	–	–	4
Packers and wrappers, except produce	1 561	1 529	5	–	5	–	16	11
Sewers and stitchers	2 265	2 200	30	5	15	10	35	–
Textile operatives	246	225	6	–	–	6	15	–
Other specified operatives	2 250	2 128	41	17	14	10	60	21
Miscellaneous and not specified operatives	2 966	2 821	102	11	47	44	18	25
Manufacturing	2 473	2 430	–	–	–	–	18	25
Durable goods	1 302	1 275	–	–	–	–	13	14
Machinery, including electrical	763	763	–	–	–	–	–	–
Other durable goods	539	512	–	–	–	–	13	14
Nondurable goods, including not specified manufacturing	1 171	1 155	–	–	–	–	5	11
Food and kindred products	224	224	–	–	–	–	–	–
Apparel and other fabricated textile products	347	337	–	–	–	–	5	5
Nonmanufacturing industries	493	391	102	11	47	44	–	–
Transport equipment operatives	**790**	**499**	**265**	**16**	**35**	**214**	**26**	**–**
Laborers, except farm	**1 650**	**1 480**	**44**	**10**	**28**	**6**	**97**	**29**
Farmers and farm managers	**403**	**28**	**–**	**–**	**–**	**–**	**370**	**5**
Farm laborers and farm foremen	**1 011**	**791**	**5**	**–**	**–**	**5**	**16**	**199**
Paid farm laborers and farm foremen	812	791	5	–	–	5	16	–
Unpaid family workers	199	–	–	–	–	–	–	199
Service workers, except private household[1]	**27 709**	**22 965**	**3 244**	**475**	**785**	**1 984**	**1 287**	**213**
Cleaning service workers	3 339	2 916	352	70	108	174	66	5
Chambermaids and maids	984	939	28	6	7	15	12	5
Food service workers	11 475	9 698	1 348	105	191	1 052	323	106
Cooks, except private household	2 754	1 980	654	20	92	542	101	19
Waiters and food counter workers	5 870	5 545	129	13	15	101	128	68
Health service workers	6 300	5 414	810	220	283	307	26	50
Nursing aides, orderlies, and attendants	3 298	2 863	404	105	119	180	22	9
Practical nurses	1 274	1 036	234	83	77	74	4	–
Personal service workers	3 988	2 811	369	29	133	207	770	38
Hairdressers and cosmetologists	1 986	1 496	–	–	–	–	474	16
Private household workers	**3 886**	**3 858**	**–**	**–**	**–**	**–**	**24**	**4**
Private household workers, living in	420	420	–	–	–	–	–	–
Private household workers, living out	3 466	3 438	–	–	–	–	24	4

[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		
SEATTLE–EVERETT SMSA								
Total								
Male, 16 years old and over	**349 121**	**272 260**	**48 730**	**12 003**	**14 055**	**22 672**	**27 591**	**540**
Professional, technical, and kindred workers	**69 379**	**44 869**	**17 902**	**3 016**	**7 616**	**7 270**	**6 557**	**51**
Accountants	4 561	3 421	665	324	178	163	470	5
Architects	1 013	546	112	51	32	29	355	-
Computer specialists	2 112	1 932	180	26	94	60	-	-
Engineers	20 007	17 773	1 984	636	598	750	250	-
Aeronautical and astronautical	5 452	5 413	34	19	11	4	5	-
Civil	2 488	1 458	988	232	344	412	42	-
Electrical and electronic	3 689	3 262	388	133	65	190	39	-
Mechanical	3 071	2 853	184	90	83	11	34	-
Other engineers	5 307	4 787	390	162	95	133	130	-
Lawyers and judges	2 217	603	294	143	82	69	1 320	-
Life and physical scientists	1 008	443	553	223	294	36	12	-
Chemists	388	270	118	48	70	-	-	-
Physicians, dentists, and related practitioners	4 485	1 362	471	175	261	35	2 652	-
Dentists	919	72	9	9	-	-	838	-
Pharmacists	736	555	11	5	6	-	170	-
Physicians, medical and osteopathic	2 411	655	446	156	255	35	1 310	-
Other related practitioners	419	80	5	5	-	-	334	-
Health technologists and technicians	585	298	268	57	158	53	19	-
Religious workers	1 266	1 152	10	-	10	-	104	-
Social scientists	809	506	262	65	58	139	41	-
Social and recreation workers	750	237	508	57	217	234	5	-
Teachers	9 940	1 658	8 084	79	3 542	4 463	198	-
College and university	3 479	487	2 992	51	2 823	118	-	-
Elementary and prekindergarten	1 800	226	1 574	17	185	1 372	-	-
Secondary	3 918	512	3 406	-	482	2 924	-	-
Engineering and science technicians	6 038	4 766	1 154	325	491	338	111	7
Draftsmen and surveyors	2 695	2 122	497	105	164	228	76	-
Electrical and electronic engineering technicians	1 606	1 315	277	137	117	23	14	-
Technicians, except health, and engineering and science	2 712	2 157	539	390	85	64	16	-
Airplane pilots	1 235	1 202	26	16	5	5	7	-
Writers, artists, and entertainers	4 671	3 547	345	20	211	114	747	32
Other professional, technical, and kindred workers	7 205	4 468	2 473	445	1 305	723	257	7
Managers and administrators, except farm	**43 086**	**31 356**	**4 957**	**1 654**	**1 159**	**2 144**	**6 682**	**91**
Buyers, purchasing agents, and sales managers	6 779	6 360	244	109	37	98	175	-
School administrators	992	124	854	-	236	618	14	-
Specified managers and administrators, public administration	2 477	5	2 472	1 287	363	822	-	-
Other specified managers and administrators	7 946	6 533	480	146	151	183	914	19
Managers and administrators, n.e.c., salaried	19 241	18 334	907	112	372	423	-	-
Manufacturing	4 779	4 743	36	25	11	-	-	-
Wholesale and retail trade	5 958	5 894	64	5	59	-	-	-
Transportation, communications and other public utilities	2 138	1 920	218	28	-	190	-	-
All other industries	6 366	5 777	589	54	302	233	-	-
Managers and administrators, n.e.c., self-employed	5 651	-	-	-	-	-	5 579	72
Construction	1 277	-	-	-	-	-	1 257	20
Manufacturing	465	-	-	-	-	-	465	-
Wholesale and retail trade	2 561	-	-	-	-	-	2 535	26
All other industries	1 348	-	-	-	-	-	1 322	26
Sales workers	**29 101**	**25 426**	**281**	**46**	**165**	**70**	**3 336**	**58**
Insurance agents, brokers, and underwriters	3 318	2 747	19	14	-	5	552	-
Real estate agents and brokers	3 201	2 451	14	5	-	9	724	12
Sales representatives, manufacturing industries	3 034	2 898	13	7	-	6	123	-
Sales representatives, wholesale trade	6 912	6 299	15	-	11	4	589	9
Sales clerks, retail trade	5 160	4 522	105	-	101	4	508	25
Salesmen, retail trade	3 087	2 739	-	-	-	-	343	5
Salesmen of services and construction	1 392	1 198	74	4	43	27	113	7
Other sales workers	2 997	2 572	41	16	10	15	384	-
Clerical and kindred workers	**26 289**	**19 575**	**6 264**	**4 108**	**1 016**	**1 140**	**426**	**24**
Bank tellers and cashiers	1 121	971	110	5	76	29	33	7
Bookkeepers and billing clerks	1 485	1 267	119	31	33	55	87	12
Mail handlers and postal clerks	3 478	477	3 001	2 951	44	6	-	-
Other clerical and kindred workers	20 205	16 860	3 034	1 121	863	1 050	306	5
Craftsmen and kindred workers	**78 027**	**67 340**	**5 365**	**1 258**	**1 069**	**3 038**	**5 263**	**59**
Apparel craftsmen and upholsterers	450	317	-	-	-	-	128	5
Bakers	624	591	-	-	-	-	33	-
Cabinetmakers	530	337	23	-	7	16	170	-
Construction craftsmen	21 647	17 728	1 643	350	346	947	2 241	35
Carpenters	6 957	5 693	303	94	42	167	950	11
Excavating, grading, and road machine operators	1 782	1 241	332	14	45	273	202	7
Electricians	4 834	4 207	454	124	94	236	163	10
Masons and tile setters	804	627	21	-	15	6	156	-
Painters, construction and maintenance, and paperhangers	2 312	1 639	237	34	81	122	429	7
Plasterers and cement finishers	692	601	34	-	-	34	57	-
Plumbers and pipe fitters	2 852	2 472	215	74	59	82	165	-
Other construction craftsmen	1 414	1 248	47	10	10	27	119	-
Foremen, n.e.c	9 392	8 670	628	134	130	364	94	-
Manufacturing	5 295	5 278	12	12	-	-	5	-
Nonmanufacturing industries	4 097	3 392	616	122	130	364	89	-
Linemen and servicemen, telephone and power	3 042	2 718	313	33	6	274	11	-
Locomotive engineers and firemen	475	465	10	10	-	-	-	-
Mechanics and repairmen	19 862	17 349	1 192	291	214	687	1 316	5
Air conditioning, heating, and refrigeration	666	567	26	10	10	6	73	-
Aircraft	6 567	6 501	61	27	11	23	5	-
Automobile, including body	5 639	4 456	450	83	49	318	733	-
Radio and television	1 026	691	112	51	41	20	218	5
Other mechanics and repairmen	5 964	5 134	543	120	103	320	287	-
Metal craftsmen, except mechanics	9 800	9 296	336	126	88	122	168	-
Machinists and job and die setters	4 205	3 936	195	47	56	92	74	-
Sheetmetal workers and tinsmiths	1 740	1 676	49	21	14	14	15	-
Tool and die makers	1 449	1 404	25	11	8	6	20	-
Other metal craftsmen	2 406	2 280	67	47	10	10	59	-
Printing craftsmen	1 942	1 759	115	16	64	35	64	4
Compositors and typesetters	768	661	62	11	34	17	45	-
Pressmen and plate printers, printing	894	855	16	5	11	-	19	4
Stationary engineers and power station operators	1 336	879	446	73	46	327	11	-
Other craftsmen and kindred workers	8 927	7 231	659	225	168	266	1 027	10

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		
SEATTLE–EVERETT SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**33 848**	**31 313**	**1 435**	**522**	**402**	**511**	**1 043**	**57**
Assemblers	2 068	2 017	23	18	–	5	28	–
Checkers, examiners, and inspectors; manufacturing	2 079	2 040	39	30	4	5	–	–
Garage workers and gas station attendants	3 315	3 095	62	21	9	32	139	19
Laundry and drycleaning operatives, n.e.c	350	230	28	6	5	17	92	–
Meat cutters and butchers	1 388	1 276	26	15	6	5	81	5
Mine operatives, n.e.c.	93	83	–	–	–	–	10	–
Packers and wrappers, except produce	888	825	52	48	4	–	11	–
Painters, manufactured articles	599	568	14	5	–	9	17	–
Precision machine operatives	1 633	1 557	31	15	10	6	40	5
Sawyers	841	809	5	–	–	5	27	–
Stationary firemen	439	315	124	59	17	48	–	–
Textile operatives	45	40	5	–	–	5	–	–
Welders and flamecutters	2 919	2 748	124	58	35	31	47	–
Other metalworking operatives	1 783	1 704	42	34	5	3	37	–
Other specified operatives	5 802	5 001	459	137	217	105	330	12
Miscellaneous and not specified operatives	9 606	9 005	401	76	90	235	184	16
Occupation:								
Machine operatives, miscellaneous specified	3 724	3 613	65	49	10	6	46	–
Machine operatives, not specified	1 338	1 275	54	7	13	34	9	–
Miscellaneous operatives	3 189	2 819	252	15	59	178	102	16
Not specified operatives	1 355	1 298	30	5	8	17	27	–
Industry:								
Manufacturing	7 375	7 236	52	29	–	23	82	5
Durable goods	5 467	5 354	33	16	–	17	75	5
Wood products, including furniture	986	970	5	5	–	–	11	–
Primary metal industries	457	457	–	–	–	–	–	–
Fabricated metal industries	507	501	–	–	–	–	6	–
Machinery, including electrical	398	398	–	–	–	–	–	–
Motor vehicles and equipment	45	40	–	–	–	–	–	5
Transportation equipment, except motor vehicles	2 290	2 249	28	11	–	17	13	–
Other durable goods	784	739	–	–	–	–	45	–
Nondurable goods	1 908	1 882	19	13	–	6	7	–
Food and kindred products	578	571	–	–	–	–	7	–
Apparel and other fabricated textile products	97	97	–	–	–	–	–	–
Paper and allied products	824	805	19	13	–	6	–	–
Chemicals and allied products	124	124	–	–	–	–	–	–
Other nondurable goods	285	285	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	2 231	1 769	349	47	90	212	102	11
Transportation, communications, and other public utilities	615	468	142	–	–	142	5	–
Wholesale and retail trade	851	796	10	–	–	10	45	–
All other industries	765	505	197	47	90	60	52	11
Transport equipment operatives	**17 212**	**14 887**	**1 750**	**191**	**214**	**1 345**	**557**	**18**
Bus drivers	1 119	291	824	10	65	749	4	–
Taxicab drivers and chauffeurs	756	700	11	11	–	–	45	–
Truck drivers and deliverymen	12 223	11 044	715	99	82	534	451	13
Other transport equipment operatives	3 114	2 852	200	71	67	62	57	5
Laborers, except farm	**22 007**	**18 744**	**2 305**	**507**	**444**	**1 354**	**909**	**49**
Construction laborers	3 149	2 643	488	11	171	306	8	10
Freight, stock, and material handlers	10 067	9 408	612	349	103	160	47	–
Other specified laborers	5 806	4 189	796	86	140	570	788	33
Miscellaneous and not specified laborers	2 985	2 504	409	61	30	318	66	6
Occupation:								
Miscellaneous laborers	1 149	917	181	24	10	147	51	–
Not specified laborers	1 836	1 587	228	37	20	171	15	6
Industry:								
Manufacturing	1 434	1 380	49	22	–	27	5	–
Durable goods	1 068	1 018	45	18	–	27	5	–
Wood products, including furniture	336	333	3	–	–	3	–	–
Metal industries	226	223	3	3	–	–	–	–
Machinery, including electrical	53	47	6	–	–	6	–	–
Transportation equipment	252	233	19	15	–	4	–	–
Other durable goods	201	182	14	–	–	14	5	–
Nondurable goods	357	353	4	4	–	–	–	–
Food and kindred products	106	102	4	4	–	–	–	–
Not specified manufacturing industries	9	9	–	–	–	–	–	–
Nonmanufacturing industries	1 551	1 124	360	39	30	291	61	6
Railroads and railway express service	158	149	9	9	–	–	–	–
Transportation, except railroads	82	76	6	–	–	6	–	–
Communications, and utilities and sanitary services	240	52	188	3	–	185	–	–
Wholesale and retail trade	533	490	5	–	–	5	32	6
All other industries	538	357	152	27	30	95	29	–
Farmers and farm managers	**1 137**	**121**	–	–	–	–	**1 005**	**11**
Farm laborers and farm foremen	**1 620**	**1 463**	**61**	–	**41**	**20**	**31**	**65**
Paid farm laborers and farm foremen	1 555	1 463	61	–	41	20	31	–
Unpaid family workers	65	–	–	–	–	–	–	65
Service workers, except private household[1]	**27 203**	**16 971**	**8 410**	**701**	**1 929**	**5 780**	**1 765**	**57**
Cleaning service workers	8 675	5 267	3 037	212	938	1 887	347	24
Food service workers	8 308	7 378	352	99	193	60	545	33
Cooks, except private household	3 087	2 782	111	57	19	35	181	13
Busboys and dishwashers	2 265	2 151	100	23	62	15	5	9
Health service workers	478	390	88	34	46	8	–	–
Personal service workers	2 756	1 626	310	54	123	133	820	–
Protective service workers	5 491	1 183	4 292	241	526	3 525	16	–
Firemen, fire protection	1 576	74	1 502	23	11	1 468	–	–
Guards and watchmen	1 389	964	425	59	199	167	–	–
Policemen and detectives	2 198	107	2 075	135	310	1 630	16	–
Private household workers	**212**	**195**	–	–	–	–	**17**	–

[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		
SEATTLE–EVERETT SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**207 634**	**157 018**	**40 947**	**6 962**	**13 336**	**20 649**	**7 780**	**1 889**
Professional, technical, and kindred workers	**37 782**	**18 251**	**17 569**	**1 094**	**5 575**	**10 900**	**1 851**	**111**
Accountants	2 622	2 141	377	182	80	115	94	10
Computer specialists	524	424	95	11	44	40	5	–
Librarians	788	183	594	–	137	457	7	4
Mathematical specialists	159	154	5	5	–	–	–	–
Life and physical scientists	206	50	152	42	79	31	4	–
Registered nurses, dietitians, and therapists	7 781	5 758	1 820	292	710	818	174	29
Dietitians	264	195	65	26	29	10	–	4
Registered nurses	7 047	5 316	1 568	232	616	720	138	25
Health technologists and technicians	1 493	1 126	357	71	240	46	5	5
Social scientists	200	87	97	16	56	25	9	7
Social and recreation workers	1 205	432	767	28	532	207	6	–
Teachers: College and university	1 524	237	1 287	11	1 164	112	–	–
Elementary and prekindergarten	8 522	1 746	6 703	96	842	5 765	73	–
Secondary	3 133	547	2 586	29	274	2 283	–	–
Other teachers	1 184	348	158	24	41	93	678	–
Engineering and science technicians	963	647	295	47	227	21	15	6
Technicians, except health, and engineering and science	184	58	126	50	5	71	–	–
Writers, artists, and entertainers	2 378	1 691	283	24	152	107	383	21
Actors and dancers	125	111	9	–	5	4	5	–
Authors, editors, and reporters	414	292	57	–	47	10	55	10
Other professional, technical, and kindred workers	4 916	2 622	1 867	166	992	709	398	29
Managers and administrators, except farm	**8 234**	**5 635**	**1 174**	**324**	**326**	**524**	**1 265**	**160**
Buyers, purchasing agents, and sales managers	1 053	880	122	62	46	14	41	10
Restaurant, cafeteria, and bar managers	667	386	63	3	16	44	213	5
School administrators	348	103	237	–	84	153	8	–
Other specified managers and administrators	2 605	1 889	542	216	84	242	137	37
Managers and administrators, n.e.c., salaried	2 587	2 377	210	43	96	71	–	–
Wholesale and retail trade	675	664	11	–	11	–	–	–
Managers and administrators, n.e.c., self-employed	974	–	–	–	–	–	866	108
Wholesale and retail trade	579	–	–	–	–	–	517	62
Sales workers	**16 503**	**14 967**	**282**	**123**	**107**	**52**	**1 008**	**246**
Demonstrators, hucksters, and peddlers	1 260	1 084	–	–	–	–	176	–
Insurance, real estate agents, and brokers	1 803	1 603	36	16	–	20	145	19
Sales clerks, retail trade	10 289	9 506	103	40	50	13	516	164
Salesmen, retail trade	464	396	–	–	–	–	55	13
Other sales workers	2 687	2 378	143	67	57	19	116	50
Clerical and kindred workers	**84 959**	**66 828**	**16 314**	**4 741**	**5 322**	**6 251**	**936**	**881**
Bank tellers	2 152	2 100	52	42	5	5	–	–
Bookkeepers	10 020	8 745	617	137	164	316	341	317
Cashiers	4 901	4 446	395	55	177	163	33	27
Counter clerks, except food	1 330	1 236	45	8	20	17	21	28
Enumerators and interviewers	271	167	82	53	4	25	22	–
File clerks	2 642	2 247	383	113	134	136	6	6
Office machine operators	3 659	3 121	517	142	154	221	5	16
Bookkeeping and billing machine operators	640	569	66	5	9	52	–	5
Keypunch operators	1 775	1 522	248	88	64	96	–	5
Payroll and timekeeping clerks	631	508	123	58	29	36	–	–
Receptionists	3 048	2 546	435	32	261	142	30	37
Secretaries	20 599	15 606	4 657	684	2 006	1 967	104	232
Stenographers	1 123	804	298	152	65	81	21	–
Telephone operators	2 796	2 515	270	80	87	103	11	–
Typists	6 304	4 473	1 704	583	551	570	92	35
Other clerical and kindred workers	25 483	18 314	6 736	2 602	1 665	2 469	250	183
Craftsmen and kindred workers	**3 909**	**3 358**	**314**	**81**	**88**	**145**	**197**	**40**
Foremen, n.e.c	584	531	44	13	10	21	9	–
Operatives, except transport	**13 445**	**12 519**	**448**	**100**	**168**	**180**	**390**	**88**
Assemblers	1 312	1 278	21	16	–	5	13	–
Bottling and canning operatives	70	70	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	541	535	–	–	–	–	6	–
Dressmakers and seamstresses, except factory	584	384	19	–	5	14	181	–
Laundry and drycleaning operatives, including ironers	1 573	1 381	114	22	39	53	56	22
Graders and sorters, manufacturing	37	37	–	–	–	–	–	–
Packers and wrappers, except produce	1 858	1 809	32	11	4	17	–	17
Sewers and stitchers	1 869	1 804	22	–	–	22	29	14
Textile operatives	54	54	–	–	–	–	–	–
Other specified operatives	2 475	2 298	80	32	11	37	66	31
Miscellaneous and not specified operatives	3 072	2 869	160	19	109	32	39	4
Manufacturing	2 456	2 399	32	14	10	8	21	4
Durable goods	1 408	1 357	26	8	10	8	21	4
Machinery, including electrical	167	164	3	–	–	3	–	–
Other durable goods	1 241	1 193	23	8	10	5	21	4
Nondurable goods, including not specified manufacturing	1 048	1 042	6	6	–	–	–	–
Food and kindred products	294	294	–	–	–	–	–	–
Apparel and other fabricated textile products	103	103	–	–	–	–	–	–
Nonmanufacturing industries	616	470	128	5	99	24	18	–
Transport equipment operatives	**1 094**	**518**	**556**	**23**	**133**	**400**	**15**	**5**
Laborers, except farm	**1 680**	**1 450**	**121**	**30**	**43**	**48**	**97**	**12**
Farmers and farm managers	**215**	**21**	–	–	–	–	**189**	**5**
Farm laborers and farm foremen	**512**	**418**	**10**	–	–	**10**	–	**84**
Paid farm laborers and farm foremen	428	418	10	–	–	10	–	–
Unpaid family workers	84	–	–	–	–	–	–	84
Service workers, except private household[1]	**34 372**	**28 169**	**4 159**	**446**	**1 574**	**2 139**	**1 791**	**253**
Cleaning service workers	3 404	2 857	439	79	128	232	76	32
Chambermaids and maids	806	764	33	5	5	23	–	9
Food service workers	15 158	12 764	1 930	165	786	979	356	108
Cooks, except private household	3 316	2 421	693	72	232	389	167	35
Waiters and food counter workers	8 718	8 244	324	37	189	98	86	64
Health service workers	6 609	5 706	773	123	285	365	101	29
Nursing aides, orderlies, and attendants	3 004	2 636	352	61	134	157	16	–
Practical nurses	1 547	1 240	213	29	62	122	85	9
Personal service workers	6 441	4 590	634	41	265	328	1 171	46
Hairdressers and cosmetologists	2 695	2 043	15	5	5	5	621	16
Private household workers	**4 929**	**4 884**	–	–	–	–	**41**	**4**
Private household workers, living in	478	478	–	–	–	–	–	–
Private household workers, living out	4 451	4 406	–	–	–	–	41	4

[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		
SEATTLE–EVERETT SMSA—Continued								
Negro								
Male, 16 years old and over	**8 372**	**5 700**	**2 330**	**1 072**	**431**	**827**	**337**	**5**
Professional, technical, and kindred workers	**905**	**464**	**395**	**116**	**150**	**129**	**46**	**-**
Accountants	44	10	34	34	-	-	-	-
Architects	14	6	5	5	-	-	3	-
Computer specialists	20	20	-	-	-	-	-	-
Engineers	124	97	27	8	4	15	-	-
Aeronautical and astronautical	25	25	-	-	-	-	-	-
Civil	14	-	14	5	4	5	-	-
Electrical and electronic	45	40	5	-	-	5	-	-
Mechanical	11	11	-	-	-	-	-	-
Other engineers	29	21	8	3	-	5	-	-
Lawyers and judges	15	5	3	-	3	-	7	-
Life and physical scientists	4	4	-	-	-	-	-	-
Chemists	4	4	-	-	-	-	-	-
Physicians, dentists, and related practitioners	24	7	-	-	-	-	17	-
Dentists	7	7	-	-	-	-	-	-
Pharmacists	-	-	-	-	-	-	-	-
Physicians, medical and osteopathic	17	-	-	-	-	-	17	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	18	4	14	6	8	-	-	-
Religious workers	20	20	-	-	-	-	-	-
Social scientists	24	11	13	5	3	5	-	-
Social and recreation workers	72	11	61	20	11	30	-	-
Teachers	94	4	90	-	51	39	-	-
College and university	51	-	51	-	42	9	-	-
Elementary and prekindergarten	5	-	5	-	-	5	-	-
Secondary	28	-	28	-	3	25	-	-
Engineering and science technicians	61	46	15	15	-	-	-	-
Draftsmen and surveyors	21	15	6	6	-	-	-	-
Electrical and electronic engineering technicians	9	6	3	3	-	-	-	-
Technicians, except health, and engineering and science	14	5	9	-	9	-	-	-
Airplane pilots	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	136	118	9	-	5	4	9	-
Other professional, technical, and kindred workers	221	96	115	23	56	36	10	-
Managers and administrators, except farm	**425**	**194**	**142**	**50**	**51**	**41**	**89**	**-**
Buyers, purchasing agents, and sales managers	32	27	-	-	-	-	5	-
School administrators	3	-	3	-	-	3	-	-
Specified managers and administrators, public administration	66	-	66	33	7	26	-	-
Other specified managers and administrators	110	65	30	11	15	4	15	-
Managers and administrators, n.e.c., salaried	145	102	43	6	29	8	-	-
Manufacturing	22	22	-	-	-	-	-	-
Wholesale and retail trade	45	45	-	-	-	-	-	-
Transportation, communications and other public utilities	-	-	-	-	-	-	-	-
All other industries	78	35	43	6	29	8	-	-
Managers and administrators, n.e.c., self-employed	69	-	-	-	-	-	69	-
Construction	5	-	-	-	-	-	5	-
Manufacturing	4	-	-	-	-	-	4	-
Wholesale and retail trade	12	-	-	-	-	-	12	-
All other industries	48	-	-	-	-	-	48	-
Sales workers	**228**	**178**	**8**	**-**	**5**	**3**	**42**	**-**
Insurance agents, brokers, and underwriters	33	33	-	-	-	-	-	-
Real estate agents and brokers	15	-	3	-	-	3	12	-
Sales representatives, manufacturing industries	16	16	-	-	-	-	-	-
Sales representatives, wholesale trade	26	26	-	-	-	-	-	-
Sales clerks, retail trade	82	76	-	-	-	-	6	-
Salesmen, retail trade	23	11	-	-	-	-	12	-
Salesmen of services and construction	17	-	5	-	5	-	12	-
Other sales workers	16	16	-	-	-	-	-	-
Clerical and kindred workers	**793**	**360**	**427**	**349**	**24**	**54**	**6**	**-**
Bank tellers and cashiers	18	18	-	-	-	-	-	-
Bookkeepers and billing clerks	19	19	-	-	-	-	-	-
Mail handlers and postal clerks	233	5	228	228	-	-	-	-
Other clerical and kindred workers	523	318	199	121	24	54	6	-
Craftsmen and kindred workers	**1 564**	**1 239**	**268**	**123**	**21**	**124**	**57**	**-**
Apparel craftsmen and upholsterers	-	-	-	-	-	-	-	-
Bakers	11	11	-	-	-	-	-	-
Cabinetmakers	4	4	-	-	-	-	-	-
Construction craftsmen	452	323	104	47	5	52	25	-
Carpenters	67	59	3	-	-	3	5	-
Excavating, grading, and road machine operators	17	4	8	-	-	8	5	-
Electricians	54	36	18	13	5	-	-	-
Masons and tile setters	24	24	-	-	-	-	-	-
Painters, construction and maintenance, and paperhangers	85	55	25	19	-	6	5	-
Plasterers and cement finishers	90	66	24	-	-	24	-	-
Plumbers and pipe fitters	115	79	26	15	-	11	10	-
Other construction craftsmen	-	-	-	-	-	-	-	-
Foremen, n.e.c.	119	85	34	10	5	19	-	-
Manufacturing	39	39	-	-	-	-	-	-
Nonmanufacturing industries	80	46	34	10	5	19	-	-
Linemen and servicemen, telephone and power	31	26	5	-	-	5	-	-
Locomotive engineers and firemen	11	11	-	-	-	-	-	-
Mechanics and repairmen	423	364	27	6	-	21	32	-
Air conditioning, heating, and refrigeration	5	5	-	-	-	-	-	-
Aircraft	221	221	-	-	-	-	-	-
Automobile, including body	92	62	4	-	-	4	26	-
Radio and television	12	6	-	-	-	-	6	-
Other mechanics and repairmen	93	70	23	6	-	17	-	-
Metal craftsmen, except mechanics	192	170	22	22	-	-	-	-
Machinists and job and die setters	59	50	9	9	-	-	-	-
Sheetmetal workers and tinsmiths	51	45	6	6	-	-	-	-
Tool and die makers	36	36	-	-	-	-	-	-
Other metal craftsmen	46	39	7	7	-	-	-	-
Printing craftsmen	21	15	6	6	-	-	-	-
Compositors and typesetters	15	9	6	6	-	-	-	-
Pressmen and plate printers, printing	6	6	-	-	-	-	-	-
Stationary engineers and power station operators	11	-	11	-	-	11	-	-
Other craftsmen and kindred workers	289	230	59	32	11	16	-	-

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		
SEATTLE–EVERETT SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**1 372**	**1 232**	**115**	**85**	**13**	**17**	**20**	**5**
Assemblers	72	66	6	6	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	31	26	5	5	-	-	-	-
Garage workers and gas station attendants	59	43	11	11	-	-	-	5
Laundry and drycleaning operatives, n.e.c	43	37	6	6	-	-	-	-
Meat cutters and butchers	21	21	-	-	-	-	-	-
Mine operatives, n.e.c	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	57	48	9	9	-	-	-	-
Painters, manufactured articles	62	49	5	5	-	-	8	-
Precision machine operatives	31	26	5	5	-	-	-	-
Sawyers	7	7	-	-	-	-	-	-
Stationary firemen	3	3	-	-	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Welders and flamecutters	167	148	19	15	4	-	-	-
Other metalworking operatives	177	177	-	-	-	-	-	-
Other specified operatives	260	246	7	3	-	4	7	-
Miscellaneous and not specified operatives	382	335	42	20	9	13	5	-
Occupation:								
Machine operatives, miscellaneous specified	168	155	13	13	-	-	-	-
Machine operatives, not specified	83	63	20	7	9	4	-	-
Miscellaneous operatives	100	86	9	-	-	9	5	-
Not specified operatives	31	31	-	-	-	-	-	-
Industry:								
Manufacturing	274	267	7	7	-	-	-	-
Durable goods	223	216	7	7	-	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-
Primary metal industries	42	42	-	-	-	-	-	-
Fabricated metal industries	27	27	-	-	-	-	-	-
Machinery, including electrical	18	18	-	-	-	-	-	-
Motor vehicles and equipment	-	-	-	-	-	-	-	-
Transportation equipment, except motor vehicles	130	123	7	7	-	-	-	-
Other durable goods	6	6	-	-	-	-	-	-
Nondurable goods	51	51	-	-	-	-	-	-
Food and kindred products	19	19	-	-	-	-	-	-
Apparel and other fabricated textile products	5	5	-	-	-	-	-	-
Paper and allied products	16	16	-	-	-	-	-	-
Chemicals and allied products	-	-	-	-	-	-	-	-
Other nondurable goods	11	11	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	108	68	35	13	9	13	5	-
Transportation, communications, and other public utilities	34	20	9	-	-	9	5	-
Wholesale and retail trade	42	38	4	-	-	4	-	-
All other industries	32	10	22	13	9	-	-	-
Transport equipment operatives	**413**	**277**	**130**	**68**	**11**	**51**	**6**	**-**
Bus drivers	11	-	11	5	-	6	-	-
Taxicab drivers and chauffeurs	20	9	11	11	-	-	-	-
Truck drivers and deliverymen	233	165	62	19	4	39	6	-
Other transport equipment operatives	149	103	46	33	7	6	-	-
Laborers, except farm	**961**	**740**	**214**	**101**	**7**	**106**	**7**	**-**
Construction laborers	177	140	37	11	-	26	-	-
Freight, stock, and material handlers	263	171	92	63	7	22	-	-
Other specified laborers	275	222	46	19	-	27	7	-
Miscellaneous and not specified laborers	246	207	39	8	-	31	-	-
Occupation:								
Miscellaneous laborers	127	102	25	3	-	22	-	-
Not specified laborers	119	105	14	5	-	9	-	-
Industry:								
Manufacturing	169	153	16	8	-	8	-	-
Durable goods	156	140	16	8	-	8	-	-
Wood products, including furniture	5	5	-	-	-	-	-	-
Metal industries	49	46	3	3	-	-	-	-
Machinery, including electrical	10	6	4	-	-	4	-	-
Transportation equipment	87	78	9	5	-	4	-	-
Other durable goods	5	5	-	-	-	-	-	-
Nondurable goods	13	13	-	-	-	-	-	-
Food and kindred products	-	-	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	77	54	23	-	-	23	-	-
Railroads and railway express service	17	17	-	-	-	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	23	5	18	-	-	18	-	-
Wholesale and retail trade	23	23	-	-	-	-	-	-
All other industries	14	9	5	-	-	5	-	-
Farmers and farm managers	**26**	**4**	**-**	**-**	**-**	**-**	**22**	**-**
Farm laborers and farm foremen	**31**	**31**	**-**	**-**	**-**	**-**	**-**	**-**
Paid farm laborers and farm foremen	31	31	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**1 635**	**962**	**631**	**180**	**149**	**302**	**42**	**-**
Cleaning service workers	748	423	305	65	99	141	20	-
Food service workers	323	262	55	36	4	15	6	-
Cooks, except private household	125	88	37	22	-	15	-	-
Busboys and dishwashers	58	50	8	8	-	-	-	-
Health service workers	33	22	11	8	3	-	-	-
Personal service workers	149	73	67	24	10	33	9	-
Protective service workers	153	17	136	17	28	91	-	-
Firemen, fire protection	33	6	27	-	-	27	-	-
Guards and watchmen	61	8	53	17	17	19	-	-
Policemen and detectives	54	3	51	-	11	40	-	-
Private household workers	**19**	**19**	**-**	**-**	**-**	**-**	**-**	**-**

[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		
SEATTLE–EVERETT SMSA—Continued								
Negro—Continued								
Female, 16 years old and over	6 476	4 428	1 860	600	635	625	179	9
Professional, technical, and kindred workers	895	351	544	122	206	216	-	-
Accountants	29	8	21	21	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-
Librarians	14	-	14	-	-	14	-	-
Mathematical specialists	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	220	145	75	29	31	15	-	-
Dietitians	18	13	5	5	-	-	-	-
Registered nurses	187	122	65	24	26	15	-	-
Health technologists and technicians	51	16	35	7	19	9	-	-
Social scientists	-	-	-	-	-	-	-	-
Social and recreation workers	100	22	78	12	38	28	-	-
Teachers: College and university	33	-	33	5	25	3	-	-
Elementary and prekindergarten	137	27	110	9	16	85	-	-
Secondary	50	11	39	-	11	28	-	-
Other teachers	12	7	5	5	-	-	-	-
Engineering and science technicians	26	4	22	17	5	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	25	25	-	-	-	-	-	-
Actors and dancers	10	10	-	-	-	-	-	-
Authors, editors, and reporters	-	-	-	-	-	-	-	-
Other professional, technical, and kindred workers	198	86	112	17	61	34	-	-
Managers and administrators, except farm	144	59	54	14	12	28	31	-
Buyers, purchasing agents, and sales managers	26	20	6	6	-	-	-	-
Restaurant, cafeteria, and bar managers	18	8	-	-	-	-	10	-
School administrators	31	5	26	-	12	14	-	-
Other specified managers and administrators	21	8	13	8	-	5	-	-
Managers and administrators, n.e.c., salaried	27	18	9	-	-	9	-	-
Wholesale and retail trade	10	10	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	21	-	-	-	-	-	21	-
Wholesale and retail trade	2	-	-	-	-	-	2	-
Sales workers	207	177	30	4	20	6	-	-
Demonstrators, hucksters, and peddlers	7	7	-	-	-	-	-	-
Insurance, real estate agents, and brokers	-	-	-	-	-	-	-	-
Sales clerks, retail trade	133	127	6	-	-	6	-	-
Salesmen, retail trade	-	-	-	-	-	-	-	-
Other sales workers	67	43	24	4	20	-	-	-
Clerical and kindred workers	1 779	1 029	733	324	206	203	12	5
Bank tellers	50	50	-	-	-	-	-	-
Bookkeepers	63	56	7	7	-	-	-	-
Cashiers	57	49	8	-	3	5	-	-
Counter clerks, except food	16	11	-	-	-	-	-	5
Enumerators and interviewers	19	4	15	-	-	15	-	-
File clerks	117	77	40	15	9	16	-	-
Office machine operators	109	85	24	5	19	-	-	-
Bookkeeping and billing machine operators	31	31	-	-	-	-	-	-
Keypunch operators	49	35	14	5	9	-	-	-
Payroll and timekeeping clerks	-	-	-	-	-	-	-	-
Receptionists	66	30	36	4	15	17	-	-
Secretaries	220	138	77	21	39	17	5	-
Stenographers	4	4	-	-	-	-	-	-
Telephone operators	137	125	12	-	7	5	-	-
Typists	204	92	112	48	21	43	-	-
Other clerical and kindred workers	717	308	402	224	93	85	7	-
Craftsmen and kindred workers	136	110	26	14	6	6	-	-
Foremen, n.e.c.	12	9	3	3	-	-	-	-
Operatives, except transport	766	696	61	34	10	17	5	4
Assemblers	43	38	5	-	-	5	-	-
Bottling and canning operatives	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	15	15	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	9	4	-	-	-	-	5	-
Laundry and drycleaning operatives, including ironers	203	177	22	18	4	-	-	4
Graders and sorters, manufacturing	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	30	30	-	-	-	-	-	-
Sewers and stitchers	70	70	-	-	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Other specified operatives	233	199	34	16	6	12	-	-
Miscellaneous and not specified operatives	163	163	-	-	-	-	-	-
Manufacturing	146	146	-	-	-	-	-	-
Durable goods	103	103	-	-	-	-	-	-
Machinery, including electrical	20	20	-	-	-	-	-	-
Other durable goods	83	83	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	43	43	-	-	-	-	-	-
Food and kindred products	-	-	-	-	-	-	-	-
Apparel and other fabricated textile products	16	16	-	-	-	-	-	-
Nonmanufacturing industries	17	17	-	-	-	-	-	-
Transport equipment operatives	15	9	6	6	-	-	-	-
Laborers, except farm	113	107	6	5	1	-	-	-
Farmers and farm managers	10	-	-	-	-	-	10	-
Farm laborers and farm foremen	10	10	-	-	-	-	-	-
Paid farm laborers and farm foremen	10	10	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	1 897	1 376	400	77	174	149	121	-
Cleaning service workers	476	399	72	10	34	28	5	-
Chambermaids and maids	123	123	-	-	-	-	-	-
Food service workers	314	215	83	13	44	26	16	-
Cooks, except private household	140	93	36	7	14	15	11	-
Waiters and food counter workers	123	95	23	6	11	6	5	-
Health service workers	558	434	117	39	24	54	7	-
Nursing aides, orderlies, and attendants	236	193	43	16	6	21	-	-
Practical nurses	228	172	49	16	13	20	7	-
Personal service workers	324	150	97	6	58	33	77	-
Hairdressers and cosmetologists	85	40	-	-	-	-	45	-
Private household workers	504	504	-	-	-	-	-	-
Private household workers, living in	3	3	-	-	-	-	-	-
Private household workers, living out	501	501	-	-	-	-	-	-

[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		
SPOKANE SMSA								
Total								
Male, 16 years old and over	**61 440**	**46 187**	**9 216**	**2 975**	**2 791**	**3 450**	**5 953**	**84**
Professional, technical, and kindred workers	**8 688**	**4 382**	**3 150**	**677**	**1 360**	**1 113**	**1 156**	**-**
Accountants	653	446	119	31	48	40	88	-
Architects	66	36	5	-	-	5	25	-
Computer specialists	147	124	23	-	4	19	-	-
Engineers	894	548	314	145	96	73	32	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-
Civil	243	73	153	44	82	27	17	-
Electrical and electronic	195	169	21	13	-	8	5	-
Mechanical	115	89	26	6	7	13	-	-
Other engineers	341	217	114	82	7	25	10	-
Lawyers and judges	306	70	75	23	27	25	161	-
Life and physical scientists	159	106	48	44	-	4	5	-
Chemists	78	69	9	5	-	4	-	-
Physicians, dentists, and related practitioners	977	366	57	10	43	4	554	-
Dentists	205	31	7	-	7	-	167	-
Pharmacists	192	132	6	6	-	-	54	-
Physicians, medical and osteopathic	484	173	40	-	36	4	271	-
Other related practitioners	96	30	4	4	-	-	62	-
Health technologists and technicians	112	88	15	-	15	-	9	-
Religious workers	366	324	-	-	-	-	42	-
Social scientists	63	19	44	17	22	5	-	-
Social and recreation workers	200	45	148	27	97	24	7	-
Teachers	1 924	484	1 406	28	708	670	34	-
College and university	798	288	510	18	473	19	-	-
Elementary and prekindergarten	395	55	340	-	96	244	-	-
Secondary	636	90	546	10	129	407	-	-
Engineering and science technicians	701	512	162	74	58	30	27	-
Draftsmen and surveyors	403	312	64	16	31	17	27	-
Electrical and electronic engineering technicians	133	86	47	33	5	9	-	-
Technicians, except health, and engineering and science	256	78	172	115	38	19	6	-
Airplane pilots	67	48	19	14	5	-	-	-
Writers, artists, and entertainers	693	513	76	26	28	22	104	-
Other professional, technical, and kindred workers	1 171	623	486	137	176	173	62	-
Managers and administrators, except farm	**8 414**	**6 055**	**865**	**325**	**269**	**271**	**1 475**	**19**
Buyers, purchasing agents, and sales managers	1 126	1 040	46	10	22	14	36	4
School administrators	224	50	174	4	80	90	-	-
Specified managers and administrators, public administration	437	-	437	229	84	124	-	-
Other specified managers and administrators	1 568	1 236	76	33	23	20	256	-
Managers and administrators, n.e.c., salaried	3 861	3 729	132	49	60	23	-	-
Manufacturing	573	573	-	-	-	-	-	-
Wholesale and retail trade	1 637	1 632	5	-	5	-	-	-
Transportation, communications and other public utilities	344	313	31	22	-	9	-	-
All other industries	1 307	1 211	96	27	55	14	-	-
Managers and administrators, n.e.c., self-employed	1 198	-	-	-	-	-	1 183	15
Construction	263	-	-	-	-	-	263	-
Manufacturing	79	-	-	-	-	-	79	-
Wholesale and retail trade	582	-	-	-	-	-	582	-
All other industries	274	-	-	-	-	-	259	15
Sales workers	**6 081**	**5 469**	**73**	**16**	**42**	**15**	**539**	**-**
Insurance agents, brokers, and underwriters	677	612	6	6	-	-	59	-
Real estate agents and brokers	471	387	5	5	-	-	79	-
Sales representatives, manufacturing industries	459	428	-	-	-	-	31	-
Sales representatives, wholesale trade	1 535	1 407	-	-	-	-	128	-
Sales clerks, retail trade	1 240	1 125	14	5	9	-	101	-
Salesmen, retail trade	600	538	-	-	-	-	62	-
Salesmen of services and construction	378	336	42	-	27	15	-	-
Other sales workers	721	636	6	-	6	-	79	-
Clerical and kindred workers	**4 531**	**3 083**	**1 353**	**1 049**	**162**	**142**	**95**	**-**
Bank tellers and cashiers	307	272	35	-	30	5	-	-
Bookkeepers and billing clerks	265	228	11	11	-	-	26	-
Mail handlers and postal clerks	931	85	842	837	5	-	4	-
Other clerical and kindred workers	3 028	2 498	465	201	127	137	65	-
Craftsmen and kindred workers	**12 425**	**10 378**	**1 072**	**500**	**184**	**388**	**963**	**12**
Apparel craftsmen and upholsterers	137	109	-	-	-	-	28	-
Bakers	141	136	-	-	-	-	5	-
Cabinetmakers	121	93	4	-	4	-	24	-
Construction craftsmen	3 141	2 438	356	123	68	165	340	7
Carpenters	984	796	71	19	26	26	117	-
Excavating, grading, and road machine operators	344	210	87	10	17	60	40	7
Electricians	559	449	93	55	-	38	17	-
Masons and tile setters	190	167	-	-	-	-	23	-
Painters, construction and maintenance, and paperhangers	376	238	35	16	9	10	103	-
Plasterers and cement finishers	89	72	-	-	-	-	17	-
Plumbers and pipe fitters	383	303	70	23	16	31	10	-
Other construction craftsmen	216	203	-	-	-	-	13	-
Foremen, n.e.c	1 550	1 426	109	35	9	65	15	-
Manufacturing	695	685	-	-	-	-	10	-
Nonmanufacturing industries	855	741	109	35	9	65	5	-
Linemen and servicemen, telephone and power	543	522	21	15	-	6	-	-
Locomotive engineers and firemen	319	319	-	-	-	-	-	-
Mechanics and repairmen	3 239	2 624	351	231	39	81	259	5
Air conditioning, heating, and refrigeration	143	115	9	9	-	-	19	-
Aircraft	148	39	109	98	11	-	-	-
Automobile, including body	1 256	1 041	53	29	6	18	157	5
Radio and television	242	170	41	37	-	4	31	-
Other mechanics and repairmen	1 450	1 259	139	58	22	59	52	-
Metal craftsmen, except mechanics	835	806	29	17	-	12	-	-
Machinists and job and die setters	337	324	13	13	-	-	-	-
Sheetmetal workers and tinsmiths	231	221	10	4	-	6	-	-
Tool and die makers	40	40	-	-	-	-	-	-
Other metal craftsmen	227	221	6	-	-	6	-	-
Printing craftsmen	283	255	10	-	10	-	18	-
Compositors and typesetters	129	111	-	-	-	-	18	-
Pressmen and plate printers, printing	98	93	5	-	5	-	-	-
Stationary engineers and power station operators	189	126	63	28	8	27	-	-
Other craftsmen and kindred workers	1 927	1 524	129	51	46	32	274	-

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 ≥50,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
SPOKANE SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	5 968	5 595	152	39	63	50	217	4
Assemblers	222	222	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	78	78	–	–	–	–	–	–
Garage workers and gas station attendants	646	591	5	5	–	–	50	–
Laundry and drycleaning operatives, n.e.c	115	81	13	–	13	–	21	–
Meat cutters and butchers	379	361	–	–	–	–	14	4
Mine operatives, n.e.c	52	46	6	6	–	–	–	–
Packers and wrappers, except produce	180	180	–	–	–	–	–	–
Painters, manufactured articles	99	87	–	–	–	–	12	–
Precision machine operatives	113	113	–	–	–	–	–	–
Sawyers	208	208	–	–	–	–	–	–
Stationary firemen	124	103	21	5	4	12	–	–
Textile operatives	4	4	–	–	–	–	–	–
Welders and flamecutters	628	589	26	8	5	13	13	–
Other metalworking operatives	336	330	–	–	–	–	6	–
Other specified operatives	975	870	21	–	15	6	84	–
Miscellaneous and not specified operatives	1 809	1 732	60	15	26	19	17	–
Occupation:								
Machine operatives, miscellaneous specified	876	870	3	3	–	–	3	–
Machine operatives, not specified	263	249	14	–	5	9	–	–
Miscellaneous operatives	424	378	39	8	21	10	7	–
Not specified operatives	246	235	4	4	–	–	7	–
Industry:								
Manufacturing	1 284	1 277	–	–	–	–	7	–
Durable goods	961	954	–	–	–	–	7	–
Wood products, including furniture	88	88	–	–	–	–	–	–
Primary metal industries	561	561	–	–	–	–	–	–
Fabricated metal industries	40	33	–	–	–	–	7	–
Machinery, including electrical	138	138	–	–	–	–	–	–
Motor vehicles and equipment	14	14	–	–	–	–	–	–
Transportation equipment, except motor vehicles	50	50	–	–	–	–	–	–
Other durable goods	70	70	–	–	–	–	–	–
Nondurable goods	306	306	–	–	–	–	–	–
Food and kindred products	120	120	–	–	–	–	–	–
Apparel and other fabricated textile products	5	5	–	–	–	–	–	–
Paper and allied products	129	129	–	–	–	–	–	–
Chemicals and allied products	5	5	–	–	–	–	–	–
Other nondurable goods	47	47	–	–	–	–	–	–
Not specified manufacturing industries	17	17	–	–	–	–	–	–
Nonmanufacturing industries	525	455	60	15	26	19	10	–
Transportation, communications, and other public utilities	138	123	15	–	–	15	–	–
Wholesale and retail trade	191	184	–	–	–	–	7	–
All other industries	196	148	45	15	26	4	3	–
Transport equipment operatives	4 064	3 694	275	39	40	196	83	12
Bus drivers	229	110	115	14	14	87	4	–
Taxicab drivers and chauffeurs	134	124	5	5	–	–	5	–
Truck drivers and deliverymen	2 821	2 610	141	15	17	109	58	12
Other transport equipment operatives	880	850	14	5	9	–	16	–
Laborers, except farm	3 744	3 223	392	111	81	200	131	–
Construction laborers	551	482	69	5	15	49	–	–
Freight, stock, and material handlers	1 649	1 461	167	80	5	82	21	–
Other specified laborers	796	583	118	26	51	41	95	–
Miscellaneous and not specified laborers	750	697	38	–	10	28	15	–
Occupation:								
Miscellaneous laborers	257	214	28	–	10	18	15	–
Not specified laborers	493	483	10	–	–	10	–	–
Industry:								
Manufacturing	297	297	–	–	–	–	–	–
Durable goods	247	247	–	–	–	–	–	–
Wood products, including furniture	67	67	–	–	–	–	–	–
Metal industries	137	137	–	–	–	–	–	–
Machinery, including electrical	5	5	–	–	–	–	–	–
Transportation equipment	13	13	–	–	–	–	–	–
Other durable goods	25	25	–	–	–	–	–	–
Nondurable goods	50	50	–	–	–	–	–	–
Food and kindred products	23	23	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	453	400	38	–	10	28	15	–
Railroads and railway express service	144	144	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	37	14	23	–	–	23	–	–
Wholesale and retail trade	127	118	–	–	–	–	9	–
All other industries	145	124	15	–	10	5	6	–
Farmers and farm managers	1 096	103	–	–	–	–	993	–
Farm laborers and farm foremen	652	602	21	3	12	6	8	21
Paid farm laborers and farm foremen	631	602	21	3	12	6	8	–
Unpaid family workers	21	–	–	–	–	–	–	21
Service workers, except private household[1]	5 759	3 587	1 863	216	578	1 069	293	16
Cleaning service workers	2 193	1 573	587	75	227	285	23	10
Food service workers	1 430	1 212	122	56	62	4	90	6
Cooks, except private household	398	336	53	24	29	–	9	–
Busboys and dishwashers	467	436	31	–	27	4	–	–
Health service workers	333	104	226	29	192	5	3	–
Personal service workers	538	298	74	–	29	45	166	–
Protective service workers	983	183	800	52	51	697	–	–
Firemen, fire protection	384	4	380	–	5	375	–	–
Guards and watchmen	213	169	44	15	11	18	–	–
Policemen and detectives	346	7	339	31	35	273	–	–
Private household workers	16	16	–	–	–	–	–	–

[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		
SPOKANE SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**38 451**	**29 575**	**6 904**	**1 176**	**2 829**	**2 899**	**1 542**	**430**
Professional, technical, and kindred workers	**6 751**	**3 515**	**2 867**	**168**	**1 098**	**1 601**	**340**	**29**
Accountants	362	297	48	–	33	15	11	6
Computer specialists	26	21	5	–	–	5	–	–
Librarians	149	52	92	–	39	53	–	5
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	35	35	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 663	1 343	300	88	126	86	16	4
Dietitians	43	38	5	–	5	–	–	–
Registered nurses	1 541	1 265	256	83	101	72	16	4
Health technologists and technicians	340	298	38	6	20	12	–	4
Social scientists	20	–	20	–	10	10	–	–
Social and recreation workers	252	55	193	16	151	26	4	–
Teachers: College and university	306	131	175	5	149	21	–	–
Elementary and prekindergarten	1 657	363	1 275	5	296	974	19	–
Secondary	528	137	391	–	92	299	–	–
Other teachers	292	96	28	12	12	4	163	5
Engineering and science technicians	59	38	21	7	–	14	–	–
Technicians, except health, and engineering and science	6	6	–	–	–	–	–	–
Writers, artists, and entertainers	258	173	14	–	9	5	71	–
Actors and dancers	4	4	–	–	–	–	–	–
Authors, editors, and reporters	26	16	–	–	–	–	10	–
Other professional, technical, and kindred workers	798	470	267	29	161	77	56	5
Managers and administrators, except farm	**1 646**	**1 207**	**181**	**56**	**49**	**76**	**218**	**40**
Buyers, purchasing agents, and sales managers	236	215	16	4	–	12	5	–
Restaurant, cafeteria, and bar managers	157	76	21	–	11	10	48	12
School administrators	54	17	37	–	10	27	–	–
Other specified managers and administrators	458	349	88	48	18	22	16	5
Managers and administrators, n.e.c., salaried	569	550	19	4	10	5	–	–
Wholesale and retail trade	222	218	4	4	–	–	–	–
Managers and administrators, n.e.c., self-employed	172	–	–	–	–	–	149	23
Wholesale and retail trade	84	–	–	–	–	–	74	10
Sales workers	**3 060**	**2 811**	**39**	**21**	**12**	**6**	**161**	**49**
Demonstrators, hucksters, and peddlers	386	349	–	–	–	–	37	–
Insurance, real estate agents, and brokers	168	152	–	–	–	–	16	–
Sales clerks, retail trade	1 950	1 838	23	17	–	6	50	39
Salesmen, retail trade	72	54	–	–	–	–	12	6
Other sales workers	484	418	16	4	12	–	46	4
Clerical and kindred workers	**13 357**	**10 526**	**2 393**	**776**	**811**	**806**	**215**	**223**
Bank tellers	415	403	6	6	–	–	6	–
Bookkeepers	1 954	1 689	96	6	41	49	66	103
Cashiers	1 039	953	71	30	28	13	5	10
Counter clerks, except food	203	186	10	5	–	5	–	7
Enumerators and interviewers	119	10	104	104	–	–	5	–
File clerks	261	208	53	22	14	17	–	–
Office machine operators	468	416	52	10	29	13	–	–
Bookkeeping and billing machine operators	68	64	4	4	–	–	–	–
Keypunch operators	232	207	25	–	17	8	–	–
Payroll and timekeeping clerks	44	39	5	–	–	5	–	–
Receptionists	556	505	33	–	20	13	10	8
Secretaries	3 548	2 660	830	172	363	295	47	11
Stenographers	240	164	71	53	10	8	5	–
Telephone operators	472	407	65	19	19	27	–	–
Typists	759	465	274	70	130	74	15	5
Other clerical and kindred workers	3 279	2 421	723	279	157	287	56	79
Craftsmen and kindred workers	**563**	**443**	**49**	**–**	**32**	**17**	**55**	**16**
Foremen, n.e.c.	111	88	23	–	23	–	–	–
Operatives, except transport	**1 862**	**1 678**	**65**	**36**	**25**	**4**	**109**	**10**
Assemblers	148	148	–	–	–	–	–	–
Bottling and canning operatives	5	5	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	37	37	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	206	127	–	–	–	–	79	–
Laundry and drycleaning operatives, including ironers	383	322	45	20	21	4	6	10
Graders and sorters, manufacturing	6	6	–	–	–	–	–	–
Packers and wrappers, except produce	273	273	–	–	–	–	–	–
Sewers and stitchers	167	159	4	–	4	–	4	–
Textile operatives	–	–	–	–	–	–	–	–
Other specified operatives	375	346	16	16	–	–	13	–
Miscellaneous and not specified operatives	262	255	–	–	–	–	7	–
Manufacturing	129	129	–	–	–	–	–	–
Durable goods	51	51	–	–	–	–	–	–
Machinery, including electrical	14	14	–	–	–	–	–	–
Other durable goods	37	37	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	78	78	–	–	–	–	–	–
Food and kindred products	28	28	–	–	–	–	–	–
Apparel and other fabricated textile products	6	6	–	–	–	–	–	–
Nonmanufacturing industries	133	126	–	–	–	–	7	–
Transport equipment operatives	**126**	**102**	**20**	**–**	**–**	**20**	**–**	**4**
Laborers, except farm	**256**	**209**	**13**	**4**	**9**	**–**	**24**	**10**
Farmers and farm managers	**21**	**4**	**–**	**–**	**–**	**–**	**17**	**–**
Farm laborers and farm foremen	**156**	**140**	**–**	**–**	**–**	**–**	**–**	**16**
Paid farm laborers and farm foremen	140	140	–	–	–	–	–	–
Unpaid family workers	16	–	–	–	–	–	–	16
Service workers, except private household[1]	**8 963**	**7 250**	**1 277**	**115**	**793**	**369**	**403**	**33**
Cleaning service workers	961	819	115	25	66	24	17	10
Chambermaids and maids	289	275	10	5	5	–	4	–
Food service workers	3 613	3 085	444	38	193	213	64	20
Cooks, except private household	954	666	257	23	91	143	31	–
Waiters and food counter workers	2 030	1 907	102	15	60	27	5	16
Health service workers	2 462	2 036	383	44	334	5	43	–
Nursing aides, orderlies, and attendants	1 509	1 161	331	34	292	5	17	–
Practical nurses	455	383	46	4	42	–	26	–
Personal service workers	1 303	823	240	4	155	81	237	3
Hairdressers and cosmetologists	619	457	5	–	5	–	154	3
Private household workers	**1 690**	**1 690**	**–**	**–**	**–**	**–**	**–**	**–**
Private household workers, living in	75	75	–	–	–	–	–	–
Private household workers, living out	1 615	1 615	–	–	–	–	–	–

[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		
TACOMA SMSA								
Total								
Male, 16 years old and over	77 871	55 595	15 647	6 665	2 762	6 220	6 529	100
Professional, technical, and kindred workers	10 337	4 842	4 257	952	1 176	2 129	1 238	-
Accountants	760	478	188	91	52	45	94	-
Architects	90	43	11	11	-	-	36	-
Computer specialists	282	230	52	23	23	6	-	-
Engineers	1 271	844	406	152	105	149	21	-
Aeronautical and astronautical	96	84	12	12	-	-	-	-
Civil	300	79	210	56	83	71	11	-
Electrical and electronic	207	154	53	22	-	31	-	-
Mechanical	233	182	41	26	10	5	10	-
Other engineers	435	345	90	36	12	42	-	-
Lawyers and judges	391	72	63	-	25	38	256	-
Life and physical scientists	164	76	84	44	35	5	4	-
Chemists	70	53	17	6	11	-	-	-
Physicians, dentists, and related practitioners	868	203	77	51	21	5	588	-
Dentists	152	5	5	-	5	-	142	-
Pharmacists	171	133	4	-	4	-	34	-
Physicians, medical and osteopathic	430	56	59	42	12	5	315	-
Other related practitioners	115	9	9	9	-	-	97	-
Health technologists and technicians	80	55	16	11	5	-	9	-
Religious workers	357	336	-	-	-	-	21	-
Social scientists	119	54	59	10	29	20	6	-
Social and recreation workers	364	98	266	45	203	18	-	-
Teachers	2 264	472	1 772	35	270	1 467	20	-
College and university	337	239	98	-	77	21	-	-
Elementary and prekindergarten	617	60	557	-	68	489	-	-
Secondary	1 174	133	1 041	15	111	915	-	-
Engineering and science technicians	910	631	264	91	78	95	15	-
Draftsmen and surveyors	418	293	110	8	36	66	15	-
Electrical and electronic engineering technicians	169	102	67	57	6	4	-	-
Technicians, except health, and engineering and science	320	186	134	106	6	22	-	-
Airplane pilots	106	106	-	-	-	-	-	-
Writers, artists, and entertainers	575	374	86	31	22	33	115	-
Other professional, technical, and kindred workers	1 522	690	779	251	302	226	53	-
Managers and administrators, except farm	9 255	6 290	1 381	504	302	575	1 578	6
Buyers, purchasing agents, and sales managers	1 206	1 070	83	56	15	12	53	-
School administrators	339	49	286	-	47	239	4	-
Specified managers and administrators, public administration	647	-	647	355	150	142	-	-
Other specified managers and administrators	1 968	1 585	145	62	29	54	238	-
Managers and administrators, n.e.c., salaried	3 806	3 586	220	31	61	128	-	-
Manufacturing	925	919	6	-	6	-	-	-
Wholesale and retail trade	1 172	1 144	28	18	10	-	-	-
Transportation, communications and other public utilities	347	287	60	-	-	60	-	-
All other industries	1 362	1 236	126	13	45	68	-	-
Managers and administrators, n.e.c., self-employed	1 289	-	-	-	-	-	1 283	6
Construction	301	-	-	-	-	-	301	-
Manufacturing	91	-	-	-	-	-	91	-
Wholesale and retail trade	687	-	-	-	-	-	681	6
All other industries	210	-	-	-	-	-	210	-
Sales workers	5 651	4 835	75	37	22	16	731	10
Insurance agents, brokers, and underwriters	594	475	-	-	-	-	119	-
Real estate agents and brokers	641	483	-	-	-	-	158	-
Sales representatives, manufacturing industries	372	366	-	-	-	-	6	-
Sales representatives, wholesale trade	968	884	-	-	-	-	84	-
Sales clerks, retail trade	1 272	1 085	36	19	17	-	146	5
Salesmen, retail trade	820	734	-	-	-	-	86	-
Salesmen of services and construction	280	239	16	4	-	12	25	-
Other sales workers	704	569	23	14	5	4	107	5
Clerical and kindred workers	5 454	3 542	1 853	1 440	167	246	56	3
Bank tellers and cashiers	279	274	5	-	5	-	-	-
Bookkeepers and billing clerks	236	163	60	29	10	21	13	-
Mail handlers and postal clerks	861	66	795	790	5	-	-	-
Other clerical and kindred workers	4 078	3 039	993	621	147	225	43	3
Craftsmen and kindred workers	18 786	14 702	2 682	1 724	224	734	1 377	25
Apparel craftsmen and upholsterers	142	87	9	9	-	-	46	-
Bakers	108	84	13	4	6	3	11	-
Cabinetmakers	227	183	-	-	-	-	44	-
Construction craftsmen	5 500	4 216	699	370	101	228	570	15
Carpenters	1 988	1 557	144	81	20	43	272	15
Excavating, grading, and road machine operators	637	445	134	20	16	98	58	-
Electricians	927	715	172	112	15	45	40	-
Masons and tile setters	177	144	4	-	-	4	29	-
Painters, construction and maintenance, and paperhangers	612	418	105	40	44	21	89	-
Plasterers and cement finishers	148	128	4	4	-	-	16	-
Plumbers and pipe fitters	654	494	120	113	-	7	40	-
Other construction craftsmen	357	315	16	-	6	10	26	-
Foremen, n.e.c.	1 767	1 509	220	161	4	55	38	-
Manufacturing	814	775	32	27	-	5	7	-
Nonmanufacturing industries	953	734	188	134	4	50	31	-
Linemen and servicemen, telephone and power	850	755	95	25	-	70	-	-
Locomotive engineers and firemen	121	121	-	-	-	-	-	-
Mechanics and repairmen	4 788	3 564	853	570	84	199	366	5
Air conditioning, heating, and refrigeration	144	76	45	45	-	-	23	-
Aircraft	690	506	184	177	7	-	-	-
Automobile, including body	1 945	1 444	283	145	36	102	218	-
Radio and television	278	113	89	71	6	12	76	-
Other mechanics and repairmen	1 731	1 425	252	132	35	85	49	5
Metal craftsmen, except mechanics	1 982	1 647	298	275	-	23	37	-
Machinists and job and die setters	871	703	140	121	-	19	28	-
Sheetmetal workers and tinsmiths	371	311	56	52	-	4	4	-
Tool and die makers	122	112	10	10	-	-	-	-
Other metal craftsmen	618	521	92	92	-	-	5	-
Printing craftsmen	406	387	14	4	5	5	5	-
Compositors and typesetters	120	120	-	-	-	-	-	-
Pressmen and plate printers, printing	241	226	10	-	5	5	5	-
Stationary engineers and power station operators	305	174	126	44	-	82	5	-
Other craftsmen and kindred workers	2 590	1 975	355	262	24	69	255	5

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
TACOMA SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**8 754**	**7 897**	**628**	**428**	**67**	**133**	**224**	**5**
Assemblers	317	313	4	4	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	282	267	15	15	–	–	–	–
Garage workers and gas station attendants	765	681	21	21	–	–	63	–
Laundry and drycleaning operatives, n.e.c	95	59	23	15	8	–	13	–
Meat cutters and butchers	530	428	71	71	–	–	31	–
Mine operatives, n.e.c	32	27	5	–	–	5	–	–
Packers and wrappers, except produce	194	179	15	10	–	5	–	–
Painters, manufactured articles	134	125	5	5	–	–	4	–
Precision machine operatives	211	180	19	15	–	4	12	–
Sawyers	275	260	10	5	5	–	5	–
Stationary firemen	283	210	73	27	13	33	–	–
Textile operatives	5	5	–	–	–	–	–	–
Welders and flamecutters	773	691	72	61	6	5	10	–
Other metalworking operatives	403	387	12	12	–	–	4	–
Other specified operatives	1 611	1 391	154	88	31	35	61	5
Miscellaneous and not specified operatives	2 844	2 694	129	79	4	46	21	–
Occupation:								
Machine operatives, miscellaneous specified	1 281	1 236	35	25	–	10	10	–
Machine operatives, not specified	394	382	7	–	–	7	5	–
Miscellaneous operatives	850	772	72	45	4	23	6	–
Not specified operatives	319	304	15	9	–	6	–	–
Industry:								
Manufacturing	2 363	2 305	42	38	–	4	16	–
Durable goods	1 484	1 431	42	38	–	4	11	–
Wood products, including furniture	676	671	5	5	–	–	–	–
Primary metal industries	314	314	–	–	–	–	–	–
Fabricated metal industries	40	40	–	–	–	–	–	–
Machinery, including electrical	47	47	–	–	–	–	–	–
Motor vehicles and equipment	17	11	–	–	–	–	6	–
Transportation equipment, except motor vehicles	296	254	37	33	–	4	5	–
Other durable goods	94	94	–	–	–	–	–	–
Nondurable goods	879	874	–	–	–	–	5	–
Food and kindred products	241	241	–	–	–	–	–	–
Apparel and other fabricated textile products	10	10	–	–	–	–	–	–
Paper and allied products	357	352	–	–	–	–	5	–
Chemicals and allied products	150	150	–	–	–	–	–	–
Other nondurable goods	121	121	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	481	389	87	41	4	42	5	–
Transportation, communications, and other public utilities	104	75	29	–	–	29	–	–
Wholesale and retail trade	197	192	–	–	–	–	5	–
All other industries	180	122	58	41	4	13	–	–
Transport equipment operatives	**4 952**	**4 054**	**748**	**263**	**66**	**419**	**150**	**–**
Bus drivers	335	108	214	5	18	191	13	–
Taxicab drivers and chauffeurs	183	145	18	7	11	–	20	–
Truck drivers and deliverymen	3 209	2 822	284	114	21	149	103	–
Other transport equipment operatives	1 225	979	232	137	16	79	14	–
Laborers, except farm	**6 668**	**5 347**	**1 101**	**527**	**101**	**473**	**209**	**11**
Construction laborers	1 049	871	173	24	10	139	–	5
Freight, stock, and material handlers	2 895	2 385	492	366	21	105	18	–
Other specified laborers	1 786	1 308	300	116	61	123	172	6
Miscellaneous and not specified laborers	938	783	136	21	9	106	19	–
Occupation:								
Miscellaneous laborers	377	267	91	5	4	82	19	–
Not specified laborers	561	516	45	16	5	24	–	–
Industry:								
Manufacturing	427	411	16	11	–	5	–	–
Durable goods	296	280	16	11	–	5	–	–
Wood products, including furniture	80	80	–	–	–	–	–	–
Metal industries	157	148	9	4	–	5	–	–
Machinery, including electrical	6	6	–	–	–	–	–	–
Transportation equipment	34	27	7	7	–	–	–	–
Other durable goods	19	19	–	–	–	–	–	–
Nondurable goods	131	131	–	–	–	–	–	–
Food and kindred products	58	58	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	511	372	120	10	9	101	19	–
Railroads and railway express service	109	91	18	–	–	18	–	–
Transportation, except railroads	19	12	7	–	–	7	–	–
Communications, and utilities and sanitary services	65	12	53	–	–	53	–	–
Wholesale and retail trade	124	111	5	5	–	–	8	–
All other industries	194	146	37	5	9	23	11	–
Farmers and farm managers	**618**	**63**	**–**	**–**	**–**	**–**	**555**	**–**
Farm laborers and farm foremen	**607**	**543**	**34**	**10**	**15**	**9**	**–**	**30**
Paid farm laborers and farm foremen	577	543	34	10	15	9	–	–
Unpaid family workers	30	–	–	–	–	–	–	30
Service workers, except private household[1]	**6 742**	**3 437**	**2 884**	**780**	**618**	**1 486**	**411**	**10**
Cleaning service workers	2 165	1 288	811	171	138	502	66	–
Food service workers	1 438	1 158	200	137	41	22	70	10
Cooks, except private household	580	432	110	67	35	8	33	5
Busboys and dishwashers	336	308	28	18	–	10	–	–
Health service workers	470	88	377	164	209	4	5	–
Personal service workers	665	329	108	29	44	35	228	–
Protective service workers	1 505	281	1 206	239	143	824	18	–
Firemen, fire protection	441	–	441	64	–	377	–	–
Guards and watchmen	456	237	219	140	28	51	–	–
Policemen and detectives	521	39	464	21	115	328	18	–
Private household workers	**47**	**43**	**4**	**–**	**4**	**–**	**–**	**–**

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
TACOMA SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**46 654**	**32 949**	**11 082**	**3 466**	**2 423**	**5 193**	**2 127**	**496**
Professional, technical, and kindred workers	**8 082**	**3 340**	**4 378**	**460**	**914**	**3 004**	**354**	**10**
Accountants	508	307	170	98	35	37	31	-
Computer specialists	47	41	6	-	6	-	-	-
Librarians	242	69	173	15	41	117	-	-
Mathematical specialists	26	26	-	-	-	-	-	-
Life and physical scientists	30	24	6	6	-	-	-	-
Registered nurses, dietitians, and therapists	1 538	1 103	403	126	161	116	27	5
Dietitians	31	10	16	5	11	-	5	-
Registered nurses	1 387	1 051	326	111	129	86	5	5
Health technologists and technicians	260	237	23	7	16	-	-	-
Social scientists	64	30	28	-	12	16	6	-
Social and recreation workers	353	80	268	28	166	74	-	5
Teachers: College and university	128	69	59	-	40	19	-	-
Elementary and prekindergarten	2 320	387	1 927	42	241	1 644	6	-
Secondary	816	96	720	7	55	658	-	-
Other teachers	224	78	40	10	4	26	106	-
Engineering and science technicians	78	66	12	-	-	12	-	-
Technicians, except health, and engineering and science	43	23	20	9	6	5	-	-
Writers, artists, and entertainers	328	196	47	25	5	17	85	-
Actors and dancers	20	20	-	-	-	-	-	-
Authors, editors, and reporters	37	31	6	6	-	-	-	-
Other professional, technical, and kindred workers	1 077	508	476	87	126	263	93	-
Managers and administrators, except farm	**1 897**	**1 220**	**303**	**144**	**44**	**115**	**331**	**43**
Buyers, purchasing agents, and sales managers	271	197	74	74	-	-	-	-
Restaurant, cafeteria, and bar managers	169	84	21	7	-	14	59	5
School administrators	90	42	48	-	14	34	-	-
Other specified managers and administrators	526	348	128	47	24	57	41	9
Managers and administrators, n.e.c., salaried	581	549	32	16	6	10	-	-
Wholesale and retail trade	218	207	11	11	-	-	-	-
Managers and administrators, n.e.c., self-employed	260	-	-	-	-	-	231	29
Wholesale and retail trade	146	-	-	-	-	-	128	18
Sales workers	**3 882**	**3 369**	**138**	**81**	**33**	**24**	**313**	**62**
Demonstrators, hucksters, and peddlers	384	288	-	-	-	-	96	-
Insurance, real estate agents, and brokers	420	352	4	-	4	-	64	-
Sales clerks, retail trade	2 378	2 140	78	66	12	-	108	52
Salesmen, retail trade	86	71	-	-	-	-	15	-
Other sales workers	614	518	56	15	17	24	30	10
Clerical and kindred workers	**16 478**	**12 049**	**3 983**	**2 000**	**752**	**1 231**	**224**	**222**
Bank tellers	513	508	5	5	-	-	-	-
Bookkeepers	2 282	1 878	190	99	46	45	119	95
Cashiers	1 205	1 020	171	112	27	32	-	14
Counter clerks, except food	203	170	22	22	-	-	6	5
Enumerators and interviewers	33	24	5	-	5	-	4	-
File clerks	437	321	111	70	21	20	-	5
Office machine operators	599	463	130	96	14	20	6	-
Bookkeeping and billing machine operators	88	84	4	-	-	4	-	-
Keypunch operators	366	276	84	54	14	16	6	-
Payroll and timekeeping clerks	144	94	50	24	4	22	-	-
Receptionists	714	587	100	34	36	30	11	16
Secretaries	3 650	2 621	969	341	241	387	16	44
Stenographers	290	156	134	54	42	38	-	-
Telephone operators	644	539	105	46	24	35	-	-
Typists	1 223	652	550	289	115	146	15	6
Other clerical and kindred workers	4 541	3 016	1 441	808	177	456	47	37
Craftsmen and kindred workers	**769**	**632**	**77**	**37**	**15**	**25**	**54**	**6**
Foremen, n.e.c.	149	123	26	19	7	-	-	-
Operatives, except transport	**3 156**	**2 714**	**315**	**238**	**32**	**45**	**102**	**25**
Assemblers	123	123	-	-	-	-	-	-
Bottling and canning operatives	12	12	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	62	62	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	244	122	49	45	4	-	67	6
Laundry and drycleaning operatives, including ironers	516	350	162	141	5	16	-	4
Graders and sorters, manufacturing	23	23	-	-	-	-	-	-
Packers and wrappers, except produce	416	407	5	-	-	5	-	4
Sewers and stitchers	491	461	15	12	-	3	15	-
Textile operatives	6	6	-	-	-	-	-	-
Other specified operatives	634	578	35	24	6	5	15	6
Miscellaneous and not specified operatives	629	570	49	16	17	16	5	5
Manufacturing	427	427	-	-	-	-	-	-
Durable goods	161	161	-	-	-	-	-	-
Machinery, including electrical	11	11	-	-	-	-	-	-
Other durable goods	150	150	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	266	266	-	-	-	-	-	-
Food and kindred products	99	99	-	-	-	-	-	-
Apparel and other fabricated textile products	35	35	-	-	-	-	-	-
Nonmanufacturing industries	202	143	49	16	17	16	5	5
Transport equipment operatives	**169**	**69**	**100**	**-**	**34**	**66**	**-**	**-**
Laborers, except farm	**595**	**489**	**42**	**30**	**6**	**6**	**48**	**16**
Farmers and farm managers	**145**	**14**	**-**	**-**	**-**	**-**	**131**	**-**
Farm laborers and farm foremen	**390**	**347**	**5**	**-**	**-**	**5**	**-**	**38**
Paid farm laborers and farm foremen	352	347	5	-	-	5	-	-
Unpaid family workers	38	-	-	-	-	-	-	38
Service workers, except private household[1]	**9 722**	**7 362**	**1 736**	**471**	**593**	**672**	**550**	**74**
Cleaning service workers	864	674	166	84	29	53	16	8
Chambermaids and maids	183	156	24	13	5	6	-	3
Food service workers	4 167	3 386	651	223	100	328	96	34
Cooks, except private household	989	697	227	56	48	123	51	14
Waiters and food counter workers	2 245	2 047	159	96	13	50	19	20
Health service workers	2 002	1 517	464	101	331	32	21	-
Nursing aides, orderlies, and attendants	891	664	223	32	165	26	4	-
Practical nurses	644	396	231	65	160	6	17	-
Personal service workers	1 669	945	326	45	104	177	382	16
Hairdressers and cosmetologists	773	496	13	5	8	-	259	5
Private household workers	**1 369**	**1 344**	**5**	**5**	**-**	**-**	**20**	**-**
Private household workers, living in	62	62	-	-	-	-	-	-
Private household workers, living out	1 307	1 282	5	5	-	-	20	-

[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	11 274	783 307	21 387	27 622	79 089	96 702	83 575	164 637	169 523	68 584	44 745	27 443	40.1
Professional, technical, and kindred workers	100	128 446	341	948	9 989	20 981	19 150	34 999	26 860	7 384	4 802	2 992	38.7
Accountants	–	8 018	16	23	482	1 416	1 012	1 893	1 761	638	420	357	40.6
Architects	–	1 498	10	4	58	241	211	406	327	100	93	48	40.5
Computer specialists	–	3 219	–	17	355	1 081	686	807	224	28	16	5	31.1
Engineers	–	28 469	7	30	1 142	3 636	4 568	8 763	7 320	1 839	867	297	40.5
Aeronautical and astronautical	–	5 634	–	7	168	658	877	1 910	1 598	340	71	5	40.8
Civil	–	4 968	–	10	246	744	764	1 467	1 056	331	262	88	39.9
Electrical and electronic	–	5 306	7	–	242	825	929	1 729	1 123	253	134	64	38.8
Mechanical	–	4 351	–	13	118	457	644	1 197	1 356	370	127	69	42.9
Other engineers	–	8 210	–	–	368	952	1 354	2 460	2 187	545	273	71	40.8
Lawyers and judges	–	3 816	–	–	60	446	561	1 087	849	300	250	263	42.7
Life and physical scientists	5	2 509	4	–	163	407	405	671	559	157	103	40	39.1
Chemists	–	958	–	–	85	172	140	209	237	59	56	–	38.9
Physicians, dentists, and related practitioners	–	9 068	–	14	117	761	1 070	2 686	2 475	720	576	649	44.6
Dentists	–	1 783	–	–	–	113	197	574	525	136	72	166	45.1
Pharmacists	–	1 680	–	4	91	219	179	420	382	122	119	144	43.3
Physicians, medical and osteopathic	–	4 452	–	5	16	326	554	1 413	1 169	416	312	241	44.4
Other related practitioners	–	1 153	–	5	10	103	140	279	399	46	73	98	46.0
Health technologists and technicians	–	1 357	–	10	189	309	203	247	269	92	19	19	34.2
Religious workers	–	3 667	–	22	126	357	329	1 034	923	336	256	284	44.7
Social scientists	–	1 326	–	6	65	281	260	383	214	60	32	25	36.3
Social and recreation workers	7	2 138	8	32	290	461	255	464	394	125	61	48	35.5
Teachers	5	23 595	87	130	2 220	4 741	3 954	6 634	3 761	989	795	284	36.0
College and university	–	7 380	5	58	638	1 251	1 330	2 138	1 330	304	248	78	36.9
Elementary and prekindergarten	–	5 157	9	26	521	1 125	888	1 400	744	220	180	44	35.1
Secondary	–	9 709	20	9	951	2 144	1 633	2 830	1 416	362	284	60	35.3
Engineering and science technicians	13	12 161	29	149	1 614	2 496	1 744	3 069	2 107	500	332	121	35.2
Draftsmen and surveyors	4	5 311	4	68	863	1 152	792	1 233	814	172	139	74	33.6
Electrical and electronic engineering technicians	–	2 667	11	33	237	588	381	721	514	112	60	10	36.2
Technicians, except health, and engineering and science	6	4 121	5	38	289	614	699	1 149	1 036	206	68	17	38.6
Airplane pilots	–	1 700	–	–	20	227	342	540	478	73	15	5	39.8
Writers, artists, and entertainers	45	8 088	134	276	1 264	1 280	1 027	1 789	1 493	348	247	230	35.4
Other professional, technical, and kindred workers	19	15 396	41	197	1 555	2 454	2 166	3 917	3 148	946	667	305	38.3
Managers and administrators, except farm	104	93 773	157	533	4 074	8 630	9 883	23 756	26 254	10 121	6 292	4 073	44.9
Buyers, purchasing agents, and sales managers	–	12 241	4	53	714	1 565	1 464	3 251	3 036	1 282	582	290	42.1
School administrators	5	3 011	5	9	45	144	266	1 145	863	287	184	63	44.1
Specified managers and administrators, public administration	–	6 531	5	7	114	433	490	1 491	2 175	887	655	274	48.3
Other specified managers and administrators	46	16 990	32	158	1 117	1 946	1 828	3 645	4 375	1 699	1 287	903	44.4
Managers and administrators, n.e.c., salaried	38	39 965	98	268	1 854	3 769	4 466	10 714	11 338	3 940	2 238	1 280	43.9
Manufacturing	20	8 673	19	18	172	554	910	2 687	2 773	916	421	203	44.9
Wholesale and retail trade	5	13 973	51	153	1 087	1 860	1 513	3 449	3 510	1 164	723	463	41.7
Transportation, communications, and other public utilities	4	4 297	9	11	86	296	530	1 154	1 239	509	323	140	45.5
All other industries	9	13 022	19	86	509	1 059	1 513	3 424	3 816	1 351	771	474	44.7
Managers and administrators, n.e.c., self-employed	15	15 035	13	38	230	773	1 369	3 510	4 467	2 026	1 346	1 263	48.5
Construction	–	3 228	3	5	45	177	386	881	1 114	333	170	114	46.1
Manufacturing	5	1 169	–	4	5	60	105	264	330	176	87	138	49.4
Wholesale and retail trade	10	7 282	10	15	122	376	598	1 592	2 129	1 020	738	682	49.4
All other industries	–	3 356	–	14	58	160	280	773	894	497	351	329	49.4
Sales workers	4 104	55 536	1 590	1 706	5 493	7 356	6 324	11 583	11 471	4 360	2 955	2 698	39.6
Insurance agents, brokers, and underwriters	15	6 113	–	9	520	930	908	1 480	1 366	360	273	267	39.7
Real estate agents and brokers	–	6 071	–	16	169	479	492	1 240	1 533	858	686	598	49.2
Sales representatives, manufacturing industries	6	4 782	–	28	253	806	797	1 276	981	312	178	151	39.0
Sales representatives, wholesale trade	5	11 481	41	53	753	1 800	1 557	2 800	2 734	831	501	411	40.5
Sales clerks, retail trade	114	11 630	606	1 054	2 178	1 455	970	1 716	1 691	872	591	497	32.7
Salesmen, retail trade	11	6 680	98	169	678	874	649	1 431	1 512	600	299	370	41.1
Salesmen of services and construction	24	2 694	9	35	282	374	374	567	566	221	172	94	39.8
Other sales workers	3 929	6 085	836	342	660	638	577	1 073	1 088	306	255	310	34.9
Clerical and kindred workers	349	50 043	892	2 135	7 206	6 597	4 712	9 177	10 782	4 214	2 665	1 663	38.8
Bank tellers and cashiers	18	2 505	215	361	883	242	141	151	207	123	103	79	23.8
Bookkeepers and billing clerks	10	3 184	14	84	367	421	345	545	712	232	232	232	41.6
Mail handlers and postal clerks	8	7 331	55	143	656	645	555	1 610	2 468	820	265	114	45.0
Other clerical and kindred workers	313	37 023	608	1 547	5 300	5 289	3 671	6 871	7 395	3 039	2 065	1 238	38.1
Craftsmen and kindred workers	322	172 129	1 025	2 668	14 747	21 664	18 889	37 599	42 858	17 415	10 775	4 489	42.2
Apparel craftsmen and upholsterers	–	961	18	28	130	101	69	160	171	88	68	128	43.4
Bakers	9	1 151	14	38	135	134	142	230	272	109	57	20	39.9
Cabinetmakers	–	1 323	15	40	108	152	109	229	334	174	110	52	45.3
Construction craftsmen	107	49 959	316	778	4 343	6 098	5 557	10 586	12 225	5 234	3 288	1 534	42.5
Carpenters	11	16 302	122	251	1 408	1 711	1 660	3 138	4 233	1 828	1 254	697	44.6
Excavating, grading, and road machine operators	26	6 500	55	91	361	654	700	1 611	1 840	716	394	78	43.6
Electricians	8	9 710	11	46	1 055	1 561	1 233	2 141	1 954	981	549	179	39.4
Masons and tile setters	7	1 765	11	41	101	205	211	458	441	162	107	28	41.8
Painters, construction and maintenance, and paperhangers	55	4 808	88	230	449	494	413	788	1 135	494	408	309	44.3
Plasterers and cement finishers	–	1 293	–	20	109	164	147	371	264	88	87	43	40.6
Plumbers and pipe fitters	–	6 672	13	45	588	831	802	1 352	1 740	761	392	148	42.8
Other construction craftsmen	–	2 909	16	54	272	478	391	727	618	204	97	52	38.3
Foremen, n.e.c.	5	20 909	11	59	605	1 676	2 195	5 527	6 725	2 438	1 377	296	45.6
Manufacturing	–	11 460	6	23	264	796	1 182	3 211	3 923	1 268	692	95	45.6
Nonmanufacturing industries	5	9 449	5	36	341	880	1 013	2 316	2 802	1 170	685	201	45.5
Linemen and servicemen, telephone and power	4	6 833	17	95	826	1 226	896	1 729	1 549	309	169	17	37.1
Locomotive engineers and firemen	–	1 391	–	8	60	82	76	363	435	213	114	40	47.4
Mechanics and repairmen	89	42 234	364	831	4 410	6 128	4 741	9 112	9 733	3 847	2 219	849	40.1
Air conditioning, heating, and refrigeration	–	1 413	11	11	88	157	149	337	370	135	90	65	43.6
Aircraft	5	7 628	6	18	811	1 497	1 002	1 728	1 807	529	206	24	37.8
Automobile, including body	19	14 157	144	500	1 847	2 029	1 596	2 688	3 108	1 198	734	313	38.6
Radio and television	–	2 375	21	62	335	282	246	587	468	192	131	51	39.1
Other mechanics and repairmen	65	16 661	182	240	1 329	2 163	1 748	3 772	3 980	1 793	1 058	396	42.1
Metal craftsmen, except mechanics	–	18 635	34	168	1 439	2 349	1 866	3 988	4 720	2 213	1 383	475	43.7
Machinists and job and die setters	–	8 015	10	71	672	1 078	823	1 745	1 865	947	610	194	42.8
Sheetmetal workers and tinsmiths	–	3 390	4	56	352	455	346	726	837	361	165	88	41.6
Tool and die makers	–	1 779	5	4	84	231	200	341	534	227	128	25	45.5
Other metal craftsmen	–	5 451	15	37	331	585	497	1 176	1 484	678	480	168	45.6
Printing craftsmen	9	3 668	33	112	415	468	508	740	722	321	224	125	39.0
Compositors and typesetters	9	1 521	15	41	153	148	132	319	356	152	128	77	43.5
Pressmen and plate printers, printing	–	1 648	18	56	239	282	295	318	256	103	55	26	33.9
Stationary engineers and power station operators	12	3 389	5	5	114	253	273	659	1 188	439	355	98	48.2
Other craftsmen and kindred workers	87	21 676	198	506	2 162	2 997	2 457	4 276	4 784	2 030	1 411	855	40.9

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**542**	**83 715**	**2 357**	**4 847**	**12 824**	**11 261**	**8 507**	**14 605**	**15 551**	**7 386**	**4 661**	**1 716**	**36.4**
Assemblers	9	3 533	63	90	762	664	449	645	480	185	150	45	32.1
Checkers, examiners, and inspectors; manufacturing	–	3 050	–	25	269	464	424	710	709	314	126	9	39.8
Garage workers and gas station attendants	206	8 042	1 338	2 117	2 211	693	390	455	388	188	139	123	21.3
Laundry and drycleaning operatives, n.e.c	3	862	39	62	78	90	58	92	187	134	61	61	45.6
Meat cutters and butchers	6	3 721	61	94	325	490	405	840	779	397	194	136	40.8
Mine operatives, n.e.c	10	575	–	8	49	80	77	108	101	85	48	19	41.8
Packers and wrappers, except produce	23	2 265	125	244	561	310	135	305	305	170	82	28	28.3
Painters, manufactured articles	–	1 127	10	31	199	166	165	166	241	97	28	24	34.8
Precision machine operatives	5	2 623	26	27	169	393	294	560	542	349	206	57	42.2
Sawyers	6	3 543	5	98	497	473	432	690	662	324	276	86	38.9
Stationary firemen	10	1 729	–	7	107	170	174	358	478	200	190	45	46.0
Textile operatives	–	165	4	–	47	39	5	20	31	6	9	4	29.0
Welders and flamecutters	5	7 302	3	121	658	1 042	847	1 380	1 820	802	503	126	42.1
Other metalworking operatives	6	3 637	29	93	561	548	469	712	733	338	116	38	36.7
Other specified operatives	137	14 332	247	627	1 892	1 789	1 617	2 649	2 921	1 312	875	403	38.8
Miscellaneous and not specified operatives	116	27 209	407	1 203	4 439	3 850	2 566	4 915	5 174	2 485	1 658	512	37.3
Occupation:													
Machine operatives, miscellaneous specified	41	12 562	102	398	1 986	1 738	1 245	2 564	2 380	1 154	764	231	38.2
Machine operatives, not specified	6	3 734	10	157	471	621	373	701	808	310	239	44	38.4
Miscellaneous operatives	57	7 532	270	470	1 373	1 014	595	1 174	1 354	671	433	178	35.4
Not specified operatives	12	3 381	25	178	609	477	353	476	632	350	222	59	36.0
Industry:													
Manufacturing	41	22 080	222	828	3 540	3 195	2 081	4 135	4 251	2 104	1 329	395	37.8
Durable goods	12	13 289	117	519	2 234	1 966	1 173	2 334	2 503	1 286	860	297	37.7
Wood products, including furniture	7	4 784	66	196	716	528	337	781	967	574	467	152	42.0
Primary metal industries	–	2 552	–	91	461	488	235	470	494	191	96	26	35.0
Fabricated metal industries	5	724	15	33	169	74	64	121	109	72	36	31	35.6
Machinery, including electrical	–	766	6	43	186	132	105	82	128	39	29	16	30.8
Motor vehicles and equipment	–	91	5	6	14	11	25	6	10	10	4	–	...
Transportation equipment, except motor vehicles	–	3 031	5	71	450	536	253	661	543	323	159	30	38.0
Other durable goods	–	1 341	20	79	238	197	154	213	252	77	69	42	34.4
Nondurable goods	29	8 753	102	309	1 294	1 229	908	1 795	1 742	807	469	98	38.0
Food and kindred products	11	2 111	66	117	278	268	187	363	414	247	126	45	38.8
Apparel and other fabricated textile products	–	172	27	35	28	15	4	16	11	13	15	8	24.3
Paper and allied products	10	4 638	–	118	737	731	510	1 053	868	381	222	18	37.1
Chemicals and allied products	–	1 012	–	6	87	85	116	175	336	120	75	12	46.1
Other nondurable goods	8	820	9	33	164	130	91	188	113	46	31	15	34.1
Not specified manufacturing industries	–	38	3	–	12	–	–	6	6	11	–	–	...
Nonmanufacturing industries	75	5 129	185	375	899	655	485	780	923	381	329	117	34.6
Transportation, communications, and other public utilities	12	1 207	22	38	202	158	114	162	250	110	132	19	39.3
Wholesale and retail trade	23	2 006	97	179	415	251	196	314	316	127	66	45	31.6
All other industries	40	1 916	66	158	282	246	175	304	357	144	131	53	36.0
Transport equipment operatives	**145**	**43 411**	**698**	**1 394**	**4 714**	**5 790**	**4 971**	**9 742**	**9 490**	**4 121**	**1 841**	**650**	**39.2**
Bus drivers	6	2 572	–	17	244	168	228	484	668	475	223	65	47.2
Taxicab drivers and chauffeurs	–	1 364	5	23	161	196	115	265	321	134	79	65	41.9
Truck drivers and deliverymen	101	30 148	622	984	2 870	4 036	3 708	7 079	6 727	2 746	1 129	247	39.0
Other transport equipment operatives	38	9 327	71	370	1 439	1 390	920	1 914	1 774	766	410	273	37.5
Laborers, except farm	**2 387**	**60 239**	**6 246**	**5 767**	**9 509**	**6 499**	**4 752**	**8 965**	**8 952**	**4 581**	**3 264**	**1 704**	**32.2**
Construction laborers	124	8 335	324	506	1 266	1 058	733	1 485	1 716	730	404	113	36.9
Freight, stock, and material handlers	369	23 778	3 353	2 813	4 036	2 591	1 885	3 164	3 066	1 544	1 084	242	28.3
Other specified laborers	1 523	18 300	1 736	1 450	2 362	1 804	1 489	2 979	2 731	1 530	1 134	1 085	36.0
Miscellaneous and not specified laborers	371	9 826	833	998	1 845	1 046	645	1 337	1 439	777	642	264	31.5
Occupation:													
Miscellaneous laborers	71	4 058	88	297	688	477	334	628	761	372	311	102	37.3
Not specified laborers	300	5 768	745	701	1 157	569	311	709	678	405	331	162	27.5
Industry:													
Manufacturing	60	4 553	139	434	1 006	499	318	732	674	366	289	96	33.1
Durable goods	37	3 128	99	287	711	306	210	503	477	242	222	71	33.8
Wood products, including furniture	17	1 506	47	135	255	129	118	248	249	167	122	36	37.8
Metal industries	4	782	27	66	226	104	41	127	105	45	31	10	28.5
Machinery, including electrical	–	108	12	15	28	5	12	5	26	–	5	–	24.8
Transportation equipment	16	412	–	28	95	27	34	82	60	25	55	6	37.7
Other durable goods	–	320	13	43	107	41	5	41	37	5	9	19	24.9
Nondurable goods	23	1 411	40	147	289	193	108	229	189	124	67	25	31.7
Food and kindred products	19	527	23	91	86	36	43	81	69	57	21	20	33.2
Not specified manufacturing industries	–	14	–	–	6	–	–	–	8	–	–	–	...
Nonmanufacturing industries	311	5 273	694	564	839	547	327	605	765	411	353	168	29.9
Railroads and railway express service	–	1 074	6	74	156	131	66	204	185	142	90	20	40.1
Transportation, except railroads	–	207	19	20	11	50	15	16	28	15	26	7	31.2
Communications, and utilities and sanitary services	9	778	16	30	134	60	70	112	178	82	88	8	42.1
Wholesale and retail trade	121	1 357	291	206	202	171	106	94	138	74	46	29	24.5
All other industries	181	1 857	362	234	336	135	70	179	236	98	103	104	24.9
Farmers and farm managers	**94**	**18 001**	**66**	**115**	**450**	**863**	**1 202**	**3 449**	**5 173**	**2 575**	**1 870**	**2 238**	**50.5**
Farm laborers and farm foremen	**1 364**	**18 006**	**2 452**	**1 929**	**2 314**	**1 582**	**1 206**	**2 489**	**2 341**	**1 295**	**1 135**	**1 263**	**33.0**
Paid farm laborers and farm foremen	1 149	17 416	2 224	1 842	2 220	1 566	1 189	2 468	2 316	1 271	1 110	1 210	33.6
Unpaid family workers	215	590	228	87	94	16	17	21	25	24	25	53	19.5
Service workers, except private household[1]	**1 584**	**59 637**	**5 471**	**5 551**	**7 729**	**5 458**	**3 959**	**8 226**	**9 766**	**5 097**	**4 460**	**3 920**	**37.0**
Cleaning service workers	669	20 953	1 821	1 800	2 332	1 088	763	2 218	3 940	2 622	2 333	2 036	46.2
Food service workers	495	15 198	3 054	2 823	2 416	1 038	749	1 521	1 698	749	708	442	23.6
Cooks, except private household	82	5 700	751	965	814	462	322	732	765	384	350	155	28.5
Busboys and dishwashers	296	4 095	1 646	1 240	668	128	70	51	109	52	73	58	18.6
Health service workers	16	1 737	43	90	532	238	134	228	259	83	91	39	29.3
Personal service workers	157	5 916	345	386	689	666	504	981	946	428	450	521	38.8
Protective service workers	9	12 449	31	107	1 227	2 150	1 624	2 743	2 377	881	664	645	39.0
Firemen, fire protection	–	3 390	5	16	238	631	518	890	844	110	118	20	38.2
Guards and watchmen	5	3 567	13	87	398	242	186	589	706	476	367	503	48.8
Policemen and detectives	–	4 656	6	4	528	1 157	883	1 059	680	198	104	37	33.6
Private household workers	**179**	**371**	**92**	**29**	**40**	**21**	**20**	**47**	**25**	**35**	**25**	**37**	**30.9**

[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	**5 933**	**449 756**	**13 399**	**23 940**	**69 754**	**46 890**	**36 481**	**87 204**	**96 285**	**37 189**	**23 329**	**15 285**	**38.9**
Professional, technical, and kindred workers	**98**	**77 939**	**363**	**907**	**11 229**	**12 003**	**7 447**	**15 853**	**16 416**	**6 648**	**4 640**	**2 433**	**39.4**
Accountants	–	4 927	22	68	564	534	328	1 205	1 367	452	260	127	42.9
Computer specialists	–	684	–	5	174	164	56	152	106	27	–	–	30.0
Librarians	–	2 028	12	133	188	142	122	447	442	220	215	107	44.3
Mathematical specialists	–	227	5	–	14	57	39	30	68	9	5	–	34.8
Life and physical scientists	–	430	–	15	93	85	67	59	76	10	9	16	31.6
Registered nurses, dietitians, and therapists	20	16 039	8	88	1 637	2 031	1 436	3 629	3 988	1 697	1 071	454	42.8
Dietitians	–	458	–	7	21	58	43	108	118	49	49	5	44.3
Registered nurses	20	14 724	8	76	1 456	1 787	1 320	3 374	3 720	1 581	981	421	43.0
Health technologists and technicians	–	2 884	4	57	648	535	310	557	519	121	90	43	33.2
Social scientists	–	329	–	5	42	71	30	73	49	28	19	12	37.3
Social and recreation workers	4	2 617	3	27	286	574	220	501	509	268	166	63	39.0
Teachers: College and university	–	2 961	4	58	496	470	390	711	453	164	136	79	35.9
Elementary and prekindergarten	5	19 501	56	67	3 036	3 428	1 941	3 491	3 676	1 818	1 373	615	38.5
Secondary	23	7 261	32	11	1 300	1 574	661	1 264	1 323	591	395	110	35.4
Other teachers	21	2 725	78	93	220	271	282	591	504	212	164	310	42.1
Engineering and science technicians	–	1 697	16	30	363	235	195	366	321	87	57	27	35.3
Technicians, except health, and engineering and science	–	385	–	11	46	58	24	82	112	8	28	16	41.5
Writers, artists, and entertainers	19	3 961	108	109	692	497	371	880	762	246	180	116	37.3
Actors and dancers	–	157	4	3	109	23	9	5	4	–	–	–	23.3
Authors, editors, and reporters	5	747	5	5	103	109	40	169	159	91	61	5	41.6
Other professional, technical, and kindred workers	6	9 283	15	130	1 430	1 277	975	1 815	2 141	690	472	338	39.5
Managers and administrators, except farm	**19**	**19 029**	**52**	**174**	**1 237**	**1 256**	**1 203**	**3 925**	**5 945**	**2 535**	**1 671**	**1 031**	**47.8**
Buyers, purchasing agents, and sales managers	5	2 197	10	20	215	193	185	485	672	247	129	41	44.8
Restaurant, cafeteria, and bar managers	–	1 693	–	10	74	83	133	438	503	241	155	56	47.2
School administrators	5	765	–	10	14	46	42	180	278	78	89	28	48.3
Other specified managers and administrators	4	5 505	24	51	493	433	326	1 090	1 445	658	533	452	47.3
Managers and administrators, n.e.c., salaried	5	5 833	14	83	400	406	388	1 231	1 917	754	426	214	47.1
Wholesale and retail trade	–	1 915	4	43	121	142	119	396	614	247	177	52	47.2
Managers and administrators, n.e.c., self-employed	–	3 036	4	–	41	95	129	501	1 130	557	339	240	51.6
Wholesale and retail trade	–	1 754	–	–	35	59	82	250	661	331	198	138	51.8
Sales workers	**278**	**35 517**	**1 209**	**2 537**	**4 310**	**2 544**	**2 523**	**6 694**	**8 395**	**3 621**	**2 219**	**1 465**	**41.9**
Demonstrators, hucksters, and peddlers	9	3 775	16	105	480	490	525	878	652	304	137	188	38.1
Insurance, real estate agents, and brokers	–	3 152	5	33	206	248	197	759	982	354	203	165	46.3
Sales clerks, retail trade	136	21 973	938	1 971	2 708	1 195	1 244	3 873	5 399	2 351	1 467	827	42.6
Salesmen, retail trade	13	1 080	35	78	134	85	54	201	284	93	90	26	42.7
Other sales workers	120	5 537	215	350	782	526	503	983	1 078	519	322	259	39.0
Clerical and kindred workers	**452**	**165 258**	**2 751**	**9 853**	**32 885**	**18 111**	**13 733**	**33 005**	**34 555**	**10 912**	**6 407**	**3 046**	**36.6**
Bank tellers	–	4 673	15	158	1 351	709	573	1 045	625	104	66	27	30.9
Bookkeepers	18	22 825	76	469	2 502	2 192	2 155	5 558	6 207	1 930	1 167	569	42.2
Cashiers	45	10 430	445	916	1 558	923	853	2 556	2 054	641	345	139	37.0
Counter clerks, except food	14	2 410	91	239	446	140	117	536	453	178	131	79	38.2
Enumerators and interviewers	–	978	–	35	103	100	97	300	235	60	37	11	40.1
File clerks	30	4 131	257	612	1 146	315	252	598	587	195	116	53	25.8
Office machine operators	–	6 247	24	415	1 855	964	629	1 092	822	274	139	33	29.3
Bookkeeping and billing machine operators	–	964	5	102	237	118	92	193	121	62	28	6	31.1
Keypunch operators	–	3 375	4	216	1 169	673	379	525	280	89	40	–	27.2
Payroll and timekeeping clerks	–	1 136	4	14	162	173	88	157	321	114	71	32	43.1
Receptionists	48	6 530	159	582	1 653	736	573	1 236	937	337	182	135	31.2
Secretaries	18	38 984	323	1 573	8 204	5 271	3 338	7 470	8 418	2 395	1 421	571	36.0
Stenographers	–	2 360	13	107	495	218	161	403	602	228	98	35	39.6
Telephone operators	14	5 525	61	670	1 358	484	434	922	929	302	246	119	32.2
Typists	19	11 962	281	1 144	3 288	1 351	935	2 070	1 937	555	266	135	29.7
Other clerical and kindred workers	246	47 067	1 002	2 919	8 764	4 535	3 528	9 062	10 428	3 599	2 122	1 108	38.1
Craftsmen and kindred workers	**65**	**7 587**	**101**	**234**	**898**	**730**	**528**	**1 720**	**1 875**	**793**	**387**	**321**	**42.6**
Foremen, n.e.c.	4	1 301	–	3	92	94	55	380	345	193	96	43	45.8
Operatives, except transport	**160**	**31 850**	**436**	**1 338**	**3 141**	**2 530**	**2 725**	**7 326**	**8 107**	**3 204**	**1 753**	**1 290**	**42.9**
Assemblers	–	1 956	17	53	205	150	193	553	602	119	49	15	41.5
Bottling and canning operatives	–	375	–	14	24	26	30	82	109	65	17	8	46.1
Checkers, examiners, and inspectors; manufacturing	5	1 100	10	50	125	83	73	304	285	117	32	21	41.9
Dressmakers and seamstresses, except factory	–	1 491	9	6	34	86	79	287	371	237	168	214	51.6
Laundry and drycleaning operatives, including ironers	28	3 599	61	115	230	164	276	707	1 132	520	253	141	47.2
Graders and sorters, manufacturing	–	478	–	51	18	46	38	77	143	67	26	12	45.6
Packers and wrappers, except produce	17	4 410	48	189	478	467	393	1 148	1 142	366	106	73	40.5
Sewers and stitchers	–	3 725	23	147	419	244	293	828	915	446	223	187	43.9
Textile operatives	–	217	–	5	34	10	26	16	70	29	12	15	47.5
Other specified operatives	83	7 312	121	332	846	626	665	1 637	1 657	566	470	392	41.5
Miscellaneous and not specified operatives	27	7 187	147	376	728	628	659	1 687	1 681	672	397	212	41.3
Manufacturing	20	5 286	72	236	531	479	493	1 352	1 252	496	261	114	41.2
Durable goods	–	2 129	21	94	220	204	196	609	471	181	93	40	40.4
Machinery, including electrical	–	238	–	22	18	29	27	74	27	13	20	8	38.1
Other durable goods	–	1 891	21	72	202	175	169	535	444	168	73	32	40.7
Nondurable goods, including not specified manufacturing	20	3 157	51	142	311	275	297	743	781	315	168	74	41.8
Food and kindred products	11	1 624	37	74	85	113	127	419	434	187	94	54	44.0
Apparel and other fabricated textile products	–	242	–	18	58	31	10	47	36	21	10	11	35.9
Nonmanufacturing industries	7	1 901	75	140	197	149	166	335	429	176	136	98	41.7
Transport equipment operatives	**15**	**2 463**	**39**	**38**	**256**	**316**	**384**	**721**	**476**	**114**	**49**	**70**	**37.8**
Laborers, except farm	**164**	**4 640**	**357**	**324**	**663**	**310**	**380**	**905**	**842**	**464**	**258**	**137**	**38.2**
Farmers and farm managers	**14**	**1 281**	**15**	**23**	**61**	**43**	**92**	**296**	**294**	**198**	**90**	**169**	**48.8**
Farm laborers and farm foremen	**283**	**3 941**	**348**	**222**	**422**	**290**	**397**	**846**	**789**	**304**	**198**	**125**	**38.4**
Paid farm laborers and farm foremen	241	3 333	307	201	404	265	372	660	624	240	160	100	36.8
Unpaid family workers	42	608	41	21	18	25	25	186	165	64	38	25	44.4
Service workers, except private household[1]	**1 537**	**86 462**	**5 332**	**7 295**	**13 328**	**7 871**	**6 430**	**14 711**	**16 849**	**7 143**	**4 403**	**3 100**	**37.0**
Cleaning service workers	188	8 919	473	579	566	482	502	1 403	2 172	1 175	876	691	47.1
Chambermaids and maids	10	2 413	124	169	205	182	122	397	619	291	181	123	45.1
Food service workers	474	39 160	3 639	3 923	5 053	3 026	2 970	6 986	7 794	3 180	1 611	978	36.4
Cooks, except private household	52	10 172	322	415	521	401	663	1 754	3 155	1 617	834	490	48.2
Waiters and food counter workers	305	20 913	2 707	2 797	3 747	2 214	1 542	3 644	2 806	841	355	260	27.7
Health service workers	63	17 287	452	1 486	3 106	1 671	1 243	3 139	3 355	1 465	889	481	37.2
Nursing aides, orderlies, and attendants	34	8 667	247	839	1 449	711	643	1 651	1 594	786	497	250	37.7
Practical nurses	–	4 346	12	42	583	440	259	918	1 120	464	295	213	44.1
Personal service workers	201	14 054	406	597	3 535	1 934	1 137	1 949	2 358	906	613	619	32.4
Hairdressers and cosmetologists	5	6 431	6	194	1 960	947	493	814	1 230	346	246	195	31.1
Private household workers	**2 848**	**13 789**	**2 396**	**995**	**1 324**	**886**	**639**	**1 202**	**1 742**	**1 253**	**1 254**	**2 098**	**40.4**
Private household workers, living in	5	963	14	44	113	47	16	81	87	128	137	296	58.1
Private household workers, living out	2 843	12 826	2 382	951	1 211	839	623	1 121	1 655	1 125	1 117	1 802	38.6

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued													
Negro													
Male employed	175	12 306	373	536	1 357	1 637	1 316	2 564	2 810	916	501	296	38.6
Professional, technical, and kindred workers	7	1 320	24	58	216	261	172	263	263	27	12	24	32.9
Engineers	–	132	–	–	5	8	31	37	47	–	4	–	40.9
Lawyers and judges	–	15	–	–	–	–	–	8	7	–	–	–	...
Life and physical scientists	–	13	–	–	5	4	–	4	–	–	–	–	...
Physicians, dentists, and related practitioners	–	29	–	–	–	5	6	7	11	–	–	–	...
Health workers, except practitioners	–	59	–	10	–	17	4	–	17	11	–	–	...
Social and recreation workers	7	137	–	16	11	33	31	21	15	–	–	10	31.4
Teachers	–	172	–	5	28	27	20	30	52	10	–	–	37.0
Technicians, except health	–	133	4	–	18	20	15	45	31	–	–	–	37.1
Writers, artists, and entertainers	–	165	15	4	50	36	22	26	12	–	–	–	26.9
Other professional, technical, and kindred workers	–	465	5	23	99	111	43	85	71	6	8	14	29.8
Managers and administrators, except farm	–	601	12	–	33	118	66	130	133	44	50	15	40.5
Salaried	–	444	12	–	33	85	66	104	86	20	28	10	37.5
Manufacturing	–	31	–	–	–	7	–	6	9	6	3	–	...
Retail trade	–	60	–	–	11	8	11	–	13	5	6	6	...
All other industries	–	353	12	–	22	70	55	98	64	9	19	4	36.8
Self-employed	–	157	–	–	–	33	–	26	47	24	22	5	49.1
Retail trade	–	26	–	–	–	–	–	5	16	–	–	5	...
All other industries	–	131	–	–	–	33	–	21	31	24	22	–	48.7
Sales workers	24	316	21	–	48	59	78	77	21	–	9	3	31.9
Manufacturing and wholesale trade	21	77	9	–	16	20	26	6	–	–	–	–	...
Retail trade	3	152	12	–	27	16	35	29	21	–	9	3	33.0
All other industries	–	87	–	–	5	23	17	42	–	–	–	–	...
Clerical and kindred workers	32	1 082	39	42	190	136	148	240	220	53	12	2	34.5
Bookkeepers and billing clerks	–	22	–	–	7	–	6	6	–	–	3	–	...
Mail handlers and postal clerks	4	261	15	5	21	12	26	85	78	14	5	–	41.1
Other clerical and kindred workers	28	799	24	37	162	124	116	149	142	39	4	2	32.3
Craftsmen and kindred workers	14	2 319	51	64	238	341	255	488	604	179	76	23	39.3
Carpenters	–	137	6	3	27	19	6	26	36	14	–	–	37.9
Construction craftsmen, except carpenters	–	543	18	36	79	65	36	91	167	38	13	–	39.1
Automobile mechanics, including body repairmen	–	164	10	5	5	19	44	22	30	23	–	6	34.9
Mechanics and repairmen, except auto	5	429	3	10	38	84	54	113	101	26	–	–	37.3
Machinists	–	63	–	–	9	–	9	11	5	20	9	–	...
Metal craftsmen, except mechanics and machinists	–	152	–	–	4	11	26	64	37	10	–	–	40.5
Foremen, n.e.c	–	184	–	–	–	6	24	67	48	14	16	9	44.3
Other craftsmen and kindred workers	9	647	14	10	76	137	56	94	180	34	38	8	38.2
Operatives, except transport	9	1 999	22	73	227	278	256	454	463	125	63	38	38.2
Assemblers	–	110	–	9	19	26	16	27	5	–	8	–	30.3
Garage workers and gas station attendants	6	79	13	12	19	26	–	9	–	–	–	–	...
Laundry and drycleaning operatives, including ironers	–	74	–	–	8	–	6	16	26	18	–	–	...
Precision machine operatives	–	49	6	–	–	–	12	4	22	–	5	–	...
Other operatives, except transport	3	1 687	3	52	181	226	222	398	410	107	50	38	39.0
Durable goods, manufacturing	–	1 036	–	14	103	127	127	296	284	46	31	8	40.0
Nondurable goods, including not specified manufacturing	–	221	–	5	50	37	42	39	42	6	–	–	32.2
Nonmanufacturing industries	3	430	3	33	28	62	53	63	84	55	19	30	40.7
Transport equipment operatives	11	567	9	10	40	104	66	127	122	61	13	15	39.3
Truck drivers	7	229	–	5	17	31	35	64	52	21	4	–	39.1
Other transport equipment operatives	4	338	9	5	23	73	31	63	70	40	9	15	39.4
Laborers, except farm	20	1 554	124	101	121	126	138	325	398	112	62	47	40.1
Construction laborers	–	255	–	16	15	8	21	62	102	21	10	–	45.5
Freight, stock, and material handlers	16	454	56	40	34	37	53	61	134	25	14	–	36.1
Other laborers, except farm	4	845	68	45	72	81	64	202	162	66	38	47	39.6
Manufacturing industries	–	267	4	7	21	10	21	67	91	24	15	7	45.4
Farmers and farm managers	–	32	–	–	–	4	–	12	16	–	–	–	...
Farm laborers and farm foremen	6	136	4	–	4	12	7	43	27	29	7	3	44.5
Service workers, except private household[1]	52	2 361	67	183	240	198	130	400	539	286	197	121	44.1
Cleaning service workers	7	1 091	19	61	54	58	59	179	316	168	101	76	48.7
Food service workers	10	483	41	51	58	22	47	83	111	36	20	14	37.7
Health service workers	–	99	4	–	28	25	4	12	17	6	3	–	...
Personal service workers	11	219	3	21	29	41	4	19	24	34	28	16	41.1
Protective service workers	–	188	–	4	47	41	16	34	22	5	9	10	30.6
Private household workers	–	19	–	5	–	–	–	5	4	–	–	5	...
Female employed	53	9 354	267	376	1 407	1 312	970	1 942	1 958	564	305	253	36.8
Professional, technical, and kindred workers	8	1 320	11	7	177	214	188	338	313	43	17	12	36.9
Registered nurses	4	251	–	–	20	29	14	72	105	6	5	–	43.7
Health workers, except nurses	–	135	–	–	14	27	14	51	29	–	–	–	37.5
Teachers, elementary and secondary schools	–	340	4	–	49	55	56	83	56	29	3	5	35.7
Technicians, except health	–	33	–	7	7	–	5	4	10	–	–	–	...
Other professional, technical, and kindred workers	4	561	7	–	87	103	99	128	113	8	9	7	34.2
Managers and administrators, except farm	–	198	–	–	11	20	33	32	76	14	–	12	45.4
Salaried	–	156	–	–	11	15	27	27	61	3	–	12	44.3
Self-employed	–	42	–	–	–	5	6	5	15	11	–	–	...
Sales workers	–	335	9	33	81	46	33	61	35	12	12	13	29.8
Retail trade	–	312	9	33	81	46	33	41	32	12	12	13	28.6
Clerical and kindred workers	15	2 484	104	213	673	478	259	435	263	41	11	7	27.6
Bookkeepers and cashiers	–	190	6	6	66	37	12	36	14	6	–	7	27.3
Office machine operators	–	165	–	26	62	41	8	14	11	–	3	–	24.6
Secretaries, stenographers, and typists	3	640	24	52	223	94	108	85	54	–	–	–	26.1
Other clerical and kindred workers	12	1 489	74	129	322	306	131	300	184	35	8	–	28.6
Craftsmen and kindred workers	–	183	4	–	–	27	37	61	54	–	–	–	38.9
Operatives, except transport	5	1 196	3	18	121	152	185	286	293	82	36	20	39.2
Sewers and stitchers	–	101	–	5	–	–	47	16	21	–	5	7	34.8
Laundry and drycleaning operatives, including ironers	5	358	–	–	17	28	52	86	113	48	14	–	44.5
Other operatives, except transport	–	737	3	13	104	124	86	184	159	34	17	13	37.1
Durable goods, manufacturing	–	300	–	–	21	45	32	97	96	–	4	5	40.4
Nondurable goods, including not specified manufacturing	–	252	–	7	41	37	34	62	38	21	4	8	36.1
Nonmanufacturing industries	–	185	3	6	42	42	20	25	25	13	9	–	29.9
Transport equipment operatives	–	18	–	–	6	5	–	4	3	–	–	–	...
Laborers, except farm	–	147	16	13	21	20	–	27	7	35	3	5	36.3
Farmers and farm managers	–	20	–	–	12	–	–	3	–	–	5	–	...
Farm laborers and farm foremen	–	23	–	–	5	4	–	8	–	6	–	–	...
Service workers, except private household[1]	25	2 713	96	81	290	318	197	635	699	202	127	68	40.9
Cleaning service workers	9	601	7	4	15	72	11	117	229	57	56	33	48.3
Food service workers	–	531	28	19	75	29	42	125	117	66	23	7	40.8
Health service workers	–	818	10	33	114	114	72	235	182	47	11	–	37.8
Practical nurses	–	340	–	5	46	58	8	109	77	26	11	–	39.9
Personal service workers	5	419	41	11	49	28	40	82	113	21	18	16	39.9
Protective service workers	–	9	–	–	–	–	–	–	9	–	–	–	...
Private household workers	–	717	24	11	10	28	38	52	215	129	94	116	54.1

[1]Includes allocated cases not shown separately.

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

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

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

THE STATE—Continued

Persons of Spanish Language

	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	**210**	**13 702**	**470**	**589**	**2 022**	**2 132**	**1 974**	**3 170**	**2 054**	**600**	**417**	**274**	**34.1**
Professional, technical, and kindred workers	-	1 634	-	13	170	277	353	468	235	48	50	20	35.1
Engineers	-	428	-	6	25	29	111	150	80	6	14	7	37.9
Lawyers and judges	-	30	-	-	-	6	-	8	-	-	10	6	...
Life and physical scientists	-	26	-	-	7	-	15	4	-	-	-	-	...
Physicians, dentists, and related practitioners	-	95	-	-	9	-	18	58	4	6	-	-	...
Health workers, except practitioners	-	64	-	-	7	14	-	6	37	-	-	-	...
Social and recreation workers	-	38	-	-	6	-	7	18	-	7	-	-	...
Teachers	-	269	-	-	8	111	27	91	14	11	-	7	32.9
Technicians, except health	-	201	-	7	21	14	80	45	25	-	9	-	33.7
Writers, artists, and entertainers	-	153	-	-	27	22	41	22	23	12	6	-	33.4
Other professional, technical, and kindred workers	-	330	-	-	60	81	54	66	52	6	11	-	32.2
Managers and administrators, except farm	-	1 090	14	6	54	133	163	295	317	26	53	29	40.9
Salaried	-	909	14	6	54	133	151	225	253	19	33	21	39.3
Manufacturing	-	146	-	-	7	19	34	55	26	-	5	-	37.4
Retail trade	-	246	8	6	23	56	40	38	68	-	-	7	33.8
All other industries	-	517	6	-	24	58	77	132	159	19	28	14	42.1
Self-employed	-	181	-	-	-	-	12	70	64	7	20	8	46.3
Retail trade	-	96	-	-	-	-	12	47	30	-	7	-	...
All other industries	-	85	-	-	-	-	-	23	34	7	13	8	...
Sales workers	82	800	6	28	137	218	115	133	90	38	10	25	30.5
Manufacturing and wholesale trade	82	208	6	-	14	33	49	53	31	12	-	10	35.4
Retail trade	-	352	-	28	66	115	30	46	28	20	4	15	28.6
All other industries	-	240	-	-	57	70	36	34	31	6	6	-	29.5
Clerical and kindred workers	10	666	25	33	162	74	76	107	124	23	21	21	32.6
Bookkeepers and billing clerks	-	69	-	-	14	-	25	5	15	4	-	6	...
Mail handlers and postal clerks	6	92	-	8	13	-	7	20	32	-	6	6	...
Other clerical and kindred workers	4	505	25	25	135	74	44	82	77	19	15	9	29.6
Craftsmen and kindred workers	-	2 165	18	37	224	434	302	658	349	71	31	41	36.0
Carpenters	-	167	-	-	27	51	35	38	16	-	-	-	30.8
Construction craftsmen, except carpenters	-	487	18	-	28	91	37	161	111	23	-	18	39.3
Automobile mechanics, including body repairmen	-	197	-	7	20	26	53	74	10	7	-	-	34.3
Mechanics and repairmen, except auto	-	396	-	10	56	92	33	148	47	10	-	-	35.5
Machinists	-	82	-	-	6	13	26	15	14	8	-	-	...
Metal craftsmen, except mechanics and machinists	-	131	-	9	4	43	10	34	15	10	6	-	34.8
Foremen, n.e.c.	-	236	-	-	20	25	59	76	35	7	14	-	36.8
Other craftsmen and kindred workers	-	469	-	11	63	93	49	112	101	6	11	23	36.7
Operatives, except transport	14	1 564	53	104	319	276	286	248	138	116	24	-	30.5
Assemblers	-	103	-	-	30	21	43	9	-	-	-	-	30.1
Garage workers and gas station attendants	9	157	29	51	23	23	7	9	-	15	-	-	19.9
Laundry and drycleaning operatives, including ironers	-	33	-	-	-	-	6	-	21	6	-	-	...
Precision machine operatives	-	55	-	6	6	7	-	21	7	8	-	-	...
Other operatives, except transport	5	1 216	24	47	260	225	230	209	110	87	24	-	31.1
Durable goods, manufacturing	-	585	-	13	141	116	121	97	44	34	19	-	30.9
Nondurable goods, including not specified manufacturing	5	346	19	22	49	65	50	76	39	26	-	-	31.8
Nonmanufacturing industries	-	285	5	12	70	44	59	36	27	27	5	-	31.0
Transport equipment operatives	-	787	8	11	107	124	162	230	93	27	7	18	34.4
Truck drivers	-	331	-	-	28	46	74	119	37	20	7	-	36.5
Other transport equipment operatives	-	456	8	11	79	78	88	111	56	7	-	18	33.0
Laborers, except farm	33	1 282	88	127	228	185	113	236	138	81	60	26	30.6
Construction laborers	-	150	-	12	18	27	14	28	26	-	19	6	36.4
Freight, stock, and material handlers	8	471	37	37	96	48	80	113	29	22	9	-	31.1
Other laborers, except farm	25	661	51	78	114	110	19	95	83	59	32	20	29.0
Manufacturing industries	15	224	5	27	42	47	6	29	39	16	5	8	29.0
Farmers and farm managers	-	127	-	-	7	-	24	29	26	14	21	6	46.3
Farm laborers and farm foremen	40	2 487	176	176	410	280	285	598	331	127	84	20	33.5
Service workers, except private household[1]	31	1 092	82	54	204	131	95	168	213	29	56	60	33.9
Cleaning service workers	25	456	25	34	59	55	17	76	110	7	37	36	40.0
Food service workers	6	314	47	20	67	28	27	32	56	14	12	11	29.1
Health service workers	-	70	-	-	20	25	-	6	19	-	-	-	...
Personal service workers	-	116	-	-	10	12	33	20	20	8	-	13	36.5
Protective service workers	-	95	-	-	26	11	18	25	8	-	7	-	...
Private household workers	-	8	-	-	-	-	-	-	-	-	-	8	...
Female employed	**74**	**6 638**	**287**	**480**	**1 526**	**1 087**	**708**	**1 322**	**821**	**227**	**78**	**102**	**29.7**
Professional, technical, and kindred workers	-	820	7	6	174	167	101	199	121	13	6	26	32.8
Registered nurses	-	115	-	-	12	27	16	20	22	-	-	18	36.3
Health workers, except nurses	-	87	-	-	22	18	14	33	-	-	-	-	...
Teachers, elementary and secondary schools	-	280	-	6	67	67	20	66	41	7	6	-	30.0
Technicians, except health	-	28	-	-	22	-	-	6	-	-	-	-	...
Other professional, technical, and kindred workers	-	310	7	-	51	55	51	74	58	6	-	8	34.1
Managers and administrators, except farm	-	159	7	7	28	19	19	37	36	6	-	-	34.9
Salaried	-	129	7	7	28	19	8	27	27	6	-	-	32.2
Self-employed	-	30	-	-	-	-	11	10	9	-	-	-	...
Sales workers	-	404	20	38	76	51	25	95	73	20	6	-	33.4
Retail trade	-	306	20	32	55	30	25	58	60	20	6	-	33.2
Clerical and kindred workers	-	2 020	69	166	597	308	203	398	198	60	15	6	27.9
Bookkeepers and cashiers	-	336	-	9	72	49	23	84	52	41	-	6	36.8
Office machine operators	-	99	-	10	40	14	28	7	-	-	-	-	...
Secretaries, stenographers, and typists	-	673	-	59	218	125	59	120	85	7	-	-	27.4
Other clerical and kindred workers	-	912	69	88	267	120	93	187	61	12	15	-	26.3
Craftsmen and kindred workers	-	69	-	6	31	6	-	6	20	-	-	-	...
Operatives, except transport	20	1 085	27	108	198	169	124	229	144	46	16	24	31.6
Sewers and stitchers	-	164	-	11	54	13	8	36	19	13	-	10	32.5
Laundry and drycleaning operatives, including ironers	-	87	-	7	9	-	17	8	33	7	6	-	...
Other operatives, except transport	20	834	27	90	135	156	99	185	92	26	10	14	30.5
Durable goods, manufacturing	8	100	7	-	23	-	20	27	7	6	4	6	...
Nondurable goods, including not specified manufacturing	12	554	8	69	73	129	60	137	58	14	6	-	29.9
Nonmanufacturing industries	-	180	12	21	39	27	19	21	27	6	-	8	28.3
Transport equipment operatives	-	16	10	-	-	-	-	-	-	-	-	6	...
Laborers, except farm	5	130	24	15	13	14	18	11	20	15	-	-	29.6
Farmers and farm managers	-	22	-	-	-	8	9	-	-	-	5	-	...
Farm laborers and farm foremen	5	461	28	44	115	75	46	74	54	6	-	19	27.9
Service workers, except private household[1]	-	1 278	74	75	260	242	144	255	130	61	30	7	29.8
Cleaning service workers	-	146	11	7	-	16	25	33	38	4	12	-	39.2
Food service workers	-	446	33	24	103	41	72	109	32	20	5	7	31.5
Health service workers	-	331	-	24	77	83	20	57	47	16	7	-	28.9
Practical nurses	-	68	-	-	13	21	15	-	12	7	-	-	...
Personal service workers	-	253	17	-	44	84	27	47	13	21	-	-	28.9
Protective service workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Private household workers	44	174	21	15	34	28	19	18	25	-	-	14	28.0

[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
PORTLAND, OREG.–WASH., SMSA													
Total													
Male employed	2 992	244 796	7 050	7 990	25 411	30 482	25 767	49 801	51 974	21 442	14 977	9 902	40.2
Professional, technical, and kindred workers	19	36 248	119	277	3 090	5 826	5 352	9 390	7 176	2 422	1 446	1 150	38.7
Accountants	–	3 237	–	–	254	570	376	700	752	276	175	134	41.0
Architects	–	472	–	–	14	26	88	96	152	32	52	12	45.8
Computer specialists	–	942	–	18	154	272	234	173	75	11	5	–	30.6
Engineers	–	6 037	7	5	273	826	1 013	1 676	1 380	511	245	101	40.3
Aeronautical and astronautical	–	3	–	–	–	–	–	–	3	–	–	–	...
Civil	–	1 630	7	5	44	186	258	421	410	162	92	45	42.5
Electrical and electronic	–	1 431	–	–	76	153	288	358	389	83	75	9	40.5
Mechanical	–	844	–	–	28	114	133	258	171	96	32	12	40.7
Other engineers	–	2 129	–	–	125	373	334	639	407	170	46	35	38.6
Lawyers and judges	–	1 518	–	–	5	244	202	397	331	161	71	107	42.8
Life and physical scientists	–	682	–	12	53	106	58	229	150	32	42	–	39.9
Chemists	–	341	–	–	26	51	43	108	70	25	18	–	39.7
Physicians, dentists, and related practitioners	–	3 206	–	–	13	248	426	1 011	819	257	178	254	44.1
Dentists	–	622	–	–	–	48	82	200	164	43	39	46	44.1
Pharmacists	–	505	–	–	6	39	71	145	107	41	30	66	44.4
Physicians, medical and osteopathic	–	1 753	–	–	7	150	236	566	449	146	99	100	43.5
Other related practitioners	–	326	–	–	–	11	37	100	99	27	10	42	46.5
Health technologists and technicians	–	631	–	38	155	108	83	94	94	36	11	12	30.9
Religious workers	–	1 156	–	–	66	115	83	255	296	129	124	88	47.0
Social scientists	–	491	–	–	23	110	55	162	99	31	11	–	38.5
Social and recreation workers	–	553	–	4	88	117	97	108	75	29	18	17	33.5
Teachers	–	6 404	28	17	544	1 265	941	1 945	1 072	325	135	132	37.1
College and university	–	1 745	–	8	153	223	212	556	340	130	47	76	40.0
Elementary and prekindergarten	–	1 489	5	–	95	350	208	492	245	61	22	11	36.8
Secondary	–	2 776	4	–	260	626	477	801	414	118	61	15	35.3
Engineering and science technicians	–	3 401	14	74	620	701	572	704	462	138	83	33	32.5
Draftsmen and surveyors	–	1 806	6	44	381	336	289	310	268	77	67	28	32.4
Electrical and electronic engineering technicians	–	742	4	–	104	218	109	197	83	17	5	5	32.1
Technicians, except health, and engineering and science	–	397	–	–	23	83	65	109	82	15	16	4	37.5
Airplane pilots	–	114	–	–	5	18	27	48	16	–	–	–	36.5
Writers, artists, and entertainers	5	2 693	49	76	335	430	411	597	396	177	94	128	35.8
Other professional, technical, and kindred workers	14	4 428	21	33	470	605	648	1 134	941	262	186	128	38.9
Managers and administrators, except farm	23	32 593	50	112	1 695	3 215	3 496	8 067	8 768	3 249	2 423	1 518	44.6
Buyers, purchasing agents, and sales managers	–	4 730	–	15	277	557	608	1 325	1 222	375	242	109	41.9
School administrators	–	857	–	–	10	64	94	277	279	34	89	10	44.4
Specified managers and administrators, public administration	–	1 603	5	–	24	58	125	344	539	266	181	61	49.6
Other specified managers and administrators	11	6 112	–	37	577	828	629	1 197	1 408	583	481	372	43.2
Managers and administrators, n.e.c., salaried	7	14 838	30	60	688	1 447	1 672	3 899	4 096	1 427	933	586	44.0
Manufacturing	7	3 430	–	–	83	300	452	1 019	957	310	207	102	43.6
Wholesale and retail trade	–	4 930	21	20	374	630	555	1 150	1 284	445	276	175	42.5
Transportation, communications, and other public utilities	–	1 782	–	7	78	161	149	424	547	224	106	86	46.3
All other industries	–	4 696	9	33	153	356	516	1 306	1 308	448	344	223	44.8
Managers and administrators, n.e.c., self-employed	5	4 453	15	–	119	261	368	1 025	1 224	564	497	380	48.6
Construction	–	1 033	10	–	26	78	142	189	295	118	116	59	47.4
Manufacturing	5	441	–	–	13	37	29	85	96	79	60	42	50.9
Wholesale and retail trade	–	1 953	5	–	34	106	129	531	517	238	205	188	48.3
All other industries	–	1 026	–	–	46	40	68	220	316	129	116	91	49.4
Sales workers	983	21 494	505	395	1 920	2 914	2 481	4 417	4 576	1 671	1 373	1 242	40.7
Insurance agents, brokers, and underwriters	4	2 459	–	–	134	386	329	569	565	190	127	159	41.7
Real estate agents and brokers	–	1 410	5	–	21	117	116	274	250	194	184	249	51.9
Sales representatives, manufacturing industries	6	2 643	8	–	172	320	469	615	625	165	178	91	40.7
Sales representatives, wholesale trade	10	5 535	17	46	306	857	691	1 221	1 359	549	314	175	42.0
Sales clerks, retail trade	53	3 669	220	233	631	484	259	572	502	299	214	255	35.1
Salesmen, retail trade	–	2 543	42	37	237	372	222	492	636	152	169	184	42.3
Salesmen of services and construction	15	1 116	10	–	118	102	190	272	282	49	60	33	40.1
Other sales workers	895	2 119	203	79	301	276	205	402	357	73	127	96	34.9
Clerical and kindred workers	89	18 291	269	603	2 641	2 438	1 745	3 372	4 020	1 606	1 051	546	39.3
Bank tellers and cashiers	5	1 075	36	103	319	163	65	142	103	80	47	17	27.4
Bookkeepers and billing clerks	–	1 174	4	15	129	155	104	221	253	105	106	82	43.1
Mail handlers and postal clerks	4	2 574	20	48	212	205	204	597	860	266	130	32	45.0
Other clerical and kindred workers	80	13 468	209	437	1 981	1 915	1 372	2 412	2 804	1 155	768	415	38.4
Craftsmen and kindred workers	51	50 552	305	914	4 366	6 392	5 775	10 663	12 072	5 190	3 435	1 440	42.1
Apparel craftsmen and upholsterers	–	521	–	10	55	58	44	101	85	52	46	70	44.3
Bakers	–	600	11	4	49	42	87	96	133	73	76	29	45.8
Cabinetmakers	–	527	–	14	79	54	56	64	158	46	39	17	44.5
Construction craftsmen	25	13 003	102	238	987	1 690	1 517	2 588	3 096	1 432	962	391	42.6
Carpenters	5	4 559	37	93	379	558	485	741	1 165	547	386	168	44.8
Excavating, grading, and road machine operators	10	1 358	5	26	50	171	185	274	381	148	106	12	43.8
Electricians	–	2 044	14	12	131	311	248	449	424	253	149	53	41.8
Masons and tile setters	–	603	10	4	24	79	69	189	155	35	17	21	41.1
Painters, construction and maintenance, and paperhangers	10	1 618	25	26	167	197	184	290	294	200	138	97	42.2
Plasterers and cement finishers	–	405	–	21	41	35	26	130	100	17	26	9	41.1
Plumbers and pipe fitters	–	1 498	6	36	110	203	196	311	385	147	77	27	41.5
Other construction craftsmen	–	918	5	20	85	136	124	204	192	85	63	4	39.4
Foremen, n.e.c.	9	6 773	5	24	232	673	676	1 912	1 856	788	513	94	44.3
Manufacturing	4	3 414	5	19	129	380	359	973	911	390	202	46	43.4
Nonmanufacturing industries	5	3 359	–	5	103	293	317	939	945	398	311	48	45.2
Linemen and servicemen, telephone and power	–	1 864	5	36	264	337	158	478	437	84	47	18	37.8
Locomotive engineers and firemen	–	522	–	–	9	48	40	84	197	71	41	32	49.1
Mechanics and repairmen	5	11 605	101	300	1 205	1 514	1 456	2 288	2 670	1 067	702	302	40.4
Air conditioning, heating, and refrigeration	–	434	–	–	21	29	50	109	96	64	26	39	45.8
Aircraft	–	314	–	4	35	41	58	116	44	10	6	–	36.6
Automobile, including body	–	5 065	47	150	638	721	619	905	1 130	484	233	138	39.0
Radio and television	5	633	4	25	77	61	101	108	155	41	47	14	39.5
Other mechanics and repairmen	–	5 159	50	121	434	662	628	1 050	1 245	468	390	111	41.5
Metal craftsmen, except mechanics	–	5 831	6	81	577	806	621	1 258	1 306	658	353	165	41.6
Machinists and job and die setters	–	2 661	6	43	273	393	294	556	552	305	161	78	40.8
Sheetmetal workers and tinsmiths	–	1 168	–	30	197	210	145	225	188	79	45	49	35.1
Tool and die makers	–	409	–	–	17	20	28	119	160	31	23	11	46.3
Other metal craftsmen	–	1 593	–	8	90	183	154	358	406	243	124	27	45.1
Printing craftsmen	–	1 689	11	48	236	235	236	343	295	152	91	42	37.3
Compositors and typesetters	–	631	–	37	103	88	86	80	93	81	39	24	35.2
Pressmen and plate printers, printing	–	741	11	11	102	92	121	181	113	65	33	12	36.9
Stationary engineers and power station operators	–	724	5	–	9	89	81	139	259	71	51	20	46.5
Other craftsmen and kindred workers	12	6 893	59	159	664	846	803	1 312	1 580	696	514	260	42.0

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
PORTLAND, OREG.–WASH., SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	170	27 857	902	1 738	4 555	4 164	2 744	4 671	4 757	2 183	1 507	636	34.7
Assemblers	–	1 399	24	112	305	277	95	212	200	69	79	26	29.7
Checkers, examiners, and inspectors; manufacturing	–	738	–	4	114	164	126	95	116	67	41	11	33.5
Garage workers and gas station attendants	79	2 266	490	575	483	176	87	153	115	45	77	65	20.7
Laundry and drycleaning operatives, n.e.c	5	313	21	24	33	23	41	44	59	33	24	11	38.3
Meat cutters and butchers	–	1 153	26	32	68	93	130	251	273	122	111	47	44.1
Mine operatives, n.e.c	–	103	–	6	–	5	12	56	5	19	–	–	40.1
Packers and wrappers, except produce	6	741	51	74	164	122	59	115	68	42	25	21	28.3
Painters, manufactured articles	–	442	7	17	78	77	53	59	85	35	22	9	34.0
Precision machine operatives	–	1 368	4	38	241	269	175	203	226	102	68	42	33.8
Sawyers	–	689	12	27	119	88	67	86	157	60	40	33	38.7
Stationary firemen	–	358	6	–	18	38	33	82	122	34	10	15	45.2
Textile operatives	–	129	–	10	21	24	4	15	25	17	9	4	38.7
Welders and flamecutters	–	3 465	3	30	413	551	421	702	682	376	195	92	39.5
Other metalworking operatives	5	1 511	5	68	332	225	113	313	248	107	76	24	35.4
Other specified operatives	54	4 588	71	241	649	709	449	850	867	396	237	119	37.1
Miscellaneous and not specified operatives	21	8 594	182	480	1 517	1 323	879	1 435	1 509	659	493	117	34.5
Occupation:													
Machine operatives, miscellaneous specified	–	4 050	49	198	670	629	409	717	791	306	239	42	36.0
Machine operatives, not specified	–	1 274	15	57	238	254	115	258	216	49	58	14	33.2
Miscellaneous operatives	17	2 291	99	160	496	299	234	294	331	203	124	51	32.0
Not specified operatives	4	979	19	65	113	141	121	166	171	101	72	10	36.8
Industry:													
Manufacturing	13	6 932	92	426	1 234	1 082	695	1 198	1 223	529	383	70	34.5
Durable goods	9	4 039	58	240	744	679	415	643	675	297	236	52	33.6
Wood products, including furniture	–	967	15	44	144	87	76	158	222	122	75	24	42.4
Primary metal industries	–	1 079	–	17	177	179	144	209	205	90	58	–	36.1
Fabricated metal industries	–	573	11	65	95	144	39	103	46	28	36	6	29.0
Machinery, including electrical	5	661	9	57	166	104	67	89	96	36	27	10	29.7
Motor vehicles and equipment	–	99	5	–	15	28	20	17	9	–	5	–	...
Transportation equipment, except motor vehicles	–	196	–	9	54	37	33	23	25	–	10	5	29.7
Other durable goods	4	464	18	48	93	100	36	44	72	21	25	7	28.7
Nondurable goods	4	2 864	31	186	476	403	280	547	548	232	147	14	36.0
Food and kindred products	4	519	4	46	75	67	43	63	129	66	26	–	38.9
Apparel and other fabricated textile products	–	113	7	37	32	6	9	5	6	6	5	–	22.0
Paper and allied products	–	1 628	–	40	277	255	161	370	326	102	83	14	37.2
Chemicals and allied products	–	340	–	4	34	36	36	91	72	44	23	–	41.6
Other nondurable goods	–	264	20	59	58	39	31	18	15	14	10	–	24.6
Not specified manufacturing industries	–	29	3	–	14	–	–	8	–	–	–	4	...
Nonmanufacturing industries	8	1 662	90	54	283	241	184	237	286	130	110	47	34.4
Transportation, communications, and other public utilities	–	334	10	–	58	58	42	63	63	23	8	9	34.9
Wholesale and retail trade	4	712	52	35	125	88	80	74	126	58	52	22	33.5
All other industries	4	616	28	19	100	95	62	100	97	49	50	16	35.4
Transport equipment operatives	48	15 584	233	442	1 708	1 916	1 622	3 463	3 601	1 526	773	300	40.4
Bus drivers	–	818	–	21	90	69	49	170	189	95	76	59	45.5
Taxicab drivers and chauffeurs	–	540	5	15	47	45	48	98	158	70	22	32	45.8
Truck drivers and deliverymen	29	11 008	196	304	1 074	1 365	1 224	2 587	2 539	1 078	512	129	40.2
Other transport equipment operatives	19	3 218	32	102	497	437	301	608	715	283	163	80	38.9
Laborers, except farm	690	17 122	1 633	1 628	2 793	1 706	1 228	2 347	2 877	1 383	829	698	33.3
Construction laborers	19	2 198	63	184	365	185	208	363	478	195	128	29	37.6
Freight, stock, and material handlers	72	7 542	756	786	1 307	850	581	1 076	1 194	614	248	130	30.6
Other specified laborers	519	4 758	583	430	614	457	302	551	780	344	318	379	34.9
Miscellaneous and not specified laborers	80	2 624	231	228	507	214	137	357	425	230	135	160	34.8
Occupation:													
Miscellaneous laborers	20	797	32	46	134	58	28	158	146	57	90	48	41.4
Not specified laborers	60	1 827	199	182	373	156	109	199	279	173	45	112	30.2
Industry:													
Manufacturing	6	1 275	47	133	289	137	84	184	213	122	38	28	31.9
Durable goods	6	890	35	80	182	90	55	135	168	87	38	20	35.2
Wood products, including furniture	–	313	13	28	47	26	–	68	56	45	24	6	41.3
Metal industries	6	370	19	32	89	32	31	42	75	36	14	–	32.1
Machinery, including electrical	–	39	–	6	10	6	–	5	6	6	–	–	...
Transportation equipment	–	71	3	4	11	9	8	11	16	–	–	9	...
Other durable goods	–	97	–	10	25	17	16	9	15	–	–	5	...
Nondurable goods	–	368	12	53	100	47	29	49	35	35	–	8	27.0
Food and kindred products	–	88	–	30	18	5	8	10	10	7	–	–	...
Not specified manufacturing industries	–	17	–	–	7	–	–	–	10	–	–	–	...
Nonmanufacturing industries	74	1 349	184	95	218	77	53	173	212	108	97	132	37.7
Railroads and railway express service	7	276	6	10	45	14	18	34	76	20	30	23	46.4
Transportation, except railroads	–	67	6	–	20	4	3	11	5	13	5	–	...
Communications, and utilities and sanitary services	–	131	–	–	20	5	10	33	28	11	24	–	44.2
Wholesale and retail trade	55	401	106	46	70	15	6	37	49	13	25	34	23.5
All other industries	12	474	66	39	63	39	16	58	54	51	13	75	37.4
Farmers and farm managers	22	2 633	11	35	48	93	129	473	533	365	339	607	54.9
Farm laborers and farm foremen	285	2 536	476	236	258	174	142	195	351	238	203	263	34.4
Paid farm laborers and farm foremen	258	2 374	447	200	216	169	142	195	351	230	195	229	35.7
Unpaid family workers	27	162	29	36	42	5	–	–	–	8	8	34	21.9
Service workers, except private household[1]	574	19 759	2 520	1 601	2 328	1 644	1 048	2 737	3 227	1 609	1 585	1 460	37.7
Cleaning service workers	234	6 986	685	403	740	394	196	799	1 174	829	945	821	47.4
Food service workers	229	5 225	1 565	907	606	302	187	510	511	271	205	161	21.2
Cooks, except private household	36	1 811	308	343	202	132	65	239	220	126	97	79	27.0
Busboys and dishwashers	119	1 679	947	416	136	35	31	32	23	8	29	22	17.8
Health service workers	7	593	30	61	208	44	24	83	82	19	19	23	24.9
Personal service workers	59	1 838	122	94	244	168	126	300	373	147	116	148	40.5
Protective service workers	5	3 528	13	20	323	511	401	816	760	233	227	224	41.1
Firemen, fire protection	–	1 094	–	–	66	186	200	323	272	21	18	8	37.9
Guards and watchmen	5	858	7	11	76	37	43	85	160	96	144	199	55.5
Policemen and detectives	–	1 290	6	9	170	246	132	321	274	88	39	5	37.6
Private household workers	38	127	27	9	9	–	5	6	16	–	13	42	49.7

[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
PORTLAND, OREG.–WASH., SMSA—Continued													
Total—Continued													
Female employed	1 709	154 844	4 646	8 569	25 006	16 537	11 851	27 675	31 988	13 317	9 154	6 101	38.9
Professional, technical, and kindred workers	44	24 526	83	271	3 742	4 018	2 454	4 646	4 714	1 971	1 724	903	38.6
Accountants	–	1 346	7	34	204	150	102	278	288	137	86	60	41.3
Computer specialists	–	169	–	7	56	22	16	49	14	–	5	–	29.9
Librarians	8	532	5	24	51	81	30	66	107	73	68	27	45.8
Mathematical specialists	–	36	–	–	–	21	–	–	5	5	5	–	...
Life and physical scientists	–	177	–	8	20	23	16	39	42	16	9	4	40.5
Registered nurses, dietitians, and therapists	–	5 382	9	13	652	768	640	1 035	1 241	487	378	159	40.9
Dietitians	–	188	–	4	7	14	26	54	45	5	24	9	43.0
Registered nurses	–	4 932	9	9	598	681	581	921	1 171	463	349	150	41.4
Health technologists and technicians	–	1 198	5	24	343	263	135	207	128	37	38	18	29.3
Social scientists	–	80	–	–	6	8	12	22	18	14	–	–	...
Social and recreation workers	–	845	6	5	94	170	41	186	161	93	55	34	40.7
Teachers: College and university	–	804	–	28	33	104	110	257	158	40	43	31	39.9
Elementary and prekindergarten	17	6 091	14	37	953	1 139	531	1 123	1 096	524	509	165	38.3
Secondary	–	2 327	6	–	494	483	231	427	356	155	135	40	33.9
Other teachers	13	892	4	23	65	119	94	163	138	100	81	105	43.7
Engineering and science technicians	–	494	–	9	77	58	43	98	140	38	23	8	41.1
Technicians, except health, and engineering and science	–	61	–	–	9	–	5	14	27	6	–	–	...
Writers, artists, and entertainers	–	1 218	23	31	227	198	156	182	201	60	92	48	34.2
Actors and dancers	–	59	6	10	21	17	5	–	–	–	–	–	...
Authors, editors, and reporters	–	229	–	–	13	47	35	35	50	10	33	6	40.6
Other professional, technical, and kindred workers	6	2 874	4	28	458	411	292	500	594	186	197	204	39.9
Managers and administrators, except farm	5	6 420	–	35	393	438	390	1 347	1 827	915	582	493	48.3
Buyers, purchasing agents, and sales managers	–	643	–	–	73	52	30	135	197	57	58	41	46.6
Restaurant, cafeteria, and bar managers	–	654	–	–	17	30	45	142	172	113	79	56	50.4
School administrators	–	318	–	–	24	4	34	60	118	54	15	9	48.1
Other specified managers and administrators	–	1 788	–	10	134	157	97	408	365	231	212	174	47.4
Managers and administrators, n.e.c., salaried	–	2 258	–	25	140	173	151	454	712	312	161	130	47.6
Wholesale and retail trade	–	747	–	5	39	58	60	137	272	96	55	25	47.7
Managers and administrators, n.e.c., self-employed	5	759	–	–	5	22	33	148	263	148	57	83	51.5
Wholesale and retail trade	5	406	–	–	5	10	13	68	150	81	27	52	52.1
Sales workers	27	11 935	495	886	1 370	927	755	2 110	2 755	1 181	891	565	42.3
Demonstrators, hucksters, and peddlers	–	1 234	5	18	114	186	173	302	241	92	56	47	39.0
Insurance, real estate agents, and brokers	–	1 018	–	10	61	121	93	180	317	69	91	76	46.4
Sales clerks, retail trade	6	7 322	389	722	862	359	328	1 214	1 709	793	603	343	43.2
Salesmen, retail trade	–	303	17	14	65	9	–	35	69	40	26	28	46.7
Other sales workers	21	2 058	84	122	268	252	161	379	419	187	115	71	38.7
Clerical and kindred workers	185	59 429	1 309	3 876	12 544	6 785	4 744	10 360	12 080	4 136	2 397	1 198	35.4
Bank tellers	–	1 296	4	16	380	258	109	256	213	40	15	5	29.8
Bookkeepers	–	7 838	32	154	881	791	631	1 747	2 145	712	501	244	43.2
Cashiers	18	3 011	209	277	494	187	169	599	620	268	122	66	37.8
Counter clerks, except food	–	929	21	108	120	75	71	173	189	66	80	26	39.0
Enumerators and interviewers	–	271	4	12	27	44	18	65	62	23	6	10	39.7
File clerks	18	1 553	138	352	392	80	80	190	162	66	63	30	23.7
Office machine operators	9	2 762	9	246	855	486	289	411	276	98	89	3	27.8
Bookkeeping and billing machine operators	–	415	–	44	83	77	51	75	46	11	28	–	30.3
Keypunch operators	4	1 589	4	150	587	327	177	191	100	36	14	3	25.8
Payroll and timekeeping clerks	–	539	–	22	84	81	23	96	130	59	31	13	41.2
Receptionists	14	2 068	51	162	623	239	166	316	318	90	42	61	29.1
Secretaries	15	15 261	161	590	3 453	2 061	1 406	2 702	3 150	1 014	516	208	34.9
Stenographers	–	895	–	37	159	98	49	95	275	124	43	15	45.3
Telephone operators	–	2 256	42	294	649	278	143	278	300	119	77	76	27.6
Typists	13	4 071	106	398	1 161	435	330	561	603	275	160	42	29.3
Other clerical and kindred workers	98	16 679	532	1 208	3 266	1 672	1 260	2 871	3 637	1 182	652	399	36.4
Craftsmen and kindred workers	–	2 717	20	84	231	196	207	565	677	415	195	127	45.8
Foremen, n.e.c.	–	672	5	15	71	45	28	157	194	103	45	9	45.8
Operatives, except transport	37	14 368	149	674	2 098	1 340	1 136	2 859	3 305	1 453	920	434	41.3
Assemblers	5	2 379	21	110	518	313	182	543	482	141	69	–	35.8
Bottling and canning operatives	–	59	–	5	–	5	–	24	6	15	4	–	...
Checkers, examiners, and inspectors; manufacturing	–	885	15	19	67	78	51	212	266	120	48	9	45.0
Dressmakers and seamstresses, except factory	–	377	–	–	8	15	14	64	75	28	85	88	57.2
Laundry and dry cleaning operatives, including ironers	10	1 298	22	54	111	49	98	200	364	205	138	57	48.2
Graders and sorters, manufacturing	–	82	–	–	4	5	10	24	6	23	–	10	...
Packers and wrappers, except produce	3	1 561	21	58	206	162	143	317	411	135	93	15	41.0
Sewers and stitchers	7	2 265	–	121	311	216	167	412	530	235	211	62	42.7
Textile operatives	–	246	–	14	59	11	39	6	89	10	9	9	35.0
Other specified operatives	8	2 250	39	95	291	214	168	509	434	251	130	119	41.2
Miscellaneous and not specified operatives	4	2 966	31	198	523	272	264	548	642	290	133	65	38.6
Manufacturing	–	2 473	28	148	460	235	229	478	511	239	107	38	37.9
Durable goods	–	1 302	9	101	283	145	127	270	240	87	35	5	34.4
Machinery, including electrical	–	763	3	59	182	87	90	152	115	58	17	–	32.8
Other durable goods	–	539	6	42	101	58	37	118	125	29	18	5	37.2
Nondurable goods, including not specified manufacturing	–	1 171	19	47	177	90	102	208	271	152	72	33	42.2
Food and kindred products	–	224	11	6	–	21	19	46	68	25	20	8	46.3
Apparel and other fabricated textile products	–	347	4	12	59	25	41	75	54	47	16	14	39.3
Nonmanufacturing industries	4	493	3	50	63	37	35	70	131	51	26	27	43.4
Transport equipment operatives	5	790	9	9	62	87	57	326	130	48	43	19	40.2
Laborers, except farm	52	1 650	90	138	270	135	115	341	277	76	87	121	37.3
Farmers and farm managers	9	403	–	–	4	–	45	49	122	46	42	95	53.5
Farm laborers and farm foremen	110	1 011	82	50	48	49	63	221	192	126	92	88	44.7
Paid farm laborers and farm foremen	98	812	71	34	48	33	52	181	148	97	74	74	44.3
Unpaid family workers	12	199	11	16	–	16	11	40	44	29	18	14	46.3
Service workers, except private household[1]	439	27 709	1 821	2 371	4 009	2 391	1 775	4 429	5 271	2 654	1 762	1 226	38.4
Cleaning service workers	30	3 339	107	136	250	158	162	430	859	468	431	338	50.0
Chambermaids and maids	–	984	49	38	116	58	50	127	232	117	90	107	47.3
Food service workers	155	11 475	1 198	1 231	1 221	892	739	2 033	2 261	1 064	502	334	37.2
Cooks, except private household	23	2 754	83	126	122	120	119	510	840	478	238	118	48.5
Waiters and food counter workers	72	5 870	884	827	877	573	377	952	844	304	124	108	28.0
Health service workers	34	6 300	188	606	1 317	536	352	895	1 127	628	428	223	36.7
Nursing aides, orderlies, and attendants	23	3 298	144	322	558	250	199	496	587	380	231	131	38.5
Practical nurses	–	1 274	–	24	175	172	61	215	305	119	135	68	44.5
Personal service workers	84	3 988	214	219	858	496	317	539	586	326	251	182	33.3
Hairdressers and cosmetologists	–	1 986	5	79	587	354	154	254	333	102	77	41	29.5
Private household workers	796	3 886	588	175	235	171	110	422	638	296	419	832	48.8
Private household workers, living in	–	420	–	18	39	17	–	36	117	32	65	96	53.5
Private household workers, living out	796	3 466	588	157	196	154	110	386	521	264	354	736	47.7

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	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
SEATTLE–EVERETT SMSA													
Total													
Male employed	4 584	349 121	8 706	11 421	35 907	48 097	40 531	74 892	73 632	27 712	18 010	10 213	39.0
Professional, technical, and kindred workers	21	69 379	117	416	4 794	12 007	10 860	19 542	14 420	3 663	2 248	1 312	38.3
Accountants	–	4 561	11	5	243	845	587	1 149	1 005	307	247	162	40.1
Architects	–	1 013	5	4	49	166	156	280	215	56	57	25	39.5
Computer specialists	–	2 112	–	10	167	763	497	516	132	17	10	–	31.2
Engineers	–	20 007	7	13	672	2 522	3 376	6 470	5 084	1 195	522	146	40.3
Aeronautical and astronautical	–	5 452	–	7	158	642	844	1 851	1 543	331	71	5	40.8
Civil	–	2 488	–	–	101	427	376	801	509	135	108	31	39.2
Electrical and electronic	–	3 689	7	–	151	543	708	1 270	759	146	79	26	38.4
Mechanical	–	3 071	–	6	75	289	500	832	989	247	85	48	43.0
Other engineers	–	5 307	–	–	187	621	948	1 716	1 284	336	179	36	40.2
Lawyers and judges	–	2 217	–	–	31	300	367	636	493	137	137	116	41.5
Life and physical scientists	5	1 008	–	–	67	214	177	293	170	39	29	19	36.6
Chemists	–	388	–	–	25	90	84	96	62	25	6	–	34.7
Physicians, dentists, and related practitioners	–	4 485	–	5	64	511	652	1 301	1 129	328	222	273	42.8
Dentists	–	919	–	–	–	96	129	295	211	75	33	80	42.9
Pharmacists	–	736	–	–	48	109	76	176	196	63	28	40	42.7
Physicians, medical and osteopathic	–	2 411	–	–	16	269	381	732	567	178	149	119	42.4
Other related practitioners	–	419	–	5	–	37	66	98	155	12	12	34	45.2
Health technologists and technicians	–	585	–	4	66	177	116	84	92	37	4	5	32.0
Religious workers	–	1 266	–	5	48	116	97	361	350	109	77	103	45.2
Social scientists	–	809	–	6	33	182	142	266	99	28	28	25	36.6
Social and recreation workers	7	750	8	16	120	170	91	142	119	56	4	24	33.4
Teachers	–	9 940	15	54	981	2 174	1 598	2 802	1 518	395	269	134	35.5
College and university	–	3 479	–	21	313	640	640	955	606	142	114	48	36.3
Elementary and prekindergarten	–	1 800	–	11	208	420	294	495	258	73	32	9	34.4
Secondary	–	3 918	5	5	404	962	597	1 184	540	130	76	15	34.9
Engineering and science technicians	4	6 038	10	61	723	1 321	910	1 522	1 028	240	185	38	35.0
Draftsmen and surveyors	–	2 695	–	29	382	586	397	670	437	91	84	19	34.4
Electrical and electronic engineering technicians	–	1 606	–	18	148	374	259	400	294	64	44	5	35.1
Technicians, except health, and engineering and science	–	2 712	–	18	163	430	453	728	731	162	23	4	39.0
Airplane pilots	–	1 235	–	–	5	164	253	392	374	47	–	–	40.0
Writers, artists, and entertainers	5	4 671	40	135	637	784	631	1 120	885	180	154	105	36.0
Other professional, technical, and kindred workers	–	7 205	21	80	730	1 332	1 010	1 872	1 370	377	280	133	37.3
Managers and administrators, except farm	47	43 086	62	281	2 029	4 410	4 955	11 195	11 706	4 321	2 555	1 572	43.8
Buyers, purchasing agents, and sales managers	–	6 779	4	23	352	879	885	1 860	1 672	690	291	123	41.7
School administrators	5	992	5	9	14	50	111	396	269	66	67	5	42.8
Specified managers and administrators, public administration	–	2 477	5	–	74	221	211	574	781	325	213	73	47.0
Other specified managers and administrators	34	7 946	10	82	574	914	861	1 732	2 030	748	598	397	43.8
Managers and administrators, n.e.c., salaried	4	19 241	32	153	887	2 018	2 319	5 144	5 363	1 787	970	568	43.2
Manufacturing	4	4 779	12	13	102	310	531	1 581	1 428	526	160	116	44.0
Wholesale and retail trade	–	5 958	15	94	486	901	737	1 372	1 437	435	274	207	40.4
Transportation, communications, and other public utilities	–	2 138	–	–	25	193	269	525	680	215	174	57	45.8
All other industries	–	6 366	5	46	274	614	782	1 666	1 818	611	362	188	43.8
Managers and administrators, n.e.c., self-employed	4	5 651	6	14	128	328	568	1 489	1 591	705	416	406	46.8
Construction	–	1 277	–	–	23	48	157	387	460	120	35	47	45.5
Manufacturing	–	465	–	4	5	21	44	90	155	50	25	71	49.4
Wholesale and retail trade	4	2 561	6	5	66	169	286	631	635	373	244	146	46.9
All other industries	–	1 348	–	5	34	90	81	381	341	162	112	142	47.4
Sales workers	2 160	29 101	664	845	2 743	4 147	3 555	6 013	6 070	2 257	1 430	1 377	39.3
Insurance agents, brokers, and underwriters	10	3 318	–	9	290	573	489	825	687	158	153	134	38.6
Real estate agents and brokers	–	3 201	–	–	99	281	282	662	813	462	323	279	48.4
Sales representatives, manufacturing industries	–	3 034	–	28	109	533	498	842	623	190	118	93	39.1
Sales representatives, wholesale trade	–	6 912	9	39	435	1 164	872	1 611	1 681	510	295	296	40.8
Sales clerks, retail trade	63	5 160	273	508	996	608	486	660	761	369	257	242	32.0
Salesmen, retail trade	6	3 087	34	78	314	449	362	615	702	270	109	154	40.0
Salesmen of services and construction	–	1 392	–	15	147	204	233	269	264	119	76	65	38.6
Other sales workers	2 081	2 997	348	168	353	335	333	529	539	179	99	114	34.4
Clerical and kindred workers	141	26 289	461	1 100	4 227	3 849	2 596	4 717	5 088	2 098	1 296	857	36.9
Bank tellers and cashiers	13	1 121	90	138	359	141	76	66	98	60	51	42	24.6
Bookkeepers and billing clerks	6	1 485	4	42	185	218	162	240	321	115	89	109	40.5
Mail handlers and postal clerks	8	3 478	32	90	467	365	254	738	906	414	151	61	42.2
Other clerical and kindred workers	114	20 205	335	830	3 216	3 125	2 104	3 673	3 763	1 509	1 005	645	36.3
Craftsmen and kindred workers	99	78 027	389	1 214	7 416	10 979	9 099	16 885	18 725	6 988	4 551	1 781	40.9
Apparel craftsmen and upholsterers	–	450	–	20	72	38	36	50	90	56	43	45	46.0
Bakers	–	624	–	19	90	60	80	120	147	67	30	11	40.3
Cabinetmakers	–	530	5	19	41	78	58	76	143	44	46	20	43.4
Construction craftsmen	44	21 647	137	348	2 177	3 059	2 614	4 625	4 954	1 876	1 327	530	40.4
Carpenters	6	6 957	44	137	619	790	821	1 492	1 707	665	484	198	42.2
Excavating, grading, and road machine operators	6	1 782	–	16	97	209	196	452	508	174	119	11	43.3
Electricians	5	4 834	11	18	645	961	646	1 018	896	383	195	61	36.3
Masons and tile setters	7	804	7	12	55	107	109	187	224	47	47	9	41.0
Painters, construction and maintenance, and paperhangers	20	2 312	64	102	249	258	229	403	511	173	181	142	41.3
Plasterers and cement finishers	–	692	–	8	64	113	95	162	121	50	63	16	39.1
Plumbers and pipe fitters	–	2 852	–	29	337	359	332	546	693	298	196	62	41.8
Other construction craftsmen	–	1 414	11	26	111	262	186	365	294	86	42	31	38.0
Foremen, n.e.c.	–	9 392	5	39	254	801	1 076	2 540	3 077	973	505	122	44.9
Manufacturing	–	5 295	–	12	88	320	587	1 551	1 895	505	284	53	45.5
Nonmanufacturing industries	–	4 097	5	27	166	481	489	989	1 182	468	221	69	43.9
Linemen and servicemen, telephone and power	–	3 042	–	67	513	561	442	739	524	130	58	8	34.3
Locomotive engineers and firemen	–	475	–	4	24	29	30	101	149	76	43	19	48.3
Mechanics and repairmen	21	19 862	128	344	2 302	3 361	2 350	4 235	4 500	1 569	808	265	38.4
Air conditioning, heating, and refrigeration	–	666	5	6	72	86	62	148	177	51	40	19	41.9
Aircraft	5	6 567	6	18	707	1 349	792	1 469	1 554	461	192	19	37.8
Automobile, including body	10	5 639	43	188	763	874	691	1 028	1 286	431	244	91	37.5
Radio and television	–	1 026	5	35	161	145	105	269	146	91	35	34	37.3
Other mechanics and repairmen	6	5 964	69	97	599	907	700	1 321	1 337	535	297	102	39.6
Metal craftsmen, except mechanics	–	9 800	20	84	732	1 337	984	2 025	2 438	1 162	769	249	43.6
Machinists and job and die setters	–	4 205	10	40	347	626	427	876	914	502	345	118	42.4
Sheetmetal workers and tinsmiths	–	1 740	4	29	143	270	181	366	449	177	91	30	41.6
Tool and die makers	–	1 449	–	–	67	163	163	286	452	190	113	15	46.0
Other metal craftsmen	–	2 406	6	15	175	278	213	497	623	293	220	86	45.3
Printing craftsmen	–	1 942	23	63	192	236	291	427	368	121	124	97	38.9
Compositors and typesetters	–	768	8	30	57	72	68	181	157	56	75	64	43.2
Pressmen and plate printers, printing	–	894	15	29	131	152	170	175	153	26	28	15	33.5
Stationary engineers and power station operators	–	1 336	5	5	50	119	109	245	434	154	165	50	48.1
Other craftsmen and kindred workers	34	8 927	66	202	969	1 300	1 029	1 702	1 901	760	633	365	40.3

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	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
SEATTLE–EVERETT SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**234**	**33 848**	**910**	**1 970**	**5 284**	**4 859**	**3 521**	**5 643**	**6 274**	**2 923**	**1 839**	**625**	**35.7**
Assemblers	5	2 068	38	48	432	427	265	345	311	115	64	23	31.7
Checkers, examiners, and inspectors, manufacturing	–	2 079	–	14	189	273	282	467	537	225	87	5	41.0
Garage workers and gas station attendants	71	3 315	486	920	938	317	129	207	139	70	55	54	21.3
Laundry and drycleaning operatives, n.e.c	–	350	18	21	32	16	31	42	81	65	24	20	46.9
Meat cutters and butchers	6	1 388	18	36	64	182	145	361	315	145	85	37	41.9
Mine operatives, n.e.c	10	93	–	–	12	10	21	18	9	–	9	14	...
Packers and wrappers, except produce	11	888	35	84	239	152	61	102	110	69	27	9	27.8
Painters, manufactured articles	–	599	6	–	101	76	109	101	125	55	16	10	35.7
Precision machine operatives	–	1 633	14	17	73	246	176	340	372	231	131	33	43.5
Sawyers	6	841	5	47	125	62	115	136	186	61	82	22	39.9
Stationary firemen	5	439	–	–	15	66	50	85	108	54	37	24	45.3
Textile operatives	–	45	–	–	26	5	5	–	9	–	–	–	...
Welders and flamecutters	–	2 919	3	55	268	467	330	500	701	319	238	38	41.7
Other metalworking operatives	–	1 783	10	61	314	282	224	329	347	161	43	12	35.0
Other specified operatives	71	5 802	81	249	792	794	650	1 055	1 209	479	362	131	38.2
Miscellaneous and not specified operatives	49	9 606	196	418	1 664	1 484	928	1 555	1 715	874	579	193	35.7
Occupation:													
Machine operatives, miscellaneous specified	9	3 724	47	130	614	528	417	729	574	358	225	102	36.7
Machine operatives, not specified	–	1 338	–	48	158	238	127	233	283	127	95	29	39.2
Miscellaneous operatives	28	3 189	132	190	647	503	260	378	594	261	188	36	32.4
Not specified operatives	12	1 355	17	50	245	215	124	215	264	128	71	26	36.2
Industry:													
Manufacturing	9	7 375	106	279	1 233	1 122	712	1 289	1 293	722	467	152	36.8
Durable goods	5	5 467	76	203	959	807	501	925	977	523	374	122	37.0
Wood products, including furniture	–	986	30	32	140	102	77	154	169	128	125	29	42.3
Primary metal industries	–	457	–	45	108	78	25	53	94	30	13	11	29.8
Fabricated metal industries	5	507	15	19	135	49	43	64	72	49	36	25	34.1
Machinery, including electrical	–	398	6	15	99	60	48	39	62	36	17	16	32.0
Motor vehicles and equipment	–	45	5	6	14	–	10	–	6	–	4	–	...
Transportation equipment, except motor vehicles	–	2 290	5	34	346	388	197	514	405	244	142	15	38.4
Other durable goods	–	784	15	52	117	130	101	101	169	36	37	26	33.9
Nondurable goods	4	1 908	30	76	274	315	211	364	316	199	93	30	36.3
Food and kindred products	–	578	10	27	59	96	71	69	124	73	36	13	38.8
Apparel and other fabricated textile products	–	97	20	14	6	11	4	11	11	7	5	8	...
Paper and allied products	–	824	–	19	127	109	106	215	124	94	21	9	37.4
Chemicals and allied products	–	124	–	6	4	24	12	25	26	7	20	–	41.4
Other nondurable goods	4	285	–	10	78	75	18	44	31	18	11	–	28.6
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	40	2 231	90	139	431	362	216	266	422	152	112	41	32.2
Transportation, communications, and other public utilities	12	615	13	24	133	107	53	81	89	46	63	6	32.9
Wholesale and retail trade	18	851	46	58	192	114	92	104	186	24	20	15	30.8
All other industries	10	765	31	57	106	141	71	81	147	82	29	20	33.3
Transport equipment operatives	**53**	**17 212**	**301**	**461**	**1 906**	**2 331**	**2 042**	**3 758**	**3 767**	**1 662**	**784**	**200**	**39.2**
Bus drivers	–	1 119	–	–	84	123	143	214	289	177	85	4	44.8
Taxicab drivers and chauffeurs	–	756	–	6	119	108	59	169	165	47	55	28	40.1
Truck drivers and deliverymen	33	12 223	261	321	1 151	1 700	1 547	2 826	2 751	1 133	455	78	39.0
Other transport equipment operatives	20	3 114	40	134	552	400	293	549	562	305	189	90	37.5
Laborers, except farm	**849**	**22 007**	**2 619**	**2 224**	**3 617**	**2 397**	**1 776**	**2 938**	**3 096**	**1 562**	**1 181**	**597**	**30.4**
Construction laborers	28	3 149	116	213	536	475	295	523	564	267	134	26	34.0
Freight, stock, and material handlers	135	10 067	1 420	1 269	1 801	1 140	833	1 178	1 239	626	473	88	27.4
Other specified laborers	532	5 806	769	437	703	482	419	849	907	458	381	401	36.1
Miscellaneous and not specified laborers	154	2 985	314	305	577	300	229	388	386	211	193	82	29.9
Occupation:													
Miscellaneous laborers	20	1 149	28	113	192	102	122	185	201	103	78	25	35.9
Not specified laborers	134	1 836	286	192	385	198	107	203	185	108	115	57	26.4
Industry:													
Manufacturing	16	1 434	33	113	330	140	119	252	220	98	97	32	34.2
Durable goods	12	1 068	21	91	261	88	86	193	173	62	72	21	34.2
Wood products, including furniture	–	336	9	36	51	21	41	68	50	25	31	4	36.5
Metal industries	–	226	–	30	78	23	–	35	40	11	6	3	26.1
Machinery, including electrical	–	53	7	–	14	5	12	–	15	–	–	–	...
Transportation equipment	12	252	–	7	51	10	28	64	41	21	30	–	39.7
Other durable goods	–	201	5	18	67	29	5	26	27	5	5	14	26.8
Nondurable goods	4	357	12	22	63	52	33	59	44	36	25	11	34.5
Food and kindred products	–	106	6	10	16	4	17	20	–	17	10	6	35.0
Not specified manufacturing industries	–	9	–	–	6	–	–	–	3	–	–	–	...
Nonmanufacturing industries	138	1 551	281	192	247	160	110	136	166	113	96	50	26.7
Railroads and railway express service	–	158	–	22	15	11	10	14	24	34	20	8	47.9
Transportation, except railroads	–	82	–	8	4	27	5	6	11	4	10	7	...
Communications, and utilities and sanitary services	5	240	12	8	58	10	32	54	42	11	13	–	35.0
Wholesale and retail trade	55	533	147	73	72	51	54	26	50	36	15	9	23.2
All other industries	78	538	122	81	98	61	9	36	39	28	38	26	23.4
Farmers and farm managers	**11**	**1 137**	**11**	**16**	**51**	**26**	**94**	**259**	**276**	**140**	**114**	**150**	**49.0**
Farm laborers and farm foremen	**127**	**1 620**	**266**	**231**	**211**	**152**	**108**	**185**	**191**	**65**	**95**	**116**	**28.4**
Paid farm laborers and farm foremen	123	1 555	254	211	201	147	97	185	191	65	95	109	28.8
Unpaid family workers	4	65	12	20	10	5	11	–	–	–	–	7	...
Service workers, except private household[1]	**775**	**27 203**	**2 856**	**2 639**	**3 605**	**2 927**	**1 917**	**3 749**	**3 999**	**2 013**	**1 897**	**1 601**	**34.1**
Cleaning service workers	250	8 675	752	673	941	577	402	935	1 555	1 057	1 031	752	45.4
Food service workers	311	8 308	1 803	1 477	1 286	618	426	846	851	368	373	260	23.4
Cooks, except private household	44	3 087	481	532	429	268	174	381	359	210	158	95	26.9
Busboys and dishwashers	201	2 265	958	640	318	78	38	40	71	25	56	41	18.5
Health service workers	3	478	22	34	203	90	40	51	23	11	–	4	24.5
Personal service workers	104	2 756	204	214	312	367	272	504	377	146	175	185	35.2
Protective service workers	–	5 491	16	81	633	1 174	692	1 162	970	250	218	295	36.3
Firemen, fire protection	–	1 576	–	11	149	331	233	375	409	32	31	5	36.7
Guards and watchmen	–	1 389	9	66	171	122	82	202	249	158	99	231	46.7
Policemen and detectives	–	2 198	–	4	273	667	366	515	281	34	41	17	32.1
Private household workers	**67**	**212**	**50**	**24**	**24**	**13**	**8**	**8**	**20**	**20**	**20**	**25**	**28.1**

[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

SEATTLE–EVERETT SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	**2 280**	**207 634**	**5 895**	**10 618**	**35 994**	**24 320**	**17 493**	**38 029**	**42 491**	**16 080**	**10 160**	**6 554**	**37.5**
Professional, technical, and kindred workers	**39**	**37 782**	**175**	**356**	**6 032**	**6 685**	**4 017**	**7 553**	**7 323**	**2 709**	**1 866**	**1 066**	**37.2**
Accountants	–	2 622	22	36	381	318	202	582	673	205	139	64	41.0
Computer specialists	–	524	–	–	133	146	56	97	72	20	–	–	29.4
Librarians	–	788	12	24	63	97	56	179	178	80	71	28	42.9
Mathematical specialists	–	159	–	–	14	29	33	25	53	–	5	–	36.4
Life and physical scientists	–	206	–	–	59	65	33	21	23	–	–	5	28.4
Registered nurses, dietitians, and therapists	5	7 781	5	36	904	1 150	803	1 598	1 872	729	476	208	41.2
Dietitians	–	264	–	7	9	53	30	68	58	16	18	5	39.9
Registered nurses	5	7 047	5	29	799	977	751	1 443	1 745	686	432	180	41.7
Health technologists and technicians	–	1 493	–	22	360	314	159	297	232	48	42	19	31.6
Social scientists	–	200	–	5	24	48	19	50	27	12	9	6	35.8
Social and recreation workers	4	1 205	–	15	148	250	116	250	233	121	52	20	37.9
Teachers: College and university	–	1 524	4	17	218	257	234	431	192	72	75	24	35.7
Elementary and prekindergarten	5	8 522	24	17	1 520	1 824	924	1 512	1 389	623	453	236	34.7
Secondary	5	3 133	6	–	603	819	318	529	451	229	115	63	32.2
Other teachers	9	1 184	34	61	102	109	119	284	226	84	59	106	40.9
Engineering and science technicians	–	963	5	4	209	184	139	201	134	37	29	21	32.9
Technicians, except health, and engineering and science	–	184	–	6	17	39	15	37	56	–	4	10	39.1
Writers, artists, and entertainers	5	2 378	52	52	458	330	241	503	440	118	115	69	36.1
Actors and dancers	–	125	–	3	98	11	4	5	4	–	–	–	23.0
Authors, editors, and reporters	–	414	5	–	70	83	35	72	72	44	33	–	36.9
Other professional, technical, and kindred workers	6	4 916	11	61	819	706	550	957	1 072	331	222	187	38.2
Managers and administrators, except farm	–	**8 234**	**35**	**72**	**733**	**619**	**547**	**1 634**	**2 480**	**1 052**	**615**	**447**	**46.9**
Buyers, purchasing agents, and sales managers	–	1 053	10	13	140	107	67	191	300	123	71	31	44.9
Restaurant, cafeteria, and bar managers	–	667	–	6	37	29	49	149	214	102	45	36	48.0
School administrators	–	348	–	4	5	16	11	93	136	46	31	6	48.3
Other specified managers and administrators	–	2 605	11	16	306	216	166	492	628	337	223	210	46.5
Managers and administrators, n.e.c., salaried	–	2 587	14	33	227	223	194	527	843	282	143	101	45.9
Wholesale and retail trade	–	675	4	19	66	58	52	144	204	64	55	9	44.6
Managers and administrators, n.e.c., self-employed	–	974	–	–	18	28	60	182	359	162	102	63	50.5
Wholesale and retail trade	–	579	–	–	18	22	40	103	187	107	70	32	50.7
Sales workers	**112**	**16 503**	**572**	**1 291**	**2 117**	**1 226**	**1 112**	**2 921**	**3 678**	**1 715**	**1 187**	**684**	**41.6**
Demonstrators, hucksters, and peddlers	4	1 260	6	27	144	178	177	323	251	82	23	49	38.0
Insurance, real estate agents, and brokers	–	1 803	–	29	126	148	131	418	530	223	121	77	45.9
Sales clerks, retail trade	72	10 289	487	1 060	1 391	569	483	1 665	2 294	1 090	842	408	41.9
Salesmen, retail trade	7	464	11	27	60	42	33	91	115	39	35	11	41.5
Other sales workers	29	2 687	68	148	396	289	288	424	488	281	166	139	38.6
Clerical and kindred workers	**220**	**84 959**	**1 413**	**4 961**	**18 643**	**10 211**	**7 226**	**15 347**	**16 951**	**5 446**	**3 259**	**1 502**	**35.0**
Bank tellers	–	2 152	15	79	749	350	254	382	239	41	33	10	28.3
Bookkeepers	4	10 020	29	240	1 267	1 028	963	2 180	2 749	782	531	251	41.8
Cashiers	27	4 901	263	435	748	419	397	1 150	922	334	159	74	36.6
Counter clerks, except food	5	1 330	45	142	322	76	45	243	263	99	71	24	36.4
Enumerators and interviewers	–	271	–	15	58	34	18	80	47	19	–	–	36.3
File clerks	5	2 642	169	416	728	204	162	422	351	114	64	12	25.2
Office machine operators	–	3 659	16	236	1 086	603	340	580	510	166	102	20	29.1
Bookkeeping and billing machine operators	–	640	5	72	127	79	55	115	95	58	28	6	33.4
Keypunch operators	–	1 775	–	92	681	410	172	212	146	37	25	–	26.4
Payroll and timekeeping clerks	–	631	4	10	96	119	40	94	145	72	45	6	39.9
Receptionists	24	3 048	108	219	851	390	277	489	418	144	98	54	29.4
Secretaries	–	20 599	132	690	4 614	3 156	1 804	3 738	4 149	1 210	770	336	34.7
Stenographers	–	1 123	5	45	234	104	65	175	300	122	48	25	41.2
Telephone operators	4	2 796	37	379	699	278	221	365	431	185	135	66	30.1
Typists	10	6 304	116	553	1 766	739	604	990	1 035	320	108	73	29.9
Other clerical and kindred workers	141	25 483	474	1 502	5 425	2 711	2 036	4 459	5 392	1 838	1 095	551	36.3
Craftsmen and kindred workers	**35**	**3 909**	**63**	**104**	**474**	**423**	**282**	**852**	**985**	**386**	**223**	**117**	**42.1**
Foremen, n.e.c	4	584	–	3	40	54	16	180	153	88	43	7	44.9
Operatives, except transport	**50**	**13 445**	**173**	**523**	**1 372**	**1 067**	**1 157**	**3 082**	**3 416**	**1 402**	**746**	**507**	**42.9**
Assemblers	–	1 312	–	45	136	96	139	388	398	72	32	6	41.2
Bottling and canning operatives	–	70	–	10	–	14	6	19	4	11	6	–	...
Checkers, examiners, and inspectors; manufacturing	–	541	10	15	55	40	24	198	112	51	21	15	41.4
Dressmakers and seamstresses, except factory	–	584	4	–	25	26	39	96	118	104	75	97	53.6
Laundry and dry cleaning operatives, including ironers	16	1 573	32	47	132	49	121	271	487	226	132	76	47.8
Graders and sorters, manufacturing	–	37	–	5	–	–	–	5	16	11	–	–	...
Packers and wrappers, except produce	–	1 858	14	62	233	235	156	451	479	166	44	18	40.1
Sewers and stitchers	–	1 869	6	50	154	111	125	362	517	295	150	99	47.4
Textile operatives	–	54	–	–	6	–	4	12	3	16	6	7	...
Other specified operatives	24	2 475	62	119	315	218	239	536	575	173	122	116	40.3
Miscellaneous and not specified operatives	10	3 072	45	170	316	278	304	744	707	277	158	73	40.7
Manufacturing	10	2 456	23	101	222	210	259	652	609	225	126	29	41.3
Durable goods	–	1 408	13	40	118	134	144	406	350	125	53	25	41.3
Machinery, including electrical	–	167	–	17	9	16	21	51	22	13	13	5	39.0
Other durable goods	–	1 241	13	23	109	118	123	355	328	112	40	20	41.6
Nondurable goods, including not specified manufacturing	10	1 048	10	61	104	76	115	246	259	100	73	4	41.4
Food and kindred products	5	294	10	10	11	12	30	71	80	38	32	–	45.4
Apparel and other fabricated textile products	–	103	–	11	13	9	–	21	20	15	10	4	43.8
Nonmanufacturing industries	–	616	22	69	94	68	45	92	98	52	32	44	36.1
Transport equipment operatives	**4**	**1 094**	**4**	**25**	**98**	**150**	**190**	**341**	**206**	**30**	**19**	**31**	**37.3**
Laborers, except farm	**24**	**1 680**	**150**	**111**	**289**	**114**	**137**	**307**	**260**	**183**	**77**	**52**	**36.3**
Farmers and farm managers	**5**	**215**	**–**	**–**	**10**	**10**	**4**	**68**	**54**	**39**	**5**	**25**	**47.9**
Farm laborers and farm foremen	**7**	**512**	**41**	**29**	**66**	**48**	**48**	**78**	**106**	**52**	**24**	**20**	**38.1**
Paid farm laborers and farm foremen	7	428	41	24	61	44	48	57	76	42	20	15	34.6
Unpaid family workers	–	84	–	5	5	4	–	21	30	10	4	5	...
Service workers, except private household[1]	**539**	**34 372**	**2 296**	**2 778**	**5 737**	**3 417**	**2 596**	**5 542**	**6 425**	**2 591**	**1 719**	**1 271**	**35.7**
Cleaning service workers	51	3 404	143	209	175	215	200	487	879	482	361	253	48.1
Chambermaids and maids	–	806	32	43	63	63	34	93	250	93	71	64	48.0
Food service workers	204	15 158	1 617	1 467	1 874	1 143	1 148	2 618	3 072	1 107	656	456	36.3
Cooks, except private household	28	3 316	98	125	182	147	188	554	1 040	492	289	201	48.5
Waiters and food counter workers	124	8 718	1 230	1 089	1 350	857	667	1 468	1 358	339	199	161	29.0
Health service workers	25	6 609	241	597	1 381	682	470	1 205	1 098	479	280	176	34.3
Nursing aides, orderlies, and attendants	6	3 004	104	363	607	240	199	624	467	204	109	87	34.7
Practical nurses	–	1 547	12	5	225	164	97	308	342	183	130	81	43.8
Personal service workers	89	6 441	189	241	1 830	1 065	544	773	934	374	241	250	29.5
Hairdressers and cosmetologists	–	2 695	6	101	839	448	178	312	471	160	93	87	29.5
Private household workers	**1 245**	**4 929**	**973**	**368**	**423**	**350**	**177**	**304**	**607**	**475**	**420**	**832**	**40.7**
Private household workers, living in	5	478	8	15	66	39	13	21	29	71	73	143	58.4
Private household workers, living out	1 240	4 451	965	353	357	311	164	283	578	404	347	689	37.7

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

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

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

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

SEATTLE–EVERETT SMSA—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
Negro													
Male employed	96	8 372	132	303	919	1 134	968	1 787	1 933	617	382	197	39.1
Professional, technical, and kindred workers	7	905	20	47	164	174	111	169	183	12	4	21	32.1
Engineers	–	124	–	–	5	8	23	37	47	–	4	–	42.0
Lawyers and judges	–	15	–	–	–	–	–	8	7	–	–	–	...
Life and physical scientists	–	4	–	–	–	–	–	4	–	–	–	–	...
Physicians, dentists, and related practitioners	–	24	–	–	–	–	6	7	11	–	–	–	...
Health workers, except practitioners	–	39	–	10	–	17	–	–	6	6	–	–	...
Social and recreation workers	7	72	–	16	11	15	12	11	–	–	–	7	...
Teachers	–	94	–	–	21	18	9	5	35	6	–	–	...
Technicians, except health	–	75	–	–	14	6	12	22	21	–	–	–	...
Writers, artists, and entertainers	–	136	15	4	50	36	11	15	5	–	–	–	24.9
Other professional, technical, and kindred workers	–	322	5	17	63	74	38	60	51	–	–	14	30.3
Managers and administrators, except farm	–	425	–	–	25	77	58	89	110	13	42	11	40.9
Salaried	–	336	–	–	25	54	58	79	77	9	28	6	38.9
Manufacturing	–	25	–	–	–	7	–	6	9	–	3	–	...
Retail trade	–	55	–	–	11	8	11	–	13	–	6	6	...
All other industries	–	256	–	–	14	39	47	73	55	9	19	–	38.8
Self-employed	–	89	–	–	–	23	–	10	33	4	14	5	...
Retail trade	–	21	–	–	–	–	–	5	11	–	–	5	...
All other industries	–	68	–	–	–	23	–	5	22	4	14	–	...
Sales workers	17	228	13	–	31	23	70	64	21	–	6	–	33.4
Manufacturing and wholesale trade	17	47	5	–	6	4	26	6	–	–	–	–	...
Retail trade	–	116	8	–	20	10	27	24	21	–	6	–	33.7
All other industries	–	65	–	–	5	9	17	34	–	–	–	–	...
Clerical and kindred workers	23	793	7	30	137	121	121	176	142	50	9	–	34.2
Bookkeepers and billing clerks	–	19	–	–	7	–	6	6	–	–	–	–	...
Mail handlers and postal clerks	4	233	7	5	14	12	26	85	65	14	5	–	41.2
Other clerical and kindred workers	19	541	–	25	116	109	89	85	77	36	4	–	31.2
Craftsmen and kindred workers	5	1 564	7	8	149	253	166	361	417	125	55	23	40.5
Carpenters	–	67	–	3	3	19	6	16	15	5	–	–	...
Construction craftsmen, except carpenters	–	385	–	–	41	56	28	71	149	27	13	–	44.5
Automobile mechanics, including body repairmen	–	92	4	–	5	12	17	15	16	17	–	6	...
Mechanics and repairmen, except auto	5	331	3	5	29	63	47	86	77	21	–	–	37.2
Machinists	–	59	–	–	9	–	5	11	5	20	9	–	...
Metal craftsmen, except mechanics and machinists	–	133	–	–	4	11	26	50	32	10	–	–	40.1
Foremen, n.e.c.	–	119	–	–	–	–	19	53	28	10	–	9	42.6
Other craftsmen and kindred workers	–	378	–	–	58	92	18	59	95	15	33	8	38.6
Operatives, except transport	–	1 372	10	52	165	200	189	311	278	90	59	18	37.3
Assemblers	–	72	–	9	5	21	11	18	–	–	8	–	...
Garage workers and gas station attendants	–	59	7	5	19	19	–	9	–	–	–	–	...
Laundry and drycleaning operatives, including ironers	–	64	–	–	8	–	6	8	24	18	–	–	...
Precision machine operatives	–	31	–	–	–	–	12	4	10	–	5	–	...
Other operatives, except transport	–	1 146	3	38	133	160	160	272	244	72	46	18	37.9
Durable goods, manufacturing	–	737	–	14	89	82	91	218	171	33	31	8	39.2
Nondurable goods, including not specified manufacturing	–	143	–	5	26	37	33	22	14	6	–	–	30.5
Nonmanufacturing industries	–	266	3	19	18	41	36	32	59	33	15	10	40.0
Transport equipment operatives	–	413	9	5	27	60	57	104	90	42	13	6	39.7
Truck drivers	–	183	–	5	8	17	30	64	39	16	4	–	39.9
Other transport equipment operatives	–	230	9	–	19	43	27	40	51	26	9	6	39.3
Laborers, except farm	16	961	25	51	64	61	94	216	291	84	39	36	43.6
Construction laborers	–	177	–	16	15	4	15	38	72	17	–	–	45.1
Freight, stock, and material handlers	16	263	8	23	21	24	23	43	96	16	9	–	42.6
Other laborers, except farm	–	521	17	12	28	33	56	135	123	51	30	36	43.5
Manufacturing industries	–	220	4	4	13	6	13	67	71	20	15	7	45.4
Farmers and farm managers	–	26	–	–	–	4	–	6	16	–	–	–	...
Farm laborers and farm foremen	–	31	–	–	–	12	7	12	–	–	–	–	...
Service workers, except private household[1]	28	1 635	41	105	157	149	95	274	381	201	155	77	44.9
Cleaning service workers	7	748	8	23	34	44	39	131	214	121	82	52	49.4
Food service workers	10	323	26	31	50	13	38	42	90	12	15	6	35.8
Health service workers	–	33	4	–	3	12	4	–	4	6	–	–	...
Personal service workers	11	149	3	9	19	32	4	19	11	20	23	9	38.9
Protective service workers	–	153	–	4	36	37	10	20	22	5	9	10	29.9
Private household workers	–	19	–	5	–	–	–	5	4	–	–	5	...
Female employed	33	6 476	178	218	906	901	655	1 309	1 443	437	241	188	37.9
Professional, technical, and kindred workers	4	895	4	–	120	131	127	261	199	32	14	7	37.5
Registered nurses	–	187	–	–	14	16	10	51	85	6	5	–	45.3
Health workers, except nurses	–	104	–	–	14	11	10	46	23	–	–	–	38.7
Teachers, elementary and secondary schools	–	187	–	–	25	32	40	53	19	18	–	–	34.6
Technicians, except health	–	26	–	–	7	–	5	4	10	–	–	–	...
Other professional, technical, and kindred workers	4	391	4	–	60	72	62	107	62	8	9	7	34.8
Managers and administrators, except farm	–	144	–	–	3	10	14	26	65	14	–	12	47.9
Salaried	–	113	–	–	3	10	14	21	50	3	–	12	46.7
Self-employed	–	31	–	–	–	–	–	5	15	11	–	–	...
Sales workers	–	207	9	14	41	37	21	41	26	7	4	7	30.6
Retail trade	–	184	9	14	41	37	21	21	23	7	4	7	28.8
Clerical and kindred workers	15	1 779	76	116	467	356	190	317	206	36	8	7	28.2
Bookkeepers and cashiers	–	120	6	6	26	31	12	17	9	6	–	7	28.5
Office machine operators	–	109	–	26	41	19	4	8	11	–	–	–	23.5
Secretaries, stenographers, and typists	3	428	10	18	133	57	78	85	47	–	–	–	29.6
Other clerical and kindred workers	12	1 122	60	66	267	249	96	207	139	30	8	–	28.4
Craftsmen and kindred workers	–	136	4	–	–	23	37	42	30	–	–	–	36.0
Operatives, except transport	5	766	3	13	68	91	135	185	166	61	32	12	38.9
Sewers and stitchers	–	70	–	–	–	–	33	16	9	–	5	7	...
Laundry and drycleaning operatives, including ironers	5	203	–	–	11	7	35	34	60	42	14	–	47.4
Other operatives, except transport	–	493	3	13	57	84	67	135	97	19	13	5	36.7
Durable goods, manufacturing	–	264	–	–	21	45	27	91	75	–	–	5	39.3
Nondurable goods, including not specified manufacturing	–	122	–	7	15	15	25	30	12	14	4	–	34.8
Nonmanufacturing industries	–	107	3	6	21	24	15	14	10	5	9	–	29.9
Transport equipment operatives	–	15	–	–	6	5	–	4	–	–	–	–	...
Laborers, except farm	–	113	11	13	8	14	–	22	7	30	3	5	39.8
Farmers and farm managers	–	10	–	–	5	–	–	–	–	–	5	–	...
Farm laborers and farm foremen	–	10	–	–	5	–	–	5	–	–	–	–	...
Service workers, except private household[1]	9	1 897	71	56	177	210	118	365	575	165	97	63	43.7
Cleaning service workers	9	476	2	–	15	62	11	92	182	47	32	33	48.1
Food service workers	–	314	13	8	34	23	27	39	97	43	23	7	46.3
Health service workers	–	558	10	28	74	54	32	148	158	43	11	–	40.5
Practical nurses	–	228	–	5	20	19	4	70	73	26	11	–	44.4
Personal service workers	–	324	41	11	35	25	25	54	89	21	12	11	39.6
Protective service workers	–	9	–	–	–	–	–	–	9	–	–	–	...
Private household workers	–	504	–	6	6	24	13	41	169	92	78	75	54.6

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	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
SPOKANE SMSA												
Total												
Male employed	783	61 440	1 611	2 379	6 719	6 818	5 994	12 606	13 768	5 570	3 912	2 063	40.7
Professional, technical, and kindred workers	14	8 688	58	91	793	1 145	1 130	2 258	1 873	646	456	238	40.0
Accountants	-	653	-	12	40	128	89	141	111	68	29	35	39.1
Architects	-	66	5	-	-	5	10	14	16	5	11	-	...
Computer specialists	-	147	-	-	28	49	26	44	-	-	-	-	29.6
Engineers	-	894	-	-	63	110	120	229	251	93	10	18	41.7
Aeronautical and astronautical	-	-	-	-	-	-	-	-	-	-	-	-	-
Civil	-	243	-	-	10	32	34	79	46	32	-	10	40.8
Electrical and electronic	-	195	-	-	15	52	30	38	44	11	5	-	35.1
Mechanical	-	115	-	-	3	6	19	31	33	15	-	8	44.5
Other engineers	-	341	-	-	35	20	37	81	128	35	5	-	44.7
Lawyers and judges	-	306	-	-	4	32	27	73	95	26	35	14	46.8
Life and physical scientists	-	159	-	-	4	18	11	44	44	13	21	4	45.6
Chemists	-	78	-	-	-	6	6	22	20	8	16	-	...
Physicians, dentists, and related practitioners	-	977	-	-	5	28	109	297	250	120	89	79	47.0
Dentists	-	205	-	-	-	-	24	70	66	30	8	7	46.3
Pharmacists	-	192	-	-	5	6	19	58	25	16	25	38	48.2
Physicians, medical and osteopathic	-	484	-	-	-	22	52	153	118	63	47	29	46.3
Other related practitioners	-	96	-	-	-	-	14	16	41	11	9	5	...
Health technologists and technicians	-	112	-	-	48	21	3	22	9	-	9	-	26.9
Religious workers	-	366	-	6	10	13	11	111	115	48	36	16	47.8
Social scientists	-	63	-	-	-	16	11	12	24	-	-	-	...
Social and recreation workers	-	200	-	-	28	48	9	40	37	14	24	-	38.8
Teachers	-	1 924	21	15	148	217	298	674	340	109	89	13	38.9
College and university	-	798	5	5	49	83	142	262	165	49	33	5	39.4
Elementary and prekindergarten	-	395	-	-	50	47	54	140	66	10	23	5	38.3
Secondary	-	636	6	-	43	77	97	258	78	45	29	3	38.7
Engineering and science technicians	-	701	5	8	142	138	81	140	125	27	23	12	33.5
Draftsmen and surveyors	-	403	-	8	97	92	43	73	54	12	12	12	30.5
Electrical and electronic engineering technicians	-	133	5	-	5	18	15	45	39	6	-	-	40.2
Technicians, except health, and engineering and science	-	256	5	6	30	27	54	81	43	-	10	-	35.7
Airplane pilots	-	67	-	-	5	5	16	29	12	-	-	-	...
Writers, artists, and entertainers	14	693	16	21	98	103	97	152	126	22	29	29	35.8
Other professional, technical, and kindred workers	-	1 171	6	23	145	192	174	184	287	101	41	18	37.5
Managers and administrators, except farm	9	8 414	9	38	324	750	804	1 927	2 603	929	630	400	46.4
Buyers, purchasing agents, and sales managers	-	1 126	-	5	42	126	134	269	328	116	77	29	44.5
School administrators	-	224	-	-	-	5	-	72	80	56	11	-	49.4
Specified managers and administrators, public administration	-	437	-	-	5	38	14	112	151	52	52	13	48.3
Other specified managers and administrators	-	1 568	4	20	63	177	141	310	423	181	136	113	46.6
Managers and administrators, n.e.c., salaried	9	3 861	5	13	200	368	411	899	1 203	367	251	144	45.3
Manufacturing	5	573	-	-	16	51	69	127	220	50	35	5	46.1
Wholesale and retail trade	-	1 637	-	3	141	201	170	373	414	150	89	96	43.1
Transportation, communications, and other public utilities	4	344	-	5	14	14	18	71	147	39	31	5	48.4
All other industries	-	1 307	5	5	29	102	154	328	422	128	96	38	45.7
Managers and administrators, n.e.c., self-employed	-	1 198	-	-	14	36	104	265	418	157	103	101	49.3
Construction	-	263	-	-	-	6	42	56	94	27	23	15	47.9
Manufacturing	-	79	-	-	-	-	6	18	19	30	6	-	...
Wholesale and retail trade	-	582	-	-	9	30	15	128	205	86	54	55	50.3
All other industries	-	274	-	-	5	-	41	63	100	14	20	31	47.8
Sales workers	303	6 081	111	150	680	813	683	1 364	1 244	411	395	230	39.4
Insurance agents, brokers, and underwriters	-	677	-	-	59	109	118	154	162	35	26	14	38.4
Real estate agents and brokers	-	471	-	10	10	64	36	89	116	64	53	29	47.3
Sales representatives, manufacturing industries	-	459	-	-	55	51	55	145	95	26	20	12	39.7
Sales representatives, wholesale trade	-	1 535	11	-	95	237	205	407	351	113	87	29	40.4
Sales clerks, retail trade	5	1 240	41	91	289	133	97	215	153	83	90	48	33.4
Salesmen, retail trade	5	600	6	9	49	102	56	126	128	54	33	37	41.2
Salesmen of services and construction	5	378	-	6	47	44	36	100	72	20	44	9	40.6
Other sales workers	288	721	53	34	76	73	80	128	167	16	42	52	38.5
Clerical and kindred workers	32	4 531	85	209	579	522	411	847	1 036	406	277	159	40.4
Bank tellers and cashiers	-	307	27	37	112	19	10	17	34	15	36	-	24.0
Bookkeepers and billing clerks	-	265	5	9	44	44	25	58	58	-	11	11	35.9
Mail handlers and postal clerks	-	931	6	27	27	93	74	190	363	120	31	-	46.3
Other clerical and kindred workers	32	3 028	47	136	396	366	302	582	581	271	199	148	39.6
Craftsmen and kindred workers	36	12 425	107	217	1 083	1 390	1 301	2 713	3 178	1 369	779	288	42.8
Apparel craftsmen and upholsterers	-	137	12	8	19	30	11	30	21	-	-	6	29.9
Bakers	5	141	5	5	27	20	21	28	13	18	-	4	33.2
Cabinetmakers	-	121	5	5	13	4	6	15	29	26	13	5	49.3
Construction craftsmen	7	3 141	18	63	279	295	334	659	775	407	230	81	43.8
Carpenters	-	984	6	22	102	108	96	130	267	124	89	40	46.0
Excavating, grading, and road machine operators	7	344	-	13	33	11	29	93	99	33	28	5	44.2
Electricians	-	559	-	-	31	68	86	125	165	59	19	6	42.6
Masons and tile setters	-	190	-	-	13	23	5	59	50	34	6	-	44.2
Painters, construction and maintenance, and paperhangers	-	376	-	22	27	10	21	85	68	68	54	21	48.4
Plasterers and cement finishers	-	89	-	6	-	12	14	31	10	16	-	-	...
Plumbers and pipe fitters	-	383	7	-	31	48	44	86	89	48	21	9	42.2
Other construction craftsmen	-	216	5	-	42	15	39	50	27	25	13	-	36.4
Foremen, n.e.c.	-	1 550	-	-	51	149	186	397	491	146	98	32	44.8
Manufacturing	-	695	-	-	31	67	58	211	243	45	31	9	44.1
Nonmanufacturing industries	-	855	-	-	20	82	128	186	248	101	67	23	45.5
Linemen and servicemen, telephone and power	-	543	6	5	19	74	55	154	201	13	16	-	42.3
Locomotive engineers and firemen	-	319	-	-	19	13	25	118	65	57	16	6	43.7
Mechanics and repairmen	13	3 239	28	64	310	367	354	729	772	370	180	65	41.8
Air conditioning, heating, and refrigeration	-	143	6	-	-	6	14	39	52	19	7	-	46.3
Aircraft	-	148	-	-	19	11	47	42	24	5	-	-	34.7
Automobile, including body	-	1 256	16	39	140	190	106	234	264	163	66	38	40.9
Radio and television	-	242	-	-	42	10	27	68	60	24	11	-	41.2
Other mechanics and repairmen	13	1 450	6	25	109	150	160	346	372	159	96	27	42.9
Metal craftsmen, except mechanics	-	835	-	15	103	104	86	157	189	100	68	13	42.0
Machinists and job and die setters	-	337	-	6	36	32	47	88	71	26	26	5	40.4
Sheetmetal workers and tinsmiths	-	231	-	9	40	40	16	39	31	37	15	4	37.7
Tool and die makers	-	40	-	-	7	18	-	-	9	6	-	-	...
Other metal craftsmen	-	227	-	-	20	14	23	30	78	31	27	4	48.4
Printing craftsmen	-	283	-	6	33	50	30	60	47	42	11	4	38.8
Compositors and typesetters	-	129	-	-	23	25	15	23	23	20	-	-	35.7
Pressmen and plate printers, printing	-	98	-	-	5	15	6	37	18	11	6	-	...
Stationary engineers and power station operators	-	189	-	-	-	16	-	23	77	38	25	10	52.2
Other craftsmen and kindred workers	11	1 927	33	46	210	268	193	343	498	152	122	62	41.2

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
SPOKANE SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**28**	**5 968**	**111**	**397**	**1 072**	**757**	**477**	**965**	**1 144**	**507**	**437**	**101**	**36.8**
Assemblers	–	222	–	9	76	49	27	33	9	4	15	–	27.7
Checkers, examiners, and inspectors; manufacturing	–	78	–	–	–	–	11	12	26	14	15	–	...
Garage workers and gas station attendants	12	646	52	169	218	65	8	40	60	16	10	8	22.3
Laundry and drycleaning operatives, n.e.c	–	115	–	15	9	26	–	8	15	18	11	13	44.4
Meat cutters and butchers	–	379	4	15	54	43	54	58	80	50	21	–	38.4
Mine operatives, n.e.c	–	52	–	–	12	11	8	–	10	6	5	–	...
Packers and wrappers, except produce	–	180	4	15	24	18	10	54	30	19	6	–	38.5
Painters, manufactured articles	–	99	–	12	34	21	5	11	13	–	–	3	...
Precision machine operatives	–	113	–	–	17	25	4	16	27	13	6	5	41.6
Sawyers	–	208	–	5	43	43	6	38	35	16	12	10	36.8
Stationary firemen	–	124	–	–	4	5	11	9	58	14	21	2	50.7
Textile operatives	–	4	–	–	–	–	–	–	–	–	4	–	...
Welders and flamecutters	–	628	–	9	87	84	67	135	161	54	25	6	40.0
Other metalworking operatives	–	336	8	5	59	37	28	69	70	27	29	4	39.5
Other specified operatives	11	975	5	46	179	142	124	140	175	62	80	22	34.7
Miscellaneous and not specified operatives	5	1 809	38	97	256	188	114	342	375	194	177	28	41.2
Occupation:													
Machine operatives, miscellaneous specified	5	876	9	36	116	115	48	167	218	79	84	4	41.8
Machine operatives, not specified	–	263	5	24	47	25	31	45	28	19	39	–	34.9
Miscellaneous operatives	–	424	24	18	49	28	23	102	79	55	26	20	41.9
Not specified operatives	–	246	–	19	44	20	12	28	50	41	28	4	45.0
Industry:													
Manufacturing	–	1 284	23	63	170	128	73	261	290	155	113	8	42.1
Durable goods	–	961	5	57	132	108	53	179	228	115	76	8	42.0
Wood products, including furniture	–	88	5	10	10	10	–	–	10	18	17	8	...
Primary metal industries	–	561	–	12	39	71	22	137	158	73	49	–	45.0
Fabricated metal industries	–	40	–	–	4	–	6	4	17	9	–	–	...
Machinery, including electrical	–	138	–	22	46	17	15	9	24	–	5	–	25.3
Motor vehicles and equipment	–	14	–	–	–	–	–	–	4	10	–	–	...
Transportation equipment, except motor vehicles	–	50	–	–	20	5	–	20	–	5	–	–	...
Other durable goods	–	70	–	13	13	5	10	9	15	–	5	–	...
Nondurable goods	–	306	18	6	38	20	20	82	56	29	37	–	41.2
Food and kindred products	–	120	14	–	5	4	11	25	27	23	11	–	45.4
Apparel and other fabricated textile products	–	5	–	–	5	–	–	–	–	–	–	–	...
Paper and allied products	–	129	–	6	16	11	5	45	29	6	11	–	40.9
Chemicals and allied products	–	5	–	–	–	–	–	–	–	–	5	–	...
Other nondurable goods	–	47	4	–	12	5	4	12	–	–	10	–	...
Not specified manufacturing industries	–	17	–	–	–	–	–	–	6	11	–	–	...
Nonmanufacturing industries	5	525	15	34	86	60	41	81	85	39	64	20	38.3
Transportation, communications, and other public utilities	–	138	–	–	11	11	–	15	45	10	46	–	52.1
Wholesale and retail trade	–	191	5	21	42	35	13	23	11	25	5	11	28.9
All other industries	5	196	10	13	33	14	28	43	29	4	13	9	35.0
Transport equipment operatives	**33**	**4 064**	**36**	**206**	**427**	**473**	**477**	**883**	**889**	**402**	**208**	**63**	**39.7**
Bus drivers	–	229	–	–	16	–	25	49	75	47	17	–	48.3
Taxicab drivers and chauffeurs	–	134	–	–	16	16	7	6	27	30	21	11	53.1
Truck drivers and deliverymen	33	2 821	36	142	281	366	334	640	638	232	138	14	38.9
Other transport equipment operatives	–	880	–	64	114	91	111	188	149	93	32	38	38.2
Laborers, except farm	**183**	**3 746**	**453**	**385**	**708**	**368**	**276**	**527**	**503**	**241**	**204**	**81**	**29.4**
Construction laborers	4	551	29	30	76	67	51	115	90	36	41	16	37.0
Freight, stock, and material handlers	52	1 649	266	201	304	159	123	185	212	102	77	20	26.7
Other specified laborers	102	796	112	75	169	71	53	94	90	54	51	27	28.0
Miscellaneous and not specified laborers	25	750	46	79	159	71	49	133	111	49	35	18	32.0
Occupation:													
Miscellaneous laborers	5	257	7	14	39	21	23	60	45	29	14	5	39.1
Not specified laborers	20	493	39	65	120	50	26	73	66	20	21	13	27.3
Industry:													
Manufacturing	10	297	16	37	80	25	4	68	40	8	16	3	28.1
Durable goods	10	247	11	33	56	25	4	56	35	8	16	3	29.7
Wood products, including furniture	6	67	11	16	18	–	–	11	4	4	–	3	...
Metal industries	4	137	–	10	16	25	4	36	31	4	11	–	38.8
Machinery, including electrical	–	5	–	–	–	–	–	–	–	–	5	–	...
Transportation equipment	–	13	–	7	6	–	–	–	–	–	–	–	...
Other durable goods	–	25	–	–	16	–	–	9	–	–	–	–	...
Nondurable goods	–	50	5	4	24	–	–	12	5	–	–	–	...
Food and kindred products	–	23	–	4	19	–	–	–	–	–	–	–	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	15	453	30	42	79	46	45	65	71	41	19	15	33.3
Railroads and railway express service	–	144	–	10	16	16	16	24	27	25	5	5	40.8
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	–	37	–	–	5	5	–	9	12	6	–	–	...
Wholesale and retail trade	5	127	21	23	28	11	18	7	5	–	14	–	23.5
All other industries	10	145	9	9	30	14	11	25	27	10	–	10	34.8
Farmers and farm managers	**11**	**1 096**	**6**	**14**	**10**	**72**	**51**	**245**	**344**	**173**	**70**	**111**	**49.4**
Farm laborers and farm foremen	**38**	**652**	**86**	**61**	**117**	**55**	**38**	**60**	**78**	**38**	**63**	**56**	**30.9**
Paid farm laborers and farm foremen	38	631	80	61	107	55	38	60	78	38	58	56	31.6
Unpaid family workers	–	21	6	–	10	–	–	–	–	–	5	–	...
Service workers, except private household[1]	**96**	**5 759**	**538**	**611**	**926**	**473**	**346**	**812**	**876**	**448**	**393**	**336**	**34.8**
Cleaning service workers	58	2 193	230	202	294	124	46	275	385	235	187	215	42.3
Food service workers	31	1 430	262	315	290	83	61	106	147	69	76	21	22.4
Cooks, except private household	5	398	49	94	82	23	25	44	40	9	29	3	23.4
Busboys and dishwashers	26	467	160	155	107	10	6	–	11	12	6	–	18.9
Health service workers	–	333	3	19	74	45	35	67	29	32	29	–	33.6
Personal service workers	–	538	14	41	108	28	39	73	77	52	58	48	40.3
Protective service workers	–	983	4	5	107	159	156	253	203	39	19	38	37.4
Firemen, fire protection	–	384	–	–	28	59	52	134	101	6	4	–	39.0
Guards and watchmen	–	213	4	5	59	8	–	37	46	11	5	38	43.2
Policemen and detectives	–	346	–	–	16	80	104	65	56	15	10	–	33.7
Private household workers	–	**16**	**11**	–	–	–	–	**5**	–	–	–	–	...

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
SPOKANE SMSA—Continued												
Total—Continued												
Female employed	594	38 451	1 151	2 381	5 893	3 476	2 750	7 347	8 340	3 429	2 213	1 471	39.9
Professional, technical, and kindred workers	–	6 751	24	119	876	826	560	1 308	1 665	699	414	260	42.4
Accountants	–	362	–	4	19	44	16	103	96	29	26	25	44.5
Computer specialists	–	26	–	5	10	–	–	5	6	–	–	–	...
Librarians	–	149	–	10	33	–	8	23	25	16	15	19	45.2
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	35	–	10	–	–	5	5	9	–	–	6	...
Registered nurses, dietitians, and therapists	–	1 663	–	21	150	200	113	412	400	165	139	63	43.4
Dietitians	–	43	–	–	–	–	–	8	15	15	5	–	...
Registered nurses	–	1 541	–	16	137	189	109	390	365	144	128	63	43.2
Health technologists and technicians	–	340	4	21	93	51	18	47	64	20	17	5	30.3
Social scientists	–	20	–	–	5	–	–	4	6	5	–	–	...
Social and recreation workers	–	252	–	4	37	54	18	38	52	33	11	5	38.4
Teachers: College and university	–	306	–	15	50	55	35	43	68	20	9	11	34.7
Elementary and prekindergarten	–	1 657	–	5	201	187	180	259	482	216	80	47	44.9
Secondary	–	528	–	–	83	88	61	73	135	63	14	11	39.4
Other teachers	–	292	7	–	24	18	34	59	68	16	20	46	45.6
Engineering and science technicians	–	59	–	–	11	–	5	11	27	5	–	–	...
Technicians, except health, and engineering and science	–	6	–	–	–	–	–	–	–	–	6	–	...
Writers, artists, and entertainers	–	258	13	5	39	12	14	63	61	25	21	5	42.3
Actors and dancers	–	4	4	–	–	–	–	–	–	–	–	–	...
Authors, editors, and reporters	–	26	–	–	6	–	–	4	11	–	5	–	...
Other professional, technical, and kindred workers	–	798	–	19	121	117	53	163	166	86	56	17	40.5
Managers and administrators, except farm	–	1 646	–	24	82	111	91	284	551	208	218	77	49.2
Buyers, purchasing agents, and sales managers	–	236	–	7	14	26	20	50	90	11	13	5	45.1
Restaurant, cafeteria, and bar managers	–	157	–	–	5	10	16	10	55	29	32	–	51.8
School administrators	–	54	–	6	–	–	5	–	24	11	8	–	...
Other specified managers and administrators	–	458	–	–	33	40	19	66	143	39	65	53	50.0
Managers and administrators, n.e.c., salaried	–	569	–	11	30	35	23	119	167	90	80	14	49.0
Wholesale and retail trade	–	222	–	–	19	16	13	18	77	42	37	–	50.8
Managers and administrators, n.e.c., self-employed	–	172	–	–	–	–	8	39	72	28	20	5	50.4
Wholesale and retail trade	–	84	–	–	–	–	8	–	59	12	5	–	...
Sales workers	19	3 060	75	253	404	178	157	637	716	333	169	138	42.3
Demonstrators, hucksters, and peddlers	–	386	–	22	62	49	35	131	40	40	–	7	36.9
Insurance, real estate agents, and brokers	–	168	–	–	5	10	10	42	59	10	10	22	47.9
Sales clerks, retail trade	15	1 950	44	193	277	76	58	380	478	233	129	82	43.6
Salesmen, retail trade	–	72	–	5	10	6	5	17	20	–	9	–	...
Other sales workers	4	484	31	33	50	37	49	67	119	50	21	27	41.3
Clerical and kindred workers	22	13 357	216	902	2 533	1 254	1 043	2 835	2 788	912	599	275	37.6
Bank tellers	–	415	–	13	59	77	40	122	83	10	11	–	36.5
Bookkeepers	–	1 954	12	45	258	147	134	573	439	191	95	60	41.6
Cashiers	–	1 039	29	104	130	127	129	214	200	52	50	4	35.0
Counter clerks, except food	–	203	15	15	22	8	14	44	39	14	15	17	41.3
Enumerators and interviewers	–	119	–	4	4	17	8	37	34	5	5	5	42.2
File clerks	–	261	19	27	90	17	15	13	36	19	16	9	24.7
Office machine operators	–	468	–	9	148	86	51	114	47	4	9	–	29.5
Bookkeeping and billing machine operators	–	68	–	–	28	11	12	17	–	–	–	–	...
Keypunch operators	–	232	–	9	68	60	23	50	17	–	5	–	28.3
Payroll and timekeeping clerks	–	44	–	–	5	10	–	14	5	–	5	5	...
Receptionists	10	556	12	70	148	52	44	119	52	24	11	24	29.6
Secretaries	–	3 548	28	250	753	279	289	681	824	258	138	48	37.6
Stenographers	–	240	4	13	28	37	25	22	57	35	19	–	40.9
Telephone operators	–	472	5	50	100	54	14	77	100	35	19	18	36.7
Typists	1	759	6	106	214	80	41	128	125	30	23	6	28.3
Other clerical and kindred workers	11	3 279	86	196	574	263	239	677	747	235	183	79	39.2
Craftsmen and kindred workers	5	563	5	7	92	19	48	129	145	75	33	10	43.6
Foremen, n.e.c.	–	111	–	–	16	–	5	17	20	34	16	3	53.8
Operatives, except transport	15	1 862	36	76	191	141	149	348	545	179	133	64	44.7
Assemblers	–	148	5	4	19	16	21	33	40	10	–	–	37.7
Bottling and canning operatives	–	5	–	–	–	–	–	5	–	–	–	–	...
Checkers, examiners, and inspectors, manufacturing	–	37	–	5	13	5	–	4	5	5	–	–	...
Dressmakers and seamstresses, except factory	–	206	–	6	4	–	–	41	57	32	46	20	54.1
Laundry and dry cleaning operatives, including ironers	–	383	5	10	18	29	32	47	155	46	25	16	48.3
Graders and sorters, manufacturing	–	6	–	–	–	–	–	–	6	–	–	–	...
Packers and wrappers, except produce	11	273	10	23	28	5	36	65	69	20	17	–	40.3
Sewers and stitchers	–	167	–	19	34	8	5	22	41	9	11	18	43.0
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	4	375	5	5	43	47	25	101	108	27	4	10	41.2
Miscellaneous and not specified operatives	–	262	11	4	32	31	30	30	64	30	30	–	42.7
Manufacturing	–	129	5	4	17	22	15	25	30	11	–	–	35.6
Durable goods	–	51	–	–	12	9	5	15	5	5	–	–	...
Machinery, including electrical	–	14	–	–	–	9	–	–	5	–	–	–	...
Other durable goods	–	37	–	–	12	–	5	15	–	5	–	–	...
Nondurable goods, including not specified manufacturing	–	78	5	4	5	13	10	10	25	6	–	–	...
Food and kindred products	–	28	–	–	–	4	–	5	19	–	–	–	...
Apparel and other fabricated textile products	–	6	–	–	–	–	–	–	–	6	–	–	...
Nonmanufacturing industries	–	133	6	–	15	9	15	5	34	19	30	–	49.9
Transport equipment operatives	–	126	4	4	33	12	3	36	10	14	6	4	36.9
Laborers, except farm	23	256	12	20	49	16	23	45	44	43	–	4	36.8
Farmers and farm managers	–	21	–	–	–	–	–	–	5	–	5	11	...
Farm laborers and farm foremen	12	156	27	5	4	5	26	21	34	17	13	4	40.2
Paid farm laborers and farm foremen	12	140	27	5	4	5	26	15	24	17	13	4	37.0
Unpaid family workers	–	16	–	–	–	–	–	6	10	–	–	–	...
Service workers, except private household[1]	208	8 963	459	861	1 457	804	562	1 530	1 657	766	486	381	37.2
Cleaning service workers	16	961	53	47	115	15	63	169	198	124	89	88	45.9
Chambermaids and maids	–	289	20	14	39	5	16	57	75	42	21	–	43.9
Food service workers	30	3 613	250	407	559	293	249	649	730	277	120	79	35.7
Cooks, except private household	4	954	21	29	46	27	64	205	324	120	73	45	47.6
Waiters and food counter workers	21	2 030	180	316	457	228	126	316	243	127	19	18	26.4
Health service workers	8	2 462	49	257	428	273	136	398	445	235	146	95	37.2
Nursing aides, orderlies, and attendants	8	1 509	33	125	237	163	91	237	311	160	100	52	39.5
Practical nurses	–	455	–	–	56	48	18	90	107	58	35	43	46.4
Personal service workers	33	1 303	45	84	256	163	88	178	205	85	94	105	35.9
Hairdressers and cosmetologists	–	619	–	22	185	80	49	64	115	33	55	16	32.3
Private household workers	290	1 690	293	110	172	110	88	174	180	183	137	243	39.1
Private household workers, living in	–	75	6	17	–	4	–	10	4	8	–	26	...
Private household workers, living out	290	1 615	287	93	172	106	88	164	176	175	137	217	38.8

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
TACOMA SMSA												
Total												
Male employed	1 144	77 871	2 162	2 652	7 545	8 981	7 898	16 787	17 688	7 078	4 417	2 663	40.8
Professional, technical, and kindred workers	5	10 337	26	75	865	1 384	1 433	2 650	2 407	659	489	349	40.2
Accountants	–	760	–	–	57	124	86	183	172	65	41	32	41.2
Architects	–	90	–	–	–	9	10	43	14	–	8	6	...
Computer specialists	–	282	–	–	39	85	61	64	22	–	6	5	31.4
Engineers	–	1 271	–	5	40	106	189	360	385	91	56	39	43.2
Aeronautical and astronautical	–	96	–	–	5	12	33	20	22	4	–	–	...
Civil	–	300	–	5	10	37	36	95	73	19	10	15	41.5
Electrical and electronic	–	207	–	–	6	10	29	60	75	10	9	8	44.8
Mechanical	–	233	–	–	10	31	32	50	73	27	10	–	43.7
Other engineers	–	435	–	–	9	16	59	135	142	31	27	16	44.9
Lawyers and judges	–	391	–	–	5	31	60	126	58	42	25	44	42.9
Life and physical scientists	–	164	–	–	11	3	32	39	50	14	10	5	44.2
Chemists	–	70	–	–	11	3	21	13	17	–	5	–	...
Physicians, dentists, and related practitioners	–	868	–	–	12	50	85	195	315	74	75	62	47.9
Dentists	–	152	–	–	–	5	17	53	50	–	15	12	45.2
Pharmacists	–	171	–	–	12	30	20	14	46	12	5	32	47.1
Physicians, medical and osteopathic	–	430	–	–	–	5	44	103	160	57	43	18	48.9
Other related practitioners	–	115	–	–	–	10	4	25	59	5	12	–	48.1
Health technologists and technicians	–	80	–	–	11	4	13	20	17	10	–	5	...
Religious workers	–	357	–	–	21	46	27	96	60	31	28	48	43.8
Social scientists	–	119	–	–	3	–	20	26	50	16	4	–	47.1
Social and recreation workers	–	364	–	11	33	70	46	68	81	22	28	5	38.2
Teachers	–	2 264	9	15	203	436	360	583	461	105	76	16	36.9
College and university	–	337	–	10	14	59	56	84	93	11	4	6	38.5
Elementary and prekindergarten	–	617	–	–	60	150	115	131	106	30	25	–	34.3
Secondary	–	1 174	9	–	124	223	174	343	225	45	31	–	36.7
Engineering and science technicians	5	910	–	–	155	169	95	295	131	39	21	5	36.2
Draftsmen and surveyors	–	418	–	–	85	87	59	115	42	16	9	5	33.1
Electrical and electronic engineering technicians	–	169	–	–	16	45	10	62	36	–	–	–	37.2
Technicians, except health, and engineering and science	–	320	–	6	24	32	83	106	54	10	–	5	36.4
Airplane pilots	–	106	–	–	–	8	34	37	17	5	–	5	38.0
Writers, artists, and entertainers	–	575	17	9	95	77	64	95	161	34	9	14	37.7
Other professional, technical, and kindred workers	–	1 522	–	29	156	142	202	351	376	106	102	58	41.6
Managers and administrators, except farm	6	9 255	10	41	454	739	908	2 565	2 453	1 151	557	377	44.7
Buyers, purchasing agents, and sales managers	–	1 206	–	5	99	134	131	351	250	153	40	43	41.7
School administrators	–	339	–	–	–	29	30	143	84	38	11	4	42.7
Specified managers and administrators, public administration	–	647	–	–	–	15	16	165	274	99	60	18	49.7
Other specified managers and administrators	6	1 968	–	19	145	227	227	425	474	207	124	120	43.6
Managers and administrators, n.e.c., salaried	–	3 806	10	12	200	266	399	1 147	1 019	476	186	91	43.9
Manufacturing	–	925	–	–	16	57	101	283	289	95	51	33	45.2
Wholesale and retail trade	–	1 172	10	12	95	121	51	328	331	137	79	8	44.1
Transportation, communications, and other public utilities	–	347	–	–	15	4	43	104	91	75	5	10	45.8
All other industries	–	1 362	–	–	74	84	204	432	308	169	51	40	42.4
Managers and administrators, n.e.c., self-employed	–	1 289	–	5	10	68	105	334	352	178	136	101	48.5
Construction	–	301	–	5	6	27	25	87	84	40	16	11	45.1
Manufacturing	–	91	–	–	–	5	–	38	8	9	17	14	...
Wholesale and retail trade	–	687	–	–	4	26	56	149	207	86	87	72	50.2
All other industries	–	210	–	–	–	10	24	60	53	43	16	4	47.1
Sales workers	539	5 651	241	209	585	669	618	1 269	1 137	440	242	241	39.0
Insurance agents, brokers, and underwriters	5	594	–	–	65	97	69	154	148	39	5	17	39.3
Real estate agents and brokers	–	641	–	–	20	82	54	138	141	96	62	48	46.9
Sales representatives, manufacturing industries	–	372	–	–	6	78	96	98	58	19	5	12	35.6
Sales representatives, wholesale trade	–	968	12	–	74	122	148	255	230	47	45	35	40.0
Sales clerks, retail trade	27	1 272	66	152	197	155	108	186	201	94	54	59	33.1
Salesmen, retail trade	–	820	13	31	97	73	85	205	166	92	34	24	40.4
Salesmen of services and construction	4	280	–	4	37	28	23	87	64	11	22	4	40.5
Other sales workers	503	704	150	22	89	34	35	146	129	42	15	42	36.5
Clerical and kindred workers	37	5 454	104	180	700	565	471	1 083	1 452	445	265	189	41.5
Bank tellers and cashiers	–	279	18	44	98	25	27	17	24	5	–	21	24.0
Bookkeepers and billing clerks	–	236	–	–	25	37	9	37	54	32	18	24	46.9
Mail handlers and postal clerks	–	861	13	15	66	39	52	184	380	77	15	20	46.6
Other clerical and kindred workers	37	4 078	73	121	511	464	383	845	994	331	232	124	40.8
Craftsmen and kindred workers	20	18 786	82	184	1 474	2 384	2 030	4 443	4 584	1 904	1 266	435	42.3
Apparel craftsmen and upholsterers	–	142	–	–	19	5	4	43	14	10	6	41	45.0
Bakers	–	108	–	–	4	24	6	11	38	15	10	–	47.4
Cabinetmakers	–	227	–	7	24	16	21	45	62	23	24	5	45.1
Construction craftsmen	10	5 500	22	56	393	694	591	1 179	1 399	617	361	188	43.4
Carpenters	–	1 988	8	20	161	211	226	361	539	228	148	86	45.1
Excavating, grading, and road machine operators	–	637	–	21	13	74	69	129	199	83	35	14	45.6
Electricians	–	927	–	5	76	111	105	292	148	92	76	22	40.7
Masons and tile setters	–	177	4	–	–	23	18	53	50	20	5	4	43.2
Painters, construction and maintenance, and paperhangers	10	612	10	10	37	67	38	123	154	99	42	32	46.4
Plasterers and cement finishers	–	148	–	–	19	18	17	36	29	16	4	9	40.6
Plumbers and pipe fitters	–	654	–	–	46	130	83	95	200	52	27	21	42.2
Other construction craftsmen	–	357	–	–	41	60	35	90	80	27	24	–	39.7
Foremen, n.e.c.	–	1 767	–	–	33	129	116	498	590	235	143	23	46.8
Manufacturing	–	814	–	–	14	43	57	208	288	126	72	6	48.0
Nonmanufacturing industries	–	953	–	–	19	86	59	290	302	109	71	17	45.7
Linemen and servicemen, telephone and power	–	850	–	10	118	214	98	195	168	26	21	–	34.2
Locomotive engineers and firemen	–	121	–	–	5	–	5	15	71	10	15	–	50.0
Mechanics and repairmen	5	4 788	46	48	410	573	549	1 167	1 130	494	286	85	41.6
Air conditioning, heating, and refrigeration	–	144	–	–	–	6	11	27	41	25	28	6	51.8
Aircraft	–	690	–	–	39	98	112	168	200	54	14	5	40.7
Automobile, including body	5	1 945	20	38	232	260	214	436	413	174	117	41	39.8
Radio and television	–	278	–	–	25	29	20	80	67	23	27	7	43.1
Other mechanics and repairmen	–	1 731	26	10	114	180	192	456	409	218	100	26	42.5
Metal craftsmen, except mechanics	–	1 982	–	10	155	236	265	536	438	178	148	16	41.1
Machinists and job and die setters	–	871	–	4	68	80	117	271	218	64	44	5	41.1
Sheetmetal workers and tinsmiths	–	371	–	–	47	43	51	98	62	53	17	–	39.5
Tool and die makers	–	122	–	–	–	33	28	25	24	7	5	–	35.0
Other metal craftsmen	–	618	–	6	40	80	69	142	134	54	82	11	43.0
Printing craftsmen	–	406	–	8	38	64	67	59	52	67	33	18	39.4
Compositors and typesetters	–	120	–	–	13	13	–	21	14	18	28	13	54.3
Pressmen and plate printers, printing	–	241	–	8	16	51	63	28	32	38	–	5	33.6
Stationary engineers and power station operators	–	305	–	–	5	12	30	71	134	33	20	–	47.6
Other craftsmen and kindred workers	5	2 590	14	45	270	417	278	624	488	196	199	59	39.3

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	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
TACOMA SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	46	8 754	230	549	1 152	1 146	949	1 510	1 771	762	487	198	37.3
Assemblers	–	317	–	11	51	66	54	52	54	15	10	4	32.8
Checkers, examiners, and inspectors, manufacturing	–	282	–	–	9	54	49	76	68	12	10	4	38.8
Garage workers and gas station attendants	16	765	134	205	162	77	72	23	55	26	11	–	21.3
Laundry and drycleaning operatives, n.e.c	–	95	–	9	16	26	5	3	18	5	5	8	...
Meat cutters and butchers	–	530	5	10	78	52	61	130	88	51	31	24	39.5
Mine operatives, n.e.c	–	32	–	–	–	5	5	5	11	–	6	–	...
Packers and wrappers, except produce	–	194	22	26	33	16	12	24	41	15	5	–	30.0
Painters, manufactured articles	–	134	4	9	11	27	16	25	18	16	–	8	35.0
Precision machine operatives	–	211	6	5	20	13	30	55	43	23	10	6	40.7
Sawyers	–	275	–	7	44	20	15	21	51	53	46	18	51.0
Stationary firemen	–	283	–	–	21	9	29	79	74	35	26	10	45.5
Textile operatives	–	5	–	–	–	–	–	–	5	–	–	–	...
Welders and flamecutters	–	773	–	30	31	137	71	165	226	50	53	10	42.1
Other metalworking operatives	6	403	–	6	54	84	64	57	95	43	–	–	34.5
Other specified operatives	17	1 611	25	82	228	156	187	297	335	151	105	45	39.3
Miscellaneous and not specified operatives	7	2 844	34	149	394	404	279	498	589	267	169	61	38.3
Occupation:													
Machine operatives, miscellaneous specified	7	1 281	12	57	180	179	122	277	259	98	77	20	38.3
Machine operatives, not specified	–	394	–	16	63	76	24	58	102	40	15	–	38.1
Miscellaneous operatives	–	850	22	61	85	104	97	128	163	102	51	37	39.4
Not specified operatives	–	319	–	15	66	45	36	35	65	27	26	4	34.7
Industry:													
Manufacturing	–	2 363	12	108	331	346	231	416	510	221	136	52	38.7
Durable goods	–	1 484	12	69	182	232	152	235	324	156	77	45	39.0
Wood products, including furniture	–	676	12	40	103	61	43	67	170	89	60	31	45.7
Primary metal industries	–	314	–	14	65	64	24	66	51	20	6	4	32.9
Fabricated metal industries	–	40	–	10	–	5	5	5	10	5	–	–	...
Machinery, including electrical	–	47	–	–	–	5	21	9	12	–	–	–	...
Motor vehicles and equipment	–	17	–	–	–	11	–	6	–	–	–	–	...
Transportation equipment, except motor vehicles	–	296	–	5	–	66	41	72	65	36	6	5	40.0
Other durable goods	–	94	–	–	14	20	18	10	16	6	5	5	...
Nondurable goods	–	879	–	39	149	114	79	181	186	65	59	7	38.2
Food and kindred products	–	241	–	10	23	24	28	59	49	26	22	–	41.0
Apparel and other fabricated textile products	–	10	–	6	–	4	–	–	–	–	–	–	...
Paper and allied products	–	357	–	9	71	46	28	85	62	34	22	–	37.9
Chemicals and allied products	–	150	–	–	19	15	13	32	49	5	10	7	43.8
Other nondurable goods	–	121	–	14	36	25	10	5	26	–	5	–	27.1
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	7	481	22	41	63	58	48	82	79	46	33	9	36.0
Transportation, communications, and other public utilities	–	104	–	4	5	17	11	9	34	12	8	4	46.8
Wholesale and retail trade	–	197	16	23	38	32	10	31	21	16	10	–	28.4
All other industries	7	180	6	14	20	9	27	42	24	18	15	5	38.3
Transport equipment operatives	23	4 952	82	155	495	683	560	1 144	1 101	507	161	64	39.4
Bus drivers	–	335	–	5	52	11	31	52	81	72	20	11	47.0
Taxicab drivers and chauffeurs	–	183	–	–	–	24	29	47	53	21	3	6	43.2
Truck drivers and deliverymen	14	3 209	75	88	326	441	402	743	706	318	93	17	38.7
Other transport equipment operatives	9	1 225	7	62	117	207	98	302	261	96	45	30	39.0
Laborers, except farm	211	6 668	806	606	1 020	795	502	932	1 028	422	371	186	31.1
Construction laborers	16	1 049	54	55	190	161	74	153	196	88	59	19	34.4
Freight, stock, and material handlers	31	2 895	448	308	402	364	223	376	457	142	141	34	29.0
Other specified laborers	137	1 786	251	155	237	183	130	271	222	118	99	120	32.6
Miscellaneous and not specified laborers	27	938	53	88	191	87	75	132	153	74	72	13	33.3
Occupation:													
Miscellaneous laborers	4	377	5	15	79	38	35	42	82	29	48	4	38.9
Not specified laborers	23	561	48	73	112	49	40	90	71	45	24	9	29.8
Industry:													
Manufacturing	5	427	8	51	107	38	44	67	72	30	10	–	31.1
Durable goods	5	296	8	20	80	34	29	53	42	26	4	–	31.0
Wood products, including furniture	5	80	–	–	32	5	6	16	10	11	–	–	...
Metal industries	–	157	8	10	37	24	17	24	18	15	4	–	29.9
Machinery, including electrical	–	6	–	–	–	–	–	–	6	–	–	–	...
Transportation equipment	–	34	–	–	11	–	6	13	4	–	–	–	...
Other durable goods	–	19	–	10	–	5	–	–	4	–	–	–	...
Nondurable goods	–	131	–	31	27	4	15	14	30	4	6	–	31.2
Food and kindred products	–	58	–	21	5	–	10	8	14	–	–	–	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	22	511	45	37	84	49	31	65	81	44	62	13	36.5
Railroads and railway express service	–	109	–	11	22	20	–	26	–	5	25	–	35.6
Transportation, except railroads	–	19	6	–	–	–	–	–	7	–	6	–	...
Communications, and utilities and sanitary services	–	65	–	7	5	5	4	4	24	–	16	–	...
Wholesale and retail trade	8	124	19	9	25	6	8	12	25	11	–	9	31.9
All other industries	14	194	20	10	32	18	19	23	25	28	15	4	34.5
Farmers and farm managers	5	618	–	–	24	29	30	142	168	54	67	104	50.0
Farm laborers and farm foremen	97	607	117	72	54	55	36	70	70	35	38	60	30.8
Paid farm laborers and farm foremen	97	577	93	66	54	55	36	70	70	35	38	60	32.8
Unpaid family workers	–	30	24	6	–	–	–	–	–	–	–	–	...
Service workers, except private household[1]	129	6 742	459	581	722	532	355	961	1 512	699	469	452	42.5
Cleaning service workers	54	2 165	128	178	216	78	47	216	543	318	239	202	49.0
Food service workers	11	1 438	270	290	174	53	70	179	198	98	67	39	24.6
Cooks, except private household	–	580	61	88	55	12	29	110	103	57	49	16	39.1
Busboys and dishwashers	5	336	131	125	49	12	4	–	5	5	–	5	18.6
Health service workers	6	470	–	12	109	48	15	39	167	28	27	25	45.7
Personal service workers	17	665	51	36	46	79	57	103	144	46	34	69	41.2
Protective service workers	–	1 505	–	4	125	220	144	369	367	141	77	58	42.0
Firemen, fire protection	–	441	–	–	25	73	55	103	134	23	28	–	41.6
Guards and watchmen	–	456	–	4	32	10	22	122	135	62	33	36	47.8
Policemen and detectives	–	521	–	–	68	123	63	123	68	56	5	15	35.5
Private household workers	26	47	5	–	–	–	6	18	5	–	5	8	...

[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
TACOMA SMSA—Continued												
Total—Continued												
Female employed	465	46 654	1 367	2 454	6 942	4 497	3 648	10 014	10 290	3 569	2 351	1 522	39.4
Professional, technical, and kindred workers	–	8 082	48	112	1 153	1 014	670	1 703	1 898	722	520	242	41.1
Accountants	–	508	–	19	53	45	20	141	141	71	18	–	43.3
Computer specialists	–	47	–	–	22	9	–	16	–	–	–	–	...
Librarians	–	242	–	20	11	8	10	45	70	21	43	14	48.9
Mathematical specialists	–	26	–	–	–	10	6	–	6	4	–	–	...
Life and physical scientists	–	30	–	–	4	6	–	–	15	5	–	–	...
Registered nurses, dietitians, and therapists	–	1 538	–	4	173	157	111	450	352	156	97	38	42.2
Dietitians	–	31	–	–	6	–	9	7	9	–	–	–	...
Registered nurses	–	1 387	–	4	141	126	92	430	312	152	92	38	42.7
Health technologists and technicians	–	260	–	9	70	29	29	64	34	15	10	–	33.8
Social scientists	–	64	–	–	7	9	11	10	11	5	5	6	...
Social and recreation workers	–	353	–	8	28	79	16	80	69	31	27	15	40.7
Teachers: College and university	–	128	–	–	15	13	11	3	43	20	16	7	50.1
Elementary and prekindergarten	–	2 320	13	16	374	354	191	409	519	208	163	73	40.2
Secondary	–	816	5	–	125	130	87	163	166	74	61	5	38.7
Other teachers	–	224	6	5	17	32	16	54	43	17	5	29	41.7
Engineering and science technicians	–	78	5	5	21	–	6	15	13	6	7	–	...
Technicians, except health, and engineering and science	–	43	–	5	13	–	–	6	14	5	–	–	...
Writers, artists, and entertainers	–	328	15	10	71	24	26	56	84	21	11	10	38.2
Actors and dancers	–	20	–	–	11	4	5	–	–	–	–	–	...
Authors, editors, and reporters	–	37	–	–	–	–	–	4	23	4	6	–	...
Other professional, technical, and kindred workers	–	1 077	4	11	149	109	130	191	318	63	57	45	42.1
Managers and administrators, except farm	–	1 897	–	15	97	143	162	503	536	173	168	100	45.5
Buyers, purchasing agents, and sales managers	–	271	–	–	17	28	30	105	70	6	15	–	40.8
Restaurant, cafeteria, and bar managers	–	169	–	–	11	9	13	86	27	9	14	–	41.0
School administrators	–	90	–	–	–	10	5	17	31	4	18	5	...
Other specified managers and administrators	–	526	–	10	35	41	49	108	132	56	49	46	46.5
Managers and administrators, n.e.c., salaried	–	581	–	5	30	45	44	126	202	67	39	23	47.0
Wholesale and retail trade	–	218	–	5	13	13	4	58	73	27	9	16	47.2
Managers and administrators, n.e.c., self-employed	–	260	–	–	4	10	21	61	74	31	33	26	49.6
Wholesale and retail trade	–	146	–	–	4	–	5	30	40	18	28	21	53.5
Sales workers	28	3 882	125	227	468	316	287	751	977	333	221	177	41.9
Demonstrators, hucksters, and peddlers	–	384	–	10	30	65	58	74	61	18	26	42	38.9
Insurance, real estate agents, and brokers	–	420	–	–	34	34	32	96	152	26	16	30	45.9
Sales clerks, retail trade	15	2 378	90	169	330	143	143	452	614	224	156	57	41.9
Salesmen, retail trade	–	86	–	11	–	6	–	20	24	10	9	6	...
Other sales workers	13	614	35	37	74	68	54	109	126	55	14	42	38.6
Clerical and kindred workers	45	16 478	271	1 065	3 170	1 616	1 228	3 490	3 719	1 045	567	307	37.5
Bank tellers	–	513	–	11	129	74	59	149	65	20	6	–	33.6
Bookkeepers	–	2 282	10	56	243	236	252	492	622	208	99	64	42.0
Cashiers	–	1 205	55	123	198	98	62	333	271	46	15	4	37.0
Counter clerks, except food	5	203	5	21	29	16	5	62	50	6	4	5	39.1
Enumerators and interviewers	–	33	–	–	12	–	–	9	8	–	4	–	...
File clerks	14	437	19	102	103	39	21	72	51	10	10	10	24.7
Office machine operators	–	599	–	44	164	89	94	102	60	32	7	7	30.1
Bookkeeping and billing machine operators	–	88	–	21	19	11	10	19	8	–	–	–	...
Keypunch operators	–	366	–	23	107	68	70	69	16	13	–	–	28.9
Payroll and timekeeping clerks	–	144	–	4	29	10	5	11	68	6	–	11	46.9
Receptionists	5	714	11	83	147	78	70	153	105	35	27	5	32.7
Secretaries	–	3 650	54	160	776	408	260	727	931	192	92	50	37.3
Stenographers	–	290	–	9	53	19	20	70	66	39	9	5	41.3
Telephone operators	–	644	–	71	188	25	44	115	144	21	24	12	34.3
Typists	–	1 223	28	124	269	145	38	259	243	70	36	11	35.3
Other clerical and kindred workers	21	4 541	89	257	830	379	298	936	1 035	360	234	123	39.5
Craftsmen and kindred workers	–	769	6	18	64	68	48	243	163	80	41	38	42.4
Foremen, n.e.c.	–	149	–	–	–	–	7	57	50	17	18	–	47.1
Operatives, except transport	9	3 156	71	99	240	269	265	935	748	279	130	120	41.8
Assemblers	–	123	6	–	–	11	5	33	57	–	6	5	46.1
Bottling and canning operatives	–	12	–	–	–	–	–	6	6	–	–	–	...
Checkers, examiners, and inspectors; manufacturing	–	62	–	–	5	6	6	11	22	–	6	6	...
Dressmakers and seamstresses, except factory	–	244	–	–	2	13	14	72	80	28	17	18	47.6
Laundry and dry cleaning operatives, including ironers	–	516	6	16	21	35	48	150	145	66	14	15	43.8
Graders and sorters, manufacturing	–	23	–	3	–	–	4	9	7	–	–	–	...
Packers and wrappers, except produce	–	416	9	10	15	18	39	163	106	56	–	–	42.2
Sewers and stitchers	–	491	–	14	42	22	26	168	108	55	18	38	43.4
Textile operatives	–	6	–	–	–	–	6	–	–	–	–	–	...
Other specified operatives	5	634	11	25	88	97	70	155	101	20	42	25	36.7
Miscellaneous and not specified operatives	4	629	39	31	67	67	47	168	116	54	27	13	38.8
Manufacturing	4	427	8	15	62	36	29	140	86	29	14	8	39.5
Durable goods	–	161	8	10	22	16	11	48	33	5	–	8	37.8
Machinery, including electrical	–	11	–	–	4	4	–	–	–	–	–	3	...
Other durable goods	–	150	8	10	18	12	11	48	33	5	–	5	38.3
Nondurable goods, including not specified manufacturing	4	266	–	5	40	20	18	92	53	24	14	–	40.4
Food and kindred products	–	99	–	5	–	5	6	30	30	18	5	–	...
Apparel and other fabricated textile products	–	35	–	–	20	–	–	15	–	–	–	–	...
Nonmanufacturing industries	–	202	31	16	5	31	18	28	30	25	13	5	35.0
Transport equipment operatives	–	169	6	–	17	27	9	44	41	9	16	–	40.8
Laborers, except farm	10	595	79	43	84	52	53	130	75	46	30	3	33.7
Farmers and farm managers	–	145	–	5	17	6	–	25	44	15	13	20	49.4
Farm laborers and farm foremen	38	390	34	11	25	13	64	96	78	15	32	22	40.0
Paid farm laborers and farm foremen	29	352	34	11	25	13	57	96	55	15	28	18	38.8
Unpaid family workers	9	38	–	–	–	–	7	–	23	–	4	4	...
Service workers, except private household[1]	177	9 722	456	720	1 464	921	774	1 993	1 851	763	492	288	37.6
Cleaning service workers	21	864	40	66	52	15	29	176	214	148	82	42	47.5
Chambermaids and maids	–	183	10	22	12	–	–	44	39	39	13	4	45.9
Food service workers	55	4 167	325	330	455	412	382	913	820	315	122	93	37.0
Cooks, except private household	4	989	25	28	47	45	89	210	289	142	84	30	46.7
Waiters and food counter workers	33	2 245	245	247	378	296	183	477	292	85	15	27	29.3
Health service workers	10	2 002	20	172	346	198	147	428	341	166	123	61	37.8
Nursing aides, orderlies, and attendants	10	891	11	76	127	74	90	181	148	100	62	22	38.7
Practical nurses	–	644	–	–	59	64	39	197	135	66	45	39	43.1
Personal service workers	26	1 669	32	63	467	188	119	304	291	72	84	49	33.6
Hairdressers and cosmetologists	5	773	–	16	289	91	65	101	126	24	39	22	29.5
Private household workers	158	1 369	271	139	143	52	88	101	160	89	121	205	34.5
Private household workers, living in	–	62	–	3	6	4	–	16	4	–	14	15	...
Private household workers, living out	158	1 307	271	136	137	48	88	85	156	89	107	190	33.5

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

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	**831 518**	**90 356**	**65 885**	**33 956**	**43 595**	**61 257**	**80 965**	**164 634**	**205 000**	**85 870**	**8 483**	**9 437**
Professional, technical, and kindred workers	**133 060**	**6 445**	**6 768**	**3 384**	**3 905**	**5 805**	**8 055**	**19 466**	**46 450**	**32 782**	**11 367**	**12 218**
Accountants	8 184	360	295	201	257	378	645	1 503	3 160	1 385	10 717	11 455
Architects	1 531	84	103	48	26	56	66	95	591	462	12 432	13 428
Computer specialists	3 363	106	82	50	68	99	161	537	1 698	562	11 703	12 118
Engineers	30 380	488	427	273	428	447	740	2 488	12 956	12 133	13 820	14 161
Aeronautical and astronautical	6 142	43	42	36	63	33	60	172	2 143	3 550	15000+	15000+
Civil	5 105	83	141	39	112	157	187	517	2 375	1 494	12 772	13 174
Electrical and electronic	5 628	104	90	57	61	87	162	509	2 394	2 164	13 642	13 988
Mechanical	4 757	80	47	31	97	57	101	383	1 947	2 014	14 064	14 449
Other engineers	8 748	178	107	110	95	113	230	907	4 097	2 911	13 215	13 486
Lawyers and judges	3 821	169	157	37	46	46	71	181	687	2 427	15000+	15000+
Life and physical scientists	2 543	99	83	73	78	77	138	417	984	594	11 557	12 021
Chemists	969	32	20	35	25	28	57	230	326	216	10 882	11 412
Physicians, dentists, and related practitioners	9 045	302	325	102	190	154	204	417	1 635	5 716	15000+	15000+
Dentists	1 782	45	40	15	64	10	17	48	224	1 319	15000+	15000+
Pharmacists	1 683	98	82	36	49	29	57	131	727	474	12 472	13 162
Physicians, medical and osteopathic	4 442	121	166	32	35	97	99	168	427	3 297	15000+	15000+
Other related practitioners	1 138	38	37	19	42	18	31	70	257	626	15000+	15000+
Health technologists and technicians	1 372	107	106	77	74	104	145	297	340	122	8 492	9 251
Religious workers	3 674	407	380	250	420	557	489	587	477	107	6 682	6 952
Social scientists	1 361	52	38	22	47	6	58	151	570	417	12 689	13 254
Social and recreation workers	2 216	245	198	96	132	183	242	500	458	162	8 048	9 105
Teachers	23 612	1 194	1 774	753	683	1 329	1 905	4 288	9 025	2 661	9 944	10 917
College and university	7 343	505	776	343	224	162	253	646	2 582	1 852	11 477	13 119
Elementary and prekindergarten	5 146	169	287	150	146	491	584	1 313	1 816	190	9 136	9 685
Secondary	9 729	274	553	162	224	636	985	2 170	4 222	503	9 871	10 339
Engineering and science technicians	12 960	565	684	465	377	946	1 279	3 386	4 532	726	9 278	9 762
Draftsmen and surveyors	5 782	254	354	254	213	530	676	1 346	1 815	340	8 906	9 504
Electrical and electronic engineering technicians	2 785	77	117	40	44	146	227	775	1 214	145	9 914	10 492
Technicians, except health, and engineering and science	4 286	100	147	67	122	231	307	601	1 242	1 469	12 287	12 840
Airplane pilots	1 784	14	57	24	17	55	78	128	293	1 118	15000+	15000+
Writers, artists, and entertainers	8 532	1 175	722	300	363	441	515	1 328	2 540	1 148	9 130	10 690
Other professional, technical, and kindred workers	16 180	992	1 247	570	594	751	1 090	2 690	5 555	2 691	10 140	11 273
Managers and administrators, except farm	**95 458**	**3 924**	**3 338**	**2 160**	**2 908**	**4 405**	**6 397**	**14 812**	**32 597**	**24 917**	**11 501**	**11 935**
Buyers, purchasing agents, and sales managers	12 530	251	230	208	314	613	947	2 347	4 736	2 884	11 431	11 697
School administrators	3 005	55	64	23	12	61	52	218	1 357	1 163	13 749	14 165
Specified managers and administrators, public administration	6 558	147	128	49	122	368	573	1 451	2 579	1 141	10 855	11 109
Other specified managers and administrators	17 384	930	868	528	679	850	1 120	2 640	5 987	3 782	10 899	11 505
Managers and administrators, n.e.c., salaried	40 702	1 255	1 030	626	900	1 596	2 743	6 187	14 202	12 163	12 117	12 534
Manufacturing	8 822	173	116	54	158	214	294	1 062	3 322	3 429	13 522	13 751
Wholesale and retail trade	14 191	458	396	320	400	804	1 487	2 697	4 396	3 233	10 607	11 107
Transportation, communications, and other public utilities	4 348	127	80	39	53	123	248	770	1 832	1 076	12 003	12 278
All other industries	13 341	497	438	213	289	455	714	1 658	4 652	4 425	12 587	13 167
Managers and administrators, n.e.c., self-employed	15 279	1 286	1 018	726	881	917	962	1 969	3 736	3 784	9 879	10 555
Construction	3 403	248	211	171	154	172	170	410	936	931	10 884	12 180
Manufacturing	1 236	149	73	25	95	68	83	163	304	276	9 534	10 032
Wholesale and retail trade	7 262	559	498	370	429	434	527	991	1 764	1 690	9 643	10 012
All other industries	3 378	330	236	160	203	243	182	405	732	887	9 654	10 515
Sales workers	**57 068**	**5 674**	**4 390**	**2 376**	**2 719**	**3 750**	**5 330**	**10 562**	**13 647**	**8 620**	**8 813**	**9 673**
Insurance agents, brokers, and underwriters	6 156	163	318	178	241	393	537	1 131	1 729	1 466	10 338	11 132
Real estate agents and brokers	6 141	515	602	316	318	344	456	781	1 266	1 543	9 330	10 550
Sales representatives, manufacturing industries	4 899	150	162	62	147	202	342	1 129	1 697	1 008	10 753	11 274
Sales representatives, wholesale trade	11 653	364	312	332	364	622	1 239	2 786	3 758	1 876	9 862	10 272
Sales clerks, retail trade	12 159	1 991	1 740	888	941	1 114	1 266	1 921	1 612	686	6 466	7 847
Salesmen, retail trade	7 030	621	473	305	379	549	800	1 440	1 653	810	8 539	9 425
Salesmen of services and construction	2 765	180	251	97	95	166	283	601	751	341	9 033	9 716
Other sales workers	6 265	1 690	532	198	234	360	407	773	1 181	890	7 291	9 300
Clerical and kindred workers	**52 329**	**5 252**	**4 566**	**2 083**	**2 865**	**4 767**	**7 243**	**12 727**	**10 336**	**2 490**	**7 916**	**8 658**
Bank tellers and cashiers	2 626	587	592	233	187	264	233	331	167	32	4 575	6 573
Bookkeepers and billing clerks	3 250	253	325	205	221	260	354	694	696	242	8 020	8 729
Mail handlers and postal clerks	7 525	422	404	227	304	778	1 406	2 707	1 129	148	8 164	8 454
Other clerical and kindred workers	38 928	3 990	3 245	1 418	2 153	3 465	5 250	8 995	8 344	2 068	7 989	8 802
Craftsmen and kindred workers	**186 255**	**9 974**	**10 056**	**5 920**	**8 894**	**13 397**	**20 338**	**49 121**	**59 631**	**8 924**	**9 000**	**9 538**
Apparel craftsmen and upholsterers	1 031	163	77	63	97	99	196	187	129	20	7 084	7 668
Bakers	1 201	61	56	42	69	86	227	418	222	20	8 285	8 726
Cabinetmakers	1 404	140	92	102	133	148	202	307	233	47	7 431	8 147
Construction craftsmen	56 461	3 599	3 710	2 183	3 163	4 090	5 842	13 623	17 949	2 302	8 829	9 730
Carpenters	19 124	1 430	1 693	900	1 337	1 557	2 157	4 657	4 782	611	8 210	9 431
Excavating, grading, and road machine operators	7 322	356	312	235	380	525	892	1 628	2 528	466	9 181	9 677
Electricians	10 385	329	335	223	424	520	993	2 626	4 470	465	9 804	10 265
Masons and tile setters	2 006	89	169	98	89	124	193	466	656	122	9 034	10 223
Painters, construction and maintenance, and paperhangers	5 635	790	629	314	375	412	582	1 335	1 062	136	7 511	8 933
Plasterers and cement finishers	1 462	90	125	71	108	76	105	416	428	43	8 750	9 789
Plumbers and pipe fitters	7 240	328	243	163	222	583	636	1 761	2 969	335	9 641	10 071
Other construction craftsmen	3 287	187	204	179	228	293	284	734	1 054	124	8 732	9 725
Foremen, n.e.c.	21 513	458	290	247	483	903	1 476	4 305	10 335	3 016	11 255	11 525
Manufacturing	11 774	221	113	95	163	390	600	2 098	6 078	2 016	11 816	12 032
Nonmanufacturing industries	9 739	237	177	152	320	513	876	2 207	4 257	1 000	10 455	10 752
Linemen and servicemen, telephone and power	6 987	163	212	196	188	468	688	2 013	2 909	150	9 568	9 824
Locomotive engineers and firemen	1 421	29	28	9	20	41	39	172	839	244	12 220	12 542
Mechanics and repairmen	44 321	2 447	2 528	1 518	2 422	3 641	5 636	12 971	11 813	1 345	8 612	9 039
Air conditioning, heating, and refrigeration	1 485	17	90	53	74	58	209	321	609	54	9 505	9 830
Aircraft	8 211	133	188	194	234	398	694	2 495	3 608	267	9 815	10 196
Automobile, including body	14 945	1 011	1 138	679	1 088	1 678	2 036	4 488	2 414	413	7 923	8 442
Radio and television	2 415	280	203	94	155	184	295	555	579	70	7 988	8 744
Other mechanics and repairmen	17 265	1 006	909	498	871	1 323	2 402	5 112	4 603	541	8 635	9 022
Metal craftsmen, except mechanics	20 383	520	637	469	653	1 214	2 398	7 310	6 732	450	9 177	9 443
Machinists and job and die setters	8 598	226	287	158	251	530	1 059	3 130	2 760	197	9 142	9 418
Sheetmetal workers and tinsmiths	3 727	101	134	95	168	261	433	1 061	1 366	108	9 266	9 512
Tool and die makers	2 126	34	35	23	38	88	252	853	775	28	9 390	9 550
Other metal craftsmen	5 932	159	181	193	196	335	654	2 266	1 831	117	9 102	9 408
Printing craftsmen	3 733	212	136	116	184	287	422	1 020	1 263	93	8 999	9 390
Compositors and typesetters	1 539	94	80	52	41	99	158	529	456	30	8 928	9 254
Pressmen and plate printers, printing	1 695	101	35	59	124	151	248	365	558	54	8 710	9 221
Stationary engineers and power station operators	3 488	91	98	48	87	256	316	1 021	1 373	198	9 661	9 951
Other craftsmen and kindred workers	24 312	2 091	2 192	927	1 395	2 164	2 896	5 774	5 834	1 039	8 170	8 831

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	**91 662**	**9 853**	**9 141**	**4 376**	**5 860**	**8 930**	**12 332**	**23 672**	**15 646**	**1 852**	**7 622**	**8 530**
Assemblers	4 117	393	411	232	251	550	666	1 075	484	55	7 333	8 168
Checkers, examiners, and inspectors; manufacturing	3 402	138	90	51	108	150	331	1 231	1 231	72	9 353	9 660
Garage workers and gas station attendants	8 678	3 106	2 255	719	543	562	536	561	299	97	3 094	5 748
Laundry and drycleaning operatives, n.e.c	911	217	116	73	78	79	122	106	69	51	5 635	7 216
Meat cutters and butchers	3 873	241	188	119	124	274	509	1 390	893	135	8 693	9 047
Mine operatives, n.e.c	601	38	88	17	33	69	98	101	132	25	7 566	8 177
Packers and wrappers, except produce	2 506	405	325	198	247	312	401	451	130	37	6 250	7 533
Painters, manufactured articles	1 253	79	114	41	90	88	208	410	188	35	8 032	8 553
Precision machine operatives	2 997	183	148	66	94	274	451	942	769	70	8 600	9 116
Sawyers	3 907	267	337	182	448	762	619	861	371	60	6 944	7 738
Stationary firemen	1 826	55	69	79	72	152	284	669	415	31	8 604	8 880
Textile operatives	183	28	19	18	25	6	37	35	15	–	6 250	7 531
Welders and flamecutters	8 018	385	373	345	435	651	1 014	2 848	1 803	164	8 566	9 048
Other metalworking operatives	4 171	276	297	172	251	410	613	1 350	742	60	8 099	8 649
Other specified operatives	15 965	1 691	1 730	694	1 072	1 562	2 073	3 792	2 860	491	7 595	8 471
Miscellaneous and not specified operatives	29 254	2 351	2 581	1 370	1 989	3 029	4 370	7 850	5 245	469	7 757	8 546
Occupation:												
Machine operatives, miscellaneous specified	13 459	836	944	583	819	1 376	1 998	3 925	2 769	209	8 088	8 728
Machine operatives, not specified	4 030	191	269	157	326	378	697	1 219	755	38	7 996	8 545
Miscellaneous operatives	8 113	1 035	970	459	585	901	1 119	1 803	1 107	134	7 095	8 181
Not specified operatives	3 652	289	398	171	259	374	556	903	614	88	7 603	8 476
Industry:												
Manufacturing	23 779	1 482	1 907	1 062	1 664	2 490	3 689	6 703	4 421	361	7 890	8 611
Durable goods	14 557	906	1 121	733	1 129	1 775	2 386	3 724	2 544	239	7 677	8 415
Wood products, including furniture	5 135	345	436	325	583	871	811	838	789	137	7 009	7 752
Primary metal industries	2 634	97	146	116	126	217	511	929	482	10	8 224	8 668
Fabricated metal industries	791	78	80	62	71	97	115	189	94	5	7 065	8 146
Machinery, including electrical	907	60	131	64	79	97	144	195	127	10	7 156	7 974
Motor vehicles and equipment	107	5	4	7	10	15	22	38	6	–	7 568	...
Transportation equipment, except motor vehicles	3 522	176	200	95	131	267	528	1 210	854	61	8 602	9 031
Other durable goods	1 461	145	124	64	129	211	255	325	192	16	7 225	7 890
Nondurable goods	9 180	566	780	325	530	703	1 303	2 974	1 877	122	8 258	8 856
Food and kindred products	2 306	262	297	126	201	246	251	594	293	36	7 084	8 445
Apparel and other fabricated textile products	176	37	72	21	17	12	12	–	5	–	3 417	...
Paper and allied products	4 772	148	293	132	203	368	753	1 635	1 178	62	8 598	8 979
Chemicals and allied products	1 072	38	43	15	49	25	144	451	297	10	8 984	9 229
Other nondurable goods	854	81	75	31	60	52	143	294	104	14	7 895	8 549
Not specified manufacturing industries	42	10	6	4	5	12	–	5	–	–	...	...
Nonmanufacturing industries	5 475	869	674	308	325	539	681	1 147	824	108	7 033	8 143
Transportation, communications, and other public utilities	1 253	74	76	51	88	135	229	370	213	17	7 884	8 409
Wholesale and retail trade	2 129	408	313	148	126	213	244	386	266	25	6 326	7 788
All other industries	2 093	387	285	109	111	191	208	391	345	66	6 809	8 245
Transport equipment operatives	**46 724**	**3 927**	**3 492**	**2 018**	**2 592**	**4 098**	**5 668**	**12 926**	**10 759**	**1 244**	**8 242**	**8 906**
Bus drivers	2 624	189	331	118	174	285	275	785	447	20	7 782	8 610
Taxicab drivers and chauffeurs	1 526	228	332	242	201	139	150	142	74	18	4 839	5 896
Truck drivers and deliverymen	32 524	2 625	1 933	1 104	1 542	2 595	3 703	9 526	8 435	1 061	8 579	9 164
Other transport equipment operatives	10 050	885	896	554	675	1 079	1 540	2 473	1 803	145	7 608	8 348
Laborers, except farm	**68 429**	**16 087**	**8 952**	**4 304**	**5 450**	**7 069**	**8 161**	**10 487**	**6 670**	**1 249**	**5 894**	**7 484**
Construction laborers	10 218	1 651	1 124	630	764	1 069	1 457	2 216	1 141	166	6 879	8 211
Freight, stock, and material handlers	26 171	6 456	3 509	1 447	1 952	2 631	3 045	4 109	2 640	382	5 857	7 516
Other specified laborers	20 908	5 310	2 616	1 305	1 636	1 881	2 257	2 878	2 359	666	5 748	7 449
Miscellaneous and not specified laborers	11 132	2 670	1 703	922	1 098	1 488	1 402	1 284	530	35	5 247	6 936
Occupation:												
Miscellaneous laborers	4 487	673	611	328	461	686	704	711	305	8	6 249	7 250
Not specified laborers	6 645	1 997	1 092	594	637	802	698	573	225	27	4 393	6 639
Industry:												
Manufacturing	5 277	782	801	433	600	795	778	802	269	17	6 028	7 185
Durable goods	3 598	500	498	281	415	574	580	552	188	10	6 183	7 201
Wood products, including furniture	1 669	192	225	162	230	319	222	200	114	5	6 080	6 809
Metal industries	897	137	97	60	74	150	156	193	25	5	6 537	7 555
Machinery, including electrical	138	31	37	–	26	16	23	–	5	–	5 038	...
Transportation equipment	531	73	82	37	76	47	113	83	20	–	5 967	7 741
Other durable goods	363	67	57	22	9	42	66	76	24	–	6 631	7 475
Nondurable goods	1 661	278	303	147	179	221	198	250	78	7	5 573	7 150
Food and kindred products	673	173	153	98	83	60	31	40	28	7	4 107	5 822
Not specified manufacturing industries	18	4	–	5	6	–	–	–	3	–	...	...
Nonmanufacturing industries	5 855	1 888	902	489	498	693	624	482	261	18	4 281	6 694
Railroads and railway express service	1 172	133	167	131	138	287	194	87	31	4	6 059	6 613
Transportation, except railroads	280	103	27	28	16	25	31	21	29	–	4 357	...
Communications, and utilities and sanitary services	816	95	93	46	72	149	134	180	47	–	6 685	7 455
Wholesale and retail trade	1 470	604	250	110	127	88	112	100	75	4	3 048	6 340
All other industries	2 117	953	365	174	145	144	153	94	79	10	2 578	6 129
Farmers and farm managers	**17 809**	**4 085**	**2 186**	**1 231**	**1 260**	**1 134**	**1 170**	**1 641**	**2 762**	**2 340**	**6 126**	**6 382**
Farm laborers and farm foremen	**19 433**	**7 840**	**4 330**	**1 921**	**1 785**	**1 257**	**651**	**812**	**582**	**255**	**2 867**	**5 209**
Paid farm laborers and farm foremen	19 081	7 624	4 266	1 912	1 767	1 257	645	807	555	248	2 898	5 244
Unpaid family workers	352	216	64	9	18	–	6	5	27	7	1 630	1 698
Service workers, except private household[1]	**62 942**	**17 095**	**8 593**	**4 168**	**5 331**	**6 645**	**5 620**	**8 382**	**5 911**	**1 197**	**5 303**	**7 071**
Cleaning service workers	21 965	6 126	3 036	1 659	2 623	3 281	2 174	1 955	900	211	5 062	6 337
Food service workers	16 435	7 150	2 879	1 175	973	1 028	1 100	1 223	719	188	2 742	6 128
Cooks, except private household	6 158	1 779	1 086	532	550	555	537	679	377	63	4 402	6 464
Busboys and dishwashers	4 544	3 387	782	211	39	41	26	49	5	4	1 342	2 730
Health service workers	1 832	370	350	248	281	238	183	110	37	15	4 790	5 845
Personal service workers	6 048	1 401	786	358	568	678	534	793	649	281	5 843	7 134
Protective service workers	12 853	871	911	414	560	1 035	1 385	3 958	3 302	417	8 632	9 053
Firemen, fire protection	3 421	82	91	35	73	168	250	1 200	1 378	144	9 686	9 787
Guards and watchmen	3 784	555	645	218	294	422	398	874	359	19	6 427	7 650
Policemen and detectives	4 772	129	123	98	148	319	652	1 649	1 422	232	9 112	9 346
Private household workers	**349**	**200**	**73**	**15**	**26**	–	–	**26**	**9**	–	**1 745**	...

[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	**13 567**	**1 935**	**1 629**	**933**	**1 154**	**1 453**	**1 882**	**2 587**	**1 700**	**294**	**6 779**	**7 674**
Professional, technical, and kindred workers	**1 349**	**165**	**87**	**73**	**136**	**81**	**104**	**252**	**348**	**103**	**8 226**	**9 303**
Accountants	56	6	–	–	25	–	6	10	6	3	...	...
Architects	17	–	6	–	–	–	5	–	–	6	...	...
Computer specialists	24	–	–	–	–	4	5	–	9	6	...	...
Engineers	156	14	–	–	4	–	10	18	72	38	12 222	12 201
Aeronautical and astronautical	33	–	–	–	–	–	5	–	10	18	...	...
Civil	17	–	–	–	–	–	5	5	3	4	...	...
Electrical and electronic	49	10	–	–	–	–	–	4	22	13	...	...
Mechanical	15	4	–	–	–	–	–	4	7	–	...	...
Other engineers	42	–	–	–	4	–	–	5	30	3	...	...
Lawyers and judges	15	–	–	–	7	–	5	–	–	3	...	...
Life and physical scientists	13	–	4	–	–	–	–	5	4	–	...	...
Chemists	9	–	–	–	–	–	–	5	4	–	...	...
Physicians, dentists, and related practitioners	29	–	–	5	–	–	–	3	7	14	...	...
Dentists	7	–	–	–	–	–	–	–	7	–	...	...
Pharmacists	5	–	–	5	–	–	–	–	–	–	...	–
Physicians, medical and osteopathic	17	–	–	–	–	–	–	3	–	14	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	27	–	–	–	–	–	4	9	14	–	...	...
Religious workers	28	–	–	–	18	–	–	4	6	–	...	...
Social scientists	33	3	6	–	–	–	5	9	10	–	...	...
Social and recreation workers	149	35	3	15	25	10	–	34	27	–	5 860	...
Teachers	163	20	4	–	7	9	18	36	52	17	9 306	...
College and university	81	13	4	–	–	–	8	17	22	17	...	...
Elementary and prekindergarten	28	–	–	–	7	9	–	7	5	–	...	...
Secondary	44	7	–	–	–	–	6	12	19	–	...	...
Engineering and science technicians	104	4	–	5	6	16	3	31	39	–	9 161	...
Draftsmen and surveyors	29	4	–	5	–	–	–	6	14	–	...	...
Electrical and electronic engineering technicians	14	–	–	–	–	–	–	11	3	–	...	...
Technicians, except health, and engineering and science	26	–	–	5	4	3	9	5	–	–	...	...
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	171	39	10	12	6	15	2	30	52	5	8 100	...
Other professional, technical, and kindred workers	338	44	54	31	34	24	32	58	50	11	6 250	7 389
Managers and administrators, except farm	**621**	**59**	**55**	**20**	**27**	**55**	**46**	**143**	**167**	**49**	**8 678**	**9 368**
Buyers, purchasing agents, and sales managers	54	–	2	–	–	4	14	23	11	–	...	...
School administrators	16	–	–	–	–	6	–	–	3	7	...	...
Specified managers and administrators, public administration	71	9	–	–	–	–	11	18	25	8	...	...
Other specified managers and administrators	185	11	19	14	4	41	–	37	47	12	8 189	9 194
Managers and administrators, n.e.c., salaried	199	32	23	–	6	–	16	41	63	18	9 098	10 741
Manufacturing	22	–	–	–	–	–	4	–	18	–	...	...
Wholesale and retail trade	45	5	4	–	–	–	–	13	23	–	...	...
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–	–
All other industries	132	27	19	–	6	–	12	28	22	18	8 143	...
Managers and administrators, n.e.c., self-employed	96	7	11	6	17	4	5	24	18	4	...	...
Construction	16	–	–	–	3	4	–	–	5	4	...	...
Manufacturing	4	–	–	–	–	–	–	4	–	–	...	...
Wholesale and retail trade	17	–	–	–	10	–	5	2	–	–	...	...
All other industries	59	7	11	6	4	–	–	18	13	–	...	...
Sales workers	**338**	**54**	**43**	**32**	**33**	**32**	**40**	**50**	**54**	–	**6 219**	**7 488**
Insurance agents, brokers, and underwriters	51	5	–	–	9	5	9	10	13	–	...	...
Real estate agents and brokers	15	–	–	–	–	–	7	3	5	–	...	...
Sales representatives, manufacturing industries	16	5	–	–	–	–	6	–	5	–	...	...
Sales representatives, wholesale trade	49	–	7	11	–	4	–	16	11	–	...	...
Sales clerks, retail trade	113	20	24	21	7	6	18	12	5	–	4 595	...
Salesmen, retail trade	36	–	–	–	11	17	–	3	5	–	...	...
Salesmen of services and construction	21	–	5	–	–	–	–	6	10	–	...	...
Other sales workers	37	24	7	–	6	–	–	–	–	–	...	...
Clerical and kindred workers	**1 137**	**169**	**175**	**37**	**59**	**131**	**177**	**283**	**88**	**18**	**6 981**	**7 739**
Bank tellers and cashiers	34	10	5	–	–	–	7	12	–	–	...	...
Bookkeepers and billing clerks	22	–	–	–	6	7	–	6	3	–	...	...
Mail handlers and postal clerks	273	39	12	16	15	32	46	92	21	–	7 489	7 934
Other clerical and kindred workers	808	120	158	21	38	92	124	173	64	18	6 728	7 677
Craftsmen and kindred workers	**2 583**	**241**	**258**	**172**	**137**	**240**	**378**	**611**	**496**	**50**	**7 644**	**8 252**
Apparel craftsmen and upholsterers	5	–	–	–	–	5	–	–	–	–	...	...
Bakers	14	–	–	–	–	–	–	11	3	–	...	...
Cabinetmakers	4	–	–	–	–	–	–	4	–	–	...	...
Construction craftsmen	741	95	81	15	41	96	84	155	161	13	7 506	8 625
Carpenters	156	6	32	4	11	12	15	41	35	–	7 867	...
Excavating, grading, and road machine operators	64	35	3	–	–	4	4	4	9	5	...	...
Electricians	96	4	5	–	7	9	7	34	22	8	...	...
Masons and tile setters	36	7	14	–	–	9	–	–	6	–	...	...
Painters, construction and maintenance, and paperhangers	128	17	24	5	10	19	10	18	25	–	6 421	...
Plasterers and cement finishers	122	9	3	–	9	17	4	39	41	–	8 974	...
Plumbers and pipe fitters	134	17	–	6	4	26	39	19	23	–	7 359	...
Other construction craftsmen	5	–	–	–	–	–	5	–	–	–	...	...
Foremen, n.e.c.	183	11	5	21	–	8	42	35	56	5	8 257	8 677
Manufacturing	62	6	–	6	–	–	6	8	36	–	...	...
Nonmanufacturing industries	121	5	5	15	–	8	36	27	20	5	7 764	...
Linemen and servicemen, telephone and power	80	20	–	14	–	4	18	11	13	–	...	...
Locomotive engineers and firemen	11	–	–	4	–	–	–	–	7	–	...	...
Mechanics and repairmen	630	50	44	43	35	45	96	164	137	16	8 024	8 550
Air conditioning, heating, and refrigeration	11	–	–	–	–	–	–	11	–	–	...	...
Aircraft	259	5	6	16	4	10	32	103	72	11	9 097	9 239
Automobile, including body	160	31	26	22	19	16	19	16	6	5	5 053	...
Radio and television	28	6	–	–	–	–	–	15	7	–	...	...
Other mechanics and repairmen	172	8	12	5	12	19	45	19	52	–	7 667	7 971
Metal craftsmen, except mechanics	263	7	18	23	–	11	50	107	35	12	8 421	8 895
Machinists and job and die setters	78	4	–	4	–	6	24	30	10	–	...	...
Sheetmetal workers and tinsmiths	68	–	6	7	–	–	26	15	8	6	...	...
Tool and die makers	50	–	–	12	–	–	–	27	5	6	...	...
Other metal craftsmen	67	3	12	–	–	5	–	35	12	–	...	...
Printing craftsmen	37	–	–	–	7	–	15	–	15	–	...	...
Compositors and typesetters	15	–	–	–	–	–	–	–	15	–	...	...
Pressmen and plate printers, printing	22	–	–	–	7	–	15	–	–	–	...	...
Stationary engineers and power station operators	21	–	–	–	–	5	–	12	–	4	...	...
Other craftsmen and kindred workers	594	58	110	52	54	66	73	112	69	–	6 348	6 758

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	**2 255**	**218**	**229**	**150**	**181**	**243**	**422**	**575**	**210**	**27**	**7 252**	**7 890**
Assemblers	125	15	5	9	9	8	33	25	12	9	7 500	...
Checkers, examiners, and inspectors; manufacturing	35	–	–	–	–	–	5	30	–	–	...	...
Garage workers and gas station attendants	85	23	20	11	5	12	14	–	–	–	...	...
Laundry and drycleaning operatives, n.e.c	61	–	–	13	13	11	7	15	2	–	...	...
Meat cutters and butchers	27	–	–	–	–	6	–	21	–	–	...	...
Mine operatives, n.e.c.	5	–	–	–	–	–	–	5	–	–	...	–
Packers and wrappers, except produce	69	11	–	12	–	5	10	26	5	–	...	...
Painters, manufactured articles	79	–	7	8	–	4	38	11	11	–	...	...
Precision machine operatives	59	16	–	–	–	–	9	25	9	–	...	...
Sawyers	7	–	7	–	–	–	–	–	–	–	...	...
Stationary firemen	3	–	–	3	–	–	–	–	–	–	...	...
Textile operatives	5	–	–	–	–	–	5	–	–	–	...	...
Welders and flamecutters	230	20	–	12	4	25	48	100	21	–	8 120	8 600
Other metalworking operatives	271	16	12	24	19	38	62	64	31	5	7 427	7 726
Other specified operatives	514	84	110	15	45	43	74	89	54	–	6 070	7 573
Miscellaneous and not specified operatives	680	33	68	43	86	91	117	164	65	13	7 162	7 855
Occupation:												
Machine operatives, miscellaneous specified	305	27	32	15	34	39	33	79	46	–	7 167	8 320
Machine operatives, not specified	126	–	14	4	24	18	39	23	4	–	7 077	...
Miscellaneous operatives	182	–	22	20	28	23	19	49	15	6	6 913	8 041
Not specified operatives	67	6	–	4	–	11	26	13	–	7	...	...
Industry:												
Manufacturing	506	17	54	19	64	81	88	109	61	13	7 205	7 894
Durable goods	393	13	39	19	53	53	65	94	57	–	7 300	7 952
Wood products, including furniture	28	–	10	10	–	4	4	–	–	–	...	...
Primary metal industries	86	–	6	5	5	9	23	27	11	–	...	...
Fabricated metal industries	31	4	12	–	11	4	–	–	–	–	...	...
Machinery, including electrical	18	–	–	4	11	–	–	3	–	–	...	...
Motor vehicles and equipment	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	224	9	11	–	26	36	38	64	40	–	7 789	8 350
Other durable goods	6	–	–	–	–	–	–	–	6	–	...	...
Nondurable goods	107	4	15	–	11	22	23	15	4	13	7 065	...
Food and kindred products	51	–	3	–	–	16	4	15	–	13	...	...
Apparel and other fabricated textile products	5	–	5	–	–	–	–	–	–	–	...	–
Paper and allied products	31	–	7	–	4	6	10	–	4	–	...	...
Chemicals and allied products	9	–	–	–	–	–	9	–	–	–	...	...
Other nondurable goods	11	4	–	–	7	–	–	–	–	–	...	...
Not specified manufacturing industries	6	–	–	–	–	6	–	–	–	–	...	–
Nonmanufacturing industries	174	16	14	24	22	10	29	55	4	–	7 034	7 727
Transportation, communications, and other public utilities	47	–	–	9	8	–	5	25	–	–	...	...
Wholesale and retail trade	77	16	10	9	5	–	17	16	4	–	...	...
All other industries	50	–	4	6	9	10	7	14	–	–	...	...
Transport equipment operatives	**654**	**74**	**31**	**52**	**26**	**79**	**161**	**159**	**58**	**14**	**7 404**	**7 887**
Bus drivers	27	5	–	5	–	6	–	11	–	–	...	...
Taxicab drivers and chauffeurs	45	7	14	–	8	7	–	9	–	–	...	...
Truck drivers and deliverymen	336	28	8	32	10	30	98	90	32	8	7 612	7 926
Other transport equipment operatives	246	34	9	15	8	36	63	49	26	6	7 333	7 831
Laborers, except farm	**1 885**	**374**	**296**	**134**	**205**	**201**	**360**	**203**	**112**	–	**5 676**	**6 703**
Construction laborers	364	19	46	40	63	52	66	47	31	–	6 269	7 394
Freight, stock, and material handlers	519	109	80	30	22	65	81	84	48	–	6 285	6 850
Other specified laborers	563	117	130	32	63	33	126	44	18	–	5 040	5 925
Miscellaneous and not specified laborers	439	129	40	32	57	51	87	28	15	–	5 325	6 679
Occupation:												
Miscellaneous laborers	193	32	18	12	36	27	46	12	10	–	5 958	...
Not specified laborers	246	97	22	20	21	24	41	16	5	–	4 200	6 750
Industry:												
Manufacturing	251	44	25	17	40	27	65	28	5	–	5 988	7 272
Durable goods	215	35	21	7	32	22	65	28	5	–	6 568	...
Wood products, including furniture	5	5	–	–	–	–	–	–	–	–	...	–
Metal industries	65	11	9	–	4	22	14	5	–	–	...	...
Machinery, including electrical	10	–	4	–	6	–	–	–	–	–	...	...
Transportation equipment	130	19	8	7	22	–	46	23	5	–	7 196	...
Other durable goods	5	–	–	–	–	–	5	–	–	–	...	...
Nondurable goods	36	9	4	10	8	5	–	–	–	–	...	...
Food and kindred products	19	9	–	10	–	–	–	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	188	85	15	15	17	24	22	–	10	–	3 200	...
Railroads and railway express service	45	4	9	5	12	5	10	–	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	30	13	–	5	–	–	7	–	5	–	...	...
Wholesale and retail trade	28	–	–	5	–	13	5	–	5	–	...	...
All other industries	85	68	6	–	5	6	–	–	–	–	...	...
Farmers and farm managers	**32**	**12**	**11**	–	–	–	–	**5**	–	**4**	...	...
Farm laborers and farm foremen	**173**	**104**	**22**	**28**	**19**	–	–	–	–	–	**1 663**	...
Paid farm laborers and farm foremen	173	104	22	28	19	–	–	–	–	–	1 663	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**2 521**	**455**	**417**	**235**	**327**	**391**	**194**	**306**	**167**	**29**	**5 469**	**6 349**
Cleaning service workers	1 179	186	180	87	156	245	113	129	72	11	5 875	6 497
Food service workers	524	114	96	67	70	44	28	78	27	–	4 776	5 643
Cooks, except private household	237	30	30	22	45	23	24	47	16	–	5 811	6 875
Busboys and dishwashers	82	37	16	16	5	–	–	8	–	–	...	...
Health service workers	99	28	–	16	9	30	–	16	–	–	...	...
Personal service workers	209	51	28	13	30	39	20	5	10	13	5 417	6 214
Protective service workers	194	14	42	10	18	10	27	45	28	–	7 111	8 194
Firemen, fire protection	33	–	8	–	–	–	5	16	4	–	...	...
Guards and watchmen	76	10	27	4	12	4	–	13	6	–	...	...
Policemen and detectives	80	4	7	6	6	6	17	16	18	–	...	...
Private household workers	**19**	**10**	**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
THE STATE—Continued												
Persons of Spanish Language												
Experienced civilian labor force	**14 850**	**2 307**	**2 522**	**1 035**	**1 114**	**1 196**	**1 131**	**2 342**	**2 244**	**959**	**6 374**	**8 511**
Professional, technical, and kindred workers	**1 684**	**54**	**116**	**53**	**76**	**80**	**100**	**229**	**555**	**421**	**11 207**	**12 307**
Accountants	143	7	8	–	15	–	12	12	68	21	11 287	11 581
Architects	4	–	–	–	–	–	–	–	–	4	...	...
Computer specialists	20	–	–	–	–	8	–	6	–	6	...	...
Engineers	448	7	–	–	–	11	31	72	141	186	13 652	14 590
Aeronautical and astronautical	72	–	–	–	–	–	–	–	–	72	...	...
Civil	62	–	–	–	–	6	8	8	34	6	...	...
Electrical and electronic	73	–	–	–	–	–	5	15	38	15	...	...
Mechanical	86	7	–	–	–	5	–	8	43	23	...	...
Other engineers	155	–	–	–	–	–	18	41	26	70	13 558	15000+
Lawyers and judges	30	–	–	–	–	–	–	–	6	24	...	...
Life and physical scientists	26	–	7	–	–	–	–	8	7	4	...	...
Chemists	22	–	7	–	–	–	–	8	7	–	...	...
Physicians, dentists, and related practitioners	95	–	9	–	–	7	–	–	24	55	...	...
Dentists	5	–	–	–	–	–	–	–	–	5	...	...
Pharmacists	27	–	9	–	–	–	–	–	12	6	...	...
Physicians, medical and osteopathic	56	–	–	–	–	7	–	–	12	37	...	...
Other related practitioners	7	–	–	–	–	–	–	–	–	7	...	...
Health technologists and technicians	43	–	7	7	–	–	7	7	9	6	...	...
Religious workers	–	–	–	–	–	–	–	–	–	–	–	–
Social scientists	5	–	–	–	–	–	–	–	5	–	...	...
Social and recreation workers	38	–	–	–	11	–	6	7	7	7	...	...
Teachers	283	–	67	23	8	26	–	43	72	44	8 814	10 875
College and university	109	–	22	15	–	14	–	6	33	19	9 167	...
Elementary and prekindergarten	42	–	5	8	–	6	–	5	18	–	...	...
Secondary	103	–	31	–	8	6	–	32	21	5	8 406	...
Engineering and science technicians	135	7	–	–	7	–	15	35	63	8	10 278	11 071
Draftsmen and surveyors	74	–	–	–	7	–	6	28	33	–	...	...
Electrical and electronic engineering technicians	24	–	–	–	–	–	–	–	24	–	...	...
Technicians, except health, and engineering and science	73	–	–	–	15	–	–	–	58	–	...	...
Airplane pilots	11	–	–	–	–	–	–	–	11	–	...	...
Writers, artists, and entertainers	160	23	10	–	14	13	14	11	49	26	9 091	11 341
Other professional, technical, and kindred workers	181	10	8	23	6	15	15	28	46	30	8 964	9 429
Managers and administrators, except farm	**1 120**	**32**	**63**	**44**	**26**	**58**	**118**	**184**	**328**	**267**	**10 534**	**11 823**
Buyers, purchasing agents, and sales managers	135	–	8	–	–	7	6	32	47	35	11 543	11 277
School administrators	8	–	–	–	–	–	–	–	–	8	...	...
Specified managers and administrators, public administration	93	–	–	5	–	6	19	24	39	–	...	...
Other specified managers and administrators	195	11	7	7	6	25	14	26	54	45	10 139	11 296
Managers and administrators, n.e.c., salaried	554	21	39	32	13	20	58	79	145	147	10 517	12 736
Manufacturing	87	–	7	–	–	–	6	22	33	19	...	...
Wholesale and retail trade	273	8	12	25	13	6	33	43	67	66	9 837	11 500
Transportation, communications, and other public utilities	45	–	7	–	–	–	5	–	–	33	...	...
All other industries	149	13	13	7	–	14	14	14	45	29	9 929	...
Managers and administrators, n.e.c., self-employed	135	–	9	–	7	–	21	23	43	32	10 872	11 453
Construction	35	–	–	–	7	–	14	–	14	–	...	...
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	59	–	9	–	–	–	7	7	22	14	...	...
All other industries	41	–	–	–	–	–	–	16	7	18	...	...
Sales workers	**835**	**100**	**83**	**40**	**54**	**63**	**41**	**176**	**163**	**115**	**8 415**	**9 483**
Insurance agents, brokers, and underwriters	102	–	6	14	–	–	13	26	23	20	9 385	...
Real estate agents and brokers	57	–	13	–	–	–	–	7	16	21	...	...
Sales representatives, manufacturing industries	73	–	7	–	6	15	–	33	12	–	...	...
Sales representatives, wholesale trade	120	–	–	9	–	14	5	15	42	35	12 024	...
Sales clerks, retail trade	264	68	32	17	18	20	17	34	54	4	5 833	8 444
Salesmen, retail trade	90	5	8	–	19	6	–	33	–	19	...	...
Salesmen of services and construction	60	17	–	–	6	8	–	21	8	–	...	...
Other sales workers	69	10	17	–	5	–	6	7	8	16	...	...
Clerical and kindred workers	**739**	**104**	**47**	**64**	**63**	**70**	**119**	**145**	**98**	**29**	**7 181**	**8 203**
Bank tellers and cashiers	54	12	–	10	–	–	12	6	8	6	...	...
Bookkeepers and billing clerks	74	7	–	16	8	–	15	8	14	6	...	...
Mail handlers and postal clerks	109	21	–	–	24	–	6	42	6	10	8 167	...
Other clerical and kindred workers	502	64	47	38	31	70	86	89	70	7	7 012	7 815
Craftsmen and kindred workers	**2 395**	**165**	**187**	**116**	**157**	**252**	**265**	**596**	**605**	**52**	**8 186**	**8 769**
Apparel craftsmen and upholsterers	24	7	–	–	17	–	–	–	–	–	...	...
Bakers	35	9	9	–	–	–	–	10	7	–	...	...
Cabinetmakers	61	6	10	–	–	5	8	18	14	–	...	...
Construction craftsmen	723	65	76	70	38	73	86	125	190	–	7 459	8 655
Carpenters	189	7	21	23	13	44	19	16	46	–	6 693	...
Excavating, grading, and road machine operators	127	14	12	7	7	–	28	27	32	–	7 839	...
Electricians	139	13	8	11	6	–	25	31	45	–	8 419	8 739
Masons and tile setters	19	–	–	–	–	–	–	13	6	–	...	–
Painters, construction and maintenance, and paperhangers	94	22	4	24	6	14	6	12	6	–	...	...
Plasterers and cement finishers	9	–	9	–	–	–	–	–	–	–	...	–
Plumbers and pipe fitters	106	–	17	5	–	15	3	20	46	–	9 300	...
Other construction craftsmen	40	9	5	–	6	–	5	6	9	–	...	...
Foremen, n.e.c.	254	13	7	6	18	24	39	21	107	19	9 905	10 269
Manufacturing	103	–	7	6	7	–	20	8	49	6	10 357	...
Nonmanufacturing industries	151	13	–	–	11	24	19	13	58	13	9 308	8 692
Linemen and servicemen, telephone and power	57	–	–	–	–	7	–	33	17	–	...	...
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	612	35	40	19	58	63	70	193	110	24	8 218	8 495
Air conditioning, heating, and refrigeration	24	–	6	–	–	–	4	7	7	–	...	...
Aircraft	176	–	–	–	–	18	30	63	59	6	9 270	9 254
Automobile, including body	201	20	5	19	25	32	18	63	7	12	6 984	7 611
Radio and television	21	–	–	–	–	–	–	21	–	–	...	...
Other mechanics and repairmen	190	15	29	–	33	13	18	39	37	6	7 278	7 917
Metal craftsmen, except mechanics	290	12	–	13	–	37	34	114	80	–	8 860	9 152
Machinists and job and die setters	142	6	–	5	–	18	20	42	51	–	9 048	9 571
Sheetmetal workers and tinsmiths	62	6	–	8	–	14	7	11	16	–	...	...
Tool and die makers	24	–	–	–	–	–	–	24	–	–	...	...
Other metal craftsmen	62	–	–	–	–	5	7	37	13	–	...	...
Printing craftsmen	45	–	–	–	–	–	13	17	15	–	...	...
Compositors and typesetters	21	–	–	–	–	–	6	–	15	–	...	...
Pressmen and plate printers, printing	14	–	–	–	–	–	7	7	–	–	...	...
Stationary engineers and power station operators	43	5	–	–	5	15	–	12	6	–	...	...
Other craftsmen and kindred workers	251	13	45	8	21	28	15	53	59	9	7 700	8 702

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	**1 663**	**178**	**301**	**136**	**110**	**130**	**152**	**461**	**177**	**18**	**6 819**	**8 283**
Assemblers	109	10	17	8	7	8	-	59	-	-	8 153	...
Checkers, examiners, and inspectors; manufacturing	57	14	6	-	-	-	12	18	7	-	...	...
Garage workers and gas station attendants	140	56	49	12	-	7	-	8	8	-	2 571	...
Laundry and drycleaning operatives, n.e.c	26	-	13	-	7	-	6	-	-	-	...	...
Meat cutters and butchers	85	-	-	-	16	-	13	32	19	5	...	...
Mine operatives, n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	83	17	7	25	-	-	14	14	-	6	...	...
Painters, manufactured articles	14	-	-	-	-	-	-	14	-	-	...	...
Precision machine operatives	60	13	-	-	-	14	-	26	7	-	...	...
Sawyers	43	-	7	7	-	23	-	6	-	-	...	...
Stationary firemen	33	-	-	-	-	-	7	26	-	-	...	...
Textile operatives	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	124	11	7	-	7	15	14	55	8	7	8 291	...
Other metalworking operatives	111	-	6	8	8	6	15	24	44	-	9 042	...
Other specified operatives	216	11	75	19	11	7	26	28	39	-	5 273	8 100
Miscellaneous and not specified operatives	562	46	114	57	54	50	45	151	45	-	6 200	8 015
Occupation:												
Machine operatives, miscellaneous specified	280	25	52	13	39	28	24	99	-	-	6 393	7 684
Machine operatives, not specified	93	8	19	21	8	5	6	20	6	-	...	...
Miscellaneous operatives	150	13	28	23	7	17	7	32	23	-	6 235	...
Not specified operatives	39	-	15	-	-	-	8	-	16	-	...	...
Industry:												
Manufacturing	457	27	87	33	47	50	38	136	39	-	6 690	8 139
Durable goods	264	7	23	15	14	26	31	109	39	-	8 294	8 863
Wood products, including furniture	69	-	11	8	8	4	-	38	-	-	...	...
Primary metal industries	72	-	5	-	6	9	17	35	-	-	...	...
Fabricated metal industries	6	-	-	-	-	-	-	6	-	-	...	-
Machinery, including electrical	14	7	7	-	-	-	-	-	-	-	...	-
Motor vehicles and equipment	-	-	-	-	-	-	-	-	-	-	-	-
Transportation equipment, except motor vehicles	83	-	-	7	-	5	14	24	33	-	...	...
Other durable goods	20	-	-	-	-	8	-	6	6	-	...	...
Nondurable goods	193	20	64	18	33	24	7	27	-	-	4 694	5 278
Food and kindred products	133	20	38	18	24	19	-	14	-	-	4 472	...
Apparel and other fabricated textile products	8	-	8	-	-	-	-	-	-	-	...	-
Paper and allied products	37	-	12	-	-	5	7	13	-	-	...	...
Chemicals and allied products	6	-	6	-	-	-	-	-	-	-	...	-
Other nondurable goods	9	-	-	-	9	-	-	-	-	-	...	...
Not specified manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing industries	105	19	27	24	7	-	7	15	6	-	4 271	...
Transportation, communications, and other public utilities	13	6	-	-	7	-	-	-	-	-	...	-
Wholesale and retail trade	21	-	-	15	-	-	-	-	6	-	...	...
All other industries	71	13	27	9	-	-	7	15	-	-	...	...
Transport equipment operatives	**867**	**108**	**68**	**44**	**76**	**111**	**106**	**211**	**127**	**16**	**7 250**	**8 500**
Bus drivers	75	23	8	-	-	6	13	18	7	-	...	...
Taxicab drivers and chauffeurs	39	7	-	19	-	-	13	-	-	-	...	...
Truck drivers and deliverymen	549	47	17	7	47	80	63	159	113	16	8 170	8 912
Other transport equipment operatives	204	31	43	18	29	25	17	34	7	-	5 345	6 579
Laborers, except farm	**1 485**	**297**	**300**	**141**	**196**	**148**	**103**	**172**	**115**	**13**	**5 023**	**6 758**
Construction laborers	170	5	41	44	5	12	30	26	7	-	4 886	...
Freight, stock, and material handlers	548	104	98	19	86	53	38	77	68	5	5 616	7 472
Other specified laborers	309	117	47	14	30	6	28	39	20	8	3 596	7 536
Miscellaneous and not specified laborers	458	71	114	64	75	77	7	30	20	-	4 688	5 814
Occupation:												
Miscellaneous laborers	152	13	27	25	35	23	7	22	-	-	5 314	5 870
Not specified laborers	306	58	87	39	40	54	-	8	20	-	4 205	5 766
Industry:												
Manufacturing	178	19	44	13	33	43	-	15	11	-	5 394	...
Durable goods	70	3	-	13	16	23	-	15	-	-	...	...
Wood products, including furniture	29	-	-	-	16	5	-	8	-	-	...	...
Metal industries	17	-	-	6	-	11	-	-	-	-	...	...
Machinery, including electrical	-	-	-	-	-	-	-	-	-	-	-	-
Transportation equipment	17	3	-	-	-	7	-	7	-	-	...	...
Other durable goods	7	-	-	7	-	-	-	-	-	-	...	-
Nondurable goods	108	16	44	-	17	20	-	-	11	-	3 727	...
Food and kindred products	83	16	19	-	17	20	-	-	11	-	...	...
Not specified manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing industries	280	52	70	51	42	34	7	15	9	-	4 353	5 618
Railroads and railway express service	110	6	-	19	34	29	7	15	-	-	5 882	...
Transportation, except railroads	11	-	6	-	-	5	-	-	-	-	...	...
Communications, and utilities and sanitary services	15	6	-	-	-	-	-	-	9	-	...	...
Wholesale and retail trade	66	4	41	13	8	-	-	-	-	-	...	...
All other industries	78	36	23	19	-	-	-	-	-	-	...	-
Farmers and farm managers	**121**	**10**	**21**	**7**	**20**	**21**	**14**	**6**	**16**	**6**	**6 119**	**6 452**
Farm laborers and farm foremen	**2 805**	**948**	**1 160**	**307**	**236**	**95**	**18**	**28**	**13**	-	**2 784**	**4 273**
Paid farm laborers and farm foremen	2 805	948	1 160	307	236	95	18	28	13	-	2 784	4 273
Unpaid family workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**1 128**	**311**	**168**	**83**	**100**	**168**	**95**	**134**	**47**	**22**	**5 020**	**6 722**
Cleaning service workers	471	134	78	44	41	93	35	41	5	-	4 534	6 391
Food service workers	329	123	44	20	14	30	35	35	28	-	3 886	7 629
Cooks, except private household	131	19	17	14	7	25	11	23	15	-	6 340	...
Busboys and dishwashers	76	49	20	-	-	-	7	-	-	-	...	...
Health service workers	70	-	7	12	23	17	11	-	-	-	...	...
Personal service workers	116	16	26	-	22	12	6	12	-	22	5 727	...
Protective service workers	101	6	13	7	-	16	8	46	5	-	8 022	...
Firemen, fire protection	26	-	-	-	-	-	-	26	-	-	...	...
Guards and watchmen	21	-	13	-	-	-	8	-	-	-	...	...
Policemen and detectives	33	6	-	-	-	7	-	20	-	-	...	...
Private household workers	**8**	-	**8**	-	-	-	-	-	-	-	...	-

[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
PORTLAND, OREG.–WASH., SMSA												
Total												
Experienced civilian labor force	**256 729**	**28 660**	**21 344**	**11 071**	**14 047**	**19 647**	**26 237**	**52 113**	**58 534**	**25 076**	**8 282**	**9 215**
Professional, technical, and kindred workers	**36 586**	**2 015**	**2 250**	**1 054**	**1 272**	**1 938**	**2 496**	**6 325**	**11 951**	**7 285**	**10 395**	**11 278**
Accountants	3 267	162	135	72	88	115	215	715	1 089	676	10 604	11 531
Architects	472	22	20	9	6	21	11	49	174	160	12 816	13 962
Computer specialists	945	41	51	32	17	51	57	201	403	92	10 279	11 147
Engineers	6 101	119	108	68	110	129	183	797	3 054	1 533	12 516	12 788
Aeronautical and astronautical	8	–	–	–	–	–	–	–	8	–	...	...
Civil	1 631	29	16	–	14	28	64	195	845	440	12 778	12 942
Electrical and electronic	1 447	16	37	22	21	27	29	157	673	465	13 079	13 354
Mechanical	872	22	20	12	29	20	24	92	485	168	12 237	12 560
Other engineers	2 143	52	35	34	46	54	66	353	1 043	460	12 069	12 381
Lawyers and judges	1 522	56	54	14	19	32	44	106	349	848	15000+	15000+
Life and physical scientists	687	21	62	29	13	25	59	146	235	97	9 842	10 856
Chemists	341	5	26	4	7	12	36	92	118	41	9 750	10 208
Physicians, dentists, and related practitioners	3 192	136	124	46	75	65	69	180	656	1 841	15000+	15000+
Dentists	622	30	18	8	15	10	10	21	103	407	15000+	15000+
Pharmacists	505	25	14	5	22	11	10	61	272	85	11 921	12 155
Physicians, medical and osteopathic	1 739	57	74	27	32	20	45	79	205	1 200	15000+	15000+
Other related practitioners	326	24	18	6	6	24	4	19	76	149	14 079	14 129
Health technologists and technicians	646	70	53	79	79	75	43	112	102	33	6 560	7 593
Religious workers	1 172	121	178	82	112	203	132	201	135	8	6 458	6 795
Social scientists	496	15	38	8	36	22	23	73	106	175	11 557	14 000
Social and recreation workers	568	59	79	49	19	27	75	94	131	35	7 680	8 756
Teachers	6 431	406	530	168	211	374	436	1 252	2 507	547	9 742	10 447
College and university	1 750	142	148	46	52	54	30	218	668	392	11 385	12 683
Elementary and prekindergarten	1 499	57	119	36	54	126	106	401	545	55	9 254	9 578
Secondary	2 783	109	231	54	90	179	269	585	1 188	78	9 571	9 928
Engineering and science technicians	3 472	144	231	130	169	320	547	1 102	734	95	8 354	8 804
Draftsmen and surveyors	1 865	90	183	59	94	194	310	586	311	38	8 009	8 563
Electrical and electronic engineering technicians	745	22	20	38	38	38	84	227	262	16	9 167	9 385
Technicians, except health, and engineering and science	424	8	16	6	32	16	41	100	120	85	9 860	10 022
Airplane pilots	135	–	11	–	11	–	–	20	39	54	13 269	14 265
Writers, artists, and entertainers	2 750	325	288	135	183	190	170	395	775	289	8 425	9 842
Other professional, technical, and kindred workers	4 441	310	283	127	103	273	391	802	1 381	771	9 829	10 915
Managers and administrators, except farm	**33 031**	**1 349**	**1 259**	**658**	**903**	**1 416**	**2 199**	**5 301**	**10 685**	**9 261**	**11 605**	**12 109**
Buyers, purchasing agents, and sales managers	4 783	110	135	52	122	158	321	895	1 622	1 368	11 845	12 183
School administrators	851	–	22	–	18	5	5	62	392	347	13 999	14 198
Specified managers and administrators, public administration	1 627	41	28	12	15	14	102	440	656	319	11 231	11 475
Other specified managers and administrators	6 166	345	377	146	215	349	451	1 157	1 854	1 272	10 116	10 777
Managers and administrators, n.e.c., salaried	15 111	405	365	242	343	561	1 052	2 171	5 225	4 747	12 312	12 761
Manufacturing	3 458	76	40	39	27	93	128	499	1 276	1 280	13 241	13 511
Wholesale and retail trade	5 030	143	146	101	184	258	469	820	1 544	1 365	11 276	12 030
Transportation, communications, and other public utilities	1 797	26	11	17	24	37	143	265	770	504	12 438	12 473
All other industries	4 826	160	168	85	108	173	312	587	1 635	1 598	12 508	13 039
Managers and administrators, n.e.c., self-employed	4 493	448	332	206	190	329	268	576	936	1 208	9 644	10 616
Construction	1 081	170	81	30	53	70	65	137	193	282	9 044	11 310
Manufacturing	451	64	30	26	10	26	27	65	68	135	9 308	9 733
Wholesale and retail trade	1 937	118	172	96	74	160	120	263	462	472	9 738	10 227
All other industries	1 024	96	49	54	53	73	56	111	213	319	10 469	11 408
Sales workers	**21 937**	**1 999**	**1 710**	**929**	**1 110**	**1 373**	**2 241**	**3 846**	**5 380**	**3 349**	**8 835**	**9 699**
Insurance agents, brokers, and underwriters	2 497	86	162	86	136	108	305	374	639	601	9 955	10 893
Real estate agents and brokers	1 414	151	119	102	68	44	130	206	318	276	8 903	10 169
Sales representatives, manufacturing industries	2 666	81	70	49	116	89	265	549	991	456	10 575	11 013
Sales representatives, wholesale trade	5 622	221	211	115	241	391	605	1 181	1 535	1 122	9 739	10 149
Sales clerks, retail trade	3 769	644	571	300	248	309	422	571	521	183	6 393	7 730
Salesmen, retail trade	2 615	237	239	160	152	195	305	460	650	217	8 085	9 316
Salesmen of services and construction	1 147	89	74	31	45	77	99	227	382	123	9 396	10 191
Other sales workers	2 207	490	264	86	104	160	110	278	344	371	6 997	9 204
Clerical and kindred workers	**18 665**	**1 751**	**1 667**	**881**	**1 126**	**1 735**	**2 779**	**4 895**	**2 963**	**868**	**7 782**	**8 410**
Bank tellers and cashiers	1 108	197	194	115	83	86	172	202	44	15	5 578	7 202
Bookkeepers and billing clerks	1 182	119	85	69	105	78	176	244	231	75	7 767	8 387
Mail handlers and postal clerks	2 627	197	118	55	96	186	548	1 153	264	10	8 197	8 433
Other clerical and kindred workers	13 748	1 238	1 270	642	842	1 385	1 883	3 296	2 424	768	7 795	8 508
Craftsmen and kindred workers	**54 282**	**3 420**	**3 274**	**2 027**	**2 675**	**4 064**	**6 037**	**14 479**	**16 015**	**2 291**	**8 780**	**9 308**
Apparel craftsmen and upholsterers	546	38	88	35	52	74	107	110	31	11	6 811	7 379
Bakers	616	28	39	21	33	26	91	243	109	26	8 576	8 835
Cabinetmakers	555	29	73	31	51	83	70	114	96	8	7 150	7 951
Construction craftsmen	14 919	1 156	1 027	740	824	987	1 427	3 178	4 955	625	8 817	9 940
Carpenters	5 356	418	401	292	331	422	514	1 270	1 580	128	8 472	9 591
Excavating, grading, and road machine operators	1 579	130	109	58	89	106	200	333	460	94	8 586	9 325
Electricians	2 231	98	81	48	84	96	191	353	1 128	152	10 729	11 215
Masons and tile setters	680	34	38	18	29	40	84	168	230	39	9 155	10 344
Painters, construction and maintenance, and paperhangers	1 890	305	210	185	149	163	127	398	278	75	6 589	8 531
Plasterers and cement finishers	478	31	51	16	11	31	36	103	195	4	9 223	9 676
Plumbers and pipe fitters	1 646	62	56	50	62	85	128	292	792	119	10 556	11 080
Other construction craftsmen	1 059	78	81	73	69	44	147	261	292	14	8 287	9 364
Foremen, n.e.c.	6 919	168	122	57	132	332	520	1 853	3 077	658	10 448	10 690
Manufacturing	3 493	50	47	38	82	202	222	970	1 582	300	10 428	10 698
Nonmanufacturing industries	3 426	118	75	19	50	130	298	883	1 495	358	10 468	10 681
Linemen and servicemen, telephone and power	1 882	68	81	56	91	126	156	581	642	81	9 250	9 547
Locomotive engineers and firemen	517	5	16	16	–	17	20	108	253	82	11 512	11 840
Mechanics and repairmen	11 957	780	732	462	724	1 113	1 695	3 598	2 516	337	8 263	8 722
Air conditioning, heating, and refrigeration	434	26	21	–	25	21	31	123	164	23	9 512	10 268
Aircraft	329	5	13	6	15	20	25	75	170	–	10 162	10 742
Automobile, including body	5 265	360	376	263	353	498	751	1 575	934	155	8 040	8 571
Radio and television	652	106	77	15	33	49	71	176	99	26	7 648	8 371
Other mechanics and repairmen	5 277	283	245	178	298	525	817	1 649	1 149	133	8 355	8 707
Metal craftsmen, except mechanics	6 255	188	259	186	218	412	920	2 109	1 840	123	8 896	9 243
Machinists and job and die setters	2 839	109	114	80	107	218	479	1 127	551	54	8 555	8 879
Sheetmetal workers and tinsmiths	1 239	42	62	65	26	71	170	254	518	31	9 445	10 304
Tool and die makers	424	–	9	–	21	18	43	145	183	5	9 669	9 740
Other metal craftsmen	1 753	37	74	41	64	105	228	583	588	33	9 123	9 450
Printing craftsmen	1 708	99	74	94	81	139	149	553	449	70	8 788	9 185
Compositors and typesetters	639	48	62	26	27	48	74	179	165	10	8 385	9 007
Pressmen and plate printers, printing	747	45	12	58	49	67	56	277	169	14	8 625	8 966
Stationary engineers and power station operators	760	15	5	16	10	68	64	290	249	43	9 393	9 561
Other craftsmen and kindred workers	7 648	846	758	313	459	687	818	1 742	1 798	227	7 930	8 651

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
PORTLAND, OREG.–WASH., SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**30 419**	**3 386**	**3 324**	**1 667**	**2 101**	**3 704**	**4 386**	**7 602**	**3 765**	**484**	**7 234**	**8 117**
Assemblers	1 591	219	199	122	152	250	275	290	79	5	6 414	7 278
Checkers, examiners, and inspectors; manufacturing	762	6	29	51	23	75	95	276	192	15	8 739	9 266
Garage workers and gas station attendants	2 590	974	714	135	182	175	129	182	91	8	2 899	5 930
Laundry and drycleaning operatives, n.e.c	333	73	28	57	41	58	30	13	18	15	5 207	6 085
Meat cutters and butchers	1 213	59	71	39	60	121	148	479	222	14	8 453	8 787
Mine operatives, n.e.c	108	12	8	–	9	5	8	26	40	–	8 923	...
Packers and wrappers, except produce	775	121	80	41	52	147	136	157	26	15	6 636	7 598
Painters, manufactured articles	485	49	76	10	60	43	55	85	91	16	7 082	8 597
Precision machine operatives	1 504	94	158	95	73	139	304	462	154	25	7 635	8 205
Sawyers	763	105	61	71	46	197	103	104	56	20	6 500	6 896
Stationary firemen	372	10	27	3	7	41	62	139	66	17	8 518	8 879
Textile operatives	132	14	14	14	15	10	26	29	10	–	6 900	...
Welders and flamecutters	3 935	131	263	190	181	479	567	1 520	551	53	8 206	8 746
Other metalworking operatives	1 584	119	133	65	180	244	248	443	133	19	7 206	7 940
Other specified operatives	5 067	567	530	297	334	583	617	1 181	847	111	7 361	8 298
Miscellaneous and not specified operatives	9 205	833	933	477	686	1 137	1 583	2 216	1 189	151	7 339	7 972
Occupation:												
Machine operatives, miscellaneous specified	4 353	369	336	218	297	511	761	1 189	592	80	7 585	8 230
Machine operatives, not specified	1 375	74	118	74	98	197	246	373	187	8	7 514	7 989
Miscellaneous operatives	2 467	342	364	96	230	302	395	449	236	53	6 667	7 604
Not specified operatives	1 010	48	115	89	61	127	181	205	174	10	7 359	7 886
Industry:												
Manufacturing	7 504	614	773	370	576	877	1 368	1 820	979	127	7 396	7 994
Durable goods	4 376	386	424	275	383	576	837	895	496	104	7 172	7 745
Wood products, including furniture	1 080	92	73	74	143	174	195	91	150	88	6 908	7 537
Primary metal industries	1 131	39	83	46	39	160	242	387	124	11	7 820	8 079
Fabricated metal industries	616	43	70	85	67	62	118	134	37	–	6 694	7 471
Machinery, including electrical	674	71	75	34	65	90	130	118	91	–	7 015	7 706
Motor vehicles and equipment	117	31	–	–	5	20	22	34	5	–	7 114	...
Transportation equipment, except motor vehicles	231	18	39	4	11	18	42	57	37	5	7 607	8 341
Other durable goods	527	92	84	32	53	52	88	74	52	–	6 048	7 430
Nondurable goods	3 091	210	341	95	193	297	528	921	483	23	7 776	8 429
Food and kindred products	568	30	76	32	45	56	85	195	45	4	7 529	8 366
Apparel and other fabricated textile products	119	34	27	5	17	21	5	10	–	–	3 889	...
Paper and allied products	1 726	59	127	33	106	155	332	529	366	19	8 193	8 548
Chemicals and allied products	349	–	13	8	–	32	93	147	56	–	8 388	8 627
Other nondurable goods	329	87	98	17	25	33	13	40	16	–	3 582	6 879
Not specified manufacturing industries	37	18	8	–	–	4	3	4	–	–	...	...
Nonmanufacturing industries	1 701	219	160	107	110	260	215	396	210	24	6 979	7 837
Transportation, communications, and other public utilities	335	9	18	32	13	37	40	124	62	–	8 298	8 682
Wholesale and retail trade	729	96	104	34	47	122	86	154	70	16	6 684	7 611
All other industries	637	114	38	41	50	101	89	118	78	8	6 748	7 493
Transport equipment operatives	**16 473**	**1 174**	**1 169**	**766**	**943**	**1 410**	**2 233**	**4 373**	**3 870**	**535**	**8 248**	**8 896**
Bus drivers	827	87	122	54	53	111	156	142	88	14	6 878	7 482
Taxicab drivers and chauffeurs	551	54	127	95	75	69	33	57	41	–	4 995	5 634
Truck drivers and deliverymen	11 710	754	694	472	606	855	1 388	3 275	3 220	446	8 663	9 256
Other transport equipment operatives	3 385	279	226	145	209	375	656	899	521	75	7 699	8 268
Laborers, except farm	**19 127**	**4 906**	**2 628**	**1 184**	**1 489**	**1 896**	**2 100**	**2 979**	**1 586**	**359**	**5 568**	**7 482**
Construction laborers	2 641	411	352	125	296	246	390	542	239	40	6 555	7 767
Freight, stock, and material handlers	8 174	1 760	996	483	527	843	986	1 526	905	148	6 381	7 814
Other specified laborers	5 269	1 845	769	317	373	425	441	596	358	145	4 065	7 051
Miscellaneous and not specified laborers	3 043	890	511	259	293	382	283	315	84	26	4 465	6 653
Occupation:												
Miscellaneous laborers	878	154	102	71	129	147	82	140	43	10	5 868	7 020
Not specified laborers	2 165	736	409	188	164	235	201	175	41	16	3 694	6 392
Industry:												
Manufacturing	1 481	273	276	140	162	192	188	190	49	11	5 318	7 046
Durable goods	1 017	203	185	109	115	134	121	111	34	5	5 100	6 801
Wood products, including furniture	339	79	69	50	50	46	31	9	–	5	4 430	5 722
Metal industries	394	60	48	34	43	61	48	66	34	–	6 197	7 302
Machinery, including electrical	47	16	14	–	–	11	–	6	–	–	...	...
Transportation equipment	119	4	16	20	22	10	32	15	–	–	5 886	...
Other durable goods	118	44	38	5	–	6	10	15	–	–	2 789	...
Nondurable goods	447	70	91	31	47	58	67	62	15	6	5 670	7 275
Food and kindred products	142	41	37	11	10	4	–	18	15	6	3 622	...
Not specified manufacturing industries	17	–	–	–	–	–	–	17	–	–	...	...
Nonmanufacturing industries	1 562	617	235	119	131	190	95	125	35	15	3 396	6 277
Railroads and railway express service	311	39	55	18	70	81	5	37	–	6	5 621	6 162
Transportation, except railroads	67	26	7	9	6	5	–	8	6	–	...	...
Communications, and utilities and sanitary services	131	–	11	11	10	34	26	24	15	–	6 985	7 269
Wholesale and retail trade	492	239	74	34	25	46	37	33	4	–	2 189	6 368
All other industries	561	313	88	47	20	24	27	23	10	9	1 792	4 703
Farmers and farm managers	**2 566**	**709**	**420**	**132**	**176**	**170**	**149**	**226**	**343**	**241**	**5 125**	**5 767**
Farm laborers and farm foremen	**2 843**	**1 546**	**585**	**145**	**179**	**136**	**107**	**100**	**19**	**26**	**1 839**	**4 909**
Paid farm laborers and farm foremen	2 741	1 471	567	145	174	132	107	100	19	26	1 863	5 090
Unpaid family workers	102	75	18	–	5	4	–	–	–	–	1 360	...
Service workers, except private household[1]	**20 685**	**6 351**	**3 036**	**1 628**	**2 052**	**1 805**	**1 510**	**1 981**	**1 945**	**377**	**4 587**	**6 627**
Cleaning service workers	7 266	2 094	994	784	1 146	833	520	533	293	69	4 695	5 829
Food service workers	5 629	2 776	1 119	314	313	307	320	229	181	70	2 069	5 427
Cooks, except private household	1 947	676	385	132	161	172	167	124	100	30	3 545	5 995
Busboys and dishwashers	1 897	1 498	320	43	23	9	4	–	–	–	1 266	2 304
Health service workers	592	190	156	45	48	68	30	21	19	15	3 359	6 074
Personal service workers	1 857	475	220	205	222	238	144	144	133	76	5 128	6 458
Protective service workers	3 612	351	200	158	186	219	369	886	1 131	112	8 729	9 342
Firemen, fire protection	1 086	38	5	11	–	22	60	278	629	43	11 025	11 087
Guards and watchmen	932	270	137	121	109	63	89	76	51	16	4 488	5 736
Policemen and detectives	1 308	35	47	21	46	94	187	442	383	53	9 014	9 313
Private household workers	**115**	**54**	**22**	–	**21**	–	–	**6**	**12**	–	**2 318**	...

[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
SEATTLE–EVERETT SMSA												
Total												
Experienced civilian labor force	**373 823**	**34 503**	**26 410**	**13 360**	**15 991**	**22 944**	**32 304**	**74 932**	**103 632**	**49 747**	**9 105**	**10 076**
Professional, technical, and kindred workers	**73 172**	**2 922**	**3 418**	**1 601**	**1 912**	**2 320**	**3 364**	**9 173**	**26 346**	**22 116**	**12 254**	**13 053**
Accountants	4 703	165	151	90	126	184	290	800	1 979	918	11 378	12 011
Architects	1 028	47	69	33	16	41	30	61	405	326	12 679	13 622
Computer specialists	2 234	65	39	27	39	34	109	289	1 200	432	12 146	12 540
Engineers	21 769	248	256	141	247	206	440	1 469	8 733	10 029	14 510	14 871
Aeronautical and astronautical	5 927	43	38	32	53	29	50	161	2 035	3 486	15000+	15000+
Civil	2 587	46	67	11	50	33	91	216	1 126	947	13 461	13 885
Electrical and electronic	3 983	50	44	24	38	68	115	298	1 588	1 758	14 265	14 690
Mechanical	3 466	35	26	7	69	31	53	249	1 289	1 707	14 899	15000+
Other engineers	5 806	74	81	67	37	45	131	545	2 695	2 131	13 568	13 802
Lawyers and judges	2 213	98	69	32	38	14	29	106	427	1 400	15000+	15000+
Life and physical scientists	1 050	35	43	53	36	47	38	166	401	231	11 334	12 057
Chemists	405	11	4	23	15	25	23	99	134	71	10 093	10 786
Physicians, dentists, and related practitioners	4 477	126	197	35	99	97	104	215	751	2 853	15000+	15000+
Dentists	918	14	25	10	42	–	17	24	117	669	15000+	15000+
Pharmacists	745	26	40	10	20	17	19	30	354	229	12 973	13 592
Physicians, medical and osteopathic	2 405	73	111	15	26	76	62	128	210	1 704	15000+	15000+
Other related practitioners	409	13	21	–	11	4	6	33	70	251	15000+	15000+
Health technologists and technicians	586	47	50	23	33	51	66	107	165	44	8 430	9 318
Religious workers	1 265	133	97	61	150	151	136	275	196	66	7 298	7 684
Social scientists	844	29	32	13	30	6	26	59	364	285	13 118	13 805
Social and recreation workers	807	111	87	36	58	50	68	137	184	76	7 904	9 556
Teachers	9 988	544	857	383	312	471	729	1 462	3 703	1 527	10 319	11 593
College and university	3 478	245	388	201	109	70	137	282	978	1 068	11 570	14 113
Elementary and prekindergarten	1 810	88	85	44	55	142	155	413	722	106	9 627	10 650
Secondary	3 935	103	300	84	85	246	363	697	1 774	283	10 252	10 745
Engineering and science technicians	6 589	201	343	187	154	310	521	1 757	2 720	396	9 797	10 404
Draftsmen and surveyors	3 024	99	171	81	102	180	293	736	1 165	197	9 592	10 264
Electrical and electronic engineering technicians	1 697	35	72	17	18	82	136	500	757	80	9 954	10 583
Technicians, except health, and engineering and science	2 796	35	101	38	69	107	152	353	808	1 133	13 360	13 839
Airplane pilots	1 274	4	51	5	17	17	23	62	184	911	15000+	15000+
Writers, artists, and entertainers	4 978	547	374	139	206	264	224	814	1 647	763	9 806	11 215
Other professional, technical, and kindred workers	7 845	491	653	310	299	287	402	1 103	2 663	1 637	10 709	11 897
Managers and administrators, except farm	**43 989**	**1 609**	**1 382**	**860**	**1 201**	**1 630**	**2 429**	**6 141**	**15 244**	**13 493**	**12 212**	**12 701**
Buyers, purchasing agents, and sales managers	6 951	119	99	69	152	226	384	1 205	2 760	1 937	12 213	12 477
School administrators	993	30	15	6	–	9	19	56	391	467	14 623	15000+
Specified managers and administrators, public administration	2 498	82	46	9	44	95	235	438	971	578	11 545	11 900
Other specified managers and administrators	8 156	433	401	235	299	415	414	1 220	2 766	1 973	11 195	11 883
Managers and administrators, n.e.c., salaried	19 663	484	486	241	373	580	1 082	2 514	7 022	6 881	12 899	13 349
Manufacturing	4 866	72	70	23	73	98	153	382	1 864	2 131	14 190	14 387
Wholesale and retail trade	6 080	185	176	109	150	244	555	1 062	1 958	1 641	11 427	12 107
Transportation, communications, and other public utilities	2 166	47	30	5	17	30	106	351	874	706	12 843	13 066
All other industries	6 551	180	210	104	133	208	268	719	2 326	2 403	13 124	13 684
Managers and administrators, n.e.c., self-employed	5 728	461	335	300	333	305	295	708	1 334	1 657	10 476	11 310
Construction	1 345	132	51	80	89	75	44	130	343	401	11 042	12 603
Manufacturing	470	68	25	19	15	14	44	53	131	101	9 887	10 269
Wholesale and retail trade	2 558	156	163	141	151	146	149	360	563	729	10 115	10 856
All other industries	1 355	105	96	60	78	70	58	165	297	426	10 766	11 625
Sales workers	**29 986**	**2 542**	**2 089**	**1 189**	**1 296**	**1 645**	**2 575**	**5 709**	**7 691**	**5 250**	**9 281**	**10 174**
Insurance agents, brokers, and underwriters	3 354	88	132	66	146	173	288	665	1 013	783	10 587	11 258
Real estate agents and brokers	3 248	275	306	185	177	188	264	396	672	785	9 157	10 338
Sales representatives, manufacturing industries	3 122	79	87	42	94	76	198	657	1 058	831	11 550	12 083
Sales representatives, wholesale trade	7 002	197	187	193	170	293	669	1 612	2 334	1 347	10 386	10 922
Sales clerks, retail trade	5 438	869	806	388	392	466	480	904	763	370	6 567	8 198
Salesmen, retail trade	3 275	237	165	122	166	204	326	795	835	425	9 050	9 766
Salesmen of services and construction	1 418	60	133	70	51	78	150	279	412	185	9 197	9 936
Other sales workers	3 129	737	273	123	100	167	200	401	604	524	7 823	10 113
Clerical and kindred workers	**27 806**	**2 730**	**2 504**	**1 102**	**1 417**	**2 453**	**3 752**	**6 601**	**5 753**	**1 494**	**7 985**	**8 819**
Bank tellers and cashiers	1 180	232	243	103	68	130	128	179	75	22	5 176	7 145
Bookkeepers and billing clerks	1 550	138	176	71	73	143	148	338	346	117	8 154	9 060
Mail handlers and postal clerks	3 583	241	243	134	176	381	624	1 184	513	87	7 988	8 399
Other clerical and kindred workers	21 493	2 119	1 842	794	1 100	1 799	2 852	4 900	4 819	1 268	8 098	8 979
Craftsmen and kindred workers	**85 123**	**4 049**	**4 370**	**2 555**	**3 279**	**5 185**	**7 978**	**22 926**	**30 049**	**4 732**	**9 321**	**9 862**
Apparel craftsmen and upholsterers	501	60	61	25	37	31	87	100	90	10	7 420	8 500
Bakers	656	16	20	31	29	37	123	252	137	11	8 571	8 923
Cabinetmakers	579	62	23	26	47	32	70	168	127	24	8 351	9 021
Construction craftsmen	24 641	1 381	1 597	915	1 288	1 659	2 153	6 075	8 540	1 033	9 095	10 014
Carpenters	8 316	505	690	376	517	687	764	2 104	2 407	266	8 588	9 886
Excavating, grading, and road machine operators	2 033	72	85	45	56	111	163	418	900	183	10 369	11 240
Electricians	5 196	119	179	149	274	264	465	1 372	2 170	204	9 673	10 073
Masons and tile setters	926	33	82	36	25	69	44	255	313	69	9 365	10 822
Painters, construction and maintenance, and paperhangers	2 711	360	312	119	158	169	276	617	614	86	7 861	9 244
Plasterers and cement finishers	784	46	58	43	39	44	45	221	254	34	9 059	10 483
Plumbers and pipe fitters	3 133	182	94	83	92	219	298	696	1 324	145	9 720	10 247
Other construction craftsmen	1 542	64	97	64	127	96	98	392	558	46	9 148	9 850
Foremen, n.e.c.	9 674	202	142	88	132	202	463	1 655	4 967	1 823	11 966	12 223
Manufacturing	5 439	94	44	25	66	91	184	706	2 891	1 338	12 611	12 809
Nonmanufacturing industries	4 235	108	98	63	66	111	279	949	2 076	485	11 068	11 353
Linemen and servicemen, telephone and power	3 096	107	107	118	112	247	294	835	1 212	64	9 349	9 704
Locomotive engineers and firemen	481	10	4	4	10	11	19	36	317	70	12 311	12 582
Mechanics and repairmen	21 093	966	1 050	629	755	1 288	2 278	6 471	6 950	706	9 107	9 504
Air conditioning, heating, and refrigeration	713	11	35	20	30	17	87	123	370	20	10 453	10 818
Aircraft	7 014	96	139	143	185	329	609	2 116	3 156	241	9 896	10 290
Automobile, including body	6 048	362	424	219	257	506	721	2 170	1 194	195	8 493	8 890
Radio and television	1 068	155	74	63	49	74	117	192	310	34	8 021	9 098
Other mechanics and repairmen	6 250	342	378	184	234	362	744	1 870	1 920	216	8 942	9 406
Metal craftsmen, except mechanics	10 946	242	350	233	296	611	1 189	4 099	3 668	258	9 245	9 500
Machinists and job and die setters	4 548	105	149	66	122	235	497	1 749	1 515	110	9 258	9 527
Sheetmetal workers and tinsmiths	1 959	51	61	68	74	143	180	546	779	57	9 474	9 853
Tool and die makers	1 722	25	24	23	28	67	185	711	631	28	9 432	9 561
Other metal craftsmen	2 717	61	116	76	72	166	327	1 093	743	63	8 989	9 279
Printing craftsmen	1 991	139	87	54	67	125	205	388	843	83	9 642	10 381
Compositors and typesetters	782	55	55	27	16	32	85	168	319	25	9 440	10 294
Pressmen and plate printers, printing	929	73	16	27	47	78	115	164	360	49	9 323	9 979
Stationary engineers and power station operators	1 359	36	29	21	52	77	95	456	480	113	9 621	9 896
Other craftsmen and kindred workers	10 106	828	900	411	454	865	1 002	2 391	2 718	537	8 496	9 162

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
SEATTLE–EVERETT SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**37 903**	**3 870**	**3 590**	**1 759**	**2 121**	**3 094**	**4 780**	**10 502**	**7 311**	**876**	**7 945**	**8 826**
Assemblers	2 383	213	214	124	125	239	325	744	377	22	7 851	8 695
Checkers, examiners, and inspectors; manufacturing	2 315	83	46	38	65	83	199	805	943	53	9 599	9 908
Garage workers and gas station attendants	3 683	1 276	924	271	240	204	289	271	148	60	3 224	6 421
Laundry and drycleaning operatives, n.e.c	371	85	40	9	31	33	62	42	42	27	6 621	7 625
Meat cutters and butchers	1 444	57	44	22	47	58	195	536	423	62	9 116	9 425
Mine operatives, n.e.c	119	14	19	–	8	16	22	12	18	10	7 114	...
Packers and wrappers, except produce	974	136	91	101	70	122	169	223	50	12	6 730	7 827
Painters, manufactured articles	684	27	56	12	32	64	116	243	114	20	8 288	8 772
Precision machine operatives	1 900	114	84	21	57	143	219	655	552	55	8 953	9 409
Sawyers	919	68	88	39	109	162	184	179	73	17	6 960	7 641
Stationary firemen	480	20	18	41	15	29	89	148	99	21	8 378	8 744
Textile operatives	51	11	5	5	16	–	4	10	–	–	...	...
Welders and flamecutters	3 317	173	142	156	173	210	384	1 389	644	46	8 605	9 079
Other metalworking operatives	2 095	130	148	101	94	160	345	677	414	26	8 205	8 751
Other specified operatives	6 659	620	746	279	388	600	815	1 588	1 387	236	7 855	8 705
Miscellaneous and not specified operatives	10 509	843	925	540	651	971	1 363	2 980	2 027	209	7 972	8 785
Occupation:												
Machine operatives, miscellaneous specified	4 043	252	279	221	248	390	543	1 185	849	76	8 149	8 856
Machine operatives, not specified	1 520	73	99	39	95	134	212	541	318	9	8 399	8 736
Miscellaneous operatives	3 459	430	405	218	201	319	457	803	555	71	7 342	8 587
Not specified operatives	1 487	88	142	62	107	128	151	451	305	53	8 290	8 995
Industry:												
Manufacturing	8 143	543	661	359	548	813	1 087	2 413	1 587	132	8 050	8 786
Durable goods	6 155	389	478	267	444	687	853	1 819	1 134	84	7 953	8 701
Wood products, including furniture	1 065	62	129	51	160	226	127	184	111	15	6 577	7 292
Primary metal industries	488	30	34	52	55	43	63	147	64	–	7 476	8 641
Fabricated metal industries	542	50	55	34	46	81	82	114	75	5	7 061	8 173
Machinery, including electrical	473	36	45	38	14	56	76	132	71	5	7 625	8 448
Motor vehicles and equipment	50	5	–	–	10	9	5	15	6	–	...	...
Transportation equipment, except motor vehicles	2 664	101	131	57	92	198	360	989	687	49	8 795	9 156
Other durable goods	873	105	84	35	67	74	140	238	120	10	7 511	8 495
Nondurable goods	1 984	154	183	88	104	126	234	594	453	48	8 347	9 050
Food and kindred products	594	44	47	19	28	40	50	184	166	16	8 750	9 591
Apparel and other fabricated textile products	89	15	48	12	7	–	7	–	–	–	...	...
Paper and allied products	843	34	32	42	38	63	111	281	215	27	8 722	9 066
Chemicals and allied products	146	14	16	6	6	5	13	59	27	–	8 441	9 102
Other nondurable goods	312	47	40	9	25	18	53	70	45	5	7 321	8 143
Not specified manufacturing industries	4	–	–	4	–	–	–	–	–	–	...	–
Nonmanufacturing industries	2 366	300	264	181	103	158	276	567	440	77	7 641	8 782
Transportation, communications, and other public utilities	622	9	51	31	27	41	92	226	134	11	8 531	8 981
Wholesale and retail trade	913	155	90	98	38	59	122	197	139	15	7 135	8 569
All other industries	831	136	123	52	38	58	62	144	167	51	7 137	8 750
Transport equipment operatives	**18 444**	**1 552**	**1 213**	**680**	**678**	**1 211**	**1 847**	**5 716**	**5 076**	**471**	**8 714**	**9 296**
Bus drivers	1 130	70	61	30	27	89	82	485	275	11	8 849	9 201
Taxicab drivers and chauffeurs	859	154	186	124	95	69	76	101	42	12	4 722	6 216
Truck drivers and deliverymen	13 110	1 016	645	358	407	744	1 214	4 190	4 160	376	9 036	9 547
Other transport equipment operatives	3 345	312	321	168	149	309	475	940	599	72	7 871	8 653
Laborers, except farm	**25 180**	**6 058**	**3 365**	**1 473**	**1 612**	**2 406**	**3 144**	**4 047**	**2 646**	**429**	**6 034**	**7 670**
Construction laborers	3 981	602	487	244	261	400	559	833	523	72	6 991	8 391
Freight, stock, and material handlers	11 046	2 669	1 515	557	677	1 008	1 268	1 907	1 266	179	6 104	7 792
Other specified laborers	6 704	1 900	845	430	436	587	861	832	641	172	5 406	7 431
Miscellaneous and not specified laborers	3 449	887	518	242	238	411	456	475	216	6	5 326	7 248
Occupation:												
Miscellaneous laborers	1 273	206	157	90	108	129	192	259	132	–	6 585	7 761
Not specified laborers	2 176	681	361	152	130	282	264	216	84	6	4 303	6 864
Industry:												
Manufacturing	1 711	249	276	106	153	264	274	295	94	–	6 271	7 245
Durable goods	1 290	173	196	79	116	212	235	219	60	–	6 382	7 229
Wood products, including furniture	373	34	45	33	36	94	58	50	23	–	6 410	6 738
Metal industries	275	56	47	19	19	48	26	51	9	–	5 816	7 231
Machinery, including electrical	71	7	21	–	20	–	18	–	5	–	...	...
Transportation equipment	343	59	41	10	36	41	88	59	9	–	6 622	7 672
Other durable goods	228	17	42	17	5	29	45	59	14	–	7 089	...
Nondurable goods	412	76	80	27	31	52	39	76	31	–	5 742	7 273
Food and kindred products	133	34	36	15	5	16	6	10	11	–	3 806	...
Not specified manufacturing industries	9	–	–	–	6	–	–	–	3	–	...	...
Nonmanufacturing industries	1 738	638	242	136	85	147	182	180	122	6	3 909	7 250
Railroads and railway express service	189	19	34	36	38	23	9	14	16	–	5 145	5 926
Transportation, except railroads	102	36	5	10	–	6	10	17	18	–	5 000	...
Communications, and utilities and sanitary services	250	34	28	9	–	42	49	61	27	–	7 245	7 816
Wholesale and retail trade	587	240	86	40	28	49	51	62	31	–	3 244	7 206
All other industries	610	309	89	41	19	27	63	26	30	6	1 974	7 038
Farmers and farm managers	**1 146**	**315**	**134**	**31**	**66**	**51**	**60**	**81**	**202**	**206**	**6 529**	**7 357**
Farm laborers and farm foremen	**1 718**	**802**	**207**	**121**	**115**	**109**	**59**	**160**	**118**	**27**	**2 551**	**5 982**
Paid farm laborers and farm foremen	1 679	772	203	121	115	109	59	160	113	27	2 665	6 151
Unpaid family workers	39	30	4	–	–	–	–	–	5	–	...	...
Service workers, except private household[1]	**29 143**	**7 944**	**4 082**	**1 984**	**2 281**	**2 840**	**2 316**	**3 856**	**3 187**	**653**	**5 246**	**7 382**
Cleaning service workers	9 242	2 380	1 243	593	997	1 505	1 008	914	483	119	5 406	6 662
Food service workers	9 080	3 806	1 673	741	588	566	487	642	436	141	2 877	5 939
Cooks, except private household	3 346	935	617	327	321	280	203	357	261	45	4 370	6 163
Busboys and dishwashers	2 592	1 880	457	150	30	30	11	25	5	4	1 379	3 148
Health service workers	526	157	148	96	59	21	17	23	–	5	3 432	4 492
Personal service workers	2 845	653	359	152	249	322	233	411	339	127	6 030	7 525
Protective service workers	5 637	412	361	205	191	294	454	1 712	1 779	229	9 053	9 595
Firemen, fire protection	1 584	21	25	17	23	47	80	611	685	75	9 895	10 061
Guards and watchmen	1 468	257	274	109	112	129	114	305	158	10	5 839	7 936
Policemen and detectives	2 228	58	43	51	56	92	242	678	874	134	9 687	9 955
Private household workers	**213**	**110**	**56**	**5**	**13**	**–**	**–**	**20**	**9**	**–**	**1 936**	**...**

[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
SEATTLE–EVERETT SMSA—Continued												
Negro												
Experienced civilian labor force	**9 268**	**1 103**	**1 014**	**638**	**798**	**903**	**1 365**	**1 895**	**1 329**	**223**	**7 130**	**7 872**
Professional, technical, and kindred workers	**941**	**138**	**64**	**48**	**82**	**23**	**82**	**129**	**286**	**89**	**8 519**	**10 148**
Accountants	44	–	–	–	25	–	–	10	6	3	...	...
Architects	14	–	6	–	–	–	5	–	–	3	...	...
Computer specialists	20	–	–	–	–	–	5	–	9	6	...	...
Engineers	148	14	–	–	4	–	10	18	64	38	12 188	12 161
Aeronautical and astronautical	33	–	–	–	–	–	5	–	10	18	...	...
Civil	14	–	–	–	–	–	5	5	–	4	...	...
Electrical and electronic	49	10	–	–	–	–	–	4	22	13	...	...
Mechanical	15	4	–	–	–	–	–	4	7	–	...	...
Other engineers	37	–	–	–	4	–	–	5	25	3	...	...
Lawyers and judges	15	–	–	–	7	–	5	–	–	3	...	...
Life and physical scientists	4	–	–	–	–	–	–	–	4	–	...	–
Chemists	4	–	–	–	–	–	–	–	4	–	...	–
Physicians, dentists, and related practitioners	24	–	–	–	–	–	–	3	7	14	...	...
Dentists	7	–	–	–	–	–	–	–	7	–	...	...
Pharmacists	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, medical and osteopathic	17	–	–	–	–	–	–	3	–	14	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	18	–	–	–	–	–	4	–	14	–	...	...
Religious workers	20	–	–	–	10	–	–	4	6	–	...	...
Social scientists	24	3	6	–	–	–	5	–	10	–	...	...
Social and recreation workers	80	31	–	4	12	–	–	11	22	–	...	...
Teachers	90	13	4	–	–	–	18	15	34	6	...	...
College and university	47	13	4	–	–	–	8	7	9	6	...	...
Elementary and prekindergarten	5	–	–	–	–	–	–	–	5	–	...	...
Secondary	28	–	–	–	–	–	6	8	14	–	...	...
Engineering and science technicians	58	–	–	5	6	–	–	18	29	–	...	...
Draftsmen and surveyors	21	–	–	5	–	–	–	6	10	–	...	...
Electrical and electronic engineering technicians	9	–	–	–	–	–	–	6	3	–	...	...
Technicians, except health, and engineering and science	14	–	–	5	–	–	9	–	–	–	...	...
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	142	39	10	12	6	11	–	19	40	5	6 364	...
Other professional, technical, and kindred workers	226	38	38	22	12	12	21	31	41	11	6 250	7 643
Managers and administrators, except farm	**450**	**25**	**50**	**9**	**19**	**23**	**25**	**122**	**155**	**22**	**9 213**	**9 867**
Buyers, purchasing agents, and sales managers	45	–	2	–	–	4	5	23	11	–	...	...
School administrators	3	–	–	–	–	–	–	–	–	3	...	...
Specified managers and administrators, public administration	66	9	–	–	–	–	6	18	25	8	...	...
Other specified managers and administrators	117	5	14	3	4	19	–	26	42	4	9 038	...
Managers and administrators, n.e.c., salaried	150	11	23	–	6	–	9	35	59	7	9 486	10 926
Manufacturing	22	–	–	–	–	–	4	–	18	–	...	...
Wholesale and retail trade	45	5	4	–	–	–	–	13	23	–	...	...
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–	–
All other industries	83	6	19	–	6	–	5	22	18	7	...	...
Managers and administrators, n.e.c., self-employed	69	–	11	6	9	–	5	20	18	–	...	...
Construction	5	–	–	–	–	–	–	–	5	–	...	...
Manufacturing	4	–	–	–	–	–	–	4	–	–	...	...
Wholesale and retail trade	12	–	–	–	5	–	5	2	–	–	...	...
All other industries	48	–	11	6	4	–	–	14	13	–	...	...
Sales workers	**240**	**33**	**26**	**21**	**19**	**13**	**36**	**47**	**45**	–	**7 222**	**7 847**
Insurance agents, brokers, and underwriters	33	5	–	–	–	–	5	10	13	–	...	...
Real estate agents and brokers	15	–	–	–	–	–	7	3	5	–	...	...
Sales representatives, manufacturing industries	16	5	–	–	–	–	6	–	5	–	...	...
Sales representatives, wholesale trade	33	–	7	–	–	4	–	16	6	–	...	...
Sales clerks, retail trade	87	13	14	21	7	–	18	9	5	–	...	...
Salesmen, retail trade	23	–	–	–	6	9	–	3	5	–	...	...
Salesmen of services and construction	17	–	5	–	–	–	–	6	6	–	...	...
Other sales workers	16	10	–	–	6	–	–	–	–	–	...	–
Clerical and kindred workers	**824**	**95**	**117**	**32**	**37**	**119**	**130**	**229**	**53**	**12**	**7 092**	**7 793**
Bank tellers and cashiers	23	6	5	–	–	–	–	12	–	–	...	...
Bookkeepers and billing clerks	19	–	–	–	6	7	–	6	–	–	...	...
Mail handlers and postal clerks	238	20	12	11	15	32	46	92	10	–	7 630	7 855
Other clerical and kindred workers	544	69	100	21	16	80	84	119	43	12	6 825	7 754
Craftsmen and kindred workers	**1 744**	**133**	**132**	**129**	**77**	**158**	**262**	**433**	**374**	**46**	**7 927**	**8 583**
Apparel craftsmen and upholsterers	–	–	–	–	–	–	–	–	–	–	–	–
Bakers	11	–	–	–	–	–	–	11	–	–	...	...
Cabinetmakers	4	–	–	–	–	–	–	4	–	–	...	...
Construction craftsmen	504	29	26	15	30	76	68	128	119	13	8 125	8 855
Carpenters	86	–	11	4	–	12	4	26	29	–	...	...
Excavating, grading, and road machine operators	23	–	–	–	–	4	4	4	6	5	...	...
Electricians	61	4	5	–	7	–	7	25	5	8	...	...
Masons and tile setters	24	3	6	–	–	9	–	–	6	–	...	...
Painters, construction and maintenance, and paperhangers	85	–	4	5	10	19	10	15	22	–	...	...
Plasterers and cement finishers	102	5	–	–	9	17	4	39	28	–	8 821	...
Plumbers and pipe fitters	123	17	–	6	4	15	39	19	23	–	7 500	...
Other construction craftsmen	–	–	–	–	–	–	–	–	–	–	–	–
Foremen, n.e.c.	118	11	–	9	–	4	32	17	40	5	8 353	...
Manufacturing	45	6	–	–	–	–	6	3	30	–	...	...
Nonmanufacturing industries	73	5	–	9	–	4	26	14	10	5	...	...
Linemen and servicemen, telephone and power	42	16	–	9	–	–	8	–	9	–	...	...
Locomotive engineers and firemen	11	–	–	4	–	–	–	–	7	–	...	...
Mechanics and repairmen	456	39	32	32	12	32	59	123	111	16	8 358	9 051
Air conditioning, heating, and refrigeration	5	–	–	–	–	–	–	5	–	–	...	...
Aircraft	236	5	–	16	–	10	32	90	72	11	9 222	9 329
Automobile, including body	99	25	20	11	5	11	–	16	6	5	...	...
Radio and television	12	6	–	–	–	–	–	6	–	–	...	...
Other mechanics and repairmen	104	3	12	5	7	11	27	6	33	–	7 519	...
Metal craftsmen, except mechanics	224	7	18	23	–	11	40	83	30	12	8 313	8 952
Machinists and job and die setters	63	4	–	4	–	6	24	15	10	–	...	...
Sheetmetal workers and tinsmiths	58	–	6	7	–	–	16	15	8	6	...	...
Tool and die makers	45	–	–	12	–	–	–	22	5	6	...	...
Other metal craftsmen	58	3	12	–	–	5	–	31	7	–	...	...
Printing craftsmen	28	–	–	–	7	–	6	–	15	–	...	...
Compositors and typesetters	15	–	–	–	–	–	–	–	15	–	...	...
Pressmen and plate printers, printing	13	–	–	–	7	–	6	–	–	–	...	...
Stationary engineers and power station operators	11	–	–	–	–	5	–	6	–	–	...	...
Other craftsmen and kindred workers	335	31	56	37	28	30	49	61	43	–	6 517	6 783

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
SEATTLE–EVERETT SMSA—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**1 548**	**140**	**155**	**103**	**114**	**124**	**299**	**449**	**153**	**11**	**7 462**	**8 061**
Assemblers	82	–	–	9	–	8	33	20	12	–	...	...
Checkers, examiners, and inspectors; manufacturing	31	–	–	–	–	–	5	26	–	–	...	...
Garage workers and gas station attendants	60	10	20	6	5	5	14	–	–	–	...	...
Laundry and drycleaning operatives, n.e.c	50	–	–	4	13	11	7	15	–	–	...	...
Meat cutters and butchers	21	–	–	–	–	–	–	21	–	–	...	...
Mine operatives, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	57	11	–	5	–	–	10	26	5	–	...	...
Painters, manufactured articles	69	–	7	8	–	–	38	11	5	–	...	...
Precision machine operatives	41	10	–	–	–	–	6	20	5	–	...	...
Sawyers	7	–	7	–	–	–	–	–	–	–	...	...
Stationary firemen	3	–	–	3	–	–	–	–	–	–	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–
Welders and flamecutters	190	15	–	12	–	20	29	100	14	–	8 380	8 800
Other metalworking operatives	200	5	7	24	10	16	58	49	26	5	7 655	7 879
Other specified operatives	321	65	72	9	19	8	48	51	49	–	5 763	7 646
Miscellaneous and not specified operatives	416	24	42	23	67	56	51	110	37	6	6 929	8 028
Occupation:												
Machine operatives, miscellaneous specified	191	18	16	–	27	24	22	56	28	–	7 477	8 385
Machine operatives, not specified	83	–	14	4	24	12	11	14	4	–	...	...
Miscellaneous operatives	104	–	12	15	16	13	10	27	5	6	6 692	...
Not specified operatives	38	6	–	4	–	7	8	13	–	–	...	...
Industry:												
Manufacturing	303	8	38	4	60	50	39	65	33	6	6 830	7 867
Durable goods	252	4	29	4	53	38	33	58	33	–	6 947	8 074
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Primary metal industries	42	–	6	–	5	9	9	13	–	–	...	...
Fabricated metal industries	31	4	12	–	11	4	–	–	–	–	...	...
Machinery, including electrical	18	–	–	4	11	–	–	3	–	–	...	...
Motor vehicles and equipment	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	155	–	11	–	26	25	24	42	27	–	7 646	8 368
Other durable goods	6	–	–	–	–	–	–	–	6	–	...	...
Nondurable goods	51	4	9	–	7	12	6	7	–	6	...	...
Food and kindred products	19	–	–	–	–	6	–	7	–	6	...	...
Apparel and other fabricated textile products	5	–	5	–	–	–	–	–	–	–	...	–
Paper and allied products	16	–	4	–	–	6	6	–	–	–	...	...
Chemicals and allied products	–	–	–	–	–	–	–	–	–	–	–	–
Other nondurable goods	11	4	–	–	7	–	–	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	113	16	4	19	7	6	12	45	4	–	7 375	...
Transportation, communications, and other public utilities	34	–	–	9	–	–	5	20	–	–	...	...
Wholesale and retail trade	47	16	–	4	–	–	7	16	4	–	...	...
All other industries	32	–	4	6	7	6	–	9	–	–	...	...
Transport equipment operatives	**468**	**55**	**14**	**40**	**8**	**46**	**127**	**110**	**54**	**14**	**7 559**	**7 908**
Bus drivers	11	–	–	5	–	–	–	6	–	–	...	...
Taxicab drivers and chauffeurs	29	7	9	–	4	–	–	9	–	–	...	...
Truck drivers and deliverymen	264	24	5	28	–	25	77	65	32	8	7 649	7 912
Other transport equipment operatives	164	24	–	7	4	21	50	30	22	6	7 520	7 783
Laborers, except farm	**1 200**	**180**	**153**	**93**	**171**	**132**	**245**	**156**	**70**	**–**	**6 023**	**6 976**
Construction laborers	233	11	29	23	46	24	41	43	16	–	6 313	...
Freight, stock, and material handlers	305	45	30	20	19	53	53	59	26	–	6 726	6 947
Other specified laborers	372	88	67	28	49	27	74	26	13	–	5 061	6 056
Miscellaneous and not specified laborers	290	36	27	22	57	28	77	28	15	–	6 107	7 328
Occupation:												
Miscellaneous laborers	142	17	9	12	36	10	36	12	10	–	5 917	...
Not specified laborers	148	19	18	10	21	18	41	16	5	–	6 333	...
Industry:												
Manufacturing	213	27	21	12	40	15	65	28	5	–	6 433	...
Durable goods	195	27	21	7	32	10	65	28	5	–	7 008	...
Wood products, including furniture	5	5	–	–	–	–	–	–	–	–	...	–
Metal industries	49	7	9	–	4	10	14	5	–	–	...	...
Machinery, including electrical	10	–	4	–	6	–	–	–	–	–	...	...
Transportation equipment	126	15	8	7	22	–	46	23	5	–	7 239	...
Other durable goods	5	–	–	–	–	–	5	–	–	–	...	...
Nondurable goods	18	–	–	5	8	5	–	–	–	–	...	...
Food and kindred products	5	–	–	5	–	–	–	–	–	–	...	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	77	9	6	10	17	13	12	–	10	–	...	...
Railroads and railway express service	17	–	–	5	12	–	–	–	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	23	6	–	5	–	–	7	–	5	–	...	...
Wholesale and retail trade	23	–	–	–	–	13	5	–	5	–	...	...
All other industries	14	3	6	–	5	–	–	–	–	–	...	...
Farmers and farm managers	**26**	**6**	**11**	**–**	**–**	**–**	**–**	**5**	**–**	**4**	**...**	**...**
Farm laborers and farm foremen	**49**	**37**	**–**	**5**	**7**	**–**	**–**	**–**	**–**	**–**	**...**	**–**
Paid farm laborers and farm foremen	49	37	–	5	7	–	–	–	–	–	...	–
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 759**	**251**	**287**	**158**	**260**	**265**	**159**	**215**	**139**	**25**	**5 706**	**6 468**
Cleaning service workers	806	95	124	32	120	175	86	109	58	7	6 183	6 673
Food service workers	357	67	73	55	53	23	20	44	22	–	4 700	5 345
Cooks, except private household	148	21	18	18	28	7	16	24	16	–	5 607	...
Busboys and dishwashers	58	20	9	16	5	–	–	8	–	–	...	...
Health service workers	33	10	–	12	4	7	–	–	–	–	...	...
Personal service workers	151	25	4	13	27	34	20	5	10	13	6 191	6 717
Protective service workers	153	4	34	4	12	7	27	41	24	–	7 574	...
Firemen, fire protection	33	–	8	–	–	–	5	16	4	–	...	...
Guards and watchmen	61	–	22	4	12	4	–	13	6	–	...	...
Policemen and detectives	54	4	4	–	–	3	17	12	14	–	...	...
Private household workers	**19**	**10**	**5**	**–**	**4**	**–**	**–**	**–**	**–**	**–**	**...**	**...**

[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**—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
SPOKANE SMSA												
Total												
Experienced civilian labor force	**64 306**	**7 836**	**5 511**	**2 714**	**3 745**	**5 585**	**6 929**	**11 833**	**14 505**	**5 648**	**7 976**	**8 949**
Professional, technical, and kindred workers	**8 811**	**578**	**511**	**264**	**327**	**533**	**698**	**1 320**	**2 828**	**1 752**	**10 309**	**11 090**
Accountants	651	31	30	21	12	58	97	139	168	95	9 101	9 508
Architects	66	5	5	–	–	–	5	–	25	26	...	...
Computer specialists	141	–	–	–	14	13	14	49	34	17	9 204	9 053
Engineers	909	40	5	17	15	39	64	123	425	181	11 782	12 195
Aeronautical and astronautical	6	–	–	–	–	–	6	–	–	–	...	–
Civil	248	–	5	5	–	10	11	30	144	43	12 188	12 536
Electrical and electronic	195	4	–	12	–	6	19	48	79	27	10 538	10 767
Mechanical	115	8	–	–	6	7	12	6	67	9	11 381	...
Other engineers	345	28	–	–	9	16	16	39	135	102	12 389	12 946
Lawyers and judges	311	13	28	–	–	16	4	18	48	184	15000+	15000+
Life and physical scientists	155	7	5	–	10	5	–	32	48	48	11 927	12 813
Chemists	78	–	–	–	5	–	–	21	32	20	...	...
Physicians, dentists, and related practitioners	967	32	54	5	4	15	33	28	150	646	15000+	15000+
Dentists	205	–	–	–	–	–	–	5	32	168	15000+	15000+
Pharmacists	186	18	24	5	4	–	19	19	46	51	10 435	12 120
Physicians, medical and osteopathic	480	14	30	–	–	10	14	4	40	368	15000+	15000+
Other related practitioners	96	–	–	–	–	5	–	–	32	59	...	...
Health technologists and technicians	118	16	6	17	4	4	12	19	24	16	8 000	...
Religious workers	371	26	45	19	58	49	59	36	74	5	6 765	6 888
Social scientists	63	–	–	–	–	–	5	11	27	20	...	...
Social and recreation workers	204	22	21	13	4	25	10	72	32	5	8 194	8 944
Teachers	1 909	108	99	51	59	58	86	260	970	218	11 204	11 718
College and university	774	26	49	26	15	12	29	80	374	163	12 005	13 005
Elementary and prekindergarten	404	5	20	16	17	31	16	86	198	15	10 278	10 907
Secondary	636	42	26	5	16	15	41	89	367	35	11 144	11 169
Engineering and science technicians	762	77	54	30	46	151	84	121	147	52	7 274	8 374
Draftsmen and surveyors	442	30	45	14	29	82	56	63	81	42	7 375	8 386
Electrical and electronic engineering technicians	133	5	5	5	–	11	13	34	55	5	9 618	9 912
Technicians, except health, and engineering and science	269	24	10	5	20	24	26	32	87	41	9 594	10 823
Airplane pilots	72	5	–	5	–	10	–	14	24	14	...	...
Writers, artists, and entertainers	703	89	67	42	28	18	74	96	209	80	8 698	10 368
Other professional, technical, and kindred workers	1 212	88	82	44	53	58	125	284	360	118	9 099	9 646
Managers and administrators, except farm	**8 499**	**314**	**349**	**169**	**264**	**431**	**667**	**1 265**	**3 068**	**1 972**	**11 288**	**11 637**
Buyers, purchasing agents, and sales managers	1 140	15	22	25	27	94	117	170	450	220	11 111	11 439
School administrators	224	–	4	–	7	–	–	–	98	115	15000+	15000+
Specified managers and administrators, public administration	436	–	21	–	21	4	39	136	181	34	9 956	10 071
Other specified managers and administrators	1 587	93	73	27	63	80	138	179	596	338	11 179	11 479
Managers and administrators, n.e.c., salaried	3 903	155	105	63	68	165	290	665	1 416	976	11 555	11 861
Manufacturing	584	30	–	–	22	19	42	112	194	165	11 727	11 869
Wholesale and retail trade	1 642	53	52	51	29	90	156	308	579	324	10 708	11 006
Transportation, communications, and other public utilities	350	10	10	–	5	6	23	76	154	66	11 461	11 993
All other industries	1 327	62	43	12	12	50	69	169	489	421	12 520	12 869
Managers and administrators, n.e.c., self-employed	1 209	51	124	54	78	88	83	115	327	289	10 176	11 326
Construction	267	3	21	5	15	18	19	42	58	86	10 905	13 241
Manufacturing	85	5	–	–	6	–	14	9	29	22	...	...
Wholesale and retail trade	582	27	92	29	38	41	32	39	169	115	9 641	10 491
All other industries	275	16	11	20	19	29	18	25	71	66	9 960	10 962
Sales workers	**6 246**	**618**	**509**	**212**	**341**	**483**	**654**	**1 151**	**1 546**	**732**	**8 532**	**9 437**
Insurance agents, brokers, and underwriters	681	10	56	33	19	57	63	107	192	144	9 916	10 709
Real estate agents and brokers	476	20	64	10	28	32	49	58	101	114	9 207	9 958
Sales representatives, manufacturing industries	484	16	32	–	11	26	42	157	174	26	9 465	9 697
Sales representatives, wholesale trade	1 555	50	56	38	70	121	219	329	491	181	9 359	9 731
Sales clerks, retail trade	1 287	247	183	66	130	117	124	150	219	51	6 150	7 820
Salesmen, retail trade	646	68	52	37	49	56	56	131	154	43	8 076	9 239
Salesmen of services and construction	382	34	29	5	18	29	39	100	78	50	8 740	9 356
Other sales workers	735	173	37	23	16	45	62	119	137	123	8 193	9 490
Clerical and kindred workers	**4 638**	**505**	**495**	**219**	**229**	**477**	**605**	**1 108**	**831**	**169**	**7 651**	**8 308**
Bank tellers and cashiers	322	92	77	29	15	35	30	26	18	–	3 792	5 767
Bookkeepers and billing clerks	254	10	21	25	25	26	23	35	66	23	7 870	8 457
Mail handlers and postal clerks	945	56	56	14	22	93	151	353	189	11	8 456	8 698
Other clerical and kindred workers	3 117	347	341	151	167	323	401	694	558	135	7 572	8 271
Craftsmen and kindred workers	**12 226**	**910**	**838**	**454**	**845**	**1 293**	**1 774**	**3 197**	**3 514**	**501**	**8 343**	**8 956**
Apparel craftsmen and upholsterers	137	40	–	–	18	24	31	15	4	5	6 438	6 854
Bakers	147	14	23	–	4	5	27	53	21	–	8 019	8 736
Cabinetmakers	121	5	19	23	10	25	12	22	–	5	6 140	...
Construction craftsmen	3 553	273	290	149	236	339	467	732	970	97	8 061	9 323
Carpenters	1 106	100	138	51	61	108	181	224	227	16	7 525	9 102
Excavating, grading, and road machine operators	413	31	20	10	33	25	37	122	126	9	8 828	9 655
Electricians	597	18	5	11	19	22	105	115	269	33	10 065	10 651
Masons and tile setters	203	5	23	15	–	20	4	50	77	9	9 380	9 775
Painters, construction and maintenance, and paperhangers	459	68	56	24	65	45	65	83	37	16	6 367	8 194
Plasterers and cement finishers	94	16	11	7	23	–	5	11	17	4	...	...
Plumbers and pipe fitters	423	20	32	5	17	68	30	85	156	10	8 929	9 114
Other construction craftsmen	258	15	5	26	18	51	40	42	61	–	7 350	8 185
Foremen, n.e.c.	1 577	15	10	21	37	90	172	353	730	149	10 620	10 821
Manufacturing	705	15	5	5	6	66	62	138	328	80	10 846	10 941
Nonmanufacturing industries	872	–	5	16	31	24	110	215	402	69	10 435	10 717
Linemen and servicemen, telephone and power	568	11	32	6	–	23	29	195	255	17	9 877	10 181
Locomotive engineers and firemen	325	4	–	–	–	11	5	39	201	65	12 575	12 690
Mechanics and repairmen	3 382	249	191	130	295	452	487	923	566	89	7 768	8 209
Air conditioning, heating, and refrigeration	143	6	4	–	–	4	47	39	35	8	8 538	8 615
Aircraft	188	–	4	15	12	21	21	45	65	5	8 933	10 154
Automobile, including body	1 310	123	94	54	134	221	181	312	146	45	7 160	7 733
Radio and television	247	11	37	10	21	29	58	33	41	7	7 267	7 424
Other mechanics and repairmen	1 494	109	52	51	128	177	180	494	279	24	8 202	8 488
Metal craftsmen, except mechanics	911	34	41	23	48	104	165	230	254	12	8 352	8 913
Machinists and job and die setters	374	10	15	20	5	45	61	110	108	–	8 564	9 141
Sheetmetal workers and tinsmiths	248	10	13	3	10	43	43	33	81	12	8 121	8 643
Tool and die makers	51	–	7	–	5	6	15	6	12	–	...	...
Other metal craftsmen	238	14	6	–	28	10	46	81	53	–	8 370	8 808
Printing craftsmen	288	16	17	6	31	28	31	96	63	–	8 313	8 654
Compositors and typesetters	134	5	17	6	11	16	8	56	15	–	8 143	...
Pressmen and plate printers, printing	98	5	–	–	15	7	17	11	43	–	...	...
Stationary engineers and power station operators	196	6	10	7	9	19	29	58	54	4	8 621	9 204
Other craftsmen and kindred workers	2 121	243	205	89	157	173	319	481	396	58	7 607	8 047

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
SPOKANE SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**6 287**	**817**	**650**	**374**	**456**	**743**	**928**	**1 366**	**859**	**94**	**7 112**	**7 818**
Assemblers	286	26	44	20	13	99	40	34	10	-	6 404	6 742
Checkers, examiners, and inspectors, manufacturing	78	-	-	-	-	15	10	31	22	-	...	...
Garage workers and gas station attendants	666	195	180	71	54	43	26	65	32	-	3 533	5 000
Laundry and drycleaning operatives, n.e.c	122	39	17	18	7	11	24	6	-	-	4 278	...
Meat cutters and butchers	383	31	15	19	14	18	48	123	83	32	8 756	9 109
Mine operatives, n.e.c	52	-	6	6	6	-	11	11	12	-	...	...
Packers and wrappers, except produce	191	44	26	7	6	17	33	37	21	-	6 735	7 758
Painters, manufactured articles	114	23	5	6	18	5	25	22	10	-	7 000	...
Precision machine operatives	117	3	5	-	-	25	19	51	14	-	8 255	...
Sawyers	222	35	27	19	53	36	18	22	12	-	5 566	6 565
Stationary firemen	124	9	-	6	6	4	11	52	36	-	9 000	9 250
Textile operatives	4	-	4	-	-	-	-	-	-	-	...	-
Welders and flamecutters	641	37	14	41	27	97	120	198	92	15	7 871	8 273
Other metalworking operatives	342	19	21	19	23	16	74	102	63	5	7 986	8 239
Other specified operatives	1 038	137	122	68	62	105	127	172	203	42	7 197	7 963
Miscellaneous and not specified operatives	1 907	219	164	74	167	252	342	440	249	-	7 227	7 779
Occupation:												
Machine operatives, miscellaneous specified	916	73	61	42	70	88	146	259	177	-	7 849	8 459
Machine operatives, not specified	258	25	24	24	49	32	39	56	9	-	6 219	6 969
Miscellaneous operatives	478	94	44	8	32	78	105	83	34	-	6 782	7 419
Not specified operatives	255	27	35	-	16	54	52	42	29	-	6 917	7 457
Industry:												
Manufacturing	1 334	79	111	57	119	170	235	373	190	-	7 557	7 997
Durable goods	988	51	86	51	103	127	180	248	142	-	7 422	7 730
Wood products, including furniture	93	17	10	10	5	21	24	6	-	-	...	...
Primary metal industries	565	9	15	5	33	39	122	205	137	-	8 580	8 727
Fabricated metal industries	56	5	12	8	-	16	5	10	-	-	...	...
Machinery, including electrical	138	11	39	16	42	16	-	9	5	-	5 071	...
Motor vehicles and equipment	14	-	-	-	-	6	4	4	-	-	...	...
Transportation equipment, except motor vehicles	47	5	3	4	17	-	15	3	-	-	...	...
Other durable goods	75	4	7	8	6	29	10	11	-	-	...	...
Nondurable goods	329	28	19	6	16	37	55	120	48	-	8 058	8 757
Food and kindred products	139	14	4	-	-	16	26	67	12	-	8 284	...
Apparel and other fabricated textile products	5	-	5	-	-	-	-	-	-	-	...	-
Paper and allied products	134	6	10	6	-	17	29	35	31	-	7 966	...
Chemicals and allied products	8	3	-	-	5	-	-	-	-	-	...	...
Other nondurable goods	43	5	-	-	11	4	-	18	5	-	...	...
Not specified manufacturing industries	17	-	6	-	-	6	-	5	-	-	...	-
Nonmanufacturing industries	573	140	53	17	48	82	107	67	59	-	6 348	7 359
Transportation, communications, and other public utilities	142	15	-	-	15	29	62	17	4	-	7 194	7 289
Wholesale and retail trade	219	67	24	10	28	37	19	20	14	-	5 304	6 357
All other industries	212	58	29	7	5	16	26	30	41	-	6 438	8 767
Transport equipment operatives	**4 459**	**388**	**402**	**219**	**270**	**535**	**515**	**1 061**	**960**	**109**	**7 807**	**8 598**
Bus drivers	239	-	42	5	19	38	43	30	58	4	7 360	7 970
Taxicab drivers and chauffeurs	134	-	44	40	13	8	18	11	-	-	4 575	...
Truck drivers and deliverymen	3 109	278	238	119	179	361	348	788	698	100	8 080	8 748
Other transport equipment operatives	977	110	78	55	59	128	106	232	204	5	7 552	8 540
Laborers, except farm	**4 160**	**1 236**	**543**	**231**	**387**	**424**	**535**	**545**	**217**	**42**	**5 181**	**7 012**
Construction laborers	683	149	79	22	69	75	101	125	58	5	6 300	7 561
Freight, stock, and material handlers	1 739	530	207	102	162	181	225	263	64	5	5 188	6 763
Other specified laborers	889	341	127	44	72	80	89	39	73	24	3 630	6 528
Miscellaneous and not specified laborers	849	216	130	63	84	88	120	118	22	8	5 185	7 338
Occupation:												
Miscellaneous laborers	279	42	53	-	14	52	44	55	11	8	6 587	7 423
Not specified laborers	570	174	77	63	70	36	76	63	11	-	4 540	7 288
Industry:												
Manufacturing	307	41	44	14	36	16	71	79	6	-	7 035	7 765
Durable goods	267	32	36	14	[illegible]	10	54	79	6	-	7 102	7 918
Wood products, including furniture	67	17	28	4	[illegible]	-	8	-	6	-	...	...
Metal industries	155	6	-	10	19	-	41	79	-	-	8 038	8 250
Machinery, including electrical	5	-	-	-	-	5	-	-	-	-	...	-
Transportation equipment	22	5	4	-	13	-	-	-	-	-	...	-
Other durable goods	18	4	4	-	-	5	5	-	-	-	...	...
Nondurable goods	36	5	8	-	-	6	17	-	-	-	...	...
Food and kindred products	14	-	8	-	-	6	-	-	-	-	...	...
Not specified manufacturing industries	4	4	-	-	-	-	-	-	-	-	...	-
Nonmanufacturing industries	542	175	86	49	48	72	49	39	16	8	4 204	6 746
Railroads and railway express service	156	21	24	6	5	33	39	19	5	4	6 667	...
Transportation, except railroads	11	11	-	-	-	-	-	-	-	-	...	-
Communications, and utilities and sanitary services	37	-	7	-	5	10	-	15	-	-	...	...
Wholesale and retail trade	154	62	28	12	24	3	5	5	11	4	3 071	...
All other industries	184	81	27	31	14	26	5	-	-	-	2 815	...
Farmers and farm managers	**1 082**	**171**	**114**	**78**	**48**	**57**	**93**	**159**	**181**	**181**	**7 785**	**7 954**
Farm laborers and farm foremen	**813**	**355**	**183**	**41**	**76**	**21**	**43**	**63**	**31**	-	**2 563**	**5 042**
Paid farm laborers and farm foremen	798	350	178	41	71	21	43	63	31	-	2 551	4 983
Unpaid family workers	15	5	5	-	5	-	-	-	-	-	...	...
Service workers, except private household[1]	**5 970**	**1 929**	**917**	**453**	**502**	**588**	**417**	**598**	**470**	**96**	**4 307**	**6 336**
Cleaning service workers	2 259	778	395	205	268	261	146	127	66	13	3 780	5 447
Food service workers	1 487	722	250	89	63	112	102	112	37	-	2 172	6 115
Cooks, except private household	431	162	88	26	23	44	36	46	6	-	3 216	6 368
Busboys and dishwashers	486	376	79	23	4	-	-	4	-	-	1 293	...
Health service workers	355	62	30	56	86	43	57	9	6	6	5 343	5 767
Personal service workers	535	172	74	43	65	35	28	39	46	33	4 500	6 357
Protective service workers	1 015	76	104	34	15	82	64	299	297	44	8 886	9 229
Firemen, fire protection	391	15	7	-	-	32	14	121	179	23	10 182	10 391
Guards and watchmen	227	56	77	16	10	27	15	6	20	-	3 494	3 981
Policemen and detectives	357	5	20	11	5	11	31	166	87	21	9 151	9 323
Private household workers	**15**	**15**	-	-	-	-	-	-	-	-	...	-

[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
TACOMA SMSA												
Total												
Experienced civilian labor force	**83 355**	**8 883**	**5 728**	**3 096**	**4 333**	**6 408**	**9 419**	**18 972**	**19 185**	**7 331**	**8 402**	**9 207**
Professional, technical, and kindred workers	**10 649**	**586**	**472**	**349**	**300**	**538**	**823**	**1 936**	**3 571**	**2 074**	**10 449**	**11 151**
Accountants	777	65	31	32	32	34	84	128	256	115	9 727	10 730
Architects	98	6	8	10	–	15	5	5	26	23	...	...
Computer specialists	292	5	6	8	5	30	10	70	121	37	10 496	10 781
Engineers	1 345	40	18	19	20	31	55	201	694	267	12 079	12 153
Aeronautical and astronautical	111	–	4	–	5	–	–	11	60	31	12 958	...
Civil	320	10	10	5	5	11	21	49	138	71	11 775	12 000
Electrical and electronic	217	5	4	–	–	5	7	39	121	36	12 004	12 107
Mechanical	243	–	–	9	–	5	15	24	124	66	12 762	12 451
Other engineers	454	25	–	5	10	10	12	78	251	63	11 733	11 810
Lawyers and judges	391	11	12	–	–	5	16	13	46	288	15000+	15000+
Life and physical scientists	169	16	–	5	–	7	13	49	64	15	9 776	9 857
Chemists	75	11	–	–	–	–	7	25	32	–	...	...
Physicians, dentists, and related practitioners	868	25	27	16	6	26	19	45	142	562	15000+	15000+
Dentists	152	5	5	–	–	5	–	–	22	115	15000+	...
Pharmacists	171	11	6	11	–	6	15	20	70	32	11 179	12 571
Physicians, medical and osteopathic	430	9	10	–	6	11	–	15	35	344	15000+	15000+
Other related practitioners	115	–	6	5	–	4	4	10	15	71	15000+	...
Health technologists and technicians	85	5	5	10	6	–	5	39	11	4	...	...
Religious workers	357	52	27	25	28	35	61	63	51	15	7 189	7 721
Social scientists	119	3	–	–	–	–	6	22	24	64	15000+	...
Social and recreation workers	368	38	21	12	19	37	40	106	66	29	8 321	9 147
Teachers	2 278	70	131	59	64	129	173	437	1 043	172	10 364	10 788
College and university	344	26	14	11	11	10	11	20	164	77	12 104	13 323
Elementary and prekindergarten	608	–	39	24	28	54	68	136	238	21	9 338	9 538
Secondary	1 184	34	63	19	25	51	94	249	588	61	10 485	10 732
Engineering and science technicians	975	40	35	63	40	76	111	320	242	48	8 766	9 209
Draftsmen and surveyors	454	18	18	40	23	37	64	142	83	29	8 380	8 942
Electrical and electronic engineering technicians	194	–	6	12	4	12	14	53	88	5	9 849	10 152
Technicians, except health, and engineering and science	353	18	5	14	6	9	37	37	96	131	12 630	13 459
Airplane pilots	119	–	–	14	–	–	18	9	10	68	15000+	...
Writers, artists, and entertainers	611	97	29	25	20	29	64	99	150	98	8 838	10 163
Other professional, technical, and kindred workers	1 563	95	117	51	54	75	124	302	539	206	9 758	10 674
Managers and administrators, except farm	**9 445**	**376**	**273**	**192**	**250**	**393**	**656**	**1 446**	**3 285**	**2 574**	**11 730**	**12 093**
Buyers, purchasing agents, and sales managers	1 243	18	36	29	17	45	138	292	450	218	10 517	10 590
School administrators	339	5	–	7	–	10	19	21	137	140	13 923	13 395
Specified managers and administrators, public administration	647	19	4	–	6	30	28	144	318	98	11 454	11 612
Other specified managers and administrators	2 032	106	106	81	107	105	127	290	714	396	10 658	11 421
Managers and administrators, n.e.c., salaried	3 861	91	67	45	54	129	253	534	1 346	1 342	12 814	13 190
Manufacturing	941	–	6	11	–	40	27	121	325	411	14 085	14 226
Wholesale and retail trade	1 185	34	14	14	21	40	132	206	361	363	11 821	12 079
Transportation, communications, and other public utilities	347	4	15	–	5	–	33	59	165	66	11 742	11 993
All other industries	1 388	53	32	20	28	49	61	148	495	502	13 061	13 816
Managers and administrators, n.e.c., self-employed	1 323	137	60	30	66	74	91	165	320	380	10 602	10 967
Construction	327	23	30	13	15	15	20	30	83	98	11 054	12 500
Manufacturing	91	19	5	–	6	6	–	31	13	11	...	...
Wholesale and retail trade	691	77	16	17	36	33	50	89	164	209	10 838	10 659
All other industries	214	18	9	–	9	20	21	15	60	62	11 250	11 375
Sales workers	**5 831**	**675**	**487**	**197**	**280**	**504**	**545**	**998**	**1 188**	**957**	**8 456**	**9 565**
Insurance agents, brokers, and underwriters	604	32	55	13	29	51	50	85	118	171	9 694	11 078
Real estate agents and brokers	634	60	55	24	21	40	25	65	121	223	11 116	13 284
Sales representatives, manufacturing industries	374	22	4	–	8	16	44	108	121	51	9 722	9 907
Sales representatives, wholesale trade	993	34	14	29	22	75	126	269	284	140	9 461	9 716
Sales clerks, retail trade	1 352	228	175	87	99	135	155	195	186	92	6 644	8 023
Salesmen, retail trade	874	58	66	24	50	117	92	157	163	147	8 382	9 722
Salesmen of services and construction	297	30	34	11	6	15	20	57	79	45	9 140	10 357
Other sales workers	703	211	84	9	45	55	33	62	116	88	6 045	7 722
Clerical and kindred workers	**5 774**	**519**	**457**	**220**	**314**	**466**	**938**	**1 561**	**1 073**	**226**	**7 971**	**8 559**
Bank tellers and cashiers	300	49	60	34	25	24	38	41	24	5	5 280	6 211
Bookkeepers and billing clerks	251	24	29	16	18	9	43	50	52	10	7 686	7 977
Mail handlers and postal clerks	910	66	26	27	26	101	142	356	130	36	8 376	8 641
Other clerical and kindred workers	4 313	380	342	143	245	332	715	1 114	867	175	7 999	8 639
Craftsmen and kindred workers	**20 702**	**1 032**	**1 048**	**624**	**1 020**	**1 525**	**2 617**	**6 020**	**6 004**	**812**	**8 826**	**9 324**
Apparel craftsmen and upholsterers	154	27	11	11	6	19	36	34	10	–	7 083	...
Bakers	114	6	–	–	4	18	20	46	14	6	8 391	8 609
Cabinetmakers	247	8	27	10	36	33	53	45	23	12	7 179	7 568
Construction craftsmen	6 250	383	295	200	287	379	757	1 641	2 080	228	9 004	9 748
Carpenters	2 324	171	150	81	151	153	372	589	586	71	8 285	9 430
Excavating, grading, and road machine operators	709	28	4	32	28	24	66	195	296	36	9 769	9 953
Electricians	1 037	44	25	10	20	69	70	287	469	43	9 955	10 358
Masons and tile setters	216	12	–	3	15	13	42	21	105	5	10 095	...
Painters, construction and maintenance, and paperhangers	722	83	71	43	26	64	48	247	129	11	8 211	9 012
Plasterers and cement finishers	158	8	5	5	22	4	20	37	52	5	8 811	...
Plumbers and pipe fitters	678	4	16	12	10	37	76	179	303	41	10 083	10 343
Other construction craftsmen	406	33	24	14	15	15	63	86	140	16	8 907	10 500
Foremen, n.e.c.	1 836	28	26	31	9	46	152	446	894	204	11 007	11 310
Manufacturing	855	19	16	21	4	22	67	227	363	116	10 709	11 193
Nonmanufacturing industries	981	9	10	10	5	24	85	219	531	88	11 210	11 398
Linemen and servicemen, telephone and power	872	9	44	11	17	98	139	311	243	–	8 759	8 948
Locomotive engineers and firemen	121	–	–	–	5	10	11	30	35	30	10 643	...
Mechanics and repairmen	5 031	203	242	162	285	459	649	1 651	1 239	141	8 624	9 134
Air conditioning, heating, and refrigeration	151	–	–	11	–	11	4	60	55	10	9 650	9 400
Aircraft	740	4	11	21	14	28	45	265	331	21	9 864	10 306
Automobile, including body	2 065	116	128	83	184	257	286	615	333	63	7 925	8 782
Radio and television	282	24	19	11	4	22	11	115	76	–	8 870	9 221
Other mechanics and repairmen	1 793	59	84	36	83	141	303	596	444	47	8 639	8 977
Metal craftsmen, except mechanics	2 232	45	46	60	79	125	292	947	590	48	8 990	9 183
Machinists and job and die setters	962	13	36	16	32	59	109	423	248	26	9 021	9 257
Sheetmetal workers and tinsmiths	423	17	5	6	17	10	99	140	112	17	8 821	8 746
Tool and die makers	176	–	–	–	5	–	19	82	70	–	9 561	9 630
Other metal craftsmen	671	15	5	38	25	56	65	302	160	5	8 871	9 146
Printing craftsmen	420	3	13	15	26	37	68	121	137	–	8 793	9 036
Compositors and typesetters	120	3	–	5	–	–	8	63	41	–	9 397	9 286
Pressmen and plate printers, printing	255	–	13	5	21	28	60	52	76	–	8 019	8 643
Stationary engineers and power station operators	320	–	9	–	6	18	42	112	123	10	9 518	9 643
Other craftsmen and kindred workers	3 105	320	335	124	260	283	398	636	616	133	7 579	8 401

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
TACOMA SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**9 719**	**1 071**	**863**	**404**	**592**	**1 024**	**1 412**	**2 808**	**1 372**	**173**	**7 641**	**8 491**
Assemblers	375	26	40	14	19	49	98	93	23	13	7 403	7 915
Checkers, examiners, and inspectors; manufacturing	325	9	–	8	–	43	18	177	65	5	8 955	9 024
Garage workers and gas station attendants	852	358	216	38	36	68	31	68	10	27	2 630	6 120
Laundry and drycleaning operatives, n.e.c	102	19	5	22	15	6	5	15	11	4	5 333	...
Meat cutters and butchers	553	26	36	14	20	35	84	208	117	13	8 591	9 075
Mine operatives, n.e.c	37	–	–	–	5	–	5	10	12	5	...	...
Packers and wrappers, except produce	214	60	23	7	20	25	29	26	24	–	5 850	7 604
Painters, manufactured articles	156	17	14	12	14	6	31	51	11	–	7 484	8 039
Precision machine operatives	248	11	19	21	10	26	37	79	45	–	8 000	8 767
Sawyers	299	19	29	–	31	68	54	68	25	5	7 046	7 943
Stationary firemen	282	–	5	–	11	38	55	120	53	–	8 533	8 575
Textile operatives	5	–	–	–	–	–	5	–	–	–	...	...
Welders and flamecutters	793	51	14	18	50	62	131	329	133	5	8 429	8 837
Other metalworking operatives	503	19	44	28	40	98	109	116	45	4	7 206	7 706
Other specified operatives	1 835	167	211	98	124	167	215	542	268	43	7 700	8 556
Miscellaneous and not specified operatives	3 140	289	207	124	197	333	505	906	530	49	7 832	8 600
Occupation:												
Machine operatives, miscellaneous specified	1 416	154	49	55	78	133	210	456	260	21	8 127	8 759
Machine operatives, not specified	435	15	39	22	50	64	94	92	54	5	7 293	8 080
Miscellaneous operatives	956	105	98	43	53	97	124	273	150	13	7 661	8 532
Not specified operatives	333	15	21	4	16	39	77	85	66	10	7 929	8 566
Industry:												
Manufacturing	2 610	205	165	113	180	261	450	736	456	44	7 847	8 614
Durable goods	1 704	146	120	84	123	187	327	370	313	34	7 587	8 325
Wood products, including furniture	746	81	77	41	71	93	118	107	124	34	7 085	7 863
Primary metal industries	323	13	9	30	10	44	58	93	66	–	7 957	8 625
Fabricated metal industries	46	6	10	–	10	–	5	10	5	–	...	...
Machinery, including electrical	71	3	4	–	10	14	10	21	9	–	...	...
Motor vehicles and equipment	28	–	4	7	–	–	5	12	–	–	...	...
Transportation equipment, except motor vehicles	377	29	6	–	11	33	97	114	87	–	8 219	8 495
Other durable goods	113	14	10	6	11	3	34	13	22	–	7 368	...
Nondurable goods	906	59	45	29	57	74	123	366	143	10	8 361	8 881
Food and kindred products	250	24	–	9	16	29	20	120	27	5	8 450	8 950
Apparel and other fabricated textile products	10	6	–	4	–	–	–	–	–	–	...	...
Paper and allied products	369	23	29	5	12	40	43	127	85	5	8 512	8 983
Chemicals and allied products	156	–	12	–	20	–	26	78	20	–	8 513	8 987
Other nondurable goods	121	6	4	11	9	5	34	41	11	–	7 750	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	530	84	42	11	17	72	55	170	74	5	7 709	8 544
Transportation, communications, and other public utilities	120	10	–	–	–	26	24	45	15	–	8 000	...
Wholesale and retail trade	203	44	23	6	5	16	21	57	26	5	7 357	8 769
All other industries	207	30	19	5	12	30	10	68	33	–	7 750	8 651
Transport equipment operatives	**5 312**	**444**	**327**	**261**	**280**	**417**	**622**	**1 689**	**1 156**	**116**	**8 361**	**8 901**
Bus drivers	361	47	50	28	24	43	34	93	42	–	6 733	8 559
Taxicab drivers and chauffeurs	211	11	33	20	48	43	21	15	20	–	5 865	6 759
Truck drivers and deliverymen	3 404	291	176	141	102	174	368	1 179	871	102	8 763	9 239
Other transport equipment operatives	1 336	95	68	72	106	157	199	402	223	14	7 854	8 256
Laborers, except farm	**7 475**	**1 871**	**812**	**389**	**565**	**721**	**1 041**	**1 293**	**646**	**137**	**6 139**	**7 665**
Construction laborers	1 224	220	69	65	118	104	202	294	140	12	7 178	8 267
Freight, stock, and material handlers	3 187	798	365	128	203	304	398	614	316	61	6 327	7 880
Other specified laborers	1 976	594	236	106	188	146	265	246	131	64	5 277	7 282
Miscellaneous and not specified laborers	1 088	259	142	90	56	167	176	139	59	–	5 946	7 179
Occupation:												
Miscellaneous laborers	409	47	52	29	28	72	84	69	28	–	6 674	7 371
Not specified laborers	679	212	90	61	28	95	92	70	31	–	4 615	6 968
Industry:												
Manufacturing	511	88	54	50	33	121	82	62	21	–	6 252	6 951
Durable goods	356	53	31	35	22	106	63	37	9	–	6 349	6 827
Wood products, including furniture	103	15	–	9	11	37	10	16	5	–	6 446	...
Metal industries	171	27	15	15	5	58	41	10	–	–	6 405	...
Machinery, including electrical	11	–	5	–	6	–	–	–	–	–	...	...
Transportation equipment	41	–	11	11	–	6	7	6	–	–	...	...
Other durable goods	30	11	–	–	–	5	5	5	4	–	...	...
Nondurable goods	155	35	23	15	11	15	19	25	12	–	5 409	...
Food and kindred products	69	19	7	8	5	11	8	5	6	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	577	171	88	40	23	46	94	77	38	–	4 738	7 452
Railroads and railway express service	136	30	17	16	6	24	28	10	5	–	5 833	...
Transportation, except railroads	25	6	–	6	7	–	6	–	–	–	...	...
Communications, and utilities and sanitary services	70	7	10	–	–	4	22	23	4	–	...	...
Wholesale and retail trade	132	61	18	9	–	–	15	11	18	–	2 556	...
All other industries	214	67	43	9	10	18	23	33	11	–	3 860	...
Farmers and farm managers	**612**	**197**	**34**	**44**	**24**	**43**	**24**	**72**	**106**	**68**	**6 163**	**6 791**
Farm laborers and farm foremen	**696**	**333**	**116**	**27**	**50**	**29**	**30**	**68**	**32**	**11**	**2 259**	**5 941**
Paid farm laborers and farm foremen	678	315	116	27	50	29	30	68	32	11	2 414	6 146
Unpaid family workers	18	18	–	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**7 100**	**1 755**	**827**	**385**	**658**	**748**	**711**	**1 081**	**752**	**183**	**5 886**	**7 429**
Cleaning service workers	2 275	605	294	151	334	324	236	219	81	31	5 262	6 212
Food service workers	1 600	701	249	96	61	107	142	176	63	5	2 795	7 121
Cooks, except private household	660	168	113	39	36	71	84	115	34	–	5 278	7 406
Busboys and dishwashers	378	321	42	6	–	–	–	9	–	–	1 178	...
Health service workers	469	36	49	45	90	105	65	62	17	–	6 138	6 516
Personal service workers	688	157	86	36	64	66	73	73	73	60	6 015	7 351
Protective service workers	1 568	116	74	43	88	74	153	475	468	77	8 994	9 466
Firemen, fire protection	445	19	5	–	13	22	27	123	224	12	10 301	10 480
Guards and watchmen	493	55	55	32	34	35	47	171	55	9	7 755	8 509
Policemen and detectives	538	37	14	11	34	17	68	144	164	49	9 222	9 863
Private household workers	**40**	**24**	**12**	**4**	–	–	–	–	–	–	...	...

[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	**455 341**	**40 524**	**36 149**	**59 981**	**49 751**	**52 923**	**55 271**	**48 883**	**41 538**	**53 887**	**16 434**	**3 780**	**5 327**
Professional, technical, and kindred workers	**78 163**	**3 659**	**3 652**	**6 358**	**6 072**	**5 604**	**5 682**	**5 971**	**9 356**	**22 811**	**8 998**	**6 223**	**7 310**
Accountants	4 846	131	157	312	311	299	527	710	804	1 260	335	5 966	6 642
Computer specialists	724	5	–	13	14	31	30	86	63	301	181	8 196	8 868
Librarians	2 013	140	150	197	163	104	104	88	148	590	329	6 409	7 661
Mathematical specialists	258	8	5	–	6	18	20	29	35	98	39	7 245	7 934
Life and physical scientists	451	15	23	14	31	40	22	49	48	133	76	6 656	8 039
Registered nurses, dietitians, and therapists	16 029	344	579	1 046	1 199	1 523	1 614	1 618	1 719	5 401	986	6 053	7 317
Dietitians	458	16	45	39	34	53	49	37	40	102	43	4 857	6 028
Registered nurses	14 691	316	488	914	1 078	1 399	1 477	1 493	1 595	5 099	832	6 113	7 333
Health technologists and technicians	2 898	70	98	278	173	307	397	357	350	756	112	5 353	6 399
Social scientists	322	3	5	22	25	21	38	15	12	105	76	7 571	8 322
Social and recreation workers	2 680	87	91	164	183	194	182	216	357	872	334	6 625	7 707
Teachers: College and university	2 937	192	243	315	256	219	160	160	186	583	623	5 522	8 485
Elementary and prekindergarten	19 351	782	694	1 430	1 625	1 027	771	859	2 996	6 610	2 557	6 830	7 821
Secondary	7 221	277	224	440	529	392	292	287	1 041	2 511	1 228	7 154	8 086
Other teachers	2 653	516	399	590	314	219	156	157	57	157	88	1 697	4 063
Engineering and science technicians	1 983	29	75	127	160	151	173	202	241	708	117	6 309	7 593
Technicians, except health, and engineering and science	413	13	25	29	14	35	63	33	66	100	35	5 833	6 518
Writers, artists, and entertainers	4 088	577	470	542	358	297	301	349	354	581	259	3 327	5 826
Actors and dancers	158	21	16	34	6	12	18	6	18	18	9	3 167	...
Authors, editors, and reporters	758	74	50	76	81	62	27	114	55	154	65	5 079	6 333
Other professional, technical, and kindred workers	9 296	470	414	839	711	727	832	756	879	2 045	1 623	5 866	7 173
Managers and administrators, except farm	**18 492**	**828**	**699**	**1 428**	**1 429**	**1 572**	**2 100**	**2 167**	**2 178**	**3 622**	**2 469**	**5 549**	**6 268**
Buyers, purchasing agents, and sales managers	2 205	33	34	114	68	194	359	322	335	494	252	5 933	6 383
Restaurant, cafeteria, and bar managers	1 681	108	84	119	209	225	184	236	124	218	174	4 519	5 431
School administrators	787	51	69	56	79	14	34	39	68	109	268	6 757	8 652
Other specified managers and administrators	5 340	210	223	415	426	466	534	572	602	1 214	678	5 692	6 476
Managers and administrators, n.e.c., salaried	5 886	131	170	454	360	386	687	798	873	1 299	728	5 946	6 533
Wholesale and retail trade	1 956	54	40	138	105	139	282	323	242	432	201	5 681	6 183
Managers and administrators, n.e.c., self-employed	2 593	295	119	270	287	287	302	200	176	288	369	4 127	4 732
Wholesale and retail trade	1 459	157	55	139	160	173	162	102	102	153	256	4 281	4 953
Sales workers	**35 527**	**4 226**	**4 238**	**6 384**	**5 039**	**4 761**	**4 561**	**2 706**	**1 489**	**1 294**	**829**	**2 579**	**4 124**
Demonstrators, hucksters, and peddlers	3 307	915	732	844	381	180	89	76	27	30	33	1 008	1 657
Insurance, real estate agents, and brokers	3 090	188	160	340	264	359	420	370	265	334	390	4 557	5 578
Sales clerks, retail trade	22 701	2 281	2 571	4 148	3 554	3 550	3 462	1 745	765	456	169	2 661	4 050
Salesmen, retail trade	1 021	138	152	150	135	118	70	65	63	80	50	2 522	4 661
Other sales workers	5 408	704	623	902	705	554	520	450	369	394	187	2 674	4 421
Clerical and kindred workers	**167 189**	**9 223**	**9 738**	**18 020**	**16 367**	**19 520**	**26 738**	**26 684**	**20 921**	**17 916**	**2 062**	**4 401**	**5 478**
Bank tellers	4 656	139	189	355	588	839	1 265	936	221	115	9	4 172	4 790
Bookkeepers	21 795	835	894	2 066	1 925	2 732	3 818	3 980	2 871	2 250	424	4 641	5 376
Cashiers	10 928	960	1 057	1 681	1 507	1 432	1 636	1 196	723	700	36	3 181	4 791
Counter clerks, except food	2 482	155	237	390	371	375	345	320	168	98	23	3 235	4 542
Enumerators and interviewers	696	187	128	132	92	45	31	38	14	29	–	1 250	...
File clerks	4 461	371	474	571	405	480	507	470	511	624	48	3 853	5 825
Office machine operators	6 660	257	242	505	611	778	1 213	1 289	890	829	46	4 772	5 594
Bookkeeping and billing machine operators	1 012	47	40	73	126	176	216	194	82	58	–	4 204	4 981
Keypunch operators	3 576	113	121	230	308	397	690	731	518	449	19	4 897	5 675
Payroll and timekeeping clerks	1 206	35	32	63	67	62	156	204	337	242	8	5 922	6 319
Receptionists	6 417	496	530	915	865	1 065	1 151	866	302	197	30	3 378	4 613
Secretaries	39 314	1 466	1 603	3 443	3 283	4 474	6 267	7 196	6 319	4 833	430	4 860	5 706
Stenographers	2 448	85	47	165	190	237	290	427	602	352	53	5 492	6 173
Telephone operators	5 592	265	245	579	528	698	996	1 105	728	401	47	4 483	5 397
Typists	12 471	845	957	1 378	1 352	1 339	2 201	2 035	1 487	782	95	4 166	5 337
Other clerical and kindred workers	48 063	3 127	3 103	5 777	4 583	4 964	6 862	6 622	5 748	6 464	813	4 361	5 626
Craftsmen and kindred workers	**8 048**	**307**	**508**	**657**	**685**	**739**	**959**	**1 006**	**852**	**1 682**	**653**	**5 168**	**6 457**
Foremen, n.e.c.	1 431	7	28	71	85	176	191	248	188	278	159	5 635	6 333
Operatives, except transport	**36 589**	**2 621**	**3 003**	**6 352**	**5 069**	**5 313**	**4 451**	**3 464**	**2 862**	**3 046**	**408**	**3 235**	**5 059**
Assemblers	2 431	92	75	256	253	273	251	456	297	474	4	5 034	6 072
Bottling and canning operatives	691	58	78	259	154	73	42	6	16	5	–	1 809	...
Checkers, examiners, and inspectors; manufacturing	1 256	81	84	147	157	157	110	132	149	215	24	4 018	6 243
Dressmakers and seamstresses, except factory	1 506	227	135	205	185	298	219	116	58	35	28	3 003	3 833
Laundry and drycleaning operatives, including ironers	3 716	249	194	420	595	877	729	318	194	87	53	3 456	4 101
Graders and sorters, manufacturing	794	114	115	227	106	111	63	17	11	30	–	1 740	5 125
Packers and wrappers, except produce	5 222	352	413	832	672	684	657	590	652	348	22	3 500	5 656
Sewers and stitchers	3 843	180	288	416	530	964	809	366	198	83	9	3 526	4 353
Textile operatives	221	18	8	49	23	36	22	65	–	–	–	3 347	5 036
Other specified operatives	8 501	522	917	2 045	1 245	986	742	570	517	801	156	2 616	5 070
Miscellaneous and not specified operatives	8 408	728	696	1 496	1 149	854	807	828	770	968	112	3 158	5 918
Manufacturing	6 238	443	414	1 012	780	661	632	643	688	870	95	3 711	6 236
Durable goods	2 380	111	75	217	221	198	213	288	379	614	64	5 538	6 783
Machinery, including electrical	242	6	5	14	38	28	40	53	53	5	–	4 750	5 721
Other durable goods	2 138	105	70	203	183	170	173	235	326	609	64	5 702	6 969
Nondurable goods, including not specified manufacturing	3 858	332	339	795	559	463	419	355	309	256	31	2 828	5 567
Food and kindred products	2 171	228	288	621	416	272	154	88	43	52	9	1 917	4 458
Apparel and other fabricated textile products	269	12	12	47	28	28	97	24	–	15	6	4 077	4 500
Nonmanufacturing industries	2 170	285	282	484	369	193	175	185	82	98	17	2 092	4 530
Transport equipment operatives	**2 455**	**240**	**230**	**394**	**408**	**353**	**266**	**163**	**86**	**201**	**114**	**2 891**	**6 119**
Laborers, except farm	**4 867**	**773**	**597**	**832**	**616**	**587**	**416**	**296**	**327**	**346**	**77**	**2 376**	**4 474**
Farmers and farm managers	**855**	**263**	**61**	**156**	**94**	**21**	**38**	**39**	**38**	**55**	**90**	**1 663**	**1 716**
Farm laborers and farm foremen	**3 901**	**1 130**	**821**	**1 032**	**400**	**289**	**116**	**39**	**33**	**26**	**15**	**1 000**	**2 614**
Paid farm laborers and farm foremen	3 735	1 041	791	1 026	390	275	116	34	25	22	15	1 035	2 759
Unpaid family workers	166	89	30	6	10	14	–	5	8	4	–	466	...
Service workers, except private household[1]	**86 181**	**11 284**	**9 952**	**15 621**	**12 670**	**13 750**	**9 757**	**6 258**	**3 362**	**2 808**	**719**	**2 492**	**3 976**
Cleaning service workers	8 923	1 490	1 133	1 603	1 121	1 407	1 114	463	395	142	55	2 210	3 625
Chambermaids and maids	2 524	491	304	503	443	441	208	68	40	9	17	1 928	3 322
Food service workers	39 707	5 502	5 164	8 271	6 546	6 527	3 777	2 072	1 017	659	172	2 140	3 736
Cooks, except private household	10 258	692	763	1 867	1 870	2 029	1 330	941	469	228	69	2 966	4 317
Waiters and food counter workers	21 217	3 577	3 336	4 574	3 564	3 283	1 719	640	252	201	71	1 808	3 412
Health service workers	17 055	1 318	1 424	2 669	2 611	3 078	2 704	1 937	658	542	114	3 164	4 271
Nursing aides, orderlies, and attendants	8 547	765	892	1 639	1 578	1 840	885	493	274	166	15	2 619	3 667
Practical nurses	4 306	127	172	404	454	607	994	937	287	245	79	4 391	4 953
Personal service workers	13 919	1 949	1 454	2 018	1 454	1 799	1 454	1 311	1 012	1 205	263	3 047	4 663
Hairdressers and cosmetologists	6 396	475	440	823	805	1 145	842	682	483	516	185	3 572	4 540
Private household workers	**13 074**	**5 970**	**2 650**	**2 747**	**902**	**414**	**187**	**90**	**34**	**80**	–	**607**	**1 371**
Private household workers, living in	884	133	159	330	158	81	11	6	6	–	–	1 455	1 651
Private household workers, living out	12 190	5 837	2 491	2 417	744	333	176	84	28	80	–	552	1 307

[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	**9 690**	**737**	**686**	**1 100**	**1 129**	**1 265**	**1 587**	**1 150**	**784**	**943**	**309**	**3 943**	**4 866**
Professional, technical, and kindred workers	**1 359**	**39**	**43**	**49**	**129**	**147**	**178**	**184**	**129**	**288**	**173**	**5 514**	**6 590**
Accountants	39	–	–	–	4	–	10	4	7	7	7	...	...
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	26	–	–	–	–	12	–	–	4	4	6	...	...
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	13	–	–	–	–	6	–	–	7	–	–	...	...
Registered nurses, dietitians, and therapists	287	3	5	15	12	17	46	71	9	80	29	5 641	5 981
Dietitians	18	–	5	–	–	–	4	–	–	9	–	...	–
Registered nurses	254	3	–	15	12	17	38	71	9	66	23	5 592	5 915
Health technologists and technicians	77	–	–	–	–	14	22	29	7	5	–	...	...
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	142	8	5	–	20	20	14	7	4	34	30	5 571	...
Teachers: College and university	51	–	–	5	10	4	–	5	9	10	8	...	...
Elementary and prekindergarten	235	12	26	–	18	44	19	14	23	55	24	4 921	...
Secondary	120	–	–	6	20	16	–	5	13	27	33	7 000	...
Other teachers	17	–	–	–	–	–	–	7	–	10	–	...	...
Engineering and science technicians	41	–	–	–	–	–	9	13	4	8	7	...	...
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	44	11	–	5	7	–	–	6	11	4	–	...	...
Actors and dancers	15	5	–	–	–	–	–	6	4	–	–	...	...
Authors, editors, and reporters	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	267	5	7	18	38	14	58	23	31	44	29	4 888	6 387
Managers and administrators, except farm	**198**	**10**	**6**	**8**	**29**	**13**	**27**	**33**	**10**	**32**	**30**	**5 182**	**5 340**
Buyers, purchasing agents, and sales managers	38	–	–	–	–	4	–	–	–	22	12	...	...
Restaurant, cafeteria, and bar managers	18	–	–	–	–	4	5	–	–	4	5	...	...
School administrators	31	7	–	–	–	–	–	5	5	6	8	...	...
Other specified managers and administrators	42	3	–	–	14	–	7	8	5	–	5	...	...
Managers and administrators, n.e.c., salaried	48	–	6	–	9	5	13	15	–	–	–	...	...
Wholesale and retail trade	31	–	6	–	–	5	5	15	–	–	–	...	...
Managers and administrators, n.e.c., self-employed	21	–	–	8	6	–	2	5	–	–	–	...	...
Wholesale and retail trade	2	–	–	–	–	–	2	–	–	–	–	...	...
Sales workers	**353**	**27**	**29**	**84**	**66**	**69**	**36**	**26**	**4**	**12**	–	**2 553**	**2 929**
Demonstrators, hucksters, and peddlers	13	–	6	7	–	–	–	–	–	–	–	...	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales clerks, retail trade	246	22	13	65	35	52	24	19	4	12	–	2 657	...
Salesmen, retail trade	10	5	–	–	–	5	–	–	–	–	–	...	...
Other sales workers	84	–	10	12	31	12	12	7	–	–	–	...	...
Clerical and kindred workers	**2 572**	**165**	**166**	**279**	**247**	**283**	**463**	**356**	**302**	**278**	**33**	**4 315**	**5 342**
Bank tellers	50	4	–	5	13	11	10	7	–	–	–	...	...
Bookkeepers	68	5	–	6	10	10	5	15	17	–	–	...	...
Cashiers	136	13	19	3	21	15	16	33	11	5	–	3 800	...
Counter clerks, except food	15	–	–	–	4	3	–	8	–	–	–	...	...
Enumerators and interviewers	19	–	–	–	12	–	–	–	–	7	–	...	...
File clerks	152	16	20	36	–	4	20	27	24	5	–	4 000	...
Office machine operators	176	5	14	25	14	10	47	39	5	13	4	4 426	4 917
Bookkeeping and billing machine operators	32	–	5	–	7	5	15	–	–	–	–	...	...
Keypunch operators	112	5	9	15	7	5	32	26	5	4	4	4 469	...
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	90	–	–	17	29	29	11	–	4	–	–	...	...
Secretaries	343	31	27	30	52	19	70	47	50	17	–	4 179	5 298
Stenographers	25	–	4	–	4	–	7	–	10	–	–	...	...
Telephone operators	184	4	7	42	17	18	31	37	19	9	–	4 129	...
Typists	293	28	15	31	17	41	70	25	33	33	–	4 207	5 050
Other clerical and kindred workers	1 021	59	60	84	54	123	176	118	129	189	29	4 741	5 945
Craftsmen and kindred workers	**227**	**9**	**10**	–	**25**	**3**	**32**	**23**	**48**	**58**	**19**	**6 240**	**6 750**
Foremen, n.e.c	26	–	–	–	–	–	5	–	17	4	–	...	...
Operatives, except transport	**1 299**	**62**	**39**	**91**	**187**	**207**	**254**	**154**	**110**	**174**	**21**	**4 250**	**4 903**
Assemblers	70	–	–	–	–	–	27	15	5	23	–	...	...
Bottling and canning operatives	4	–	–	–	–	4	–	–	–	–	–	...	–
Checkers, examiners, and inspectors, manufacturing	22	7	–	–	–	–	–	6	5	4	–	...	...
Dressmakers and seamstresses, except factory	15	–	–	–	4	5	6	–	–	–	–	...	–
Laundry and drycleaning operatives, including ironers	377	18	–	24	42	97	82	61	16	37	–	4 091	4 494
Graders and sorters, manufacturing	16	–	–	–	–	9	–	–	7	–	–	...	...
Packers and wrappers, except produce	50	–	11	11	4	6	9	–	4	5	–	...	...
Sewers and stitchers	114	4	–	11	20	32	35	4	8	–	–	3 688	...
Textile operatives	4	–	–	–	4	–	–	–	–	–	–	...	–
Other specified operatives	366	11	19	23	74	35	62	24	36	73	9	4 339	4 722
Miscellaneous and not specified operatives	261	22	9	22	39	19	33	44	29	32	12	4 591	...
Manufacturing	229	22	9	16	34	19	27	40	22	28	12	4 537	...
Durable goods	132	5	5	4	11	9	17	34	22	18	7	5 441	...
Machinery, including electrical	20	–	–	–	11	5	–	4	–	–	–	...	–
Other durable goods	112	5	5	4	–	4	17	30	22	18	7	5 700	...
Nondurable goods, including not specified manufacturing	97	17	4	12	23	10	10	6	–	10	5	...	...
Food and kindred products	38	10	–	6	18	4	–	–	–	–	–	...	...
Apparel and other fabricated textile products	16	7	4	–	5	–	–	–	–	–	–	...	–
Nonmanufacturing industries	32	–	–	6	5	–	6	4	7	4	–	...	...
Transport equipment operatives	**18**	–	**9**	–	**3**	**6**	–	–	–	–	–	...	...
Laborers, except farm	**152**	**35**	**32**	**27**	**11**	**12**	**19**	**12**	**4**	–	–	**1 333**	...
Farmers and farm managers	**20**	–	**10**	**5**	–	–	**5**	–	–	–	–	...	...
Farm laborers and farm foremen	**16**	**2**	**3**	–	–	**11**	–	–	–	–	–	...	–
Paid farm laborers and farm foremen	16	2	3	–	–	11	–	–	–	–	–	...	–
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**2 762**	**244**	**235**	**328**	**320**	**453**	**540**	**362**	**163**	**84**	**33**	**3 561**	**4 439**
Cleaning service workers	637	24	20	81	93	119	142	80	53	25	–	3 845	4 347
Chambermaids and maids	155	12	–	18	36	49	18	10	7	5	–	3 235	...
Food service workers	522	59	53	71	60	90	85	51	41	6	6	3 200	4 485
Cooks, except private household	192	27	15	8	12	46	24	31	23	–	6	3 739	4 875
Waiters and food counter workers	225	21	26	47	33	38	26	17	11	6	–	2 561	...
Health service workers	843	45	54	72	85	134	214	153	49	23	14	4 147	4 625
Nursing aides, orderlies, and attendants	404	28	41	39	68	93	83	26	20	6	–	3 280	3 942
Practical nurses	334	11	8	22	17	24	97	95	29	17	14	4 876	5 250
Personal service workers	423	48	68	62	27	74	56	42	8	25	13	3 088	4 232
Hairdressers and cosmetologists	130	–	21	30	17	27	5	11	5	5	9	2 824	...
Private household workers	**714**	**144**	**104**	**229**	**112**	**61**	**33**	–	**14**	**17**	–	**1 476**	**2 046**
Private household workers, living in	8	–	–	8	–	–	–	–	–	–	–	...	...
Private household workers, living out	706	144	104	221	112	61	33	–	14	17	–	1 475	2 099

[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													
Persons of Spanish Language													
Experienced civilian labor force	6 880	908	805	1 158	845	762	674	723	400	484	121	2 673	5 056
Professional, technical, and kindred workers	844	46	59	68	86	77	90	95	98	171	54	4 956	6 214
Accountants	39	–	–	–	–	–	12	–	–	16	11	...	...
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	–	–	–	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	19	–	–	–	4	–	–	8	7	–	–	...	...
Registered nurses, dietitians, and therapists	119	7	27	–	–	4	13	10	14	32	12	5 850	...
Dietitians	4	–	–	–	–	4	–	–	–	–	–	...	...
Registered nurses	108	7	27	–	–	–	13	10	14	32	5	5 700	...
Health technologists and technicians	53	–	–	–	–	8	13	12	8	6	6	...	...
Social scientists	6	–	–	–	–	–	–	–	–	6	–	...	...
Social and recreation workers	50	–	2	7	–	–	6	9	12	14	–	...	...
Teachers: College and university	54	–	–	15	–	6	–	12	–	21	–	...	...
Elementary and prekindergarten	239	19	7	17	57	30	7	7	31	51	13	3 650	...
Secondary	59	6	9	–	6	–	–	–	7	25	6	...	...
Other teachers	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineering and science technicians	28	–	14	–	7	–	7	–	–	–	–	...	...
Technicians, except health, and engineering and science	6	–	–	6	–	–	–	–	–	–	–	...	–
Writers, artists, and entertainers	53	14	–	–	6	–	6	8	19	–	–	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	119	–	–	23	6	29	26	29	–	–	6	4 058	...
Managers and administrators, except farm	144	29	–	14	–	5	12	11	15	35	23	6 067	...
Buyers, purchasing agents, and sales managers	5	–	–	–	–	–	–	5	–	–	–	...	...
Restaurant, cafeteria, and bar managers	23	7	–	–	–	5	–	–	–	–	11	...	...
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	46	12	–	7	–	–	7	6	–	14	–	...	...
Managers and administrators, n.e.c., salaried	60	5	–	7	–	–	–	–	15	21	12	...	...
Wholesale and retail trade	19	5	–	7	–	–	–	–	7	–	–	...	...
Managers and administrators, n.e.c., self-employed	10	5	–	–	–	–	5	–	–	–	–	...	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales workers	409	70	97	53	59	33	40	30	–	9	18	1 708	4 500
Demonstrators, hucksters, and peddlers	38	14	14	–	10	–	–	–	–	–	–	...	–
Insurance, real estate agents, and brokers	47	–	–	6	8	–	5	7	–	9	12	...	...
Sales clerks, retail trade	261	45	71	29	35	33	27	15	–	–	6	1 500	...
Salesmen, retail trade	5	–	5	–	–	–	–	–	–	–	–	...	–
Other sales workers	58	11	7	18	6	–	8	8	–	–	–	...	...
Clerical and kindred workers	2 041	127	125	305	219	239	289	432	164	141	–	4 019	5 345
Bank tellers	86	–	7	14	7	19	26	13	–	–	–	...	...
Bookkeepers	205	6	9	17	13	27	29	59	32	13	–	5 025	5 197
Cashiers	86	–	12	15	25	12	13	–	–	9	–	...	...
Counter clerks, except food	28	–	16	–	–	–	–	5	7	–	–	...	...
Enumerators and interviewers	13	–	–	–	–	7	–	–	–	6	–	...	...
File clerks	76	7	8	25	8	–	–	7	6	15	–	...	...
Office machine operators	106	7	–	35	5	8	21	23	7	–	–	3 750	...
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–	–
Keypunch operators	67	–	–	17	5	8	14	16	7	–	–	...	...
Payroll and timekeeping clerks	6	–	–	–	–	–	–	6	–	–	–	...	...
Receptionists	104	6	15	5	30	14	15	19	–	–	–	2 867	...
Secretaries	489	14	7	54	51	71	84	116	45	47	–	4 565	5 290
Stenographers	23	–	–	7	–	–	–	8	8	–	–	...	...
Telephone operators	55	5	6	7	5	–	–	26	6	–	–	...	...
Typists	190	14	12	29	19	18	24	62	6	6	–	4 125	5 266
Other clerical and kindred workers	574	68	33	97	56	63	77	88	47	45	–	3 524	5 540
Craftsmen and kindred workers	84	9	6	–	16	14	7	–	11	12	9	...	...
Foremen, n.e.c	5	–	–	–	–	–	–	–	5	–	–	...	...
Operatives, except transport	1 107	121	208	229	149	133	109	63	30	54	11	1 980	4 468
Assemblers	17	–	7	–	–	10	–	–	–	–	–	...	...
Bottling and canning operatives	8	–	–	8	–	–	–	–	–	–	–	...	–
Checkers, examiners, and inspectors, manufacturing	50	6	–	15	21	8	–	–	–	–	–	...	...
Dressmakers and seamstresses, except factory	20	7	–	7	–	–	–	–	–	6	–	...	...
Laundry and drycleaning operatives, including ironers	94	–	–	16	29	5	31	6	7	–	–	...	...
Graders and sorters, manufacturing	55	7	26	16	–	–	6	–	–	–	–	...	...
Packers and wrappers, except produce	158	6	33	27	12	30	15	12	–	23	–	3 033	...
Sewers and stitchers	187	23	27	33	19	38	25	17	5	–	–	2 553	...
Textile operatives	8	–	–	–	8	–	–	–	–	–	–	...	–
Other specified operatives	139	30	17	33	10	13	6	7	13	6	4	1 682	...
Miscellaneous and not specified operatives	371	42	98	74	50	29	26	21	5	19	7	1 615	...
Manufacturing	358	42	98	61	50	29	26	21	5	19	7	1 639	...
Durable goods	50	–	–	7	17	–	–	7	–	12	7	...	...
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	50	–	–	7	17	–	–	7	–	12	7	...	...
Nondurable goods, including not specified manufacturing	308	42	98	54	33	29	26	14	5	7	–	1 259	...
Food and kindred products	282	42	98	54	33	29	13	8	5	–	–	1 019	...
Apparel and other fabricated textile products	15	–	–	–	–	–	8	–	–	7	–	...	...
Nonmanufacturing industries	13	–	–	13	–	–	–	–	–	–	–	...	–
Transport equipment operatives	16	–	6	–	–	–	10	–	–	–	–	...	–
Laborers, except farm	150	48	36	22	5	15	4	8	12	–	–	875	...
Farmers and farm managers	22	5	–	17	–	–	–	–	–	–	–	...	...
Farm laborers and farm foremen	574	196	153	126	58	34	7	–	–	–	–	797	...
Paid farm laborers and farm foremen	565	196	153	126	58	25	7	–	–	–	–	783	...
Unpaid family workers	9	–	–	–	–	9	–	–	–	–	–	...	–
Service workers, except private household[1]	1 322	160	115	294	227	205	106	84	70	55	6	2 405	4 212
Cleaning service workers	139	24	–	15	55	35	4	–	6	–	–	2 555	...
Chambermaids and maids	31	5	–	–	18	8	–	–	–	–	–	...	...
Food service workers	509	94	33	117	94	63	44	38	6	14	6	2 112	4 081
Cooks, except private household	97	7	–	18	32	15	7	11	–	7	–	...	...
Waiters and food counter workers	317	62	19	75	57	34	37	21	6	–	6	2 044	3 794
Health service workers	332	29	30	84	33	74	37	21	17	7	–	2 697	4 338
Nursing aides, orderlies, and attendants	203	29	23	55	24	48	11	6	7	–	–	1 900	...
Practical nurses	62	–	–	15	–	26	14	–	–	7	–	...	...
Personal service workers	246	–	11	67	29	33	21	20	31	34	–	3 485	5 769
Hairdressers and cosmetologists	122	–	–	20	7	27	6	7	31	24	–	5 143	...
Private household workers	167	97	–	30	26	7	–	–	–	7	–	430	...
Private household workers, living in	19	7	–	5	–	7	–	–	–	–	–	...	...
Private household workers, living out	148	90	–	25	26	–	–	–	–	7	–	411	...

[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
PORTLAND, OREG.–WASH., SMSA													
Total													
Experienced civilian labor force	154 164	12 502	11 497	20 239	16 680	20 317	22 025	17 811	13 064	15 334	4 695	3 796	5 054
Professional, technical, and kindred workers	24 313	1 107	1 027	2 222	1 935	1 843	1 801	1 969	2 952	7 061	2 396	6 086	7 017
Accountants	1 336	64	29	114	83	113	149	198	232	270	84	5 586	6 443
Computer specialists	169	4	–	13	15	6	7	40	16	52	16	5 988	...
Librarians	543	44	47	86	36	30	61	33	36	102	68	4 467	7 027
Mathematical specialists	31	–	–	–	–	–	5	–	5	16	5	...	...
Life and physical scientists	177	5	8	9	–	11	19	32	9	60	24	6 500	7 245
Registered nurses, dietitians, and therapists	5 321	86	118	326	358	481	551	605	575	1 890	331	6 236	7 415
Dietitians	180	4	–	23	11	23	8	22	8	52	29	5 955	7 144
Registered nurses	4 878	77	102	281	331	450	533	553	531	1 748	272	6 211	7 392
Health technologists and technicians	1 219	40	38	108	129	155	103	151	139	326	30	5 242	6 410
Social scientists	94	–	–	–	8	6	8	8	–	28	36	...	...
Social and recreation workers	834	27	5	73	38	73	110	34	86	324	64	6 663	7 763
Teachers: College and university	791	53	41	35	60	63	48	54	44	178	215	6 943	8 322
Elementary and prekindergarten	6 045	217	267	580	561	369	211	279	877	2 068	616	6 614	7 229
Secondary	2 307	97	68	153	215	142	94	79	390	724	345	6 783	7 183
Other teachers	894	155	141	176	98	81	69	46	18	77	33	1 858	4 526
Engineering and science technicians	503	13	–	26	31	–	30	81	130	163	29	6 542	6 882
Technicians, except health, and engineering and science	65	–	–	15	5	–	26	9	–	10	–	...	...
Writers, artists, and entertainers	1 216	145	122	193	139	73	123	98	88	153	82	3 123	5 366
Actors and dancers	58	5	12	7	14	12	4	–	–	–	4	...	...
Authors, editors, and reporters	229	20	10	41	26	5	4	15	36	56	16	5 567	6 173
Other professional, technical, and kindred workers	2 768	157	143	315	159	240	187	222	307	620	418	5 824	6 834
Managers and administrators, except farm	6 304	326	268	460	446	689	660	787	769	1 070	829	5 385	6 116
Buyers, purchasing agents, and sales managers	655	12	15	26	23	67	97	83	114	133	85	6 039	6 445
Restaurant, cafeteria, and bar managers	645	70	12	37	74	110	103	69	72	35	63	4 189	5 519
School administrators	312	5	11	49	20	23	9	16	–	50	129	8 380	8 839
Other specified managers and administrators	1 750	94	110	160	135	161	189	214	186	328	173	5 121	5 803
Managers and administrators, n.e.c., salaried	2 285	57	97	147	120	239	213	328	353	462	269	5 822	6 386
Wholesale and retail trade	737	24	28	40	19	85	73	136	98	154	80	5 732	6 070
Managers and administrators, n.e.c., self-employed	657	88	23	41	74	89	49	77	44	62	110	4 276	5 143
Wholesale and retail trade	384	65	12	32	34	48	39	38	22	37	57	4 026	4 875
Sales workers	11 598	1 366	1 495	2 143	1 555	1 937	1 406	687	366	408	235	2 511	3 881
Demonstrators, hucksters, and peddlers	1 110	307	256	240	136	75	41	36	5	9	5	984	1 469
Insurance, real estate agents, and brokers	978	62	49	139	81	84	119	149	86	104	105	4 622	5 566
Sales clerks, retail trade	7 272	707	937	1 396	1 112	1 453	994	310	161	141	61	2 536	3 691
Salesmen, retail trade	300	54	32	45	16	47	26	36	17	16	11	3 064	4 469
Other sales workers	1 938	236	221	323	210	278	226	156	97	138	53	2 900	4 544
Clerical and kindred workers	58 893	3 254	3 313	6 702	5 635	7 782	10 601	9 852	6 302	4 780	672	4 260	5 239
Bank tellers	1 289	39	59	126	200	195	402	211	27	25	5	4 063	4 630
Bookkeepers	7 457	254	194	718	593	909	1 467	1 430	924	836	132	4 723	5 365
Cashiers	3 166	338	333	481	382	383	414	310	217	275	33	3 128	4 789
Counter clerks, except food	921	71	79	143	81	242	141	80	54	25	5	3 357	4 115
Enumerators and interviewers	268	78	67	40	25	17	10	20	–	6	5	918	...
File clerks	1 606	200	202	330	187	208	176	147	83	52	21	2 380	4 703
Office machine operators	2 753	139	93	252	324	353	586	521	294	165	26	4 368	5 185
Bookkeeping and billing machine operators	412	24	6	46	74	43	75	80	32	27	5	4 173	5 091
Keypunch operators	1 589	79	58	132	197	210	346	324	156	81	6	4 342	5 173
Payroll and timekeeping clerks	560	5	21	34	27	48	83	111	89	125	17	5 559	6 101
Receptionists	1 984	132	152	261	229	348	475	257	82	32	16	3 626	4 477
Secretaries	15 220	575	635	1 440	1 296	1 840	2 809	2 908	2 137	1 449	131	4 649	5 450
Stenographers	919	14	17	62	46	94	118	178	222	148	20	5 610	6 078
Telephone operators	2 232	81	102	356	251	336	397	372	191	128	18	3 970	5 135
Typists	4 041	272	310	485	376	666	736	635	342	184	35	3 867	5 075
Other clerical and kindred workers	16 477	1 056	1 049	1 974	1 618	2 143	2 787	2 672	1 640	1 330	208	4 143	5 221
Craftsmen and kindred workers	2 727	124	102	256	225	289	444	412	267	478	130	4 828	5 562
Foremen, n.e.c	690	7	9	11	45	96	124	119	105	153	21	5 445	5 913
Operatives, except transport	15 639	886	937	2 203	1 930	2 608	2 904	2 111	1 276	680	104	3 715	4 815
Assemblers	2 587	103	125	273	286	309	607	467	261	137	19	4 325	5 098
Bottling and canning operatives	237	16	22	119	49	6	20	–	–	–	5	1 676	...
Checkers, examiners, and inspectors; manufacturing	970	23	59	77	88	98	144	154	182	145	–	4 972	6 009
Dressmakers and seamstresses, except factory	366	48	48	81	46	65	46	17	15	–	–	2 130	3 797
Laundry and drycleaning operatives, including ironers	1 299	40	73	209	172	423	279	79	5	19	–	3 368	3 868
Graders and sorters, manufacturing	157	32	11	51	21	5	19	8	5	–	5	1 696	...
Packers and wrappers, except produce	1 796	142	98	283	227	246	251	251	224	63	11	3 602	5 256
Sewers and stitchers	2 284	123	135	263	353	559	497	212	119	17	6	3 479	4 244
Textile operatives	252	10	5	43	22	53	46	67	–	–	6	3 868	4 780
Other specified operatives	2 304	168	140	273	309	310	478	318	168	118	22	3 845	4 767
Miscellaneous and not specified operatives	3 387	181	221	531	357	534	517	538	297	181	30	3 756	5 280
Manufacturing	2 877	136	193	438	271	428	472	483	278	148	30	3 936	5 365
Durable goods	1 433	71	96	143	129	246	254	255	149	84	6	4 124	5 429
Machinery, including electrical	795	33	46	75	78	96	133	156	116	56	6	4 523	5 805
Other durable goods	638	38	50	68	51	150	121	99	33	28	–	3 747	4 920
Nondurable goods, including not specified manufacturing	1 444	65	97	295	142	182	218	228	129	64	24	3 676	5 301
Food and kindred products	422	33	37	131	63	46	47	17	22	13	13	2 159	...
Apparel and other fabricated textile products	343	5	8	58	43	70	67	60	11	10	11	3 821	5 009
Nonmanufacturing industries	510	45	28	93	86	106	45	55	19	33	–	3 028	4 288
Transport equipment operatives	782	59	67	119	164	102	82	57	32	78	22	2 890	5 721
Laborers, except farm	1 656	232	138	302	144	291	186	145	78	109	31	3 041	4 497
Farmers and farm managers	297	138	15	38	4	39	18	19	11	10	5	850	1 056
Farm laborers and farm foremen	890	264	157	245	71	95	30	5	4	8	11	1 098	3 284
Paid farm laborers and farm foremen	838	220	157	245	67	91	30	5	4	8	11	1 171	3 284
Unpaid family workers	52	44	–	–	4	4	–	–	–	–	–	...	–
Service workers, except private household[1]	27 302	3 279	3 063	4 774	4 181	4 537	3 833	1 746	999	639	251	2 606	4 030
Cleaning service workers	3 220	393	359	574	463	538	576	194	94	26	3	2 613	3 887
Chambermaids and maids	954	124	104	188	177	210	119	18	11	–	3	2 345	3 359
Food service workers	11 597	1 539	1 501	2 361	1 989	1 930	1 243	531	293	150	60	2 200	3 765
Cooks, except private household	2 781	216	182	513	502	573	394	187	144	45	25	2 955	4 113
Waiters and food counter workers	5 927	916	959	1 251	1 074	884	551	159	71	41	21	1 870	3 479
Health service workers	6 253	555	546	854	842	1 119	1 240	617	298	127	55	3 294	4 335
Nursing aides, orderlies, and attendants	3 316	277	391	529	538	596	635	217	91	26	16	2 857	4 042
Practical nurses	1 263	50	22	107	124	246	213	267	142	78	14	4 387	5 193
Personal service workers	3 854	576	376	594	532	547	484	252	204	195	94	2 716	4 125
Hairdressers and cosmetologists	1 940	161	80	245	312	361	274	183	133	116	75	3 476	4 219
Private household workers	3 763	1 467	915	775	390	105	60	21	8	13	9	727	1 565
Private household workers, living in	386	56	70	122	83	41	14	–	–	–	–	1 549	1 660
Private household workers, living out	3 377	1 411	845	653	307	64	46	21	8	13	9	664	1 541

[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
SEATTLE–EVERETT SMSA													
Total													
Experienced civilian labor force	**213 799**	**15 276**	**13 723**	**24 575**	**21 246**	**22 136**	**26 154**	**26 453**	**24 167**	**30 912**	**9 157**	**4 380**	**5 806**
Professional, technical, and kindred workers	**38 335**	**1 554**	**1 670**	**2 952**	**2 830**	**2 687**	**2 824**	**3 012**	**4 631**	**11 167**	**5 008**	**6 354**	**7 539**
Accountants	2 650	49	71	164	184	165	259	330	416	822	190	6 248	7 014
Computer specialists	564	5	–	9	9	16	30	39	58	235	163	8 481	9 149
Librarians	794	11	40	58	92	29	40	29	68	288	139	7 313	7 892
Mathematical specialists	190	8	–	–	6	18	16	18	16	76	32	7 513	8 303
Life and physical scientists	217	5	4	5	13	20	–	25	16	92	37	7 668	8 576
Registered nurses, dietitians, and therapists	7 781	152	269	458	586	636	723	793	813	2 837	514	6 336	7 523
Dietitians	270	–	29	21	17	25	25	27	9	80	37	5 667	7 613
Registered nurses	7 030	152	223	377	532	573	656	709	758	2 633	417	6 387	7 523
Health technologists and technicians	1 479	31	36	128	72	165	205	175	179	407	81	5 586	6 649
Social scientists	198	3	5	16	13	15	21	10	7	63	45	7 429	8 154
Social and recreation workers	1 243	26	51	81	112	109	81	100	139	354	190	6 442	7 901
Teachers: College and university	1 526	51	91	140	97	158	121	75	99	362	332	6 303	8 395
Elementary and prekindergarten	8 516	329	328	653	694	474	396	444	1 376	2 513	1 309	6 683	7 809
Secondary	3 136	100	96	222	242	202	115	160	442	943	614	6 975	7 947
Other teachers	1 173	245	195	255	99	86	93	70	37	45	48	1 575	4 485
Engineering and science technicians	1 176	4	43	58	81	49	72	119	152	508	90	7 059	8 035
Technicians, except health, and engineering and science	195	6	–	14	11	15	18	–	37	71	23	6 905	7 773
Writers, artists, and entertainers	2 494	311	227	273	168	175	210	255	267	428	180	4 443	6 415
Actors and dancers	126	16	12	25	–	12	14	6	14	18	9	3 833	...
Authors, editors, and reporters	421	47	18	37	42	30	16	74	25	100	32	5 277	6 750
Other professional, technical, and kindred workers	5 003	218	214	418	351	355	424	370	509	1 123	1 021	6 298	7 624
Managers and administrators, except farm	**8 191**	**325**	**235**	**586**	**640**	**599**	**725**	**982**	**1 045**	**1 803**	**1 251**	**6 003**	**6 688**
Buyers, purchasing agents, and sales managers	1 083	5	18	46	32	58	105	168	206	298	147	6 532	6 863
Restaurant, cafeteria, and bar managers	692	45	37	35	61	80	96	100	58	102	78	4 917	5 724
School administrators	360	16	21	25	49	14	24	32	36	47	96	5 969	6 963
Other specified managers and administrators	2 560	121	86	198	232	184	208	264	297	609	361	5 951	6 772
Managers and administrators, n.e.c., salaried	2 620	68	50	178	149	149	195	340	406	674	411	6 446	7 012
Wholesale and retail trade	698	34	4	49	36	49	68	100	102	169	87	6 088	6 718
Managers and administrators, n.e.c., self-employed	876	70	23	104	117	114	97	78	42	73	158	4 103	4 573
Wholesale and retail trade	518	29	6	58	74	86	49	45	21	41	109	4 122	4 643
Sales workers	**16 964**	**1 690**	**1 806**	**2 907**	**2 145**	**2 099**	**2 366**	**1 679**	**952**	**862**	**458**	**2 969**	**4 553**
Demonstrators, hucksters, and peddlers	1 209	313	256	294	154	69	54	37	16	12	4	1 121	1 788
Insurance, real estate agents, and brokers	1 757	95	68	213	125	179	273	219	171	196	218	4 727	5 766
Sales clerks, retail trade	10 876	967	1 210	1 962	1 477	1 522	1 735	1 104	485	326	88	2 879	4 373
Salesmen, retail trade	460	86	47	53	52	56	22	45	27	45	27	2 846	5 756
Other sales workers	2 662	229	225	385	337	273	282	274	253	283	121	3 568	5 152
Clerical and kindred workers	**87 914**	**4 014**	**4 369**	**8 695**	**8 191**	**8 789**	**12 688**	**14 846**	**12 969**	**11 970**	**1 383**	**4 780**	**5 855**
Bank tellers	2 181	66	77	212	298	418	491	453	124	38	4	4 040	4 980
Bookkeepers	9 874	273	270	758	713	1 003	1 530	2 000	1 679	1 356	292	5 195	5 838
Cashiers	5 220	445	508	746	652	667	703	649	397	417	36	3 388	5 234
Counter clerks, except food	1 421	41	137	208	229	164	184	236	110	93	19	3 582	5 165
Enumerators and interviewers	286	56	42	44	43	29	10	23	14	25	–	2 023	...
File clerks	2 944	196	343	361	285	279	305	309	349	491	26	4 026	6 135
Office machine operators	3 939	150	115	310	365	375	595	790	606	603	30	5 075	5 896
Bookkeeping and billing machine operators	646	26	29	56	59	85	134	144	73	40	–	4 507	5 280
Keypunch operators	1 920	60	60	105	192	172	297	395	331	293	15	5 187	5 999
Payroll and timekeeping clerks	683	31	18	29	31	46	65	103	209	147	4	6 089	6 474
Receptionists	3 023	209	173	457	405	468	531	441	197	123	19	3 572	4 927
Secretaries	20 900	627	723	1 667	1 702	1 850	3 012	4 013	3 946	3 090	270	5 217	6 044
Stenographers	1 199	39	15	90	93	90	150	165	310	223	24	5 742	6 354
Telephone operators	2 841	116	139	335	270	319	525	535	333	237	32	4 460	5 506
Typists	6 687	350	403	698	731	711	1 084	1 118	951	577	64	4 416	5 580
Other clerical and kindred workers	26 716	1 415	1 406	2 780	2 374	2 370	3 503	4 011	3 744	4 550	563	4 860	6 054
Craftsmen and kindred workers	**4 237**	**107**	**176**	**268**	**260**	**274**	**464**	**592**	**594**	**1 154**	**348**	**5 962**	**6 932**
Foremen, n.e.c.	639	–	3	20	29	39	76	131	107	150	84	6 201	6 652
Operatives, except transport	**15 150**	**835**	**814**	**1 600**	**1 458**	**1 905**	**2 171**	**2 080**	**1 989**	**2 059**	**239**	**4 444**	**5 853**
Assemblers	1 655	46	54	126	127	148	157	353	268	372	4	5 480	6 376
Bottling and canning operatives	98	11	4	19	10	20	13	–	16	5	–	...	...
Checkers, examiners, and inspectors; manufacturing	653	22	22	59	34	69	48	91	105	179	24	5 797	6 716
Dressmakers and seamstresses, except factory	591	78	40	69	66	93	116	92	25	3	9	3 457	4 568
Laundry and drycleaning operatives, including ironers	1 671	108	89	157	195	348	388	190	122	50	24	3 823	4 522
Graders and sorters, manufacturing	84	8	10	10	6	16	11	5	7	11	–	...	...
Packers and wrappers, except produce	2 189	140	132	219	189	207	272	326	451	231	22	4 763	6 243
Sewers and stitchers	1 963	83	123	219	249	402	456	226	133	63	9	3 765	4 700
Textile operatives	57	13	–	20	4	3	–	17	–	–	–	...	...
Other specified operatives	2 692	130	166	351	265	279	338	293	332	452	86	4 459	5 866
Miscellaneous and not specified operatives	3 497	196	174	351	313	320	372	487	530	693	61	5 046	6 482
Manufacturing	2 799	133	101	237	235	249	292	364	480	651	57	5 419	6 684
Durable goods	1 560	64	30	73	107	95	112	193	322	512	52	6 329	7 153
Machinery, including electrical	174	–	5	5	33	24	28	38	36	5	–	4 714	...
Other durable goods	1 386	64	25	68	74	71	84	155	286	507	52	6 531	7 396
Nondurable goods, including not specified manufacturing	1 239	69	71	164	128	154	180	171	158	139	5	4 186	5 813
Food and kindred products	403	36	43	79	47	51	63	32	33	19	–	2 926	5 463
Apparel and other fabricated textile products	118	7	8	19	9	18	47	–	–	10	–	3 889	...
Nonmanufacturing industries	698	63	73	114	78	71	80	123	50	42	4	3 296	5 277
Transport equipment operatives	**1 100**	**110**	**77**	**129**	**158**	**192**	**157**	**92**	**51**	**73**	**61**	**3 396**	**6 110**
Laborers, except farm	**1 756**	**219**	**190**	**275**	**172**	**189**	**154**	**157**	**184**	**196**	**20**	**3 116**	**5 366**
Farmers and farm managers	**127**	**34**	**13**	**9**	**5**	**–**	**5**	**9**	**22**	**14**	**16**	**4 500**	**5 875**
Farm laborers and farm foremen	**449**	**148**	**56**	**75**	**73**	**47**	**18**	**8**	**14**	**5**	**5**	**1 273**	**2 842**
Paid farm laborers and farm foremen	413	130	51	75	68	47	18	8	6	5	5	1 340	2 842
Unpaid family workers	36	18	5	–	5	–	–	–	8	–	–	...	...
Service workers, except private household[1]	**34 835**	**4 233**	**3 466**	**5 980**	**4 882**	**5 184**	**4 485**	**2 965**	**1 687**	**1 583**	**368**	**2 766**	**4 357**
Cleaning service workers	3 518	480	302	554	381	528	674	236	245	90	28	3 080	4 225
Chambermaids and maids	882	130	50	142	193	186	122	33	17	9	–	2 617	3 559
Food service workers	15 583	2 147	1 722	3 080	2 534	2 507	1 724	952	488	356	73	2 332	4 021
Cooks, except private household	3 357	179	209	515	611	614	481	374	221	125	28	3 268	4 768
Waiters and food counter workers	8 985	1 444	1 155	1 795	1 563	1 485	897	350	152	112	32	2 063	3 579
Health service workers	6 619	547	590	1 141	972	1 061	1 041	858	185	172	52	3 056	4 345
Nursing aides, orderlies, and attendants	3 003	310	352	626	538	627	321	141	47	35	6	2 397	3 565
Practical nurses	1 559	50	66	168	137	212	321	432	78	58	37	4 456	5 101
Personal service workers	6 529	704	599	819	612	758	725	719	626	816	151	3 700	5 394
Hairdressers and cosmetologists	2 739	139	177	342	305	473	362	302	249	290	100	3 859	5 126
Private household workers	**4 741**	**2 007**	**851**	**1 099**	**432**	**169**	**97**	**31**	**29**	**26**	**–**	**714**	**1 683**
Private household workers, living in	446	83	67	132	105	44	3	6	6	–	–	1 553	1 896
Private household workers, living out	4 295	1 924	784	967	327	125	94	25	23	26	–	643	1 630

[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
SEATTLE-EVERETT SMSA—Continued													
Negro													
Experienced civilian labor force	**6 799**	**485**	**391**	**737**	**727**	**843**	**1 151**	**894**	**610**	**751**	**210**	**4 188**	**5 027**
Professional, technical, and kindred workers	**912**	**36**	**26**	**28**	**77**	**69**	**114**	**144**	**80**	**227**	**111**	**5 736**	**6 893**
Accountants	29	–	–	–	4	–	–	4	7	7	7	...	...
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	14	–	–	–	–	6	–	–	4	4	–	...	...
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	218	3	5	9	6	4	35	58	5	70	23	5 810	7 317
Dietitians	18	–	5	–	–	–	4	–	–	9	–	...	–
Registered nurses	185	3	–	9	6	4	27	58	5	56	17	5 750	7 128
Health technologists and technicians	51	–	–	–	–	5	22	19	–	5	–	...	...
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	101	5	–	–	16	16	14	7	–	17	26	4 964	...
Teachers: College and university	46	–	–	5	5	4	–	5	9	10	8	...	...
Elementary and prekindergarten	142	12	14	–	9	26	5	9	12	43	12	5 556	...
Secondary	50	–	–	–	11	–	–	5	9	14	11	...	...
Other teachers	12	–	–	–	–	–	–	7	–	5	–	...	...
Engineering and science technicians	30	–	–	–	–	–	5	13	4	8	–	...	...
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	30	11	–	5	–	–	–	6	4	4	–	...	...
Actors and dancers	15	5	–	–	–	–	–	6	4	–	–	...	...
Authors, editors, and reporters	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	189	5	7	9	26	8	33	11	26	40	24	5 591	6 519
Managers and administrators, except farm	**144**	**7**	**–**	**8**	**18**	**8**	**15**	**28**	**10**	**20**	**30**	**5 571**	...
Buyers, purchasing agents, and sales managers	26	–	–	–	–	4	–	–	–	10	12	...	...
Restaurant, cafeteria, and bar managers	18	–	–	–	–	4	5	–	–	4	5	...	...
School administrators	31	7	–	–	–	–	–	5	5	6	8	...	...
Other specified managers and administrators	21	–	–	–	3	–	–	8	5	–	5	...	...
Managers and administrators, n.e.c., salaried	27	–	–	–	9	–	8	10	–	–	–	...	...
Wholesale and retail trade	10	–	–	–	–	–	–	10	–	–	–	...	...
Managers and administrators, n.e.c., self-employed	21	–	–	8	6	–	2	5	–	–	–	...	...
Wholesale and retail trade	2	–	–	–	–	–	2	–	–	–	–	...	...
Sales workers	**236**	**17**	**5**	**54**	**58**	**40**	**33**	**13**	**4**	**12**	**–**	**2 724**	...
Demonstrators, hucksters, and peddlers	7	–	–	7	–	–	–	–	–	–	–	...	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales clerks, retail trade	155	17	5	35	27	28	21	6	4	12	–	2 759	...
Salesmen, retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	74	–	–	12	31	12	12	7	–	–	–	...	...
Clerical and kindred workers	**1 853**	**99**	**83**	**164**	**169**	**213**	**322**	**272**	**242**	**264**	**25**	**4 616**	**5 546**
Bank tellers	50	4	–	5	13	11	10	7	–	–	–	...	...
Bookkeepers	63	–	–	6	10	10	5	15	17	–	–	...	...
Cashiers	71	4	–	3	13	15	11	15	5	5	–	...	...
Counter clerks, except food	11	–	–	–	–	3	–	8	–	–	–	...	...
Enumerators and interviewers	19	–	–	–	12	–	–	–	–	7	–	...	...
File clerks	137	13	17	36	–	4	20	27	15	5	–	3 625	...
Office machine operators	113	5	14	17	–	5	35	24	–	13	–	4 443	...
Bookkeeping and billing machine operators	25	–	5	–	–	5	15	–	–	–	–	...	...
Keypunch operators	59	5	9	7	–	–	20	14	–	4	–	...	...
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	61	–	–	–	24	22	11	–	4	–	–	...	...
Secretaries	232	15	10	19	40	15	45	32	39	17	–	4 378	5 578
Stenographers	4	–	4	–	–	–	–	–	–	–	–	...	...
Telephone operators	132	–	–	25	4	14	31	30	19	9	–	4 742	...
Typists	219	14	10	13	12	41	54	20	29	26	–	4 361	...
Other clerical and kindred workers	741	44	28	40	41	73	100	94	114	182	25	5 473	6 339
Craftsmen and kindred workers	**180**	**9**	**5**	**–**	**11**	**–**	**32**	**19**	**34**	**58**	**12**	**6 412**	**7 063**
Foremen, n.e.c	12	–	–	–	–	–	5	–	3	4	–	...	...
Operatives, except transport	**861**	**33**	**39**	**68**	**86**	**123**	**174**	**133**	**89**	**104**	**12**	**4 468**	**5 306**
Assemblers	66	–	–	–	–	–	27	15	5	19	–	...	...
Bottling and canning operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	15	–	–	–	–	–	–	6	5	4	–	...	...
Dressmakers and seamstresses, except factory	9	–	–	–	4	5	–	–	–	–	–	...	–
Laundry and drycleaning operatives, including ironers	218	15	–	12	18	51	51	46	5	20	–	4 255	4 686
Graders and sorters, manufacturing	7	–	–	–	–	–	–	–	7	–	–	...	...
Packers and wrappers, except produce	34	–	11	11	4	–	4	–	4	–	–	...	...
Sewers and stitchers	79	–	–	11	10	24	25	4	5	–	–	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	249	6	19	18	34	28	51	24	36	33	–	4 382	4 731
Miscellaneous and not specified operatives	184	12	9	16	16	15	16	38	22	28	12	5 211	...
Manufacturing	168	12	9	10	16	15	10	34	22	28	12	5 353	...
Durable goods	119	5	5	4	11	9	10	28	22	18	7	5 554	...
Machinery, including electrical	20	–	–	–	11	5	–	4	–	–	–	...	–
Other durable goods	99	5	5	4	–	4	10	24	22	18	7	...	...
Nondurable goods, including not specified manufacturing	49	7	4	6	5	6	–	6	–	10	5	...	...
Food and kindred products	–	–	–	–	–	–	–	–	–	–	–	–	–
Apparel and other fabricated textile products	16	7	4	–	5	–	–	–	–	–	–	...	–
Nonmanufacturing industries	16	–	–	6	–	–	6	4	–	–	–	...	...
Transport equipment operatives	**15**	**–**	**9**	**–**	**–**	**6**	**–**	**–**	**–**	**–**	**–**	...	...
Laborers, except farm	**118**	**20**	**24**	**27**	**11**	**7**	**13**	**12**	**4**	**–**	**–**	**1 556**	...
Farmers and farm managers	**10**	**–**	**–**	**5**	**–**	**–**	**5**	**–**	**–**	**–**	**–**	...	...
Farm laborers and farm foremen	**5**	**–**	**–**	**–**	**–**	**5**	**–**	**–**	**–**	**–**	**–**	...	–
Paid farm laborers and farm foremen	5	–	–	–	–	5	–	–	–	–	–	...	–
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 968**	**181**	**150**	**203**	**211**	**329**	**415**	**273**	**133**	**53**	**20**	**3 726**	**4 502**
Cleaning service workers	502	19	16	64	74	89	107	68	44	21	–	3 876	4 388
Chambermaids and maids	130	7	–	18	32	40	11	10	7	5	–	3 200	...
Food service workers	338	40	17	34	41	63	68	35	34	6	–	3 587	4 535
Cooks, except private household	147	23	11	–	12	33	24	21	23	–	–	3 833	...
Waiters and food counter workers	133	12	–	27	23	24	19	11	11	6	–	3 188	...
Health service workers	579	30	32	38	53	105	163	110	35	6	7	4 193	4 646
Nursing aides, orderlies, and attendants	257	24	27	21	36	64	65	11	9	–	–	3 320	3 980
Practical nurses	222	–	–	11	17	24	64	67	26	6	7	4 922	5 198
Personal service workers	328	42	57	28	23	53	42	42	8	20	13	3 264	4 593
Hairdressers and cosmetologists	97	–	15	10	13	24	5	11	5	5	9	...	...
Private household workers	**497**	**83**	**50**	**180**	**86**	**43**	**28**	**–**	**14**	**13**	**–**	**1 642**	**2 164**
Private household workers, living in	3	–	–	3	–	–	–	–	–	–	–	...	...
Private household workers, living out	494	83	50	177	86	43	28	–	14	13	–	1 644	2 190

[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
SPOKANE SMSA													
Total													
Experienced civilian labor force	**37 741**	**4 043**	**3 257**	**5 026**	**4 373**	**5 481**	**5 249**	**3 247**	**2 626**	**3 104**	**1 335**	**3 396**	**4 610**
Professional, technical, and kindred workers	**6 683**	**358**	**312**	**520**	**562**	**513**	**609**	**516**	**759**	**1 743**	**791**	**5 906**	**6 840**
Accountants	363	17	8	19	32	26	72	69	61	44	15	5 109	5 600
Computer specialists	26	–	–	–	5	5	–	5	5	6	–	...	...
Librarians	144	15	14	13	5	–	11	9	15	16	46	6 333	...
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	35	–	10	5	–	–	–	6	5	5	4	...	...
Registered nurses, dietitians, and therapists	1 657	28	67	85	134	194	167	146	200	544	92	6 038	7 085
Dietitians	39	–	5	–	–	15	5	–	4	10	–	...	...
Registered nurses	1 539	22	51	77	134	174	148	135	196	516	86	6 145	7 140
Health technologists and technicians	349	10	9	29	16	55	79	44	27	69	11	4 703	5 455
Social scientists	20	–	–	–	–	–	6	–	–	14	–	...	...
Social and recreation workers	248	–	6	16	10	20	12	25	66	77	16	6 530	6 735
Teachers: College and university	306	38	44	21	42	5	14	20	19	63	40	4 214	...
Elementary and prekindergarten	1 604	63	35	113	127	64	78	78	211	517	318	7 191	8 058
Secondary	520	6	6	43	16	26	47	24	75	151	126	7 338	8 273
Other teachers	287	53	36	52	59	38	11	5	–	27	6	2 042	...
Engineering and science technicians	53	–	–	7	4	–	10	7	5	20	–	...	...
Technicians, except health, and engineering and science	6	–	–	–	–	–	6	–	–	–	–	...	...
Writers, artists, and entertainers	281	51	41	48	39	16	29	20	–	27	10	2 013	4 840
Actors and dancers	4	–	4	–	–	–	–	–	–	–	–	...	–
Authors, editors, and reporters	31	5	5	4	12	–	–	–	–	5	–	...	...
Other professional, technical, and kindred workers	784	77	36	69	73	64	67	58	70	163	107	5 103	6 521
Managers and administrators, except farm	**1 609**	**30**	**79**	**144**	**93**	**164**	**322**	**191**	**139**	**227**	**220**	**4 915**	**5 464**
Buyers, purchasing agents, and sales managers	240	14	–	12	4	45	68	24	17	32	24	4 662	4 875
Restaurant, cafeteria, and bar managers	141	4	16	21	21	20	9	11	10	18	11	3 425	...
School administrators	54	–	6	–	–	–	–	–	5	16	27	...	...
Other specified managers and administrators	448	7	40	27	34	51	74	39	38	84	54	4 878	5 737
Managers and administrators, n.e.c., salaried	586	–	17	73	34	29	143	99	51	72	68	4 979	5 468
Wholesale and retail trade	231	–	–	25	9	11	66	38	19	34	29	5 118	5 421
Managers and administrators, n.e.c., self-employed	140	5	–	11	–	19	28	18	18	5	36	5 389	5 556
Wholesale and retail trade	69	–	–	6	–	5	10	18	13	–	17	...	...
Sales workers	**2 989**	**488**	**354**	**601**	**507**	**458**	**276**	**123**	**103**	**36**	**43**	**2 102**	**3 476**
Demonstrators, hucksters, and peddlers	318	116	51	73	47	11	11	9	–	–	–	922	...
Insurance, real estate agents, and brokers	163	5	10	18	23	16	11	31	16	13	20	4 864	...
Sales clerks, retail trade	1 977	278	225	397	372	377	208	67	39	–	14	2 238	3 478
Salesmen, retail trade	61	11	5	7	23	–	3	–	5	7	–	...	...
Other sales workers	470	78	63	106	42	54	43	16	43	16	9	1 887	3 433
Clerical and kindred workers	**13 149**	**897**	**958**	**1 420**	**1 409**	**2 046**	**2 703**	**1 716**	**1 185**	**697**	**118**	**3 924**	**4 714**
Bank tellers	405	9	23	37	49	54	133	74	17	9	–	4 229	4 673
Bookkeepers	1 878	87	122	182	214	299	477	264	154	79	–	4 073	4 663
Cashiers	1 076	113	52	171	211	169	184	91	67	18	–	2 957	4 216
Counter clerks, except food	205	35	18	5	38	41	45	14	5	–	4	3 159	3 944
Enumerators and interviewers	43	24	4	10	–	–	5	–	–	–	–	...	–
File clerks	236	17	20	24	37	43	54	10	8	23	–	3 465	4 427
Office machine operators	480	10	24	37	55	87	150	63	36	18	–	4 180	4 587
Bookkeeping and billing machine operators	80	–	5	11	18	29	17	–	–	–	–	...	...
Keypunch operators	231	–	14	14	8	37	77	37	31	13	–	4 552	5 076
Payroll and timekeeping clerks	44	–	–	5	–	–	10	10	9	10	–	...	...
Receptionists	546	44	74	59	80	113	113	31	22	10	–	3 142	4 231
Secretaries	3 477	170	232	335	258	544	639	593	427	244	35	4 312	5 011
Stenographers	247	9	–	10	22	53	35	29	56	29	4	4 843	5 816
Telephone operators	494	26	20	58	47	52	108	74	88	16	5	4 407	5 064
Typists	760	85	108	76	79	89	175	59	56	19	14	3 360	4 628
Other clerical and kindred workers	3 258	268	261	411	319	502	575	404	240	222	56	3 737	4 723
Craftsmen and kindred workers	**553**	**20**	**44**	**51**	**71**	**80**	**76**	**36**	**33**	**67**	**75**	**4 138**	**5 774**
Foremen, n.e.c	116	–	–	–	–	34	10	13	6	35	18	6 167	...
Operatives, except transport	**1 932**	**141**	**155**	**321**	**320**	**414**	**281**	**112**	**73**	**88**	**27**	**3 070**	**3 992**
Assemblers	168	8	–	51	38	28	30	13	–	–	–	2 658	...
Bottling and canning operatives	5	–	–	–	–	–	5	–	–	–	–	...	...
Checkers, examiners, and inspectors, manufacturing	43	–	6	10	18	9	–	–	–	–	–	...	...
Dressmakers and seamstresses, except factory	207	34	23	12	25	55	39	11	–	–	8	3 173	3 359
Laundry and drycleaning operatives, including ironers	385	20	29	53	75	93	93	16	6	–	–	3 167	3 753
Graders and sorters, manufacturing	14	8	–	–	–	–	–	–	–	6	–	...	...
Packers and wrappers, except produce	316	21	14	68	41	75	34	28	21	14	–	3 187	4 221
Sewers and stitchers	152	–	15	24	38	46	10	9	5	5	–	2 974	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	377	29	38	47	40	69	42	24	41	38	9	3 500	4 750
Miscellaneous and not specified operatives	265	21	30	56	45	39	28	11	–	25	10	2 567	4 125
Manufacturing	143	10	14	29	23	15	18	11	–	17	6	2 804	...
Durable goods	47	–	10	5	12	10	4	–	–	6	–	...	...
Machinery, including electrical	9	–	–	–	5	–	4	–	–	–	–	...	...
Other durable goods	38	–	10	5	7	10	–	–	–	6	–	...	...
Nondurable goods, including not specified manufacturing	96	10	4	24	11	5	14	11	–	11	6	...	...
Food and kindred products	45	–	4	9	7	5	4	11	–	5	–	...	...
Apparel and other fabricated textile products	6	–	–	–	–	–	–	–	–	–	6	...	–
Nonmanufacturing industries	122	11	16	27	22	24	10	–	–	8	4	2 318	...
Transport equipment operatives	**127**	**13**	**15**	**11**	**17**	**13**	**14**	**5**	**10**	**17**	**12**	**3 577**	...
Laborers, except farm	**251**	**31**	**29**	**47**	**37**	**44**	**39**	**5**	**13**	**6**	–	**2 500**	**4 013**
Farmers and farm managers	**9**	**5**	–	–	–	–	–	–	–	**4**	–	...	...
Farm laborers and farm foremen	**121**	**22**	**31**	**31**	–	**11**	**11**	**5**	–	–	**10**	**1 242**	...
Paid farm laborers and farm foremen	121	22	31	31	–	11	11	5	–	–	10	1 242	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**8 756**	**1 346**	**941**	**1 561**	**1 254**	**1 698**	**878**	**534**	**311**	**194**	**39**	**2 423**	**3 731**
Cleaning service workers	945	175	160	164	139	216	56	18	11	6	–	1 838	3 307
Chambermaids and maids	307	61	42	72	47	81	4	–	–	–	–	1 701	3 164
Food service workers	3 551	596	408	720	600	629	286	170	67	62	13	2 086	3 590
Cooks, except private household	925	79	56	162	162	224	106	88	23	22	3	3 016	3 867
Waiters and food counter workers	2 026	417	254	443	377	331	121	52	21	10	–	1 772	3 317
Health service workers	2 366	207	166	350	287	510	352	230	148	101	15	3 339	4 335
Nursing aides, orderlies, and attendants	1 442	116	110	217	215	299	219	102	96	64	4	3 211	4 254
Practical nurses	448	8	26	65	32	82	72	85	44	28	6	4 153	5 027
Personal service workers	1 284	279	137	208	137	218	130	75	67	22	11	2 131	3 566
Hairdressers and cosmetologists	602	62	51	73	85	126	88	43	52	22	–	3 238	3 795
Private household workers	**1 562**	**692**	**339**	**319**	**103**	**40**	**40**	**4**	–	**25**	–	**631**	**1 382**
Private household workers, living in	65	5	24	22	10	–	4	–	–	–	–	...	...
Private household workers, living out	1 497	687	315	297	93	40	36	4	–	25	–	598	1 345

[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
TACOMA SMSA													
Total													
Experienced civilian labor force	**47 065**	**4 273**	**3 921**	**5 678**	**4 845**	**5 737**	**6 034**	**5 282**	**4 089**	**5 433**	**1 773**	**3 839**	**5 292**
Professional, technical, and kindred workers	**8 029**	**381**	**315**	**685**	**568**	**577**	**550**	**670**	**957**	**2 289**	**1 037**	**6 281**	**7 227**
Accountants	481	9	26	36	27	38	66	62	81	93	43	5 621	6 480
Computer specialists	47	–	–	4	–	–	–	22	–	16	5	...	...
Librarians	242	21	20	26	4	17	4	27	8	74	41	6 250	...
Mathematical specialists	26	–	–	–	–	–	–	6	9	11	–	...	...
Life and physical scientists	30	–	–	–	–	9	–	9	–	12	–	...	...
Registered nurses, dietitians, and therapists	1 514	35	39	116	117	158	139	174	133	475	128	5 879	7 554
Dietitians	29	6	–	–	–	4	–	5	5	9	–	...	...
Registered nurses	1 365	29	30	102	103	143	128	159	114	442	115	5 928	7 522
Health technologists and technicians	261	10	15	15	–	31	33	64	43	50	–	5 414	6 241
Social scientists	59	–	–	6	12	–	4	–	5	22	10	...	...
Social and recreation workers	359	31	4	20	11	–	31	29	57	110	66	6 939	7 864
Teachers: College and university	123	5	18	10	9	–	–	5	5	38	33	7 750	...
Elementary and prekindergarten	2 301	93	55	206	167	137	85	73	338	787	360	6 990	7 775
Secondary	827	33	26	59	57	30	35	37	104	280	166	7 348	8 200
Other teachers	219	36	14	36	27	25	23	10	5	33	10	2 870	...
Engineering and science technicians	106	6	15	–	5	16	16	4	18	26	–	4 688	...
Technicians, except health, and engineering and science	43	–	–	5	–	5	7	–	15	5	6	...	...
Writers, artists, and entertainers	358	66	45	66	56	20	6	5	51	35	8	2 036	4 000
Actors and dancers	20	5	–	5	6	–	–	–	4	–	–	...	...
Authors, editors, and reporters	41	–	–	5	4	–	–	5	5	18	4	...	...
Other professional, technical, and kindred workers	1 033	36	38	80	76	91	101	143	85	222	161	5 661	6 851
Managers and administrators, except farm	**1 879**	**79**	**63**	**150**	**133**	**144**	**190**	**226**	**273**	**411**	**210**	**5 799**	**6 389**
Buyers, purchasing agents, and sales managers	279	10	–	15	11	18	51	25	53	80	16	6 179	6 585
Restaurant, cafeteria, and bar managers	169	12	5	18	13	–	25	37	15	21	23	5 311	5 591
School administrators	96	6	11	17	6	–	5	–	–	4	47	...	...
Other specified managers and administrators	502	15	10	48	40	67	37	59	56	109	61	5 576	5 991
Managers and administrators, n.e.c., salaried	591	–	24	19	48	43	67	89	118	142	41	6 047	6 521
Wholesale and retail trade	218	–	12	11	18	23	28	33	35	43	15	5 515	5 985
Managers and administrators, n.e.c., self-employed	242	36	13	33	15	16	5	16	31	55	22	5 188	6 346
Wholesale and retail trade	134	20	–	33	10	6	–	5	21	27	12	3 667	...
Sales workers	**3 961**	**527**	**464**	**597**	**597**	**540**	**506**	**301**	**126**	**191**	**112**	**2 657**	**4 261**
Demonstrators, hucksters, and peddlers	304	104	83	78	14	15	–	10	–	–	–	789	...
Insurance, real estate agents, and brokers	422	29	50	27	55	47	19	40	18	62	75	4 158	5 760
Sales clerks, retail trade	2 554	310	214	410	415	413	410	213	78	68	23	2 827	4 273
Salesmen, retail trade	102	9	22	6	5	27	8	–	5	14	6	3 333	...
Other sales workers	579	75	95	76	108	38	69	38	25	47	8	2 403	4 217
Clerical and kindred workers	**16 739**	**960**	**1 093**	**1 655**	**1 594**	**2 152**	**2 867**	**2 759**	**1 921**	**1 537**	**201**	**4 319**	**5 360**
Bank tellers	488	9	32	10	67	97	178	82	9	4	–	4 163	4 595
Bookkeepers	2 225	76	116	227	203	302	399	377	258	227	40	4 472	5 254
Cashiers	1 264	132	100	205	197	134	153	105	113	125	–	2 990	4 885
Counter clerks, except food	205	22	21	21	35	27	34	23	17	5	–	3 130	...
Enumerators and interviewers	29	4	4	6	–	4	6	5	–	–	–	...	–
File clerks	469	69	25	58	48	66	49	50	64	35	5	3 523	5 618
Office machine operators	646	18	31	42	68	72	155	113	99	39	9	4 594	5 457
Bookkeeping and billing machine operators	94	4	6	6	21	25	23	5	4	–	–	...	...
Keypunch operators	385	9	6	25	37	31	95	81	80	17	4	4 889	5 660
Payroll and timekeeping clerks	153	–	4	16	11	–	31	16	53	18	4	5 906	...
Receptionists	727	72	34	89	134	121	157	93	17	10	–	3 285	4 582
Secretaries	3 719	129	201	322	312	470	604	694	549	374	64	4 704	5 603
Stenographers	290	22	22	8	12	23	30	65	68	31	9	5 431	5 926
Telephone operators	662	26	50	58	52	67	106	166	97	40	–	4 736	5 399
Typists	1 261	55	141	121	101	168	240	255	121	59	–	4 185	5 247
Other clerical and kindred workers	4 601	326	312	472	354	601	725	715	456	570	70	4 325	5 447
Craftsmen and kindred workers	**825**	**40**	**59**	**65**	**106**	**70**	**123**	**113**	**58**	**133**	**58**	**4 589**	**5 679**
Foremen, n.e.c	160	–	6	–	9	19	39	34	30	13	10	5 206	5 382
Operatives, except transport	**3 427**	**292**	**212**	**353**	**358**	**653**	**556**	**333**	**263**	**382**	**25**	**3 763**	**4 877**
Assemblers	158	13	6	16	13	22	5	40	10	33	–	5 100	...
Bottling and canning operatives	22	–	–	16	–	–	–	6	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	73	–	–	11	17	16	12	12	–	5	–	...	...
Dressmakers and seamstresses, except factory	253	37	23	21	15	57	27	13	33	21	6	3 535	4 500
Laundry and drycleaning operatives, including ironers	537	29	16	44	66	121	112	48	61	31	9	3 938	4 408
Graders and sorters, manufacturing	19	3	–	–	5	7	4	–	–	–	–	...	–
Packers and wrappers, except produce	468	46	28	60	43	50	113	44	38	46	–	4 062	5 231
Sewers and stitchers	519	37	48	47	56	168	91	35	22	15	–	3 426	4 095
Textile operatives	6	–	–	–	–	–	6	–	–	–	–	...	...
Other specified operatives	643	35	43	53	72	105	90	60	47	138	–	4 150	5 847
Miscellaneous and not specified operatives	729	92	48	85	71	107	96	75	52	93	10	3 640	5 438
Manufacturing	524	41	17	65	39	89	75	75	29	89	5	4 147	5 781
Durable goods	234	5	9	30	6	24	36	31	14	74	5	5 226	7 441
Machinery, including electrical	16	–	–	4	–	4	8	–	–	–	–	...	...
Other durable goods	218	5	9	26	6	20	28	31	14	74	5	5 484	7 618
Nondurable goods, including not specified manufacturing	290	36	8	35	33	65	39	44	15	15	–	3 508	5 128
Food and kindred products	104	11	8	14	6	26	5	9	10	15	–	3 500	...
Apparel and other fabricated textile products	40	5	–	11	5	–	13	6	–	–	–	...	...
Nonmanufacturing industries	205	51	31	20	32	18	21	–	23	4	5	2 016	...
Transport equipment operatives	**172**	**27**	**14**	**14**	**21**	**43**	**17**	**18**	**5**	**10**	**3**	**3 233**	...
Laborers, except farm	**604**	**123**	**120**	**65**	**64**	**68**	**77**	**16**	**12**	**49**	**10**	**1 908**	**4 664**
Farmers and farm managers	**128**	**32**	**10**	**50**	–	**10**	**6**	–	–	**9**	**11**	**1 440**	...
Farm laborers and farm foremen	**351**	**112**	**94**	**71**	**23**	**22**	**11**	**9**	**5**	**4**	–	**838**	...
Paid farm laborers and farm foremen	340	101	94	71	23	22	11	9	5	4	–	867	...
Unpaid family workers	11	11	–	–	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**9 649**	**1 111**	**1 225**	**1 681**	**1 298**	**1 411**	**1 113**	**825**	**469**	**410**	**106**	**2 622**	**4 330**
Cleaning service workers	899	143	156	147	88	150	99	58	29	19	10	2 040	3 835
Chambermaids and maids	211	50	42	28	31	14	29	11	–	–	6	1 482	...
Food service workers	4 158	497	597	945	631	600	367	233	160	92	36	2 063	3 995
Cooks, except private household	970	64	67	184	142	160	95	157	56	23	22	3 175	5 164
Waiters and food counter workers	2 234	311	371	559	362	316	195	47	39	25	9	1 778	3 529
Health service workers	2 001	103	164	192	270	323	372	311	122	122	22	3 841	4 816
Nursing aides, orderlies, and attendants	904	53	81	110	174	189	72	129	65	31	–	3 180	4 636
Practical nurses	648	7	33	33	40	63	184	134	49	83	22	4 804	5 188
Personal service workers	1 657	214	190	221	183	236	180	145	108	142	38	3 087	4 486
Hairdressers and cosmetologists	785	51	75	102	78	121	118	87	62	64	27	3 715	4 667
Private household workers	**1 301**	**589**	**252**	**292**	**83**	**47**	**18**	**12**	–	**8**	–	**622**	**1 216**
Private household workers, living in	62	17	10	25	10	–	–	–	–	–	–	...	...
Private household workers, living out	1 239	572	242	267	73	47	18	12	–	8	–	598	1 250

[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										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		
Male experienced civilian labor force	**831 518**	**90 356**	**65 885**	**33 956**	**43 595**	**61 257**	**80 965**	**164 634**	**205 000**	**85 870**	**8 483**	**70.3**
Agriculture, forestry, and fisheries	**48 878**	**14 098**	**7 945**	**3 844**	**3 757**	**3 278**	**2 909**	**4 016**	**5 397**	**3 634**	**4 623**	**58.4**
Professional and managerial workers, except farm	3 887	260	302	119	169	258	361	659	1 051	708	9 440	73.7
Clerical and sales workers	352	56	31	6	11	33	30	57	79	49	8 316	70.7
Laborers, except farm	4 734	1 413	791	374	320	320	390	409	496	221	4 436	32.4
Other blue-collar workers	2 392	361	283	139	203	247	281	427	402	49	6 850	59.0
Farmers and farm managers	17 809	4 085	2 186	1 231	1 260	1 134	1 170	1 641	2 762	2 340	6 126	81.5
Farm laborers and farm foremen	19 433	7 840	4 330	1 921	1 785	1 257	651	812	582	255	2 867	40.1
Service workers, except private household	271	83	22	54	9	29	26	11	25	12	4 565	59.4
Mining	**2 157**	**110**	**192**	**74**	**124**	**176**	**261**	**407**	**605**	**208**	**8 695**	**64.2**
Professional, technical, and kindred workers	197	7	10	6	5	20	5	26	68	50	11 434	66.5
Managers and administrators, except farm	168	–	10	–	5	3	22	20	55	53	12 182	78.0
Clerical and sales workers	84	–	–	–	5	–	23	18	28	10	...	...
Craftsmen and kindred workers	436	16	21	11	16	41	58	115	118	40	8 957	61.5
Operatives, except transport	895	68	116	29	71	90	107	145	233	36	7 687	63.9
Transport equipment operatives, and laborers, except farm	332	14	21	28	16	20	35	83	96	19	8 771	53.6
Service workers, except private household	45	5	14	–	6	2	11	–	7	–	...	...
Construction	**80 289**	**5 702**	**5 337**	**3 183**	**4 174**	**5 667**	**7 746**	**15 671**	**25 386**	**7 423**	**9 064**	**53.4**
Professional, technical, and kindred workers	4 964	131	182	100	152	330	377	669	2 163	860	11 251	84.8
Managers and administrators, except farm	9 210	410	321	215	266	310	387	980	3 292	3 029	12 606	74.6
Sales workers	525	31	71	27	6	34	62	90	107	97	8 700	65.0
Clerical and kindred workers	1 966	135	108	80	114	104	122	304	697	302	10 115	78.9
Craftsmen and kindred workers	45 206	2 882	3 017	1 770	2 430	3 084	4 411	9 276	15 805	2 531	9 080	48.4
Operatives, except transport	4 819	279	316	218	226	355	507	1 191	1 414	313	8 854	45.5
Transport equipment operatives	3 359	152	227	115	167	379	478	932	794	115	8 347	52.7
Laborers, except farm	9 626	1 546	1 052	625	765	985	1 316	2 115	1 059	163	6 838	38.8
Service workers, except private household	614	136	43	33	48	86	86	114	55	13	6 547	58.1
Manufacturing, total	**237 822**	**12 797**	**12 169**	**7 320**	**11 569**	**17 876**	**25 621**	**58 662**	**68 099**	**23 709**	**9 076**	**77.1**
Professional, technical, and kindred workers	37 971	699	594	453	575	758	1 423	5 069	16 412	11 988	12 868	91.1
Managers and administrators, except farm	14 148	433	246	125	310	429	605	1 861	5 300	4 839	12 892	91.2
Sales workers	6 697	1 275	255	112	196	261	405	1 279	1 847	1 067	9 321	76.9
Clerical and kindred workers	12 500	673	554	334	499	932	1 694	3 702	3 496	616	8 845	82.4
Craftsmen and kindred workers	70 195	2 124	2 247	1 615	2 706	4 401	7 570	21 298	24 731	3 503	9 355	80.8
Operatives, except transport	59 459	3 861	4 432	2 525	4 004	6 249	9 012	17 484	10 960	932	7 961	71.5
Transport equipment operatives	10 935	459	524	394	641	1 143	1 668	3 267	2 566	273	8 391	69.5
Laborers, except farm	21 494	2 575	2 820	1 446	2 295	2 978	2 808	3 805	2 312	455	6 541	49.8
Service workers, except private household	4 423	698	497	316	343	725	436	897	475	36	6 493	63.7
Manufacturing, durable goods	**181 315**	**7 988**	**8 491**	**5 461**	**9 029**	**14 115**	**19 657**	**43 361**	**53 052**	**20 161**	**9 195**	**77.3**
Professional, technical, and kindred workers	33 049	459	444	340	480	632	1 104	4 045	14 300	11 245	13 154	91.5
Managers and administrators, except farm	9 606	269	182	57	219	251	413	1 060	3 655	3 500	13 218	91.0
Sales workers	2 459	61	72	40	98	106	168	502	795	617	11 148	85.9
Clerical and kindred workers	9 835	374	340	246	359	806	1 318	2 931	2 955	506	9 006	85.1
Craftsmen and kindred workers	56 504	1 715	1 839	1 344	2 296	3 603	6 122	17 133	19 520	2 932	9 323	80.1
Operatives, except transport	43 153	2 605	2 973	1 864	3 035	4 940	6 831	12 247	7 936	722	7 902	71.3
Transport equipment operatives	6 885	231	298	271	435	839	1 178	1 886	1 565	182	8 202	65.1
Laborers, except farm	17 171	1 872	2 117	1 127	1 906	2 461	2 296	2 945	2 022	425	6 635	49.0
Service workers, except private household	2 653	402	226	172	201	477	227	612	304	32	6 682	66.6
Manufacturing, nondurable goods, including not specified	**56 507**	**4 809**	**3 678**	**1 859**	**2 540**	**3 761**	**5 964**	**15 301**	**15 047**	**3 548**	**8 738**	**76.4**
Professional, technical, and kindred workers	4 922	240	150	113	95	126	319	1 024	2 112	743	10 933	88.3
Managers and administrators, except farm	4 542	164	64	68	91	178	192	801	1 645	1 339	12 167	91.6
Sales workers	4 238	1 214	183	72	98	155	237	777	1 052	450	8 412	71.8
Clerical and kindred workers	2 665	299	214	88	140	126	376	771	541	110	8 232	72.5
Craftsmen and kindred workers	13 691	409	408	271	410	798	1 448	4 165	5 211	571	9 489	83.7
Operatives, except transport	16 306	1 256	1 459	661	969	1 309	2 181	5 237	3 024	210	8 121	72.1
Transport equipment operatives	4 050	228	226	123	206	304	490	1 381	1 001	91	8 649	77.0
Laborers, except farm	4 323	703	703	319	389	517	512	860	290	30	6 092	53.2
Service workers, except private household	1 770	296	271	144	142	248	209	285	171	4	6 129	59.5
Transportation, communications, and other public utilities	**75 101**	**4 074**	**4 447**	**2 562**	**3 315**	**5 715**	**8 319**	**18 246**	**22 563**	**5 860**	**9 000**	**75.5**
Professional, technical, and kindred workers	7 620	276	323	172	164	242	473	1 232	2 753	1 985	11 685	82.9
Managers and administrators, except farm	6 971	230	130	101	106	202	342	1 200	3 017	1 643	11 946	84.6
Sales workers	1 015	52	43	15	5	51	96	259	369	125	9 896	85.9
Clerical and kindred workers	6 575	208	334	211	330	737	1 209	1 899	1 448	199	8 272	82.5
Craftsmen and kindred workers	20 348	543	592	442	621	1 324	2 358	5 386	8 118	964	9 595	84.7
Operatives, except transport	3 779	307	347	150	249	374	549	1 094	623	86	7 842	57.7
Transport equipment operatives	16 585	964	1 361	753	897	1 368	1 623	4 817	4 265	537	8 551	70.1
Laborers, except farm	9 851	1 228	1 083	549	705	1 056	1 328	1 876	1 728	298	7 229	57.5
Service workers, except private household	2 357	266	234	169	238	361	341	483	242	23	6 752	62.9
Wholesale trade	**47 576**	**3 120**	**2 846**	**1 653**	**2 129**	**3 288**	**5 190**	**10 904**	**12 749**	**5 697**	**9 020**	**79.5**
Professional, technical, and kindred workers	2 045	50	32	62	105	97	163	338	787	411	11 115	89.2
Managers and administrators, except farm	8 860	221	216	147	214	375	591	1 366	2 988	2 742	12 175	90.6
Sales workers	11 799	350	338	336	355	633	1 246	2 842	3 792	1 907	9 859	86.5
Clerical and kindred workers	3 705	311	430	220	226	409	597	880	520	112	7 430	72.8
Craftsmen and kindred workers	6 703	343	334	155	350	471	827	1 941	1 984	298	8 898	79.0
Operatives, except transport	3 692	421	449	244	210	368	409	937	609	45	7 377	61.8
Transport equipment operatives	5 814	519	352	192	281	428	664	1 614	1 611	153	8 584	77.0
Laborers, except farm	4 385	702	611	234	344	457	679	916	413	29	6 660	62.3
Service workers, except private household	573	203	84	63	44	50	14	70	45	–	3 988	50.6
Retail trade	**113 642**	**24 017**	**13 677**	**6 189**	**6 546**	**8 567**	**10 695**	**17 540**	**18 310**	**8 101**	**6 746**	**64.5**
Professional, technical, and kindred workers	3 343	268	187	84	178	152	234	439	1 135	666	10 570	75.7
Managers and administrators, except farm	24 163	1 192	1 181	896	1 067	1 533	2 322	4 446	6 944	4 582	9 750	87.4
Sales workers	20 654	2 953	2 457	1 242	1 387	1 775	2 149	3 547	3 550	1 594	7 239	69.1
Clerical and kindred workers	5 882	1 179	1 116	424	468	529	627	845	549	145	5 474	62.8
Craftsmen and kindred workers	16 284	1 255	1 203	747	1 096	1 900	2 149	4 009	3 380	545	7 903	74.4
Operatives, except transport	12 750	3 783	2 583	865	700	910	1 043	1 594	1 007	265	4 010	48.9
Transport equipment operatives	5 261	1 145	522	275	222	388	617	1 184	846	62	7 127	62.0
Laborers, except farm	9 905	5 295	1 610	514	474	441	594	628	306	43	1 871	39.8
Service workers, except private household	15 400	6 947	2 818	1 142	954	939	960	848	593	199	2 534	39.9

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	**34 266**	**2 659**	**2 511**	**1 324**	**1 655**	**2 216**	**2 746**	**5 492**	**8 722**	**6 941**	**9 465**	**77.5**
Professional, technical, and kindred workers	2 179	78	86	48	47	121	168	500	795	336	10 261	84.9
Managers and administrators, except farm	9 694	446	370	185	323	392	596	1 473	3 213	2 696	11 653	86.5
Sales workers	14 220	803	1 036	570	652	868	1 156	2 170	3 447	3 518	9 866	76.5
Clerical and kindred workers	4 339	372	498	227	337	433	493	833	826	320	7 614	77.0
Craftsmen and kindred workers	1 344	146	125	64	91	109	113	356	308	32	8 135	62.5
Operatives, except transport	125	19	25	14	9	20	6	9	13	10	5 500	45.6
Transport equipment operatives	86	21	16	5	10	5	–	14	15	–	...	...
Laborers, except farm	821	301	82	101	69	95	90	49	34	–	4 272	42.4
Service workers, except private household	1 458	473	273	110	117	173	124	88	71	29	3 875	54.7
Business and repair services	**29 229**	**4 188**	**3 130**	**1 539**	**1 907**	**2 144**	**2 491**	**5 212**	**5 490**	**3 128**	**7 685**	**69.5**
Professional, technical, and kindred workers	4 153	254	206	137	126	179	252	581	1 303	1 115	11 310	82.3
Managers and administrators, except farm	3 170	200	97	82	135	209	219	489	847	892	10 909	86.6
Sales workers	1 064	78	73	41	33	42	100	205	309	183	9 610	76.4
Clerical and kindred workers	1 434	212	187	114	86	112	182	234	174	133	7 033	64.1
Craftsmen and kindred workers	11 260	1 311	1 125	635	819	911	1 137	2 632	2 120	570	7 729	72.2
Operatives, except transport	2 150	325	286	136	142	212	212	396	358	83	6 877	65.4
Transport equipment operatives	1 172	231	219	65	75	101	116	205	136	24	5 947	55.4
Laborers, except farm	1 195	585	184	87	59	95	69	69	42	5	2 136	36.2
Service workers, except private household	3 631	992	753	242	432	283	204	401	201	123	4 291	49.4
Personal services	**15 679**	**4 147**	**2 174**	**1 092**	**1 296**	**1 203**	**1 274**	**1 834**	**1 748**	**911**	**5 329**	**57.5**
Professional and managerial workers, except farm	3 251	347	297	204	272	245	232	423	727	504	8 135	76.3
Clerical and sales workers	911	265	197	51	84	38	69	84	91	32	3 934	44.8
Craftsmen and operatives, including transport	3 136	635	353	205	272	280	359	526	398	108	6 368	62.5
Laborers, except farm	1 785	1 257	228	66	45	51	60	43	26	9	1 420	21.5
Service workers, except private household	6 247	1 443	1 026	551	597	589	554	732	497	258	5 173	59.4
Private household workers	349	200	73	15	26	–	–	26	9	–	1 745	22.3
Entertainment and recreation services	**6 796**	**2 219**	**891**	**348**	**379**	**445**	**497**	**705**	**872**	**440**	**4 828**	**45.8**
Professional, technical, and kindred workers	1 767	423	273	116	95	88	125	131	337	179	5 753	41.3
Managers and administrators, except farm	878	88	59	37	40	86	74	112	208	174	8 982	74.0
Sales workers	132	26	23	–	–	11	11	11	45	5	7 545	68.2
Clerical and kindred workers	358	130	71	23	5	26	50	29	15	9	3 380	35.8
Craftsmen and kindred workers	688	163	86	34	40	61	38	139	113	14	6 344	51.5
Operatives, except transport	78	18	30	–	–	5	–	10	10	5	...	...
Transport equipment operatives	82	14	9	11	–	5	4	12	18	9	...	...
Laborers, except farm	783	334	56	59	51	57	80	100	31	15	4 025	40.6
Service workers, except private household	2 030	1 023	284	68	148	106	115	161	95	30	1 984	37.7
Professional and related services	**89 569**	**10 660**	**8 119**	**3 561**	**4 714**	**6 582**	**6 822**	**12 090**	**21 191**	**15 830**	**8 716**	**64.6**
Professional, technical, and kindred workers	55 287	3 582	4 212	1 877	1 942	3 021	3 744	8 064	15 971	12 874	10 376	65.1
Managers and administrators, except farm	7 628	262	274	116	111	208	320	844	3 064	2 429	12 740	76.2
Sales workers	459	37	45	12	43	35	42	77	96	72	8 403	68.8
Clerical and kindred workers	3 602	1 237	524	157	169	314	199	357	444	201	4 255	50.9
Craftsmen and kindred workers	4 530	353	352	164	269	391	671	1 234	918	178	8 105	75.8
Operatives, except transport	1 276	360	254	37	46	131	137	203	99	9	4 649	55.8
Transport equipment operatives	794	126	125	37	115	107	112	127	40	5	5 948	67.5
Laborers, except farm	1 493	500	177	87	148	195	198	123	58	7	4 799	50.2
Service workers, except private household	14 500	4 203	2 156	1 074	1 871	2 180	1 399	1 061	501	55	4 830	58.4
Public administration	**50 514**	**2 565**	**2 447**	**1 267**	**2 030**	**4 100**	**6 394**	**13 855**	**13 848**	**3 988**	**8 932**	**85.8**
Professional, technical, and kindred workers	9 772	326	340	180	279	529	790	1 795	3 792	1 741	10 853	87.5
Managers and administrators, except farm	7 192	186	158	82	127	423	627	1 561	2 825	1 203	10 765	92.1
Sales workers	154	6	25	10	12	25	31	24	21	–	6 960	83.1
Clerical and kindred workers	10 970	537	540	247	561	1 115	1 980	3 543	2 033	414	8 285	85.2
Craftsmen and kindred workers	6 683	407	635	148	239	409	711	2 335	1 617	182	8 679	85.1
Operatives, except transport	1 213	82	82	55	58	74	194	426	236	6	8 289	84.0
Transport equipment operatives	892	52	32	41	67	76	175	326	104	19	8 018	82.5
Laborers, except farm	2 245	346	246	158	163	327	536	329	136	4	6 641	64.1
Service workers, except private household	11 393	623	389	346	524	1 122	1 350	3 516	3 104	419	8 764	86.2
Female experienced civilian labor force	**455 341**	**136 654**	**102 674**	**55 271**	**48 883**	**41 538**	**26 504**	**25 383**	**13 455**	**2 979**	**3 772**	**49.7**
Agriculture, forestry, and fisheries	**7 591**	**4 641**	**1 571**	**425**	**275**	**292**	**103**	**93**	**116**	**75**	**1 636**	**32.6**
Professional and managerial workers, except farm	330	82	45	37	30	49	28	15	38	6	5 033	58.2
Clerical and sales workers	1 177	377	328	149	125	138	12	25	23	–	3 290	52.3
Laborers, except farm	654	354	187	45	26	9	10	4	10	9	1 847	33.8
Other blue-collar workers	539	290	176	28	16	25	–	4	–	–	1 859	22.8
Farmers and farm managers	855	480	115	38	39	38	35	20	34	56	1 781	74.2
Farm laborers and farm foremen	3 901	2 983	689	116	39	33	7	19	11	4	1 308	16.1
Service workers, except private household	135	75	31	12	–	–	11	6	–	–	1 800	48.1
Mining	**198**	**53**	**50**	**28**	**36**	**11**	**4**	**9**	**7**	**–**	**3 840**	**61.1**
Professional, technical, and kindred workers	24	15	–	–	–	–	4	5	–	–	...	...
Managers and administrators, except farm	4	–	–	–	4	–	–	–	–	–	...	...
Clerical and sales workers	147	24	45	28	32	11	–	–	7	–	4 161	66.7
Craftsmen and kindred workers	–	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	14	10	–	–	–	–	–	4	–	–	...	–
Transport equipment operatives, and laborers, except farm	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household	9	4	5	–	–	–	–	–	–	–	...	...
Construction	**4 557**	**920**	**729**	**519**	**655**	**634**	**388**	**325**	**284**	**91**	**5 169**	**59.1**
Professional, technical, and kindred workers	388	24	50	8	55	78	61	63	38	11	6 731	77.6
Managers and administrators, except farm	204	15	5	25	20	38	37	21	24	19	6 974	72.1
Sales workers	44	15	21	3	5	–	–	–	–	–	...	...
Clerical and kindred workers	3 208	691	599	428	513	471	266	158	56	26	4 734	60.3
Craftsmen and kindred workers	424	67	41	27	46	28	9	64	111	31	7 333	47.6
Operatives, except transport	65	4	9	6	–	11	–	4	27	4	...	...
Transport equipment operatives	23	–	–	–	–	–	–	6	17	–	...	...
Laborers, except farm	93	44	–	–	10	5	10	19	5	–	...	...
Service workers, except private household	108	60	4	22	6	5	5	–	6	–	1 800	30.6

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												
Manufacturing, total	53 826	10 167	10 162	6 041	6 504	7 628	6 589	4 931	1 486	318	5 083	58.4
Professional, technical, and kindred workers	4 251	355	438	301	333	476	758	940	562	88	7 294	71.7
Managers and administrators, except farm	888	133	130	73	97	110	74	117	91	63	6 100	75.6
Sales workers	840	341	212	61	47	80	53	16	18	12	2 745	51.2
Clerical and kindred workers	21 290	2 269	2 874	2 453	3 058	4 315	3 580	2 271	384	86	5 997	70.7
Craftsmen and kindred workers	3 512	482	431	417	514	373	465	575	234	21	5 829	66.2
Operatives, except transport	20 830	5 848	5 589	2 508	2 238	2 003	1 478	953	168	45	3 634	42.3
Transport equipment operatives	194	35	35	18	6	5	53	27	12	3	6 600	66.5
Laborers, except farm	1 201	428	268	143	120	144	76	10	12	–	3 287	44.5
Service workers, except private household	820	276	185	67	91	122	52	22	5	–	3 449	49.4
Manufacturing, durable goods	29 510	3 149	3 597	2 761	3 671	5 426	5 308	4 123	1 233	242	6 291	68.7
Professional, technical, and kindred workers	2 899	89	171	156	185	353	590	787	485	83	7 840	78.1
Managers and administrators, except farm	516	55	67	42	51	45	62	84	63	47	6 956	75.2
Sales workers	145	27	37	10	6	18	32	–	9	6	4 850	61.4
Clerical and kindred workers	15 335	1 215	1 612	1 521	2 020	3 456	3 093	2 009	334	75	6 376	73.5
Craftsmen and kindred workers	2 144	214	169	162	261	281	380	473	189	15	6 947	70.2
Operatives, except transport	7 292	1 257	1 306	744	1 012	1 092	1 012	720	133	16	5 335	56.3
Transport equipment operatives	101	6	10	12	6	5	33	22	7	–	7 348	72.3
Laborers, except farm	613	158	124	85	87	91	54	6	8	–	4 288	48.9
Service workers, except private household	465	128	101	29	43	85	52	22	5	–	4 121	58.7
Manufacturing, nondurable goods, including not specified	24 316	7 018	6 565	3 280	2 833	2 202	1 281	808	253	76	3 566	45.8
Professional, technical, and kindred workers	1 352	266	267	145	148	123	168	153	77	5	4 986	58.1
Managers and administrators, except farm	372	78	63	31	46	65	12	33	28	16	5 304	76.1
Sales workers	695	314	175	51	41	62	21	16	9	6	2 383	49.1
Clerical and kindred workers	5 955	1 054	1 262	932	1 038	859	487	262	50	11	4 710	63.7
Craftsmen and kindred workers	1 368	268	262	255	253	92	85	102	45	6	4 604	59.9
Operatives, except transport	13 538	4 591	4 283	1 764	1 226	911	466	233	35	29	3 017	34.7
Transport equipment operatives	93	29	25	6	–	–	20	5	5	3	...	...
Laborers, except farm	588	270	144	58	33	53	22	4	4	–	2 333	39.8
Service workers, except private household	355	148	84	38	48	37	–	–	–	–	2 702	37.2
Transportation, communications, and other public utilities	22 905	4 342	4 271	2 753	3 666	3 646	2 241	1 329	530	127	5 024	58.3
Professional, technical, and kindred workers	965	114	109	65	111	152	139	150	92	33	6 549	75.4
Managers and administrators, except farm	858	79	62	95	126	149	137	75	99	36	6 450	80.0
Sales workers	351	56	67	23	70	69	26	24	13	3	5 421	58.7
Clerical and kindred workers	15 076	2 204	2 762	2 111	2 875	2 676	1 493	763	160	32	5 160	64.4
Craftsmen and kindred workers	360	18	35	27	51	72	40	35	77	5	6 681	71.7
Operatives, except transport	1 621	967	442	75	50	32	24	27	4	–	1 676	11.8
Transport equipment operatives	1 473	514	542	178	79	43	29	33	37	18	2 821	17.0
Laborers, except farm	327	149	47	5	11	31	44	29	11	–	2 617	35.8
Service workers, except private household	1 874	241	205	174	293	422	309	193	37	–	6 057	64.2
Wholesale trade	14 932	3 904	3 404	2 053	2 088	1 581	945	635	250	72	4 077	52.7
Professional, technical, and kindred workers	455	64	95	47	67	34	75	48	25	–	5 321	58.7
Managers and administrators, except farm	606	65	94	75	86	57	88	70	58	13	5 802	81.8
Sales workers	699	237	105	118	81	45	49	35	24	5	4 064	62.5
Clerical and kindred workers	8 639	1 513	1 806	1 449	1 570	1 258	564	339	97	43	4 690	63.7
Craftsmen and kindred workers	374	50	86	35	32	46	45	52	28	–	5 500	54.8
Operatives, except transport	3 589	1 809	1 088	243	221	86	62	65	4	11	1 984	20.1
Transport equipment operatives	128	39	14	15	5	14	11	16	14	–	4 733	46.9
Laborers, except farm	347	69	105	50	26	41	46	10	–	–	3 990	42.7
Service workers, except private household	95	58	11	21	–	–	5	–	–	–	...	...
Retail trade	97 752	36 916	27 750	13 006	8 913	5 219	2 659	1 532	1 191	566	2 862	46.3
Professional, technical, and kindred workers	1 663	344	318	206	193	177	125	124	137	39	4 823	59.0
Managers and administrators, except farm	6 159	938	1 114	868	837	643	564	421	526	248	5 191	73.9
Sales workers	28 679	12 650	8 359	3 807	2 021	920	392	250	176	104	2 404	43.9
Clerical and kindred workers	25 007	6 922	6 661	4 361	3 480	2 058	948	363	141	73	3 676	53.6
Craftsmen and kindred workers	1 735	473	408	258	181	147	139	79	45	5	3 934	59.1
Operatives, except transport	3 423	1 035	984	450	394	342	145	36	31	6	3 375	47.9
Transport equipment operatives	144	49	21	22	13	10	6	10	13	–	4 091	48.6
Laborers, except farm	1 360	657	400	101	75	67	25	13	17	5	2 115	41.8
Service workers, except private household	29 582	13 848	9 485	2 933	1 719	855	315	236	105	86	2 199	35.3
Finance, insurance, and real estate	34 996	6 779	8 277	6 973	5 801	3 609	1 547	1 079	668	263	4 350	60.7
Professional, technical, and kindred workers	1 350	144	182	214	174	278	167	132	48	11	5 776	69.6
Managers and administrators, except farm	3 035	538	555	348	336	422	314	277	168	77	5 228	74.8
Sales workers	3 412	735	713	467	384	313	176	207	283	134	4 552	56.0
Clerical and kindred workers	25 998	4 803	6 532	5 733	4 843	2 557	875	454	165	36	4 290	59.8
Craftsmen and kindred workers	114	14	10	29	27	19	5	5	–	5	5 148	65.8
Operatives, except transport	66	23	11	27	–	5	–	–	–	–	...	...
Transport equipment operatives	10	–	4	6	–	–	–	–	–	–	...	...
Laborers, except farm	85	42	26	6	6	5	–	–	–	–	...	...
Service workers, except private household	926	480	244	143	31	10	10	4	4	–	1 929	48.7
Business and repair services	10 515	3 319	2 569	1 456	1 094	877	523	397	208	72	3 509	49.3
Professional, technical, and kindred workers	1 236	387	274	113	113	101	49	88	100	11	3 686	45.5
Managers and administrators, except farm	350	63	34	37	34	52	42	47	18	23	6 135	80.9
Sales workers	423	220	105	24	20	5	25	6	18	–	1 923	43.3
Clerical and kindred workers	6 325	1 878	1 619	933	747	568	345	177	44	14	3 587	49.4
Craftsmen and kindred workers	310	93	50	26	24	36	6	55	15	5	4 462	67.4
Operatives, except transport	571	122	164	146	54	48	23	9	5	–	3 994	53.4
Transport equipment operatives	97	68	10	10	9	–	–	–	–	–	...	...
Laborers, except farm	80	50	21	9	–	–	–	–	–	–	...	...
Service workers, except private household	1 123	438	292	158	93	67	33	15	8	19	2 846	43.9
Personal services	36 647	20 197	8 477	2 963	2 041	1 235	654	532	359	189	1 814	40.2
Professional and managerial workers, except farm	2 281	729	428	208	249	201	138	132	113	83	3 923	58.7
Clerical and sales workers	3 810	1 493	1 161	435	391	202	52	27	26	23	2 710	46.5
Craftsmen and operatives, including transport	4 296	1 341	1 468	693	354	228	75	61	44	32	3 099	50.7
Laborers, except farm	218	115	58	32	–	–	–	13	–	–	1 896	56.4
Service workers, except private household	12 968	5 152	4 046	1 408	957	570	351	257	176	51	2 658	45.2
Private household workers	13 074	11 367	1 316	187	90	34	38	42	–	–	1 150	26.5

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	**4 733**	**2 556**	**949**	**444**	**290**	**217**	**120**	**85**	**53**	**19**	**1 852**	**31.2**
Professional, technical, and kindred workers	1 091	552	177	97	79	69	37	49	31	–	1 976	25.1
Managers and administrators, except farm	237	96	37	27	14	20	9	16	11	7	3 216	63.7
Sales workers	175	136	39	–	–	–	–	–	–	–	1 287	18.3
Clerical and kindred workers	1 390	613	285	166	150	108	52	5	5	6	2 575	38.7
Craftsmen and kindred workers	26	12	8	–	–	–	–	–	6	–	...	...
Operatives, except transport	35	25	–	5	5	–	–	–	–	–	...	...
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	70	54	16	–	–	–	–	–	–	–	...	...
Service workers, except private household	1 709	1 068	387	149	42	20	22	15	–	6	1 600	25.3
Professional and related services	**145 943**	**39 698**	**31 763**	**16 012**	**13 776**	**13 031**	**10 362**	**12 609**	**7 602**	**1 090**	**4 094**	**45.4**
Professional, technical, and kindred workers	63 113	10 998	9 634	4 355	4 457	7 458	7 784	11 052	6 670	705	6 283	43.5
Managers and administrators, except farm	3 173	476	540	249	255	316	244	415	501	177	6 210	62.3
Sales workers	410	244	87	27	20	5	13	3	4	7	1 680	38.3
Clerical and kindred workers	40 562	12 040	9 287	6 443	5 925	3 934	1 744	810	271	108	3 775	50.0
Craftsmen and kindred workers	722	142	263	88	77	65	18	25	16	28	3 665	47.2
Operatives, except transport	1 709	617	522	317	144	69	9	11	10	10	2 910	54.1
Transport equipment operatives	289	113	110	17	35	14	–	–	–	–	2 573	10.7
Laborers, except farm	354	216	65	25	15	11	11	11	–	–	1 639	42.7
Service workers, except private household	35 611	14 852	11 255	4 491	2 848	1 159	539	282	130	55	2 525	42.2
Public administration	**20 746**	**3 162**	**2 702**	**2 598**	**3 744**	**3 556**	**2 369**	**1 817**	**701**	**97**	**5 510**	**68.6**
Professional, technical, and kindred workers	2 533	251	211	205	279	427	431	421	279	29	6 751	71.8
Managers and administrators, except farm	1 461	162	145	129	189	227	171	279	144	15	6 465	78.8
Sales workers	147	35	29	9	38	21	15	–	–	–	5 013	53.1
Clerical and kindred workers	14 907	2 333	1 991	2 071	2 995	2 656	1 618	979	217	47	5 353	67.8
Craftsmen and kindred workers	184	25	35	–	26	26	16	39	17	–	6 231	57.6
Operatives, except transport	200	27	7	5	21	53	47	29	11	–	6 755	78.5
Transport equipment operatives	15	–	4	–	11	–	–	–	–	–	...	...
Laborers, except farm	78	24	10	–	7	14	5	10	8	–	...	...
Service workers, except private household	1 221	305	270	179	178	132	66	60	25	6	4 198	63.5

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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	**886 820**	**668 030**	**93 559**	**76 921**	**41 028**	**34 264**	**142 802**	**101 868**	**44 550**	**19 100**	**13 984**	**37 711**	**230**	**54 756**	**164 034**
Employed in 1970	652 635	567 734	85 679	67 713	36 727	30 526	119 405	85 440	34 042	16 038	10 374	30 649	84	33 366	51 535
Professional, technical, and kindred workers	116 476	96 194	73 701	2 908	1 543	2 139	2 838	1 559	1 140	209	144	939	-	5 831	14 451
Managers and administrators, except farm	90 313	83 045	4 266	52 369	5 268	2 851	5 310	2 950	1 273	438	264	1 205	-	2 843	4 425
Sales workers	45 400	39 797	1 850	3 720	25 224	864	1 538	1 415	972	168	20	428	22	2 634	2 969
Clerical and kindred workers	40 481	34 218	1 350	1 958	1 333	20 583	1 933	1 974	1 015	42	201	636	-	3 195	3 068
Craftsmen and kindred workers	153 488	136 452	2 526	3 150	1 374	1 584	97 321	9 594	4 293	598	810	2 393	-	8 695	8 341
Operatives, including transport	99 670	88 060	738	1 621	1 149	1 220	6 228	60 774	4 764	537	761	2 221	-	4 907	6 703
Laborers, except farm	38 487	31 572	428	600	382	478	1 864	3 940	18 704	457	648	889	20	2 332	4 583
Farmers and farm managers	17 099	15 759	149	248	39	40	286	290	77	12 705	989	25	-	284	1 056
Farm laborers and farm foremen	10 990	9 515	23	141	42	-	501	612	359	759	6 199	230	-	123	1 352
Service workers, except private household	39 883	32 941	648	998	352	747	1 586	2 332	1 421	125	338	21 609	-	2 522	4 420
Private household workers	348	181	-	-	21	20	-	-	24	-	-	74	42	-	167
Unemployed	41 340	32 002	2 784	1 833	1 317	853	9 152	6 101	4 246	160	901	1 466	61	3 105	6 233
Armed Forces	20 049	2 029	135	152	145	194	333	271	113	18	52	124	-	15 429	2 591
Not in labor force	172 796	66 265	4 961	7 223	2 839	2 691	13 912	10 056	6 149	2 884	2 657	5 472	85	2 856	103 675
Female	**939 382**	**340 478**	**56 355**	**16 711**	**23 575**	**105 995**	**5 822**	**27 869**	**3 063**	**1 612**	**3 621**	**55 211**	**6 886**	**1 291**	**597 613**
Employed in 1970	344 589	228 252	41 469	11 709	15 193	72 772	4 212	16 576	2 113	1 053	1 533	34 809	4 020	603	115 734
Professional, technical, and kindred workers	65 793	46 865	36 829	570	437	3 114	156	413	16	23	20	859	32	255	18 673
Managers and administrators, except farm	18 103	14 220	1 071	8 399	869	1 594	127	195	41	-	41	616	-	56	3 827
Sales workers	27 032	15 798	368	517	10 526	1 521	163	238	125	19	97	757	88	41	11 193
Clerical and kindred workers	120 105	82 806	1 748	1 476	1 999	63 569	391	1 333	396	63	120	2 549	199	187	37 112
Craftsmen and kindred workers	6 401	4 944	91	92	120	329	3 059	452	36	-	-	221	20	51	1 406
Operatives, including transport	28 775	17 109	152	133	420	600	143	12 504	196	20	43	1 060	67	-	11 666
Laborers, except farm	3 102	1 801	38	77	77	65	-	201	1 091	-	28	124	-	13	1 288
Farmers and farm managers	1 246	909	-	22	-	-	-	-	-	614	142	-	-	-	337
Farm laborers and farm foremen	3 275	1 476	19	24	47	38	-	83	-	249	921	20	-	-	1 799
Service workers, except private household	60 696	37 402	1 029	336	588	1 781	173	979	212	65	87	28 083	551	-	23 294
Private household workers	10 061	4 922	124	63	110	161	-	178	-	-	34	520	3 063	-	5 139
Unemployed	26 626	13 801	1 285	439	1 161	3 788	261	2 614	169	55	301	2 453	177	52	12 773
Armed Forces	329	151	17	26	-	18	15	-	-	-	-	-	-	121	57
Not in labor force	567 838	98 274	13 584	4 537	7 221	29 417	1 334	8 679	781	504	1 787	17 949	2 689	515	469 049
Negro															
Male	**16 404**	**8 924**	**635**	**250**	**95**	**494**	**1 442**	**1 853**	**1 210**	**20**	**120**	**1 538**	**19**	**2 830**	**4 650**
Employed in 1970	9 307	6 440	521	186	74	407	1 063	1 403	785	20	62	996	-	1 140	1 727
Professional, technical, and kindred workers	1 208	785	436	41	-	60	26	57	25	-	-	30	-	149	274
Managers and administrators, except farm	516	365	17	107	25	37	15	60	-	-	-	41	-	48	103
Sales workers	133	41	19	-	-	-	-	-	-	-	-	-	-	92	-
Clerical and kindred workers	627	392	-	-	29	269	-	23	-	-	-	25	-	177	58
Craftsmen and kindred workers	1 917	1 458	25	14	20	22	976	159	17	-	-	23	-	235	224
Operatives, including transport	1 906	1 282	-	-	-	-	46	953	47	-	-	77	-	232	392
Laborers, except farm	1 238	856	24	-	-	-	-	81	532	-	-	27	-	84	298
Farmers and farm managers	63	39	-	-	-	19	-	-	-	20	-	-	-	-	24
Farm laborers and farm foremen	148	112	-	-	-	-	-	-	17	-	62	-	-	-	36
Service workers, except private household	1 520	1 079	-	24	-	-	-	70	147	-	-	742	-	123	318
Private household workers	31	31	-	-	-	-	-	-	-	-	-	31	-	-	-
Unemployed	1 254	828	22	-	-	38	133	183	235	-	-	134	-	114	312
Armed Forces	1 728	194	-	-	21	49	42	21	-	-	-	20	-	1 378	156
Not in labor force	4 115	1 462	92	64	-	-	204	246	190	-	58	388	19	198	2 455
Female	**15 356**	**6 736**	**691**	**100**	**171**	**836**	**174**	**939**	**68**	**-**	**18**	**1 797**	**695**	**-**	**8 620**
Employed in 1970	7 363	4 893	574	56	153	748	150	549	68	-	18	1 268	408	-	2 470
Professional, technical, and kindred workers	1 096	702	457	-	-	52	-	-	-	-	-	86	-	-	394
Managers and administrators, except farm	144	91	-	56	17	18	-	-	-	-	-	-	-	-	53
Sales workers	191	129	-	-	109	-	-	-	-	-	-	-	-	-	62
Clerical and kindred workers	1 540	1 121	63	-	27	618	-	40	22	-	-	153	-	-	419
Craftsmen and kindred workers	262	219	-	-	-	-	130	25	-	-	-	40	-	-	43
Operatives, including transport	1 003	584	-	-	-	15	20	431	-	-	-	-	-	-	419
Laborers, except farm	98	46	-	-	-	-	-	-	46	-	-	-	-	-	52
Farmers and farm managers	15	-	-	-	-	-	-	-	-	-	-	-	-	-	15
Farm laborers and farm foremen	17	-	-	-	-	-	-	-	-	-	-	-	-	-	17
Service workers, except private household	2 114	1 504	54	-	-	45	-	53	-	-	-	955	166	-	610
Private household workers	883	497	-	-	-	-	-	-	-	-	18	34	242	-	386
Unemployed	693	362	16	18	-	25	24	99	-	-	-	142	-	-	331
Armed Forces	60	60	-	26	-	-	-	-	-	-	-	-	-	-	-
Not in labor force	7 240	1 421	101	-	18	63	-	291	-	-	-	387	287	-	5 819

[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	**11 344**	**8 234**	**697**	**351**	**252**	**397**	**879**	**1 093**	**738**	**76**	**2 386**	**701**	–	**1 204**	**1 906**
Employed in 1970	8 082	6 815	653	286	232	378	780	956	509	76	1 798	659	–	502	765
Professional, technical, and kindred workers	917	680	546	–	–	20	21	21	19	–	28	–	–	60	177
Managers and administrators, except farm	589	547	50	246	40	26	36	25	35	23	20	23	–	23	19
Sales workers	159	159	–	–	136	–	–	–	–	–	–	23	–	–	–
Clerical and kindred workers	410	319	–	–	20	216	–	40	–	–	21	22	–	91	–
Craftsmen and kindred workers	1 451	1 174	34	–	20	59	612	120	40	–	46	35	–	155	122
Operatives, including transport	1 173	980	–	–	16	20	60	611	–	15	133	40	–	130	63
Laborers, except farm	651	543	–	–	–	–	–	61	299	–	93	30	–	24	84
Farmers and farm managers	37	37	–	–	–	–	–	–	–	22	15	–	–	–	–
Farm laborers and farm foremen	1 837	1 609	23	–	–	–	–	43	23	16	1 422	19	–	19	209
Service workers, except private household	858	767	–	40	–	37	51	35	93	–	20	467	–	–	91
Private household workers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unemployed	598	445	–	19	20	–	60	18	118	–	147	–	–	60	93
Armed Forces	645	64	27	–	–	–	–	18	–	–	–	–	–	557	24
Not in labor force	2 019	910	17	46	–	19	39	101	111	–	441	42	–	85	1 024
Female	**10 094**	**3 542**	**442**	**180**	**156**	**571**	**101**	**530**	**77**	**17**	**489**	**516**	**70**	**22**	**6 530**
Employed in 1970	3 886	2 232	368	116	99	368	82	409	57	17	81	344	40	22	1 632
Professional, technical, and kindred workers	523	350	279	–	–	–	–	–	–	–	20	–	–	–	173
Managers and administrators, except farm	221	120	–	78	–	–	23	–	–	–	–	–	–	–	101
Sales workers	363	193	–	17	75	22	19	–	–	–	–	19	–	22	148
Clerical and kindred workers	819	476	48	–	–	323	–	21	–	–	–	37	–	–	343
Craftsmen and kindred workers	117	95	17	–	–	–	40	–	18	–	–	–	20	–	22
Operatives, including transport	687	401	–	21	24	23	–	296	–	–	–	19	–	–	286
Laborers, except farm	103	78	–	–	–	–	–	39	39	–	–	–	–	–	25
Farmers and farm managers	17	17	–	–	–	–	–	–	–	17	–	–	–	–	–
Farm laborers and farm foremen	319	94	–	–	–	–	–	16	–	–	61	–	–	–	225
Service workers, except private household	612	343	–	–	–	–	–	37	–	–	–	269	–	–	269
Private household workers	105	65	24	–	–	–	–	–	–	–	–	–	20	–	40
Unemployed	529	248	–	–	–	70	19	17	–	–	88	20	14	–	281
Armed Forces	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Not in labor force	5 679	1 062	74	64	57	133	–	104	20	–	320	152	16	–	4 617
RESIDED SAME STATE 5 YEARS AGO															
Male	**726 968**	**578 692**	**75 321**	**66 900**	**34 942**	**30 272**	**124 698**	**90 207**	**39 934**	**17 739**	**11 704**	**32 995**	**165**	**21 009**	**127 267**
Employed in 1970	540 670	493 913	69 448	59 392	31 429	27 091	104 510	75 862	30 599	14 997	8 838	27 113	42	14 909	31 848
Professional, technical, and kindred workers	87 714	77 500	60 335	2 109	1 071	1 631	2 001	1 074	855	191	62	700	–	2 280	7 934
Managers and administrators, except farm	76 588	72 294	3 472	47 214	4 180	2 118	4 420	2 419	1 073	331	228	914	–	1 386	2 908
Sales workers	37 655	34 422	1 322	3 186	22 431	743	1 210	1 228	764	101	–	343	22	1 305	1 928
Clerical and kindred workers	33 944	30 434	1 003	1 592	1 066	19 187	1 582	1 645	896	42	144	518	–	1 320	2 190
Craftsmen and kindred workers	127 837	118 785	1 811	2 361	1 094	1 301	87 055	7 410	3 534	362	603	1 895	–	3 782	5 270
Operatives, including transport	85 707	79 332	572	1 310	911	1 005	5 001	56 372	4 240	402	613	1 652	–	2 315	4 060
Laborers, except farm	32 344	28 314	343	540	300	440	1 439	3 145	17 685	355	536	677	20	1 014	3 016
Farmers and farm managers	16 072	15 103	108	203	19	40	221	271	77	12 445	869	25	–	181	788
Farm laborers and farm foremen	8 838	7 832	–	102	42	–	289	385	252	661	5 467	133	–	59	947
Service workers, except private household	33 685	29 778	482	775	294	626	1 292	1 913	1 199	107	316	20 182	–	1 267	2 640
Private household workers	286	119	–	–	21	–	–	–	24	–	–	74	–	–	167
Unemployed	31 353	25 710	1 912	1 349	1 005	736	7 452	5 206	3 630	95	550	1 139	61	1 306	4 337
Armed Forces	5 090	743	22	74	62	58	110	108	76	18	35	41	–	3 388	959
Not in labor force	149 855	58 326	3 939	6 085	2 446	2 387	12 626	9 031	5 629	2 629	2 281	4 702	62	1 406	90 123
Female	**790 684**	**292 597**	**46 447**	**14 914**	**21 007**	**90 078**	**5 099**	**24 889**	**2 819**	**1 481**	**3 367**	**47 441**	**6 032**	**499**	**497 588**
Employed in 1970	292 394	203 436	35 395	10 668	13 959	64 881	3 798	15 191	1 906	992	1 466	31 227	3 630	313	88 645
Professional, technical, and kindred workers	53 348	40 044	31 770	437	340	2 395	156	348	16	23	–	698	13	144	13 160
Managers and administrators, except farm	15 707	13 044	799	7 876	792	1 415	104	160	41	–	41	600	–	–	2 663
Sales workers	23 047	14 526	327	447	10 091	1 300	144	186	109	–	97	537	64	22	8 499
Clerical and kindred workers	103 409	73 995	1 289	1 248	1 621	57 475	330	1 125	307	63	120	2 050	199	134	29 280
Craftsmen and kindred workers	5 664	4 380	74	92	97	267	2 854	373	18	–	–	183	–	–	1 284
Operatives, including transport	24 870	15 640	86	111	338	390	74	11 793	196	20	43	927	46	–	9 230
Laborers, except farm	2 888	1 716	38	54	77	65	–	201	1 048	–	28	105	–	13	1 159
Farmers and farm managers	1 118	834	–	22	–	–	–	–	–	614	124	–	–	–	284
Farm laborers and farm foremen	2 738	1 347	19	24	47	38	–	40	–	229	892	–	–	–	1 391
Service workers, except private household	51 118	33 589	887	294	462	1 431	136	828	171	43	87	25 759	465	–	17 529
Private household workers	8 487	4 321	106	63	94	105	–	137	–	–	34	368	2 843	–	4 166
Unemployed	21 526	11 510	908	373	957	3 105	242	2 376	151	55	270	2 012	142	20	9 996
Armed Forces	140	76	17	26	–	18	15	–	–	–	–	–	–	27	37
Not in labor force	476 624	77 575	10 127	3 847	6 091	22 074	1 044	7 322	762	434	1 631	14 202	2 260	139	398 910

[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												Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported
		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		
RESIDED DIFFERENT STATE 5 YEARS AGO															
Male	**159 852**	**89 338**	**18 238**	**10 021**	**6 086**	**3 992**	**18 104**	**11 661**	**4 616**	**1 361**	**2 280**	**4 716**	**65**	**33 747**	**36 767**
Employed in 1970	111 965	73 821	16 231	8 321	5 298	3 435	14 895	9 578	3 443	1 041	1 536	3 536	42	18 457	19 687
Professional, technical, and kindred workers	28 762	18 694	13 366	799	472	508	837	485	285	18	82	239	–	3 551	6 517
Managers and administrators, except farm	13 725	10 751	794	5 155	1 088	733	890	531	200	107	36	291	–	1 457	1 517
Sales workers	7 745	5 375	528	534	2 793	121	328	187	208	67	20	85	–	1 329	1 041
Clerical and kindred workers	6 537	3 784	347	366	267	1 396	351	329	119	–	57	118	–	1 875	878
Craftsmen and kindred workers	25 651	17 667	715	789	280	283	10 266	2 184	759	236	207	498	–	4 913	3 071
Operatives, including transport	13 963	8 728	166	311	238	215	1 227	4 402	524	135	148	569	–	2 592	2 643
Laborers, except farm	6 143	3 258	85	60	82	38	425	795	1 019	102	112	212	–	1 318	1 567
Farmers and farm managers	1 027	656	41	45	20	–	65	19	–	260	120	–	–	103	268
Farm laborers and farm foremen	2 152	1 683	23	39	–	–	212	227	107	98	732	97	–	64	405
Service workers, except private household	6 198	3 163	166	223	58	121	294	419	222	18	22	1 427	–	1 255	1 780
Private household workers	62	62	–	–	–	20	–	–	–	–	–	–	42	–	–
Unemployed	9 987	6 292	872	484	312	117	1 700	895	616	65	351	327	–	1 799	1 896
Armed Forces	14 959	1 286	113	78	83	136	223	163	37	–	17	83	–	12 041	1 632
Not in labor force	22 941	7 939	1 022	1 138	393	304	1 286	1 025	520	255	376	770	23	1 450	13 552
Female	**148 698**	**47 881**	**9 908**	**1 797**	**2 568**	**15 917**	**723**	**2 980**	**244**	**131**	**254**	**7 770**	**854**	**792**	**100 025**
Employed in 1970	52 195	24 816	6 074	1 041	1 234	7 891	414	1 385	207	61	67	3 582	390	290	27 089
Professional, technical, and kindred workers	12 445	6 821	5 059	133	97	719	–	65	–	–	20	161	19	111	5 513
Managers and administrators, except farm	2 396	1 176	272	523	77	179	23	35	–	–	–	16	–	56	1 164
Sales workers	3 985	1 272	41	70	435	221	19	52	16	19	–	220	24	19	2 694
Clerical and kindred workers	16 696	8 811	459	228	378	6 094	61	208	89	–	–	499	–	53	7 832
Craftsmen and kindred workers	737	564	17	–	23	62	205	79	18	–	–	38	20	51	122
Operatives, including transport	3 905	1 469	66	22	82	210	69	711	–	–	–	133	21	–	2 436
Laborers, except farm	214	85	–	23	–	–	–	–	43	–	–	19	–	–	129
Farmers and farm managers	128	75	–	–	–	–	–	–	–	–	18	–	–	–	53
Farm laborers and farm foremen	537	129	–	–	–	–	–	43	–	20	29	20	–	–	408
Service workers, except private household	9 578	3 813	142	42	126	350	37	151	41	22	–	2 324	86	–	5 765
Private household workers	1 574	601	18	–	16	56	–	41	–	–	–	152	220	–	973
Unemployed	5 100	2 291	377	66	204	683	19	238	18	–	31	441	35	32	2 777
Armed Forces	189	75	–	–	–	–	–	–	–	–	–	–	–	94	20
Not in labor force	91 214	20 699	3 457	690	1 130	7 343	290	1 357	19	70	156	3 747	429	376	70 139

[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	**783 307**	**92 753**	**145 374**	**282 489**	**133 557**	**129 134**
Professional, technical, and kindred workers	128 446	1 654	4 275	19 773	24 374	78 370
Engineers	28 469	280	856	3 537	5 341	18 455
Lawyers and judges	3 816	15	7	75	51	3 668
Life and physical scientists	2 509	25	43	181	246	2 014
Physicians, dentists, and related practitioners	9 068	19	20	145	255	8 629
Health workers, except practitioners	2 261	54	90	528	707	882
Social and recreation workers	2 138	40	84	287	299	1 428
Teachers	23 595	103	254	859	1 125	21 254
Technicians, except health	16 282	340	1 017	6 637	6 205	2 083
Writers, artists, and entertainers	8 088	192	625	2 049	2 644	2 578
Other professional, technical, and kindred workers	32 220	586	1 279	5 475	7 501	17 379
Managers and administrators, except farm	93 773	5 702	10 180	32 932	21 663	23 296
Salaried	75 546	3 242	7 204	25 531	18 209	21 360
Manufacturing	12 455	461	991	3 927	3 016	4 060
Retail trade	16 021	693	1 893	6 736	4 281	2 418
All other industries	47 070	2 088	4 320	14 868	10 912	14 882
Self-employed	18 227	2 460	2 976	7 401	3 454	1 936
Retail trade	7 821	993	1 258	3 483	1 413	674
All other industries	10 406	1 467	1 718	3 918	2 041	1 262
Sales workers	55 536	2 800	6 989	20 472	14 841	10 434
Manufacturing and wholesale trade	18 125	865	2 170	6 529	4 710	3 851
Retail trade	19 705	1 173	3 495	8 425	5 072	1 540
All other industries	17 706	762	1 324	5 518	5 059	5 043
Clerical and kindred workers	50 043	2 703	6 293	21 589	13 683	5 775
Bookkeepers and billing clerks	3 184	131	251	1 222	1 114	466
Mail handlers and postal clerks	7 331	377	969	3 990	1 605	390
Other clerical and kindred workers	39 528	2 195	5 073	16 377	10 964	4 919
Craftsmen and kindred workers	172 129	25 950	38 730	79 762	22 944	4 743
Carpenters	16 302	3 168	3 833	7 153	1 823	325
Construction craftsmen, except carpenters	33 657	5 578	8 249	15 097	4 233	500
Automobile mechanics, including body repairmen	14 157	2 232	3 777	6 413	1 622	113
Mechanics and repairmen, except auto	28 077	3 648	5 898	13 725	4 175	631
Machinists	7 843	1 141	1 615	4 025	975	87
Metal craftsmen, except mechanics and machinists	10 792	1 590	2 626	5 188	1 262	126
Foremen, n.e.c	20 909	2 402	3 844	9 293	3 634	1 736
Other craftsmen and kindred workers	40 392	6 191	8 888	18 868	5 220	1 225
Operatives, except transport	83 715	14 085	21 968	36 478	9 833	1 351
Assemblers	3 533	426	894	1 665	486	62
Garage workers and gas station attendants	8 042	414	3 122	2 907	1 521	78
Laundry and drycleaning operatives, including ironers	1 076	236	302	359	145	34
Precision machine operatives	2 623	431	612	1 183	345	52
Other operatives, except transport	68 441	12 578	17 038	30 364	7 336	1 125
Durable goods, manufacturing	33 340	6 817	8 489	14 316	3 296	422
Nondurable goods, including not specified manufacturing	15 093	2 337	3 452	7 422	1 624	258
Nonmanufacturing industries	20 008	3 424	5 097	8 626	2 416	445
Transport equipment operatives	43 411	7 066	11 942	18 914	4 916	573
Truck drivers	21 891	3 936	6 644	9 238	1 898	175
Other transport equipment operatives	21 520	3 130	5 298	9 676	3 018	398
Laborers, except farm	60 239	11 686	19 622	21 109	6 774	1 048
Construction laborers	8 335	1 929	2 373	3 049	831	153
Freight, stock, and material handlers	23 778	3 191	8 416	8 738	3 097	336
Other laborers, except farm	28 126	6 566	8 833	9 322	2 846	559
Manufacturing industries	11 812	2 771	3 184	4 721	988	148
Farmers and farm managers	18 001	4 232	2 983	6 979	2 489	1 318
Farm laborers and farm foremen	18 006	6 500	5 379	4 026	1 665	436
Service workers, except private household[1]	59 637	10 291	16 874	20 388	10 321	1 763
Cleaning service workers	20 953	5 428	6 280	5 986	2 853	406
Food service workers	15 198	1 641	6 169	4 448	2 589	351
Health service workers	1 737	168	268	699	514	88
Personal service workers	5 916	995	1 576	2 197	960	188
Protective service workers	12 449	1 032	1 809	6 057	3 026	525
Private household workers	371	84	139	67	54	27
Female employed, 16 years old and over	**449 756**	**31 289**	**76 141**	**199 148**	**86 504**	**56 674**
Professional, technical, and kindred workers	77 939	1 002	3 019	13 807	17 924	42 187
Registered nurses	14 724	211	505	3 468	6 830	3 710
Health workers, except nurses	5 100	70	250	950	1 154	2 676
Teachers, elementary and secondary schools	26 762	118	352	794	1 725	23 773
Technicians, except health	2 082	26	136	945	574	401
Other professional, technical, and kindred workers	29 271	577	1 776	7 650	7 641	11 627
Managers and administrators, except farm	19 029	1 009	2 477	9 509	3 886	2 148
Salaried	14 736	609	1 645	7 506	3 092	1 884
Self-employed	4 293	400	832	2 003	794	264
Sales workers	35 517	1 940	7 714	18 222	6 231	1 410
Retail trade	28 520	1 591	6 584	14 838	4 637	870
Clerical and kindred workers	165 258	3 169	17 576	95 169	41 327	8 017
Bookkeepers and cashiers	33 255	813	4 896	19 579	6 957	1 010
Office machine operators	6 247	94	557	4 001	1 449	146
Secretaries, stenographers, and typists	53 306	345	2 824	31 201	16 377	2 559
Other clerical and kindred workers	72 450	1 917	9 299	40 388	16 544	4 302
Craftsmen and kindred workers	7 587	961	1 697	3 614	1 046	269
Operatives, except transport	31 850	6 543	9 323	13 400	2 183	401
Sewers and stitchers	3 725	900	993	1 556	242	34
Laundry and drycleaning operatives, including ironers	3 599	850	1 260	1 259	195	35
Other operatives, except transport	24 526	4 793	7 070	10 585	1 746	332
Durable goods, manufacturing	5 978	874	1 710	2 998	343	53
Nondurable goods, including not specified manufacturing	8 452	1 930	2 523	3 415	540	44
Nonmanufacturing industries	10 096	1 989	2 837	4 172	863	235
Transport equipment operatives	2 463	262	588	1 299	270	44
Laborers, except farm	4 640	776	1 404	1 893	458	109
Farmers and farm managers	1 281	306	250	511	159	55
Farm laborers and farm foremen	3 941	1 094	1 201	1 247	307	92
Service workers, except private household[1]	86 462	10 864	25 890	36 521	11 600	1 587
Cleaning service workers	8 919	2 240	2 864	3 094	634	87
Food service workers	39 160	4 387	14 460	16 036	3 906	371
Health service workers	17 287	1 690	4 102	7 352	3 816	327
Practical nurses	4 346	317	780	1 758	1 424	67
Personal service workers	14 054	1 017	2 597	7 383	2 569	488
Protective service workers	601	37	125	294	114	31
Private household workers	13 789	3 363	5 002	3 956	1 113	355

[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: 1 to 3 years	High school: 4 years	College: 1 to 3 years	College: 4 years or more
NEGRO						
Male employed, 16 years old and over	**12 306**	**2 515**	**2 929**	**4 055**	**1 933**	**874**
Professional, technical, and kindred workers	1 320	31	123	291	314	561
Engineers	132	-	4	5	27	96
Lawyers and judges	15	-	-	-	-	15
Life and physical scientists	13	-	-	-	-	13
Physicians, dentists, and related practitioners	29	-	-	-	-	29
Health workers, except practitioners	59	12	10	14	9	14
Social and recreation workers	137	-	-	64	24	49
Teachers	172	-	-	20	27	125
Technicians, except health	133	-	21	64	39	9
Writers, artists, and entertainers	165	9	26	31	41	58
Other professional, technical, and kindred workers	465	10	62	93	147	153
Managers and administrators, except farm	601	53	97	183	132	136
Salaried	444	20	60	113	130	121
Manufacturing	31	4	-	13	8	6
Retail trade	60	12	5	22	21	-
All other industries	353	4	55	78	101	115
Self-employed	157	33	37	70	2	15
Retail trade	26	5	5	14	2	-
All other industries	131	28	32	56	-	15
Sales workers	316	22	47	124	84	39
Manufacturing and wholesale trade	77	15	10	11	14	27
Retail trade	152	7	27	77	35	6
All other industries	87	-	10	36	35	6
Clerical and kindred workers	1 082	62	166	428	353	73
Bookkeepers and billing clerks	22	-	-	-	16	6
Mail handlers and postal clerks	261	19	54	83	79	26
Other clerical and kindred workers	799	43	112	345	258	41
Craftsmen and kindred workers	2 319	516	536	911	341	15
Carpenters	137	39	29	58	11	-
Construction craftsmen, except carpenters	543	145	161	178	55	4
Automobile mechanics, including body repairmen	164	32	50	63	19	-
Mechanics and repairmen, except auto	429	55	93	184	97	-
Machinists	63	23	4	25	11	-
Metal craftsmen, except mechanics and machinists	152	18	33	77	24	-
Foremen, n.e.c	184	33	25	80	40	6
Other craftsmen and kindred workers	647	171	141	246	84	5
Operatives, except transport	1 999	425	522	830	205	17
Assemblers	110	13	19	39	39	-
Garage workers and gas station attendants	79	12	22	41	4	-
Laundry and drycleaning operatives, including ironers	74	36	15	23	-	-
Precision machine operatives	49	8	25	10	6	-
Other operatives, except transport	1 687	356	441	717	156	17
Durable goods, manufacturing	1 036	203	261	450	111	11
Nondurable goods, including not specified manufacturing	221	30	77	90	18	6
Nonmanufacturing industries	430	123	103	177	27	-
Transport equipment operatives	567	145	150	175	97	-
Truck drivers	229	57	57	60	55	-
Other transport equipment operatives	338	88	93	115	42	-
Laborers, except farm	1 554	471	562	393	119	9
Construction laborers	255	120	85	41	9	-
Freight, stock, and material handlers	454	48	203	136	67	-
Other laborers, except farm	845	303	274	216	43	9
Manufacturing industries	267	81	104	66	16	-
Farmers and farm managers	32	-	10	17	5	-
Farm laborers and farm foremen	136	79	41	16	-	-
Service workers, except private household[1]	2 361	706	670	678	283	24
Cleaning service workers	1 091	445	309	243	80	14
Food service workers	483	72	188	176	37	10
Health service workers	99	27	12	39	21	-
Personal service workers	219	41	34	87	57	-
Protective service workers	188	16	43	60	69	-
Private household workers	19	5	5	9	-	-
Female employed, 16 years old and over	**9 354**	**1 456**	**2 349**	**3 273**	**1 615**	**661**
Professional, technical, and kindred workers	1 320	58	87	278	380	517
Registered nurses	251	6	25	101	92	27
Health workers, except nurses	135	4	21	41	19	50
Teachers, elementary and secondary schools	340	15	12	23	39	251
Technicians, except health	33	10	-	14	-	9
Other professional, technical, and kindred workers	561	23	29	99	230	180
Managers and administrators, except farm	198	8	32	83	56	19
Salaried	156	6	18	67	46	19
Self-employed	42	2	14	16	10	-
Sales workers	335	28	101	159	42	5
Retail trade	312	28	89	148	42	5
Clerical and kindred workers	2 484	72	419	1 288	647	58
Bookkeepers and cashiers	190	9	52	80	49	-
Office machine operators	165	3	11	122	29	-
Secretaries, stenographers, and typists	640	9	52	370	199	10
Other clerical and kindred workers	1 489	51	304	716	370	48
Craftsmen and kindred workers	183	12	75	62	22	12
Operatives, except transport	1 196	271	429	409	78	9
Sewers and stitchers	101	16	38	42	5	-
Laundry and drycleaning operatives, including ironers	358	130	135	81	8	4
Other operatives, except transport	737	125	256	286	65	5
Durable goods, manufacturing	300	18	109	131	37	5
Nondurable goods, including not specified manufacturing	252	75	80	76	21	-
Nonmanufacturing industries	185	32	67	79	7	-
Transport equipment operatives	18	5	3	10	-	-
Laborers, except farm	147	75	31	21	20	-
Farmers and farm managers	20	8	-	12	-	-
Farm laborers and farm foremen	23	16	4	-	3	-
Service workers, except private household[1]	2 713	480	993	860	342	38
Cleaning service workers	601	200	231	134	36	-
Food service workers	531	94	229	136	72	-
Health service workers	818	74	232	390	122	-
Practical nurses	340	11	61	210	58	-
Personal service workers	419	51	142	135	78	13
Protective service workers	9	-	9	-	-	-
Private household workers	717	423	175	91	25	3

[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: 1 to 3 years	High school: 4 years	College: 1 to 3 years	College: 4 years or more
PERSONS OF SPANISH LANGUAGE						
Male employed, 16 years old and over	**13 702**	**4 136**	**2 408**	**3 587**	**1 967**	**1 604**
Professional, technical, and kindred workers	1 634	34	77	249	307	967
Engineers	428	13	21	31	62	301
Lawyers and judges	30	-	-	-	-	30
Life and physical scientists	26	-	7	-	-	19
Physicians, dentists, and related practitioners	95	-	-	-	9	86
Health workers, except practitioners	64	7	-	15	7	35
Social and recreation workers	38	-	5	6	6	21
Teachers	269	-	-	13	-	256
Technicians, except health	201	7	-	95	73	26
Writers, artists, and entertainers	153	-	23	60	28	42
Other professional, technical, and kindred workers	330	7	21	29	122	151
Managers and administrators, except farm	1 090	76	181	250	309	274
Salaried	909	45	151	231	263	219
Manufacturing	146	21	-	26	79	20
Retail trade	246	-	45	76	76	49
All other industries	517	24	106	129	108	150
Self-employed	181	31	30	19	46	55
Retail trade	96	22	23	12	17	22
All other industries	85	9	7	7	29	33
Sales workers	800	31	92	280	271	126
Manufacturing and wholesale trade	208	24	15	77	56	36
Retail trade	352	7	62	136	119	28
All other industries	240	-	15	67	96	62
Clerical and kindred workers	666	42	112	227	218	67
Bookkeepers and billing clerks	69	5	-	14	43	7
Mail handlers and postal clerks	92	-	14	49	29	-
Other clerical and kindred workers	505	37	98	164	146	60
Craftsmen and kindred workers	2 165	490	424	907	277	67
Carpenters	167	22	65	48	26	6
Construction craftsmen, except carpenters	487	139	145	154	41	8
Automobile mechanics, including body repairmen	197	72	27	68	30	-
Mechanics and repairmen, except auto	396	47	36	219	88	6
Machinists	82	17	8	57	-	-
Metal craftsmen, except mechanics and machinists	131	17	28	81	5	-
Foremen, n.e.c	236	43	46	58	47	42
Other craftsmen and kindred workers	469	133	69	222	40	5
Operatives, except transport	1 564	415	349	638	130	32
Assemblers	103	19	31	34	19	-
Garage workers and gas station attendants	157	-	74	83	-	-
Laundry and drycleaning operatives, including ironers	33	-	-	27	6	-
Precision machine operatives	55	8	13	21	13	-
Other operatives, except transport	1 216	388	231	473	92	32
Durable goods, manufacturing	585	141	139	263	42	-
Nondurable goods, including not specified manufacturing	346	153	40	121	20	12
Nonmanufacturing industries	285	94	52	89	30	20
Transport equipment operatives	787	245	141	291	93	17
Truck drivers	331	114	71	118	20	8
Other transport equipment operatives	456	131	70	173	73	9
Laborers, except farm	1 282	509	339	331	95	8
Construction laborers	150	110	5	35	-	-
Freight, stock, and material handlers	471	99	164	181	27	-
Other laborers, except farm	661	300	170	115	68	8
Manufacturing industries	224	109	29	65	21	-
Farmers and farm managers	127	62	16	21	23	5
Farm laborers and farm foremen	2 487	1 995	335	101	56	-
Service workers, except private household[1]	1 092	237	342	292	180	41
Cleaning service workers	456	149	160	92	50	5
Food service workers	314	36	93	105	73	7
Health service workers	70	6	14	28	17	5
Personal service workers	116	19	53	34	-	10
Protective service workers	95	15	8	18	40	14
Private household workers	8	-	-	-	8	-
Female employed, 16 years old and over	**6 638**	**1 424**	**1 135**	**2 397**	**1 157**	**525**
Professional, technical, and kindred workers	820	42	48	139	210	381
Registered nurses	115	13	9	10	46	37
Health workers, except nurses	87	-	-	36	18	33
Teachers, elementary and secondary schools	280	20	12	15	39	194
Technicians, except health	28	-	13	15	-	-
Other professional, technical, and kindred workers	310	9	14	63	107	117
Managers and administrators, except farm	159	12	31	75	34	7
Salaried	129	12	21	60	29	7
Self-employed	30	-	10	15	5	-
Sales workers	404	42	94	187	59	22
Retail trade	306	35	60	164	47	-
Clerical and kindred workers	2 020	68	253	1 026	630	43
Bookkeepers and cashiers	336	6	44	211	61	14
Office machine operators	99	-	6	52	41	-
Secretaries, stenographers, and typists	673	8	42	332	276	15
Other clerical and kindred workers	912	54	161	431	252	14
Craftsmen and kindred workers	69	23	6	35	5	-
Operatives, except transport	1 085	516	258	258	39	14
Sewers and stitchers	164	73	30	49	12	-
Laundry and drycleaning operatives, including ironers	87	5	54	22	-	6
Other operatives, except transport	834	438	174	187	27	8
Durable goods, manufacturing	100	48	36	16	-	-
Nondurable goods, including not specified manufacturing	554	303	95	127	21	8
Nonmanufacturing industries	180	87	43	44	6	-
Transport equipment operatives	16	-	-	10	6	-
Laborers, except farm	130	57	26	47	-	-
Farmers and farm managers	22	5	-	8	9	-
Farm laborers and farm foremen	461	371	73	5	-	12
Service workers, except private household[1]	1 278	232	269	566	165	46
Cleaning service workers	146	65	33	48	-	-
Food service workers	446	48	127	211	44	16
Health service workers	331	53	39	166	66	7
Practical nurses	68	-	7	22	39	-
Personal service workers	253	29	36	126	45	17
Protective service workers	-	-	-	-	-	-
Private household workers	174	56	77	41	-	-

[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							
						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												
Total employed	**1 233 063**	**54 769**	**2 193**	**75 515**	**266 875**	**43 189**	**6 203**	**4 420**	**8 856**	**8 256**	**10 661**	**6 502**
Professional, technical, and kindred workers	**206 385**	**3 082**	**210**	**5 173**	**38 576**	**1 765**	**308**	**254**	**604**	**482**	**1 195**	**1 615**
Accountants	12 945	106	26	486	2 614	388	61	22	97	90	135	73
Architects	1 569	152	–	75	151	31	–	–	–	–	5	–
Computer specialists	3 903	–	5	44	1 917	124	7	4	40	–	103	35
Engineers	28 920	272	53	2 662	17 686	327	89	57	198	144	560	841
Chemical	789	–	–	5	580	15	15	–	12	–	4	5
Civil	5 025	193	–	2 166	691	39	5	6	5	12	5	–
Electrical and electronic	5 396	6	–	131	3 019	20	10	10	27	25	48	517
Industrial	3 151	5	8	81	2 511	45	10	11	42	24	24	75
Mechanical	4 399	25	5	103	3 073	51	6	13	67	42	288	59
Other engineers	10 160	43	40	176	7 812	157	43	17	45	41	191	185
Mathematical specialists	563	16	–	5	224	20	–	–	7	–	–	–
Life and physical scientists	2 939	159	33	29	790	31	36	38	51	4	11	12
Chemists	1 142	–	4	–	592	20	25	38	51	4	11	–
Personnel and labor relations workers	4 963	50	5	63	1 115	119	5	13	44	22	30	23
Social scientists	1 655	5	–	25	378	77	9	7	–	5	16	5
Engineering and science technicians	13 858	259	61	1 276	6 105	234	70	87	143	158	247	483
Draftsmen	4 408	38	24	470	1 982	65	24	32	52	126	194	107
Electrical and electronic engineering technicians	2 815	14	–	59	1 499	15	–	–	12	–	24	315
Industrial and mechanical engineering technicians	464	–	13	–	405	11	–	11	12	7	9	7
Technicians, except health, and engineering and science	4 506	168	–	84	854	20	–	–	4	11	–	10
Writers, artists, and entertainers	12 049	246	5	132	2 830	100	15	13	5	19	73	98
Other professional, technical, and kindred workers	118 515	1 649	22	292	3 912	294	16	13	15	29	15	35
Managers and administrators, except farm	**112 802**	**963**	**161**	**8 963**	**14 651**	**2 181**	**525**	**211**	**293**	**594**	**971**	**644**
Buyers, purchasing agents, and sales managers	14 438	84	13	415	3 151	330	72	39	52	128	180	184
Other managers and administrators	98 364	879	148	8 548	11 500	1 851	453	172	241	466	791	460
Salaried	76 534	492	114	5 128	10 055	1 500	372	162	219	381	656	429
Self-employed	21 830	387	34	3 420	1 445	351	81	10	22	85	135	31
Sales workers	**91 053**	**319**	**10**	**552**	**7 369**	**327**	**224**	**67**	**65**	**338**	**430**	**299**
Clerical and kindred workers	**215 301**	**1 342**	**223**	**5 235**	**30 812**	**2 569**	**542**	**396**	**578**	**845**	**1 214**	**839**
Bookkeepers	25 845	382	47	1 514	3 147	563	133	21	76	205	214	82
Cashiers	12 758	11	4	26	86	16	5	–	10	6	–	–
Estimators and investigators, n.e.c	5 350	22	6	849	876	29	24	–	5	65	42	10
Office machine operators	8 056	37	15	158	1 845	161	18	24	52	31	70	68
Shipping and receiving clerks	4 383	17	–	37	1 531	245	12	66	44	122	126	67
Stock clerks and storekeepers	6 698	21	–	106	2 763	80	26	5	27	39	102	39
Other clerical and kindred workers	152 211	852	151	2 545	20 564	1 475	324	280	364	377	660	573
Craftsmen and kindred workers	**179 716**	**1 382**	**407**	**39 782**	**68 917**	**8 821**	**1 262**	**1 521**	**2 764**	**2 623**	**3 777**	**1 044**
Blacksmiths, forgemen, hammermen, and boilermakers	1 121	5	4	134	664	5	4	40	22	143	58	5
Brickmasons and stonemasons	1 368	–	–	1 067	210	–	27	23	104	17	–	–
Carpenters	16 491	197	10	11 468	2 358	343	81	–	41	37	48	10
Cranemen, derrickmen, and hoistmen	3 652	4	34	441	2 571	927	65	318	544	91	60	–
Electricians	10 037	3	4	3 436	4 588	322	35	52	316	34	46	88
Excavating, grading, and road machine operators	6 579	180	70	4 557	1 120	843	69	–	20	9	5	–
Foremen, n.e.c	22 210	323	99	2 311	12 067	1 782	322	262	667	472	385	288
Mechanics and repairmen	43 141	363	107	1 889	13 916	1 292	366	96	467	281	629	156
Automobile, including body	14 273	70	18	301	949	291	149	4	14	18	48	11
Machinists, job setters, and toolmakers	9 944	15	–	79	8 450	225	86	218	177	360	2 135	169
Metal craftsmen, except mechanics and machinists	7 827	5	15	1 068	6 179	684	14	394	240	669	188	70
Painters, construction and maintenance, and plasterers and paperhangers	5 321	36	5	2 857	1 053	36	–	5	15	34	49	4
Plumbers and pipe fitters	6 738	11	10	3 040	2 509	131	5	5	47	31	49	19
Printing craftsmen	4 538	–	4	26	3 814	24	–	4	10	29	18	10
Stationary engineers and power station operators	3 414	16	15	103	1 057	134	48	15	33	14	16	10
Other craftsmen and kindred workers	37 335	224	30	7 306	8 361	2 073	140	89	61	402	91	215
Operatives, except transport	**115 565**	**664**	**828**	**4 213**	**72 046**	**12 647**	**1 731**	**1 431**	**3 353**	**2 703**	**2 674**	**1 863**
Assemblers	5 489	–	–	37	5 086	878	21	18	36	222	341	811
Checkers, examiners, and inspectors; manufacturing	4 150	–	–	–	4 150	115	141	42	98	136	122	189
Filers, polishers, sanders, and buffers	1 113	–	–	10	938	481	39	11	43	70	23	31
Painters, manufactured articles	1 249	–	–	–	713	72	5	11	9	32	37	29
Precision machine operatives	2 748	14	6	25	2 467	247	21	141	65	148	628	38
Welders and flamecutters	7 460	32	30	904	5 084	263	80	167	207	732	690	83
Other specified operatives	58 960	313	792	2 746	26 242	5 452	532	341	1 014	567	251	260
Machine operatives, miscellaneous specified	15 351	63	–	153	13 323	2 260	357	326	1 180	365	135	108
Machine operatives, not specified	4 338	17	–	81	3 681	539	79	91	149	131	180	125
Miscellaneous operatives	10 617	215	–	165	7 033	1 542	233	167	421	214	195	146
Not specified operatives	4 090	10	–	92	3 329	798	223	116	131	86	72	43

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	**45 874**	**632**	**204**	**2 930**	**10 315**	**3 363**	**970**	**157**	**314**	**197**	**110**	**41**
Deliverymen and routemen	8 590	130	–	66	1 716	74	57	14	9	14	19	4
Truck drivers	22 215	407	184	2 644	4 916	2 140	795	59	105	111	65	13
Other transport equipment operatives	15 069	95	20	220	3 683	1 149	118	84	200	72	26	24
Laborers, except farm	**64 879**	**4 767**	**102**	**7 984**	**19 501**	**10 880**	**521**	**320**	**550**	**392**	**163**	**82**
Freight, stock, and material handlers	25 895	66	65	264	6 609	3 672	181	36	115	183	44	38
Other specified laborers	28 140	4 046	31	7 687	7 963	5 629	88	21	68	36	25	24
Miscellaneous laborers	4 371	429	6	16	1 753	809	31	143	91	48	12	2
Not specified laborers	6 473	226	–	17	3 176	770	221	120	276	125	82	18
Farm workers	**41 229**	**41 229**	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**160 259**	**389**	**48**	**683**	**4 688**	**636**	**120**	**63**	**335**	**82**	**127**	**75**
Cleaning service workers	29 872	185	32	501	2 741	333	109	44	208	68	110	71
Personal service workers	19 970	19	–	27	129	5	–	–	–	5	–	–
Guards and watchmen	3 835	31	10	38	787	220	6	15	117	4	–	–
Other service workers, including private household	106 582	154	6	117	1 031	78	5	4	10	5	17	4
Female employed	**449 756**	**8 162**	**206**	**4 657**	**47 745**	**3 591**	**749**	**248**	**379**	**888**	**1 235**	**1 932**
Professional, technical, and kindred workers	**77 939**	**245**	**29**	**358**	**3 661**	**207**	**52**	**39**	**27**	**41**	**103**	**111**
Accountants	4 927	49	9	193	626	99	14	11	13	30	47	29
Computer specialists	684	–	–	6	289	4	7	–	–	–	11	–
Life and physical scientists	430	29	–	–	79	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	16 039	4	–	11	124	9	–	13	9	–	–	–
Social scientists	329	–	–	–	38	16	–	–	–	–	11	–
Writers, artists, and entertainers	3 961	71	5	14	698	9	10	–	–	5	16	12
Other professional, technical, and kindred workers	51 569	92	15	134	1 807	70	21	15	5	6	18	70
Managers and administrators, except farm	**19 029**	**83**	**9**	**214**	**873**	**72**	**48**	**9**	–	**23**	**31**	**26**
Salaried	14 736	51	4	178	725	62	25	9	–	23	31	26
Self-employed	4 293	32	5	36	148	10	23	–	–	–	–	–
Sales workers	**35 517**	**147**	–	**50**	**858**	**40**	**17**	**9**	**5**	**6**	**10**	**7**
Clerical and kindred workers	**165 258**	**1 154**	**149**	**3 367**	**19 321**	**1 596**	**342**	**145**	**298**	**530**	**791**	**629**
Bookkeepers	22 825	340	38	1 245	2 529	438	100	16	56	167	191	63
Cashiers	10 430	11	4	21	60	8	5	–	6	–	–	–
Counter clerks, except food	2 410	–	–	5	263	20	4	–	–	–	6	10
File clerks	4 131	10	–	48	960	23	–	5	11	24	24	13
Office machine operators	6 247	37	10	121	1 237	83	14	24	28	31	48	68
Bookkeeping and billing machine operators	964	–	–	16	81	–	–	–	–	18	11	–
Receptionists	6 530	143	–	62	316	25	12	5	4	15	20	5
Secretaries	38 984	183	65	965	5 218	489	139	49	115	131	351	229
Stenographers	2 360	20	8	62	370	4	5	–	14	–	22	18
Typists	11 962	142	–	198	1 795	139	–	–	17	27	26	60
Other clerical and kindred workers	59 379	268	24	640	6 573	367	63	46	47	135	103	163
Craftsmen and kindred workers	**7 587**	**42**	–	**412**	**3 208**	**270**	**43**	**10**	**21**	**15**	**71**	**113**
Foremen, n.e.c	1 301	13	–	9	607	23	10	5	–	5	5	41
Operatives, except transport	**31 850**	**392**	**10**	**47**	**17 871**	**992**	**217**	**31**	**24**	**234**	**200**	**1 021**
Assemblers	1 956	–	–	–	1 783	148	6	–	–	46	70	595
Checkers, examiners, and inspectors; manufacturing	1 100	–	–	–	1 100	23	51	3	–	30	–	65
Packers and wrappers, except meat and produce	3 347	137	–	–	2 101	83	57	–	–	36	4	28
Other operatives, except transport	25 447	255	10	47	12 887	738	103	28	24	122	126	333
Transport equipment operatives	**2 463**	**26**	–	**23**	**180**	**37**	**18**	**2**	–	–	**13**	–
Laborers, except farm	**4 640**	**720**	–	**75**	**1 036**	**276**	**6**	**3**	**4**	**34**	–	**11**
Farm workers	**5 222**	**5 222**	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**100 251**	**131**	**9**	**111**	**737**	**101**	**6**	–	–	**5**	**16**	**14**
Cleaning service workers	8 919	46	9	85	305	55	6	–	–	–	10	10
Personal service workers	14 054	5	–	6	50	–	–	–	–	5	–	–
Other service workers, including private household	77 278	80	–	20	382	46	–	–	–	–	6	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	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	**2 266**	**57 111**	**22 328**	**7 893**	**13 041**	**22 460**	**999**	**5 563**	**19 650**	**12 957**	**6 864**	**1 430**	**6 226**
Professional, technical, and kindred workers	**208**	**17 908**	**2 154**	**4 482**	**1 424**	**875**	**13**	**130**	**1 621**	**1 673**	**1 329**	**55**	**481**
Accountants	41	706	130	195	53	215	–	22	181	71	92	–	42
Architects	–	7	100	4	–	–	–	–	4	–	–	–	–
Computer specialists	23	1 065	42	316	5	19	–	4	65	15	37	–	13
Engineers	76	10 307	925	2 660	228	145	5	12	395	13	573	35	96
Chemical	–	97	5	30	5	–	–	–	73	–	283	–	36
Civil	–	393	22	125	29	5	–	–	16	–	15	–	14
Electrical and electronic	–	1 391	255	585	36	10	–	–	23	6	56	–	–
Industrial	10	1 535	88	356	26	79	–	5	108	–	68	5	–
Mechanical	46	1 404	401	442	38	36	–	–	85	7	78	10	–
Other engineers	20	5 487	154	1 122	94	15	5	7	90	–	73	20	46
Mathematical specialists	–	99	10	53	–	5	–	–	20	5	5	–	–
Life and physical scientists	7	96	44	59	15	79	4	–	110	–	164	–	29
Chemists	–	61	13	19	10	56	4	–	101	–	150	–	29
Personnel and labor relations workers	6	404	76	135	32	55	–	10	82	14	24	–	21
Social scientists	–	162	–	43	–	14	–	–	22	9	9	–	–
Engineering and science technicians	32	2 309	537	518	86	256	–	10	540	28	272	5	90
Draftsmen	26	835	231	119	46	15	–	5	42	4	38	5	16
Electrical and electronic engineering technicians	–	742	156	186	23	5	–	–	4	7	10	–	–
Industrial and mechanical engineering technicians	–	235	27	17	–	25	–	–	29	6	5	–	4
Technicians, except health, and engineering and science	–	729	25	38	–	–	–	–	8	–	9	–	–
Writers, artists, and entertainers	17	609	84	121	83	22	4	50	30	1 460	–	10	17
Other professional, technical, and kindred workers	6	1 415	181	340	922	65	–	22	164	58	144	5	173
Managers and administrators, except farm	**192**	**2 095**	**698**	**570**	**815**	**1 611**	**80**	**254**	**588**	**1 236**	**591**	**178**	**324**
Buyers, purchasing agents, and sales managers	59	521	141	134	103	449	9	38	126	330	142	47	67
Other managers and administrators	133	1 574	557	436	712	1 162	71	216	462	906	449	131	257
Salaried	124	1 569	499	432	458	1 074	61	177	462	704	438	127	211
Self-employed	9	5	58	4	254	88	10	39	–	202	11	4	46
Sales workers	**96**	**178**	**111**	**33**	**375**	**756**	**82**	**241**	**232**	**2 107**	**707**	**89**	**612**
Clerical and kindred workers	**364**	**10 041**	**2 135**	**1 116**	**1 730**	**1 985**	**99**	**395**	**1 619**	**2 816**	**799**	**145**	**585**
Bookkeepers	22	256	205	57	122	424	4	65	162	346	91	43	56
Cashiers	5	5	–	–	6	13	–	9	–	3	4	–	4
Estimators and investigators, n.e.c	19	281	211	62	17	20	6	–	12	53	4	5	11
Office machine operators	15	778	92	55	36	169	–	26	98	115	19	–	18
Shipping and receiving clerks	19	118	15	16	76	172	12	57	211	55	57	37	4
Stock clerks and storekeepers	58	1 534	319	80	29	119	10	24	198	10	44	10	10
Other clerical and kindred workers	226	7 069	1 293	846	1 444	1 068	67	214	938	2 234	580	50	482
Craftsmen and kindred workers	**614**	**16 567**	**11 453**	**816**	**2 955**	**3 454**	**87**	**565**	**4 277**	**3 797**	**1 334**	**194**	**992**
Blacksmiths, forgemen, hammermen, and boilermakers	–	20	269	–	10	4	–	–	35	14	19	–	16
Brickmasons and stonemasons	–	–	–	6	–	5	–	–	24	–	4	–	–
Carpenters	11	98	1 514	19	15	55	–	–	51	9	13	4	9
Cranemen, derrickmen, and hoistmen	5	163	180	15	10	5	–	–	151	–	22	–	15
Electricians	4	1 852	1 244	19	41	111	–	–	248	16	147	–	13
Excavating, grading, and road machine operators	–	–	14	–	–	48	–	–	93	–	11	–	8
Foremen, n.e.c	107	2 644	1 012	313	172	1 248	43	243	1 070	312	426	86	213
Mechanics and repairmen	270	7 131	639	218	121	955	22	67	874	69	183	5	75
Automobile, including body	232	42	21	–	–	89	–	–	25	–	5	–	–
Machinists, job setters, and toolmakers	102	2 514	1 653	114	94	129	–	4	229	20	77	89	55
Metal craftsmen, except mechanics and machinists	91	1 098	1 950	24	127	46	–	5	498	10	71	–	–
Painters, construction and maintenance, and plasterers and paperhangers	14	220	506	6	21	43	–	–	37	10	35	6	12
Plumbers and pipe fitters	–	258	1 396	5	6	17	–	–	333	6	133	–	68
Printing craftsmen	–	108	11	16	10	29	–	17	230	3 293	5	–	–
Stationary engineers and power station operators	–	116	77	12	10	227	–	–	167	5	150	–	23
Other craftsmen and kindred workers	10	345	988	49	2 318	532	22	229	237	33	38	4	485
Operatives, except transport	**680**	**9 017**	**4 460**	**693**	**3 839**	**8 841**	**564**	**3 778**	**8 389**	**764**	**1 540**	**661**	**2 418**
Assemblers	203	1 604	226	149	263	93	–	9	57	14	55	64	22
Checkers, examiners, and inspectors; manufacturing	29	1 405	204	170	53	388	11	204	454	51	33	24	281
Filers, polishers, sanders, and buffers	4	131	26	–	44	4	–	–	17	–	6	3	5
Painters, manufactured articles	44	194	177	–	11	10	–	–	56	–	19	7	–
Precision machine operatives	39	841	178	41	14	23	–	–	20	5	5	7	6
Welders and flamecutters	198	163	2 068	21	35	104	–	–	154	5	47	14	53
Other specified operatives	72	1 812	510	86	2 668	4 484	553	3 151	2 243	195	310	114	1 627
Machine operatives, miscellaneous specified	17	1 110	442	68	249	1 576	–	227	3 657	225	526	284	211
Machine operatives, not specified	12	479	123	65	43	280	–	27	815	132	295	51	65
Miscellaneous operatives	44	774	374	60	402	1 466	–	73	566	124	117	43	72
Not specified operatives	18	504	132	33	57	413	–	87	350	13	127	50	76

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	47	401	247	45	406	2 323	25	22	944	240	178	40	245
Deliverymen and routemen	–	23	8	–	4	1 230	–	–	26	187	33	6	8
Truck drivers	19	192	97	24	55	600	15	22	323	39	113	27	102
Other transport equipment operatives	28	186	142	21	347	493	10	–	595	14	32	7	135
Laborers, except farm	55	270	757	68	1 167	1 789	41	103	1 515	135	225	51	417
Freight, stock, and material handlers	36	122	207	46	69	942	21	67	606	69	115	16	24
Other specified laborers	9	64	182	9	1 002	211	–	12	205	15	18	4	341
Miscellaneous laborers	4	10	177	5	19	60	–	10	284	21	27	–	–
Not specified laborers	6	74	191	8	77	576	20	14	420	30	65	31	52
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	10	634	313	70	330	826	8	75	465	189	161	17	152
Cleaning service workers	5	331	110	35	77	540	8	64	289	146	121	17	55
Personal service workers	–	13	5	–	4	55	–	5	29	5	–	–	3
Guards and watchmen	–	176	42	24	11	39	–	–	98	–	24	–	11
Other service workers, including private household	5	114	156	11	238	192	–	6	49	38	16	–	83
Female employed	242	10 342	1 884	1 162	2 973	6 716	530	4 282	2 955	4 397	937	452	1 851
Professional, technical, and kindred workers	17	1 182	164	266	170	297	4	97	142	528	139	–	75
Accountants	–	146	28	31	33	54	–	15	26	29	21	–	–
Computer specialists	5	167	12	66	–	5	–	4	8	–	–	–	–
Life and physical scientists	–	5	5	–	–	28	–	–	4	–	37	–	–
Registered nurses, dietitians, and therapists	–	55	5	5	4	4	–	–	11	4	–	–	5
Social scientists	–	5	–	–	–	–	–	–	6	–	–	–	–
Writers, artists, and entertainers	12	71	13	19	12	–	4	46	–	462	–	–	7
Other professional, technical, and kindred workers	–	733	101	145	121	206	–	32	87	33	81	–	63
Managers and administrators, except farm	6	107	60	19	96	84	14	39	15	167	23	5	29
Salaried	6	102	54	19	65	73	14	23	15	131	18	5	24
Self-employed	–	5	6	–	31	11	–	16	–	36	5	–	5
Sales workers	6	12	–	4	38	125	27	39	–	429	10	10	64
Clerical and kindred workers	188	5 976	1 092	670	1 172	1 355	54	309	973	2 177	568	94	362
Bookkeepers	22	153	164	24	112	356	4	47	142	319	81	38	36
Cashiers	5	5	–	–	6	8	–	9	–	–	4	–	4
Counter clerks, except food	–	47	–	–	4	23	–	5	10	134	–	–	–
File clerks	5	572	77	52	27	51	–	–	21	50	–	–	5
Office machine operators	15	486	59	8	14	148	–	26	75	84	14	–	12
Bookkeeping and billing machine operators	11	–	6	–	14	21	–	–	–	–	–	–	–
Receptionists	–	30	14	10	15	48	–	–	27	81	–	–	5
Secretaries	62	1 435	202	297	210	316	28	89	322	372	267	23	92
Stenographers	9	185	22	33	–	15	–	–	17	11	9	–	6
Typists	42	589	225	60	35	50	6	21	106	336	47	–	9
Other clerical and kindred workers	28	2 474	329	186	749	340	16	112	253	790	146	33	193
Craftsmen and kindred workers	–	938	197	17	168	174	23	316	78	658	38	–	58
Foremen, n.e.c	–	55	37	–	14	96	16	180	27	65	28	–	–
Operatives, except transport	14	1 934	281	172	1 167	4 277	382	3 421	1 583	371	116	328	1 106
Assemblers	5	471	48	75	167	54	–	9	41	–	6	30	12
Checkers, examiners, and inspectors; manufacturing	–	83	5	15	22	258	11	200	198	46	–	6	84
Packers and wrappers, except meat and produce	–	48	–	–	43	1 213	17	75	411	16	34	36	–
Other operatives, except transport	9	1 332	228	82	935	2 752	354	3 137	933	309	76	256	1 010
Transport equipment operatives	6	3	6	–	–	36	6	6	9	31	–	–	7
Laborers, except farm	–	72	27	10	69	220	20	44	97	–	18	15	110
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	5	118	57	4	93	148	–	11	58	36	25	–	40
Cleaning service workers	–	65	25	4	15	62	–	–	34	5	14	–	–
Personal service workers	–	5	5	–	4	12	–	5	6	5	–	–	3
Other service workers, including private household	5	48	27	–	74	74	–	6	18	26	11	–	37

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	**12 801**	**16 138**	**26 323**	**18 233**	**20 142**	**59 857**	**32 823**	**30 124**	**30 472**	**44 446**	**67 184**	**20 508**	**48 237**
Professional, technical, and kindred workers	**327**	**171**	**2 773**	**2 722**	**2 359**	**2 433**	**794**	**219**	**253**	**626**	**3 103**	**1 144**	**2 356**
Accountants	90	92	253	161	285	679	168	45	167	31	308	474	1 036
Architects	–	–	–	–	11	–	–	–	–	–	6	–	29
Computer specialists	–	–	33	89	64	164	28	–	–	–	20	144	247
Engineers	90	25	575	894	976	574	21	15	10	–	82	61	79
Chemical	–	–	–	–	5	21	–	–	6	–	–	–	–
Civil	74	5	59	33	236	18	10	–	–	–	3	9	30
Electrical and electronic	10	6	–	773	613	48	6	–	4	–	5	–	–
Industrial	–	–	4	20	21	22	–	4	–	–	19	52	19
Mechanical	–	9	465	12	48	98	–	11	–	–	14	–	10
Other engineers	6	5	47	56	53	367	5	–	–	–	41	–	20
Mathematical specialists	–	–	–	47	5	22	–	6	–	–	–	53	11
Life and physical scientists	5	–	12	10	24	41	–	9	–	9	15	–	15
Chemists	–	–	–	6	8	30	–	–	–	9	–	–	11
Personnel and labor relations workers	28	29	58	165	54	148	186	45	9	22	110	124	316
Social scientists	–	–	–	30	35	69	5	–	9	–	21	16	59
Engineering and science technicians	67	6	103	320	465	230	22	21	5	–	38	28	90
Draftsmen	16	6	17	71	174	119	17	10	–	–	17	24	31
Electrical and electronic engineering technicians	22	–	13	228	74	53	5	–	5	–	16	4	6
Industrial and mechanical engineering technicians	–	–	–	5	–	6	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	4	–	1 568	81	28	35	15	–	16	–	23	5	7
Writers, artists, and entertainers	5	10	90	829	115	245	193	22	23	545	313	86	198
Other professional, technical, and kindred workers	38	9	81	96	297	226	156	56	14	19	2 167	153	269
Managers and administrators, except farm	**1 263**	**1 187**	**2 648**	**1 320**	**1 307**	**9 344**	**4 157**	**4 894**	**6 339**	**4 339**	**10 577**	**2 045**	**10 655**
Buyers, purchasing agents, and sales managers	36	52	107	76	133	2 792	1 990	998	577	62	2 205	284	290
Other managers and administrators	1 227	1 135	2 541	1 244	1 174	6 552	2 167	3 896	5 762	4 277	8 372	1 761	10 365
Salaried	1 227	929	2 382	1 219	1 125	5 229	1 724	2 156	3 258	2 222	5 063	1 655	9 384
Self-employed	–	206	159	25	49	1 323	443	1 740	2 504	2 055	3 309	106	981
Sales workers	**55**	**214**	**300**	**494**	**270**	**12 337**	**15 639**	**3 933**	**5 182**	**377**	**23 094**	**6 838**	**10 719**
Clerical and kindred workers	**2 562**	**2 303**	**4 676**	**8 065**	**3 715**	**12 104**	**6 941**	**7 307**	**2 948**	**1 977**	**11 033**	**10 091**	**20 082**
Bookkeepers	59	446	349	267	330	2 819	785	681	1 561	387	3 282	663	2 547
Cashiers	68	37	171	65	135	131	1 398	5 341	129	1 328	1 422	52	285
Estimators and investigators, n.e.c	112	80	58	152	158	157	251	36	159	15	139	356	522
Office machine operators	175	96	110	194	160	572	296	86	26	5	146	405	1 334
Shipping and receiving clerks	100	155	258	32	5	1 090	385	76	34	–	331	24	9
Stock clerks and storekeepers	109	70	105	60	79	627	496	354	130	6	382	69	49
Other clerical and kindred workers	1 939	1 419	3 625	7 295	2 848	6 708	3 330	733	909	236	5 331	8 522	15 336
Craftsmen and kindred workers	**4 079**	**1 390**	**2 888**	**5 154**	**6 746**	**6 724**	**1 536**	**1 266**	**6 434**	**149**	**7 804**	**196**	**1 116**
Blacksmiths, forgemen, hammermen, and boilermakers	31	–	6	–	22	19	–	–	6	–	–	–	–
Brickmasons and stonemasons	–	–	–	–	12	11	–	–	–	4	8	4	7
Carpenters	133	31	112	11	78	102	78	11	54	26	296	11	273
Cranemen, derrickmen, and hoistmen	60	16	169	–	42	172	–	–	–	–	20	–	–
Electricians	130	12	122	35	520	102	47	6	–	–	118	–	17
Excavating, grading, and road machine operators	40	15	42	11	255	29	–	–	–	–	25	–	61
Foremen, n.e.c	518	507	369	312	794	1 681	329	227	242	32	474	58	146
Mechanics and repairmen	933	607	1 613	163	1 087	2 500	623	85	5 814	17	2 267	19	112
Automobile, including body	19	485	341	32	144	473	176	39	5 475	–	141	–	5
Machinists, job setters, and toolmakers	154	6	107	10	52	369	–	–	64	–	21	–	14
Metal craftsmen, except mechanics and machinists	47	10	43	5	18	113	–	–	3	–	108	–	6
Painters, construction and maintenance, and plasterers and paperhangers	46	20	43	–	51	53	14	16	4	5	101	–	232
Plumbers and pipe fitters	26	–	25	24	229	68	–	5	14	–	219	–	24
Printing craftsmen	–	10	–	36	10	116	21	–	6	–	37	23	38
Stationary engineers and power station operators	5	43	61	10	1 146	142	6	29	5	–	4	–	48
Other craftsmen and kindred workers	1 956	113	176	4 537	2 430	1 247	418	887	222	65	4 106	81	138
Operatives, except transport	**484**	**1 125**	**1 893**	**99**	**850**	**6 248**	**659**	**3 920**	**8 030**	**218**	**2 285**	**22**	**149**
Assemblers	–	–	5	5	9	69	4	5	15	–	73	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	–	4	–	–	39	–	–	15	6	5	–	9
Painters, manufactured articles	4	–	14	–	4	30	–	–	119	–	15	–	14
Precision machine operatives	15	–	–	–	–	81	–	5	20	–	6	–	–
Welders and flamecutters	130	29	74	–	114	344	–	–	29	–	52	–	5
Other specified operatives	75	820	1 282	34	349	4 012	576	3 686	7 619	115	1 669	4	62
Machine operatives, miscellaneous specified	9	86	31	6	35	576	26	36	120	97	199	14	31
Machine operatives, not specified	61	–	26	18	56	216	–	9	–	–	23	4	10
Miscellaneous operatives	106	175	445	31	241	725	36	122	66	–	168	–	18
Not specified operatives	84	15	12	5	42	156	17	57	27	–	75	–	–

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	**2 246**	**7 853**	**5 213**	**118**	**1 691**	**5 670**	**419**	**622**	**520**	**231**	**3 173**	**–**	**91**
Deliverymen and routemen	5	573	35	70	33	2 428	273	359	174	166	1 510	–	–
Truck drivers	163	6 983	191	34	774	2 542	121	180	293	41	1 348	–	43
Other transport equipment operatives	2 078	297	4 987	14	884	700	25	83	53	24	315	–	48
Laborers, except farm	**1 393**	**1 675**	**3 393**	**104**	**2 458**	**4 392**	**876**	**6 948**	**515**	**150**	**2 138**	**21**	**821**
Freight, stock, and material handlers	199	1 468	3 022	26	709	3 238	820	6 730	67	86	946	5	34
Other specified laborers	98	101	239	51	977	422	24	67	337	–	755	11	574
Miscellaneous laborers	874	5	63	5	490	223	–	10	22	–	125	5	51
Not specified laborers	222	101	69	22	282	509	32	141	89	64	312	–	162
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**392**	**220**	**2 539**	**157**	**746**	**605**	**1 802**	**1 015**	**251**	**36 379**	**3 977**	**151**	**2 248**
Cleaning service workers	119	142	264	111	470	418	528	329	207	806	627	127	1 407
Personal service workers	39	27	1 623	16	–	15	261	30	12	239	174	4	165
Guards and watchmen	42	21	88	5	32	53	121	–	5	20	91	4	180
Other service workers, including private household	192	30	564	25	244	119	892	656	27	35 314	3 085	16	496
Female employed	**966**	**2 743**	**6 422**	**8 818**	**3 103**	**13 976**	**22 735**	**11 636**	**3 343**	**28 672**	**30 709**	**10 163**	**24 868**
Professional, technical, and kindred workers	**25**	**37**	**218**	**537**	**147**	**435**	**490**	**54**	**64**	**215**	**888**	**428**	**902**
Accountants	9	31	103	94	51	234	126	26	64	15	189	274	420
Computer specialists	–	–	–	43	14	35	5	–	–	–	5	29	75
Life and physical scientists	–	–	–	–	–	–	–	–	–	9	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	10	–	6	–	5	–	14	18	–	31
Social scientists	–	–	–	5	–	3	5	–	–	–	11	–	9
Writers, artists, and entertainers	–	–	26	138	5	74	126	–	–	165	147	35	74
Other professional, technical, and kindred workers	16	6	89	247	77	83	228	23	–	12	518	90	293
Managers and administrators, except farm	**28**	**129**	**342**	**286**	**92**	**608**	**1 417**	**803**	**271**	**1 345**	**2 628**	**324**	**2 757**
Salaried	28	118	310	286	86	505	1 217	255	205	629	1 552	308	2 497
Self-employed	–	11	32	–	6	103	200	548	66	716	1 076	16	260
Sales workers	**–**	**7**	**145**	**152**	**21**	**723**	**12 588**	**2 631**	**201**	**185**	**12 915**	**890**	**2 591**
Clerical and kindred workers	**762**	**1 518**	**2 662**	**7 498**	**2 404**	**8 546**	**6 084**	**5 143**	**2 420**	**1 766**	**9 220**	**8 395**	**17 534**
Bookkeepers	25	404	273	260	269	2 450	757	609	1 427	324	3 081	610	2 361
Cashiers	40	28	59	51	113	100	1 331	3 914	101	1 231	1 296	52	270
Counter clerks, except food	–	19	7	112	5	177	311	13	–	17	70	7	13
File clerks	18	50	77	148	54	254	154	12	75	–	91	558	328
Office machine operators	79	91	95	169	120	471	259	65	10	5	132	316	1 079
Bookkeeping and billing machine operators	–	45	4	16	11	62	67	–	10	–	32	15	409
Receptionists	–	33	92	64	26	247	39	7	29	10	148	136	338
Secretaries	130	301	587	508	413	2 302	425	157	279	66	902	2 713	3 542
Stenographers	81	12	53	44	115	102	5	–	5	–	17	115	204
Typists	57	126	134	395	157	452	153	17	73	15	276	1 243	883
Other clerical and kindred workers	332	454	1 285	5 747	1 132	1 991	2 650	349	421	98	3 207	2 645	8 516
Craftsmen and kindred workers	**42**	**11**	**64**	**190**	**44**	**315**	**318**	**211**	**46**	**66**	**1 100**	**38**	**71**
Foremen, n.e.c	–	11	18	54	11	132	89	11	5	8	45	23	31
Operatives, except transport	**9**	**835**	**102**	**46**	**91**	**2 782**	**487**	**1 340**	**246**	**75**	**1 072**	**4**	**47**
Assemblers	–	–	5	5	–	15	–	5	–	–	41	–	–
Checkers, examiners, and inspectors, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	170	38	–	–	406	184	86	–	14	65	4	6
Other operatives, except transport	9	665	59	41	91	2 361	303	1 249	246	61	966	–	41
Transport equipment operatives	**22**	**109**	**1 246**	**9**	**128**	**126**	**17**	**5**	**22**	**11**	**79**	**–**	**10**
Laborers, except farm	**26**	**53**	**147**	**27**	**22**	**341**	**197**	**851**	**11**	**–**	**271**	**5**	**66**
Farm workers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Service workers, including private household	**52**	**44**	**1 496**	**73**	**154**	**100**	**1 137**	**598**	**62**	**25 009**	**2 536**	**79**	**890**
Cleaning service workers	19	20	31	38	39	53	101	19	36	153	108	64	459
Personal service workers	3	18	1 338	16	–	6	239	24	12	111	156	4	113
Other service workers, including private household	30	6	127	19	115	41	797	555	14	24 745	2 272	11	318

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	**21 595**	**16 800**	**12 227**	**40 267**	**10 845**	**38 603**	**33 727**	**91 438**	**21 240**	**20 802**	**30 018**	**68 861**
Professional, technical, and kindred workers	**4 855**	**423**	**511**	**1 155**	**2 620**	**15 434**	**12 632**	**54 099**	**11 755**	**8 275**	**16 164**	**12 141**
Accountants	713	37	192	16	33	130	105	249	60	166	2 423	1 800
Architects	6	-	-	-	5	-	-	24	-	-	1 014	96
Computer specialists	374	-	-	-	-	40	15	273	33	30	128	255
Engineers	720	30	9	6	11	83	51	224	-	64	1 950	1 697
Chemical	130	-	-	-	-	-	-	5	-	-	17	20
Civil	20	-	-	-	-	9	22	28	-	36	758	625
Electrical and electronic	122	16	5	-	11	10	5	78	-	9	251	268
Industrial	130	-	-	-	-	22	-	10	-	4	71	148
Mechanical	101	5	4	-	-	23	8	18	-	-	235	132
Other engineers	217	9	-	6	-	19	16	85	-	15	618	504
Mathematical specialists	19	-	-	-	-	9	5	32	10	-	51	48
Life and physical scientists	281	-	-	-	-	151	105	500	38	-	159	554
Chemists	128	-	-	-	-	34	10	156	7	-	65	82
Personnel and labor relations workers	654	6	29	29	15	83	40	172	32	96	11	1 269
Social scientists	120	-	-	-	-	90	98	275	19	45	47	309
Engineering and science technicians	738	56	11	14	24	79	57	729	83	31	1 538	1 402
Draftsmen	117	5	-	5	-	-	-	60	-	11	937	257
Electrical and electronic engineering technicians	58	37	-	5	24	10	9	156	11	-	45	462
Industrial and mechanical engineering technicians	16	6	-	-	-	-	-	4	-	-	-	9
Technicians, except health, and engineering and science	64	30	-	48	-	-	19	69	54	15	47	1 272
Writers, artists, and entertainers	718	36	116	592	1 681	45	64	648	172	720	1 011	359
Other professional, technical, and kindred workers	448	228	154	450	851	14 724	12 073	50 904	11 254	7 108	7 785	3 080
Managers and administrators, except farm	**1 884**	**1 594**	**2 262**	**1 691**	**1 081**	**1 234**	**1 185**	**4 413**	**1 153**	**2 058**	**761**	**8 673**
Buyers, purchasing agents, and sales managers	160	45	35	50	32	100	34	118	43	44	50	462
Other managers and administrators	1 724	1 549	2 227	1 641	1 049	1 134	1 151	4 295	1 110	2 014	711	8 211
Salaried	1 268	778	1 123	935	799	1 134	1 018	4 295	1 001	2 014	596	8 211
Self-employed	456	771	1 104	706	250	-	133	-	109	-	115	-
Sales workers	**1 181**	**303**	**53**	**344**	**309**	**31**	**47**	**85**	**211**	**267**	**227**	**293**
Clerical and kindred workers	**5 977**	**1 812**	**1 724**	**2 632**	**1 663**	**6 369**	**5 890**	**15 735**	**3 389**	**4 885**	**8 208**	**25 601**
Bookkeepers	596	521	212	379	235	438	962	479	124	512	1 185	936
Cashiers	33	101	181	135	545	159	20	504	95	89	11	196
Estimators and investigators, n.e.c	300	47	12	16	19	45	25	23	39	68	74	734
Office machine operators	459	9	25	29	14	156	77	438	112	72	277	728
Shipping and receiving clerks	19	29	6	4	5	18	6	28	-	6	-	178
Stock clerks and storekeepers	96	38	17	25	-	180	25	142	57	10	36	646
Other clerical and kindred workers	4 474	1 067	1 271	2 044	845	5 373	4 775	14 121	2 962	4 128	6 625	22 183
Craftsmen and kindred workers	**1 902**	**9 239**	**239**	**1 044**	**651**	**810**	**893**	**2 064**	**419**	**413**	**541**	**5 531**
Blacksmiths, forgemen, hammermen, and boilermakers	4	149	-	5	-	5	-	27	-	9	-	31
Brickmasons and stonemasons	-	-	-	4	7	-	-	25	4	5	-	-
Carpenters	63	52	51	95	50	88	30	197	102	84	20	410
Cranemen, derrickmen, and hoistmen	21	4	-	-	-	-	-	-	-	6	4	88
Electricians	81	54	7	18	10	49	21	145	21	56	15	420
Excavating, grading, and road machine operators	14	5	-	15	-	6	-	-	-	10	9	115
Foremen, n.e.c	200	193	33	92	37	103	51	197	18	49	36	712
Mechanics and repairmen	598	7 240	47	127	199	101	34	435	57	57	99	2 032
Automobile, including body	33	4 719	-	28	6	8	9	235	26	10	5	526
Machinists, job setters, and toolmakers	66	140	-	11	17	-	4	63	5	13	15	269
Metal craftsmen, except mechanics and machinists	51	19	-	-	-	6	-	22	5	5	6	93
Painters, construction and maintenance, and plasterers and paperhangers	84	31	43	69	21	85	35	171	38	17	23	168
Plumbers and pipe fitters	98	5	6	-	4	41	12	141	6	11	10	200
Printing craftsmen	60	6	-	-	-	23	13	173	34	16	11	61
Stationary engineers and power station operators	47	10	37	28	13	231	18	93	25	14	-	208
Other craftsmen and kindred workers	515	1 331	15	580	293	72	675	375	104	61	293	724
Operatives, except transport	**1 030**	**1 551**	**125**	**4 775**	**119**	**781**	**457**	**715**	**209**	**330**	**420**	**1 320**
Assemblers	80	5	-	-	-	-	-	12	-	-	21	63
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	4	79	-	-	-	-	-	-	-	-	-	4
Painters, manufactured articles	-	311	-	11	-	-	-	-	-	5	-	9
Precision machine operatives	-	74	-	-	-	-	-	21	5	-	-	9
Welders and flamecutters	18	373	-	11	-	-	-	27	-	24	10	170
Other specified operatives	592	430	83	4 658	82	728	397	284	96	146	358	710
Machine operatives, miscellaneous specified	113	132	14	54	10	19	11	46	11	16	5	115
Machine operatives, not specified	20	10	6	-	-	9	-	20	9	-	5	57
Miscellaneous operatives	183	123	17	21	22	16	36	305	79	123	13	133
Not specified operatives	20	14	5	20	5	9	13	-	9	16	8	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	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	**455**	**683**	**75**	**785**	**56**	**98**	**48**	**590**	**45**	**206**	**69**	**836**
Deliverymen and routemen	196	52	5	583	6	30	26	68	9	18	4	55
Truck drivers	158	222	23	123	27	13	10	145	8	128	25	469
Other transport equipment operatives	101	409	47	79	23	55	12	377	28	60	40	312
Laborers, except farm	**294**	**747**	**176**	**1 734**	**824**	**254**	**125**	**682**	**204**	**204**	**247**	**2 150**
Freight, stock, and material handlers	75	21	5	107	55	121	5	98	32	87	-	935
Other specified laborers	88	570	97	1 301	640	86	58	508	140	81	216	972
Miscellaneous laborers	7	81	6	40	37	-	5	12	5	5	5	91
Not specified laborers	124	75	68	286	92	47	57	64	27	31	26	152
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	**4 017**	**448**	**7 062**	**26 107**	**3 522**	**13 592**	**12 450**	**13 055**	**3 855**	**4 164**	**3 381**	**12 316**
Cleaning service workers	2 846	119	2 821	448	569	2 251	1 054	6 009	1 470	1 503	140	1 628
Personal service workers	88	34	1 509	9 797	1 315	246	300	1 678	790	1 016	46	371
Guards and watchmen	812	9	34	4	29	41	11	170	64	18	8	1 107
Other service workers, including private household	271	286	2 698	15 858	1 609	11 054	11 085	5 198	1 531	1 627	3 187	9 210
Female employed	**8 307**	**2 338**	**7 290**	**30 138**	**4 699**	**30 813**	**24 610**	**52 528**	**13 605**	**10 884**	**14 960**	**20 660**
Professional, technical, and kindred workers	**1 152**	**127**	**215**	**662**	**1 064**	**12 614**	**6 123**	**29 721**	**7 617**	**3 076**	**4 341**	**2 494**
Accountants	378	24	92	11	17	106	86	175	35	114	672	704
Computer specialists	38	-	-	-	-	5	-	74	4	3	20	39
Life and physical scientists	23	-	-	-	-	78	58	112	10	-	11	21
Registered nurses, dietitians, and therapists	18	-	23	202	20	10 208	4 244	688	98	134	31	150
Social scientists	16	-	-	-	-	31	51	106	9	16	12	17
Writers, artists, and entertainers	165	-	46	268	549	30	19	286	70	454	379	117
Other professional, technical, and kindred workers	514	103	54	181	478	2 156	1 665	28 280	7 391	2 355	3 216	1 446
Managers and administrators, except farm	**243**	**101**	**1 020**	**520**	**252**	**530**	**611**	**969**	**410**	**461**	**193**	**1 510**
Salaried	186	74	506	280	175	530	572	969	371	461	148	1 510
Self-employed	57	27	514	240	77	-	39	-	39	-	45	-
Sales workers	**384**	**67**	**24**	**209**	**177**	**25**	**11**	**55**	**65**	**169**	**88**	**139**
Clerical and kindred workers	**4 925**	**1 466**	**1 213**	**2 453**	**1 360**	**6 086**	**5 729**	**14 306**	**2 953**	**4 361**	**7 564**	**14 899**
Bookkeepers	548	480	160	348	204	415	948	454	107	436	1 008	715
Cashiers	33	58	160	135	405	151	20	458	74	89	11	154
Counter clerks, except food	35	41	329	774	86	19	5	47	26	8	5	16
File clerks	147	-	-	15	5	239	53	244	62	76	88	365
Office machine operators	354	9	25	29	14	144	65	328	103	62	230	588
Bookkeeping and billing machine operators	17	-	14	10	10	47	11	13	24	-	15	35
Receptionists	221	20	82	348	84	910	2 023	408	149	220	175	200
Secretaries	1 195	227	163	168	284	1 585	1 581	5 843	1 178	2 092	3 088	2 824
Stenographers	143	-	-	-	-	56	67	74	6	122	134	545
Typists	574	67	30	43	9	386	302	1 016	277	490	313	2 339
Other clerical and kindred workers	1 675	564	264	593	269	2 181	665	5 434	971	766	2 512	7 153
Craftsmen and kindred workers	**118**	**178**	**17**	**233**	**18**	**44**	**193**	**299**	**103**	**36**	**47**	**123**
Foremen, n.e.c	36	-	17	33	3	24	13	31	12	24	9	32
Operatives, except transport	**400**	**161**	**60**	**3 812**	**36**	**579**	**383**	**276**	**85**	**216**	**189**	**197**
Assemblers	48	-	-	-	-	-	-	5	-	-	6	43
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except meat and produce	37	-	-	39	11	-	6	-	-	17	9	17
Other operatives, except transport	315	161	60	3 773	25	579	377	271	85	199	174	137
Transport equipment operatives	**61**	**35**	-	**52**	-	**11**	**20**	**211**	**14**	**18**	**14**	**14**
Laborers, except farm	**28**	**61**	**25**	**209**	**65**	**137**	**51**	**53**	**10**	**20**	**55**	**78**
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	**996**	**142**	**4 716**	**21 988**	**1 727**	**10 787**	**11 489**	**6 638**	**2 348**	**2 527**	**2 469**	**1 206**
Cleaning service workers	851	-	2 188	188	129	1 312	613	679	407	547	72	348
Personal service workers	56	20	1 095	6 618	605	165	272	1 364	682	823	46	207
Other service workers, including private household	89	122	1 433	15 182	993	9 310	10 604	4 595	1 259	1 157	2 351	651

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							
					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
PORTLAND, OREG.-WASH., SMSA												
Total employed	**399 640**	**10 208**	**576**	**23 658**	**83 962**	**9 815**	**1 763**	**3 659**	**3 052**	**6 564**	**7 657**	**9 877**
Professional, technical, and kindred workers	**60 774**	**929**	**26**	**1 515**	**7 534**	**383**	**79**	**312**	**246**	**344**	**1 093**	**2 221**
Accountants	4 583	15	9	117	849	130	11	41	40	104	140	81
Architects	482	53	-	28	11	6	-	-	-	-	-	5
Computer specialists	1 111	23	-	17	292	17	-	10	17	9	73	45
Engineers	6 144	119	9	842	2 201	88	15	130	80	98	388	855
Chemical	162	-	-	6	143	12	6	-	5	-	-	38
Civil	1 659	99	-	650	79	11	-	4	5	5	16	9
Electrical and electronic	1 451	5	-	50	479	-	-	11	-	-	21	430
Industrial	716	-	4	27	420	25	-	32	26	42	37	78
Mechanical	860	-	-	58	481	-	4	10	35	20	192	104
Other engineers	1 296	15	5	51	599	40	5	73	9	31	122	196
Mathematical specialists	104	-	-	-	16	6	-	-	5	-	-	5
Life and physical scientists	859	45	4	16	269	5	15	6	23	6	5	20
Chemists	415	5	-	-	246	5	15	6	23	6	5	11
Personnel and labor relations workers	1 747	4	-	40	328	19	-	14	-	11	31	100
Social scientists	571	13	-	5	95	14	6	-	-	4	33	-
Engineering and science technicians	3 895	76	-	317	1 751	26	17	83	56	77	270	818
Draftsmen	1 637	18	-	141	612	17	13	5	21	62	231	146
Electrical and electronic engineering technicians	845	-	-	14	593	4	-	-	-	-	11	558
Industrial and mechanical engineering technicians	96	-	-	-	96	5	-	4	8	5	13	46
Technicians, except health, and engineering and science	458	10	-	16	26	-	5	-	-	-	-	12
Writers, artists, and entertainers	3 911	102	-	48	853	21	5	15	-	17	79	145
Other professional, technical, and kindred workers	36 909	469	4	69	843	51	5	13	25	18	74	135
Managers and administrators, except farm	**39 013**	**243**	**78**	**3 058**	**5 837**	**744**	**137**	**154**	**110**	**559**	**714**	**681**
Buyers, purchasing agents, and sales managers	5 373	19	6	121	1 279	130	19	28	25	133	198	118
Other managers and administrators	33 640	224	72	2 937	4 558	614	118	126	85	426	516	563
Salaried	27 186	131	54	1 762	4 049	503	98	119	85	398	462	553
Self-employed	6 454	93	18	1 175	509	111	20	7	-	28	54	10
Sales workers	**33 429**	**57**	**15**	**191**	**3 473**	**191**	**65**	**81**	**25**	**223**	**208**	**122**
Clerical and kindred workers	**77 720**	**576**	**49**	**2 006**	**9 909**	**1 002**	**95**	**430**	**216**	**721**	**1 121**	**1 228**
Bookkeepers	8 964	116	18	533	1 280	208	26	33	29	148	187	50
Cashiers	4 014	-	-	8	61	5	-	-	-	-	-	16
Estimators and investigators, n.e.c	2 143	17	13	293	198	25	-	4	5	52	18	19
Office machine operators	3 396	32	-	38	610	51	-	40	29	34	51	76
Shipping and receiving clerks	2 260	17	-	5	877	65	4	53	35	91	64	108
Stock clerks and storekeepers	2 074	7	-	46	685	74	-	43	21	31	117	140
Other clerical and kindred workers	54 869	387	18	1 083	6 198	574	65	257	97	365	684	819
Craftsmen and kindred workers	**53 269**	**322**	**113**	**12 390**	**18 376**	**2 003**	**421**	**1 081**	**884**	**1 764**	**2 107**	**1 161**
Blacksmiths, forgemen, hammermen, and boilermakers	373	-	-	24	228	5	-	18	-	38	19	4
Brickmasons and stonemasons	380	-	-	324	52	-	-	18	29	5	-	-
Carpenters	4 611	50	-	3 546	429	98	6	19	14	52	10	18
Cranemen, derrickmen, and hoistmen	908	-	17	87	529	67	45	117	164	55	16	6
Electricians	2 061	-	-	1 059	577	29	25	58	85	25	28	34
Excavating, grading, and road machine operators	1 376	46	23	994	161	91	48	-	-	-	-	-
Foremen, n.e.c	7 445	91	34	687	3 735	452	93	250	180	353	282	223
Mechanics and repairmen	11 850	51	18	585	2 573	229	97	74	62	163	448	191
Automobile, including body	5 136	28	5	79	367	36	31	4	-	-	37	-
Machinists, job setters, and toolmakers	3 142	5	-	38	2 712	53	9	120	119	243	1 188	315
Metal craftsmen, except mechanics and machinists	2 468	-	6	447	1 869	155	5	311	202	488	84	114
Painters, construction and maintenance, and plasterers and paperhangers	1 818	11	-	1 268	203	23	-	-	-	54	13	11
Plumbers and pipe fitters	1 523	-	-	950	284	8	4	-	15	11	5	11
Printing craftsmen	2 019	8	-	10	1 648	6	-	-	5	20	5	68
Stationary engineers and power station operators	737	-	5	14	255	15	4	25	-	8	-	30
Other craftsmen and kindred workers	12 558	60	10	2 357	3 121	772	85	71	9	249	9	136
Operatives, except transport	**42 225**	**118**	**177**	**1 364**	**29 444**	**2 964**	**537**	**1 202**	**1 276**	**2 339**	**2 074**	**4 091**
Assemblers	3 778	-	-	23	3 563	311	34	38	32	229	246	1 673
Checkers, examiners, and inspectors; manufacturing	1 623	-	-	-	1 623	73	84	60	56	63	128	473
Filers, polishers, sanders, and buffers	534	-	-	-	471	158	21	6	62	119	10	40
Painters, manufactured articles	456	-	-	-	222	62	-	-	7	31	30	33
Precision machine operatives	1 511	-	-	5	1 412	77	16	166	59	175	550	122
Welders and flamecutters	3 586	8	24	247	2 580	66	33	232	54	648	486	157
Other specified operatives	19 177	75	153	867	10 168	1 134	112	228	375	434	222	571
Machine operatives, miscellaneous specified	5 145	14	-	80	4 575	465	94	194	434	240	114	328
Machine operatives, not specified	1 929	18	-	35	1 708	189	45	54	46	137	145	198
Miscellaneous operatives	3 281	3	-	68	2 188	266	32	121	104	171	123	413
Not specified operatives	1 205	-	-	39	934	163	66	103	47	92	20	83

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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							
					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
PORTLAND, OREG.–WASH., SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	16 374	146	57	726	3 160	762	278	117	73	224	117	47
Deliverymen and routemen	3 061	44	5	34	756	26	39	3	–	20	24	9
Truck drivers	8 217	88	38	615	1 347	407	203	28	34	126	62	27
Other transport equipment operatives	5 096	14	14	77	1 057	329	36	86	39	78	31	11
Laborers, except farm	18 772	1 164	55	2 189	4 685	1 646	104	202	173	313	126	129
Freight, stock, and material handlers	8 336	10	15	67	1 789	601	35	57	40	139	48	75
Other specified laborers	7 503	1 066	33	2 107	1 476	708	12	10	23	24	34	22
Miscellaneous laborers	891	53	7	5	339	95	10	72	31	29	10	4
Not specified laborers	2 042	35	–	10	1 081	242	47	63	79	121	34	28
Farm workers	6 583	6 583	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	51 481	70	6	219	1 544	120	47	80	49	77	97	197
Cleaning service workers	10 325	47	6	119	910	85	26	48	35	63	62	104
Personal service workers	5 826	11	–	–	75	–	4	–	–	–	–	5
Guards and watchmen	931	4	–	27	172	31	11	4	14	5	14	10
Other service workers, including private household	34 399	8	–	73	387	4	6	28	–	9	21	78
Female employed	154 844	2 463	34	1 831	21 388	1 400	218	387	178	847	1 324	4 408
Professional, technical, and kindred workers	24 526	102	–	89	1 042	24	10	13	14	67	61	336
Accountants	1 346	5	–	43	208	5	–	9	4	40	35	23
Computer specialists	169	6	–	5	39	3	–	–	–	5	–	13
Life and physical scientists	177	21	–	–	33	–	–	–	–	–	5	–
Registered nurses, dietitians, and therapists	5 382	–	–	–	44	–	–	–	5	–	–	24
Social scientists	80	–	–	–	12	–	–	–	–	–	6	–
Writers, artists, and entertainers	1 218	17	–	10	175	6	5	–	–	–	–	35
Other professional, technical, and kindred workers	16 154	53	–	31	531	10	5	4	5	22	15	241
Managers and administrators, except farm	6 420	70	–	69	338	26	6	–	–	23	32	30
Salaried	5 280	42	–	44	295	20	–	–	–	23	27	30
Self-employed	1 140	28	–	25	43	6	6	–	–	–	5	–
Sales workers	11 935	7	–	24	353	14	6	5	–	–	–	5
Clerical and kindred workers	59 429	478	26	1 380	6 863	713	43	229	106	412	788	884
Bookkeepers	7 838	100	13	431	1 102	165	5	24	18	137	165	50
Cashiers	3 011	–	–	4	40	–	–	–	–	–	–	11
Counter clerks, except food	929	4	–	15	100	5	–	–	–	–	–	24
File clerks	1 553	10	–	43	190	12	–	6	6	7	22	27
Office machine operators	2 762	18	–	38	480	37	–	40	17	10	45	58
Bookkeeping and billing machine operators	415	–	–	–	44	–	–	–	–	10	6	–
Receptionists	2 068	42	–	34	167	30	9	–	–	7	31	21
Secretaries	15 261	75	9	461	2 087	283	16	85	44	148	344	276
Stenographers	895	15	–	24	81	8	–	14	5	–	4	5
Typists	4 071	94	–	80	469	30	–	14	–	27	48	111
Other clerical and kindred workers	21 041	120	4	250	2 147	143	13	46	16	76	129	301
Craftsmen and kindred workers	2 717	41	–	179	1 158	104	11	49	11	49	52	147
Foremen, n.e.c	672	18	–	–	321	24	–	22	–	11	6	49
Operatives, except transport	14 368	61	8	9	10 827	432	132	53	43	240	353	2 879
Assemblers	2 379	–	–	–	2 299	67	29	27	11	51	97	1 403
Checkers, examiners, and inspectors; manufacturing	885	–	–	–	885	37	65	4	–	10	66	330
Packers and wrappers, except meat and produce	1 337	54	–	–	1 001	27	6	–	–	31	14	39
Other operatives, except transport	9 767	7	8	9	6 642	301	32	22	32	148	176	1 107
Transport equipment operatives	790	12	–	3	46	12	–	–	–	–	–	6
Laborers, except farm	1 650	256	–	50	434	57	4	4	4	51	11	37
Farm workers	1 414	1 414	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	31 595	22	–	28	327	18	6	34	–	5	27	84
Cleaning service workers	3 339	18	–	28	82	14	–	6	–	–	11	7
Personal service workers	3 988	–	–	–	58	–	–	–	–	–	–	5
Other service workers, including private household	24 268	4	–	–	187	4	6	28	–	5	16	72

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
PORTLAND, OREG.-WASH., SMSA													
Total employed	**2 380**	**527**	**3 128**	**90**	**6 285**	**6 483**	**1 125**	**4 498**	**7 115**	**4 789**	**2 245**	**784**	**2 126**
Professional, technical, and kindred workers	**258**	**28**	**146**	**-**	**412**	**233**	**77**	**201**	**633**	**525**	**207**	**55**	**81**
Accountants	29	8	24	-	35	36	16	47	51	31	14	5	6
Architects	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer specialists	21	-	5	-	9	18	-	24	34	5	5	-	-
Engineers	77	14	40	-	35	55	20	18	198	14	61	10	5
Chemical	-	-	-	-	-	-	-	-	46	-	36	-	-
Civil	-	-	5	-	5	4	4	-	7	-	4	-	-
Electrical and electronic	-	-	-	-	-	-	-	-	11	-	6	-	-
Industrial	12	5	10	-	16	46	3	18	50	5	10	5	-
Mechanical	45	-	16	-	-	5	-	-	40	-	5	-	5
Other engineers	20	9	9	-	14	-	13	-	44	9	-	5	-
Mathematical specialists	-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	6	25	4	-	47	-	88	14	5
Chemists	-	-	-	-	6	20	4	-	43	-	83	14	5
Personnel and labor relations workers	14	-	32	-	10	19	4	26	43	5	-	-	-
Social scientists	5	-	6	-	11	-	-	5	6	-	-	5	-
Engineering and science technicians	74	6	16	-	60	36	14	10	127	11	31	10	9
Draftsmen	58	6	16	-	22	-	6	5	-	-	-	-	4
Electrical and electronic engineering technicians	-	-	-	-	20	-	-	-	-	-	-	-	-
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	6	-	4	-	5
Technicians, except health, and engineering and science	-	-	5	-	-	-	-	-	4	-	-	-	-
Writers, artists, and entertainers	10	-	-	-	41	13	-	29	43	429	-	6	-
Other professional, technical, and kindred workers	28	-	18	-	205	31	19	42	80	30	8	5	56
Managers and administrators, except farm	**188**	**18**	**173**	**-**	**421**	**470**	**75**	**174**	**309**	**399**	**249**	**103**	**159**
Buyers, purchasing agents, and sales managers	71	12	46	-	77	112	10	20	93	68	83	22	14
Other managers and administrators	117	6	127	-	344	358	65	154	216	331	166	81	145
Salaried	112	6	114	-	302	336	60	133	200	240	142	69	117
Self-employed	5	-	13	-	42	22	5	21	16	91	24	12	28
Sales workers	**97**	**-**	**47**	**-**	**228**	**437**	**62**	**115**	**151**	**775**	**397**	**64**	**185**
Clerical and kindred workers	**273**	**73**	**235**	**-**	**793**	**732**	**115**	**655**	**589**	**993**	**298**	**88**	**252**
Bookkeepers	23	16	36	-	63	137	12	71	45	108	54	24	10
Cashiers	-	-	-	-	7	15	-	-	7	7	-	-	4
Estimators and investigators, n.e.c	5	-	9	-	10	17	-	13	6	9	6	-	-
Office machine operators	8	4	22	-	44	66	11	53	93	18	10	-	-
Shipping and receiving clerks	7	-	20	-	37	110	11	90	96	26	26	7	27
Stock clerks and storekeepers	43	26	22	-	19	45	11	30	22	13	18	-	10
Other clerical and kindred workers	187	27	126	-	613	342	70	398	320	812	184	57	201
Craftsmen and kindred workers	**644**	**192**	**1 456**	**15**	**1 320**	**1 089**	**105**	**344**	**1 455**	**1 575**	**313**	**145**	**302**
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	135	-	-	-	-	-	4	-	5	-	-
Brickmasons and stonemasons	-	-	-	-	-	-	-	-	-	-	-	-	-
Carpenters	-	-	180	-	6	10	-	-	12	-	4	-	-
Cranemen, derrickmen, and hoistmen	-	-	39	-	-	-	-	-	10	-	10	-	-
Electricians	12	-	139	-	14	21	-	-	71	-	31	-	5
Excavating, grading, and road machine operators	-	-	-	-	-	-	-	-	11	5	6	-	-
Foremen, n.e.c	158	44	201	-	142	349	39	146	396	156	132	90	49
Mechanics and repairmen	261	60	72	-	98	235	57	87	336	15	40	15	33
Automobile, including body	210	-	4	-	-	28	-	-	5	5	-	-	7
Machinists, job setters, and toolmakers	126	73	194	10	85	38	-	6	73	5	14	35	6
Metal craftsmen, except mechanics and machinists	46	11	137	-	92	7	-	5	206	-	6	-	-
Painters, construction and maintenance, and plasterers and paperhangers	14	-	59	-	14	-	-	-	8	7	-	-	-
Plumbers and pipe fitters	-	-	103	-	-	-	-	-	110	4	13	-	-
Printing craftsmen	-	-	-	-	6	6	-	10	130	1 372	15	5	-
Stationary engineers and power station operators	-	4	10	-	5	69	-	-	48	-	32	-	5
Other craftsmen and kindred workers	27	-	187	5	858	354	9	90	40	11	5	-	204
Operatives, except transport	**747**	**200**	**897**	**64**	**2 393**	**2 134**	**605**	**2 760**	**3 185**	**334**	**546**	**270**	**826**
Assemblers	220	32	64	15	522	17	-	47	21	11	8	26	17
Checkers, examiners, and inspectors; manufacturing	24	53	13	5	60	74	74	120	124	14	11	14	100
Filers, polishers, sanders, and buffers	10	5	-	-	33	-	-	-	7	-	-	-	-
Painters, manufactured articles	14	5	15	-	5	11	-	-	5	4	-	-	-
Precision machine operatives	57	39	34	10	54	8	-	-	10	8	-	12	15
Welders and flamecutters	237	15	529	6	41	-	5	4	48	5	5	-	9
Other specified operatives	78	10	62	7	1 173	1 281	526	2 129	987	76	138	53	572
Machine operatives, miscellaneous specified	21	4	35	5	184	379	-	288	1 348	68	204	105	65
Machine operatives, not specified	27	21	5	5	65	156	-	47	380	79	60	23	26
Miscellaneous operatives	42	9	112	11	212	151	-	81	192	64	49	28	7
Not specified operatives	17	7	28	-	44	57	-	44	63	5	71	9	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
PORTLAND, OREG.–WASH., SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	36	5	55	–	113	780	16	16	270	71	83	22	75
Deliverymen and routemen	9	–	–	–	5	493	–	–	23	54	22	7	22
Truck drivers	10	–	46	–	21	197	16	6	66	17	54	11	16
Other transport equipment operatives	17	5	9	–	87	90	–	10	181	–	7	4	37
Laborers, except farm	103	–	71	11	436	430	52	156	390	50	100	17	176
Freight, stock, and material handlers	65	–	18	–	43	253	37	118	144	39	43	5	29
Other specified laborers	14	–	6	–	326	89	–	–	66	–	14	4	124
Miscellaneous laborers	–	–	11	5	5	22	–	9	23	5	4	–	4
Not specified laborers	24	–	36	6	62	66	15	29	157	6	39	8	19
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	34	11	48	–	169	178	18	77	133	67	52	20	70
Cleaning service workers	34	5	29	–	39	112	18	55	73	35	47	20	20
Personal service workers	–	6	–	–	4	12	–	22	7	6	–	–	9
Guards and watchmen	–	–	14	–	10	–	–	–	38	5	5	–	11
Other service workers, including private household	–	–	5	–	116	54	–	–	15	21	–	–	30
Female employed	242	48	215	41	2 060	1 809	683	3 408	1 238	1 495	413	211	763
Professional, technical, and kindred workers	12	4	10	–	58	64	31	108	49	139	21	5	16
Accountants	–	4	–	–	11	16	–	25	10	16	5	5	–
Computer specialists	–	–	–	–	–	–	–	10	8	–	–	–	–
Life and physical scientists	–	–	–	–	6	6	–	–	–	–	16	–	–
Registered nurses, dietitians, and therapists	5	–	6	–	–	4	–	–	–	–	–	–	–
Social scientists	–	–	–	–	6	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	–	–	–	–	–	–	–	25	12	92	–	–	–
Other professional, technical, and kindred workers	7	–	4	–	35	38	31	48	19	31	–	–	16
Managers and administrators, except farm	10	–	–	–	30	43	16	29	27	49	5	5	7
Salaried	10	–	–	–	30	43	16	18	27	42	–	5	4
Self-employed	–	–	–	–	–	–	–	11	–	7	5	–	3
Sales workers	–	–	–	–	23	82	30	15	–	132	15	4	22
Clerical and kindred workers	148	33	128	–	630	510	85	536	347	757	265	75	174
Bookkeepers	17	10	36	–	58	116	12	61	32	108	54	24	10
Cashiers	–	–	–	–	7	11	–	–	–	7	–	–	4
Counter clerks, except food	–	–	–	–	–	10	–	11	–	37	4	9	–
File clerks	5	–	5	–	14	10	–	33	10	24	–	–	9
Office machine operators	8	4	17	–	37	59	11	37	72	18	10	–	–
Bookkeeping and billing machine operators	–	–	–	–	10	–	–	–	8	–	10	–	–
Receptionists	–	–	–	–	21	10	–	18	6	5	5	4	–
Secretaries	50	5	52	–	127	94	23	130	102	177	88	25	18
Stenographers	8	–	–	–	5	6	–	–	12	4	5	–	5
Typists	5	10	5	–	31	18	6	4	23	124	4	4	5
Other clerical and kindred workers	55	4	13	–	330	176	33	242	90	253	95	9	123
Craftsmen and kindred workers	21	–	23	15	132	60	25	133	23	236	20	5	42
Foremen, n.e.c.	–	–	–	–	26	36	16	78	5	32	16	–	–
Operatives, except transport	51	11	50	21	1 091	961	471	2 473	735	167	83	112	469
Assemblers	24	6	15	10	447	17	–	47	16	5	8	10	9
Checkers, examiners, and inspectors; manufacturing	5	–	–	–	37	39	63	116	50	14	–	5	44
Packers and wrappers, except meat and produce	4	–	–	–	48	525	–	66	200	12	24	5	–
Other operatives, except transport	18	5	35	11	559	380	408	2 244	469	136	51	92	416
Transport equipment operatives	–	–	–	–	–	–	6	13	–	4	–	–	5
Laborers, except farm	–	–	–	5	67	47	19	73	41	–	–	–	14
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	–	4	–	29	42	–	28	16	11	4	5	14
Cleaning service workers	–	–	4	–	–	16	–	6	9	–	4	5	–
Personal service workers	–	–	–	–	4	12	–	22	–	6	–	–	9
Other service workers, including private household	–	–	–	–	25	14	–	–	7	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	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
PORTLAND, OREG.–WASH., SMSA													
Total employed	**5 261**	**8 423**	**7 096**	**6 238**	**7 750**	**27 418**	**10 751**	**9 544**	**9 614**	**14 252**	**20 779**	**8 805**	**16 914**
Professional, technical, and kindred workers	**184**	**226**	**389**	**800**	**1 475**	**1 057**	**208**	**105**	**62**	**241**	**954**	**427**	**851**
Accountants	46	113	84	21	146	298	50	13	15	9	69	189	334
Architects	–	–	–	–	5	–	–	–	–	–	–	5	7
Computer specialists	–	34	–	5	123	44	–	12	5	–	6	34	101
Engineers	51	17	140	306	659	303	7	11	5	–	50	76	44
Chemical	–	–	–	–	4	–	–	–	–	–	–	–	–
Civil	41	6	17	6	128	5	3	–	5	–	6	5	16
Electrical and electronic	–	6	–	250	445	37	–	–	–	–	–	–	5
Industrial	5	–	5	11	13	32	–	11	–	–	5	71	8
Mechanical	5	–	118	11	43	20	–	–	–	–	–	–	5
Other engineers	–	5	–	28	26	209	4	–	–	–	39	–	10
Mathematical specialists	4	5	–	5	10	–	–	–	–	–	–	16	4
Life and physical scientists	–	–	–	12	20	9	–	–	–	–	8	–	–
Chemists	–	–	–	–	15	9	–	–	–	–	8	–	–
Personnel and labor relations workers	32	18	11	88	58	63	51	10	13	23	28	40	148
Social scientists	–	5	–	9	15	16	4	–	5	–	–	–	50
Engineering and science technicians	30	–	25	107	273	101	6	6	5	–	25	11	5
Draftsmen	18	–	9	34	155	39	–	–	–	–	14	11	–
Electrical and electronic engineering technicians	7	–	–	69	48	24	6	–	5	–	5	–	5
Industrial and mechanical engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	105	24	11	22	–	–	–	–	–	5	–
Writers, artists, and entertainers	–	25	8	186	31	101	60	17	–	195	122	19	49
Other professional, technical, and kindred workers	21	9	16	37	124	100	30	36	14	14	646	32	109
Managers and administrators, except farm	**497**	**552**	**914**	**452**	**418**	**4 503**	**1 292**	**1 480**	**1 850**	**1 484**	**2 960**	**788**	**3 867**
Buyers, purchasing agents, and sales managers	25	50	28	11	73	1 547	583	292	222	49	610	104	89
Other managers and administrators	472	502	886	441	345	2 956	709	1 188	1 628	1 435	2 350	684	3 778
Salaried	472	441	834	436	327	2 534	611	697	863	804	1 644	644	3 508
Self-employed	–	61	52	5	18	422	98	491	765	631	706	40	270
Sales workers	**44**	**111**	**67**	**175**	**109**	**5 844**	**5 255**	**1 604**	**1 899**	**80**	**7 329**	**2 792**	**2 948**
Clerical and kindred workers	**1 322**	**1 741**	**1 230**	**3 216**	**1 731**	**6 861**	**2 318**	**2 596**	**1 075**	**700**	**3 295**	**4 602**	**7 530**
Bookkeepers	44	252	103	153	121	1 156	196	170	461	171	869	318	929
Cashiers	5	36	18	27	29	47	408	1 771	64	436	397	60	128
Estimators and investigators, n.e.c	78	60	14	37	113	100	151	–	78	5	29	163	358
Office machine operators	63	114	15	81	106	362	187	51	14	–	54	167	679
Shipping and receiving clerks	35	132	137	10	4	659	135	42	6	–	111	14	5
Stock clerks and storekeepers	74	58	6	10	36	454	132	89	41	6	102	4	27
Other clerical and kindred workers	1 023	1 089	937	2 898	1 322	4 083	1 109	473	411	82	1 733	3 876	5 404
Craftsmen and kindred workers	**1 510**	**819**	**788**	**1 437**	**1 949**	**3 006**	**522**	**482**	**2 011**	**124**	**2 228**	**76**	**285**
Blacksmiths, forgemen, hammermen, and boilermakers	14	–	9	–	8	–	–	4	–	–	–	–	–
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	–	–	–	–	–
Carpenters	52	13	54	–	22	53	16	–	22	11	62	5	26
Cranemen, derrickmen, and hoistmen	29	11	109	–	23	70	–	–	–	–	5	–	5
Electricians	61	5	31	–	144	23	4	–	–	–	14	–	12
Excavating, grading, and road machine operators	5	–	5	–	74	16	–	5	–	–	6	–	6
Foremen, n.e.c	155	217	165	112	310	765	158	96	96	17	165	21	81
Mechanics and repairmen	295	508	338	37	260	1 071	161	38	1 827	5	574	5	25
Automobile, including body	5	463	99	5	60	290	35	25	1 751	–	26	5	–
Machinists, job setters, and toolmakers	108	20	5	–	22	122	–	–	4	–	19	–	–
Metal craftsmen, except mechanics and machinists	5	–	5	–	19	49	–	–	–	–	49	–	–
Painters, construction and maintenance, and plasterers and paperhangers	5	9	5	–	16	30	5	5	11	–	25	–	45
Plumbers and pipe fitters	17	–	4	11	84	39	–	–	–	–	36	–	7
Printing craftsmen	–	6	–	–	4	78	5	4	6	–	18	15	33
Stationary engineers and power station operators	–	5	18	–	262	20	20	11	–	–	–	5	–
Other craftsmen and kindred workers	764	25	40	1 277	701	670	153	319	45	91	1 255	25	45
Operatives, except transport	**196**	**144**	**428**	**8**	**315**	**1 827**	**183**	**1 148**	**2 234**	**56**	**628**	**23**	**69**
Assemblers	–	5	–	–	24	68	–	–	15	–	21	–	5
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	5	–	–	–	22	–	–	14	–	5	–	–
Painters, manufactured articles	–	–	6	–	–	5	–	–	56	–	–	–	–
Precision machine operatives	6	–	–	–	–	25	–	–	–	–	17	–	–
Welders and flamecutters	123	18	42	8	92	257	–	–	6	–	–	–	–
Other specified operatives	22	88	222	–	84	882	154	1 023	2 100	30	439	5	39
Machine operatives, miscellaneous specified	–	5	4	–	14	198	8	4	32	15	52	6	2
Machine operatives, not specified	10	–	11	–	3	38	5	23	4	–	5	12	11
Miscellaneous operatives	16	23	131	–	95	250	6	58	–	11	80	–	12
Not specified operatives	19	–	12	–	3	82	10	40	7	–	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
PORTLAND, OREG.–WASH., SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	**794**	**4 072**	**1 842**	**25**	**655**	**2 077**	**176**	**242**	**200**	**114**	**964**	**11**	**43**
Deliverymen and routemen	10	221	6	6	8	794	113	83	60	90	506	6	17
Truck drivers	65	3 674	85	14	281	939	50	128	109	14	360	5	26
Other transport equipment operatives	719	177	1 751	5	366	344	13	31	31	10	98	–	–
Laborers, except farm	**453**	**713**	**1 123**	**22**	**817**	**1 991**	**333**	**1 495**	**185**	**81**	**714**	**9**	**225**
Freight, stock, and material handlers	150	648	982	12	334	1 655	317	1 436	21	39	418	–	33
Other specified laborers	24	37	102	5	357	128	6	12	126	10	184	–	149
Miscellaneous laborers	180	5	6	5	84	95	–	–	5	–	30	5	–
Not specified laborers	99	23	33	–	42	113	10	47	33	32	82	4	43
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**261**	**45**	**315**	**103**	**281**	**252**	**464**	**392**	**98**	**11 372**	**1 707**	**77**	**1 096**
Cleaning service workers	75	35	51	71	170	197	125	141	58	337	197	66	686
Personal service workers	30	–	75	6	14	–	62	10	11	70	69	–	58
Guards and watchmen	35	10	24	–	6	20	30	9	7	–	15	–	79
Other service workers, including private household	121	–	165	26	91	35	247	232	22	10 965	1 426	11	273
Female employed	**441**	**1 185**	**1 319**	**3 392**	**1 295**	**6 351**	**7 583**	**3 668**	**1 197**	**8 569**	**9 569**	**4 624**	**9 151**
Professional, technical, and kindred workers	**5**	**30**	**16**	**125**	**114**	**142**	**152**	**37**	**26**	**83**	**285**	**151**	**225**
Accountants	–	20	11	12	26	69	36	13	11	4	54	103	92
Computer specialists	–	–	–	5	5	5	–	2	5	–	–	–	36
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitions, and therapists	5	–	–	5	11	–	5	5	–	9	5	–	4
Social scientists	–	–	–	4	–	–	4	–	–	–	–	–	6
Writers, artists, and entertainers	–	10	–	35	4	10	46	5	–	59	56	10	21
Other professional, technical, and kindred workers	–	–	5	64	68	58	61	12	10	11	170	38	66
Managers and administrators, except farm	**22**	**26**	**178**	**89**	**29**	**306**	**415**	**304**	**86**	**435**	**689**	**126**	**1 083**
Salaried	22	26	167	89	29	273	379	158	62	220	470	122	1 022
Self-employed	–	–	11	–	–	33	36	146	24	215	219	4	61
Sales workers	**5**	**–**	**15**	**57**	**9**	**270**	**4 347**	**990**	**61**	**54**	**3 972**	**362**	**770**
Clerical and kindred workers	**361**	**980**	**562**	**2 999**	**1 011**	**4 839**	**2 002**	**1 617**	**890**	**599**	**2 905**	**3 919**	**6 515**
Bookkeepers	5	199	83	135	69	1 001	175	146	416	130	813	290	875
Cashiers	–	23	6	19	24	37	390	1 060	64	404	380	60	112
Counter clerks, except food	–	10	–	25	–	115	137	32	–	6	36	5	8
File clerks	19	44	18	33	18	135	77	6	4	–	49	263	168
Office machine operators	34	86	10	81	81	325	149	46	14	–	54	155	569
Bookkeeping and billing machine operators	–	9	10	–	10	57	27	–	–	–	16	13	178
Receptionists	–	17	19	32	4	107	28	–	7	–	45	60	80
Secretaries	55	152	122	141	232	1 509	123	104	170	21	354	1 130	1 301
Stenographers	59	9	10	16	77	72	–	–	–	6	11	56	69
Typists	28	84	46	158	53	224	44	19	16	–	111	497	428
Other clerical and kindred workers	161	356	248	2 359	453	1 314	879	204	199	32	1 052	1 403	2 905
Craftsmen and kindred workers	**10**	**26**	**5**	**61**	**24**	**158**	**117**	**80**	**33**	**47**	**227**	**17**	**42**
Foremen, n.e.c	6	21	–	21	–	44	65	21	–	12	23	6	18
Operatives, except transport	**11**	**13**	**10**	**8**	**17**	**372**	**138**	**304**	**53**	**5**	**321**	**18**	**44**
Assemblers	–	–	–	–	14	19	–	–	6	–	13	–	5
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	9	–	–	–	126	32	21	–	5	46	–	–
Other operatives, except transport	11	4	10	8	3	227	106	283	47	–	262	18	39
Transport equipment operatives	**4**	**75**	**402**	**6**	**31**	**43**	**30**	**5**	**9**	**14**	**11**	**–**	**–**
Laborers, except farm	**7**	**29**	**33**	**–**	**10**	**185**	**83**	**128**	**10**	**15**	**117**	**5**	**–**
Farm workers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Service workers, including private household	**16**	**6**	**98**	**47**	**50**	**36**	**299**	**203**	**29**	**7 317**	**1 042**	**26**	**472**
Cleaning service workers	5	6	–	15	42	28	43	7	20	88	35	15	243
Personal service workers	–	–	41	6	8	–	51	10	–	34	57	–	52
Other service workers, including private household	11	–	57	26	–	8	205	186	9	7 195	950	11	177

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
PORTLAND, OREG.–WASH., SMSA												
Total employed	**7 411**	**6 875**	**3 764**	**12 535**	**3 551**	**14 310**	**11 782**	**23 168**	**9 103**	**7 117**	**11 712**	**17 063**
Professional, technical, and kindred workers	**1 277**	**140**	**143**	**409**	**807**	**5 645**	**4 547**	**14 128**	**4 591**	**2 638**	**6 096**	**3 370**
Accountants	237	30	24	11	15	50	15	56	18	25	1 218	507
Architects	–	–	–	–	–	–	–	6	–	5	349	13
Computer specialists	101	11	–	–	–	22	6	64	19	–	61	131
Engineers	108	10	5	5	10	44	22	21	22	8	446	603
Chemical	–	–	–	–	–	3	–	–	–	–	6	–
Civil	18	–	–	–	–	21	12	–	–	–	178	364
Electrical and electronic	24	–	5	–	5	6	–	6	7	–	31	90
Industrial	51	–	–	5	–	–	5	4	–	–	9	30
Mechanical	–	–	–	–	–	4	5	–	10	–	85	15
Other engineers	15	10	–	–	5	10	–	11	5	8	137	104
Mathematical specialists	–	–	–	–	–	–	7	8	–	–	11	18
Life and physical scientists	27	–	–	–	–	43	121	45	12	–	63	165
Chemists	21	–	–	–	–	15	13	21	8	–	42	12
Personnel and labor relations workers	291	13	16	5	5	24	10	33	35	38	–	322
Social scientists	94	–	–	–	–	40	28	52	–	4	34	102
Engineering and science technicians	81	9	4	5	–	16	25	75	37	20	489	396
Draftsmen	36	4	–	5	–	–	5	12	–	15	305	204
Electrical and electronic engineering technicians	5	5	4	–	–	–	–	–	6	–	–	49
Industrial and mechanical engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	21	–	11	5	–	4	5	–	14	10	169
Writers, artists, and entertainers	269	13	68	248	528	31	42	75	77	176	452	116
Other professional, technical, and kindred workers	69	33	26	124	244	5 375	4 267	13 688	4 371	2 348	2 963	828
Managers and administrators, except farm	**855**	**597**	**550**	**577**	**332**	**331**	**413**	**1 295**	**564**	**718**	**402**	**2 106**
Buyers, purchasing agents, and sales managers	34	28	6	21	–	7	6	20	13	8	23	99
Other managers and administrators	821	569	544	556	332	324	407	1 275	551	710	379	2 007
Salaried	590	368	336	350	232	324	361	1 275	521	705	306	2 007
Self-employed	231	201	208	206	100	–	46	–	30	5	73	–
Sales workers	**523**	**189**	**18**	**180**	**101**	**14**	**9**	**20**	**99**	**136**	**92**	**55**
Clerical and kindred workers	**2 301**	**880**	**576**	**852**	**452**	**2 173**	**2 213**	**3 849**	**1 710**	**1 919**	**3 294**	**6 744**
Bookkeepers	192	157	62	77	78	141	354	113	88	173	468	171
Cashiers	–	55	62	53	130	68	4	54	39	21	9	24
Estimators and investigators, n.e.c	140	45	–	5	–	36	5	–	6	10	–	189
Office machine operators	109	32	20	26	–	62	94	96	35	27	136	186
Shipping and receiving clerks	–	18	–	5	4	6	6	4	–	15	5	8
Stock clerks and storekeepers	81	10	–	21	–	27	9	46	16	5	5	77
Other clerical and kindred workers	1 779	563	432	665	240	1 833	1 741	3 536	1 526	1 668	2 671	6 089
Craftsmen and kindred workers	**509**	**3 417**	**79**	**355**	**205**	**210**	**316**	**382**	**166**	**145**	**178**	**869**
Blacksmiths, forgemen, hammermen, and boilermakers	–	59	–	–	–	–	–	7	–	8	–	12
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	4	–	–	–
Carpenters	11	10	12	11	14	20	11	65	29	9	–	58
Cranemen, derrickmen, and hoistmen	6	–	–	–	–	–	–	–	–	6	–	11
Electricians	–	12	–	6	6	11	–	34	5	5	7	45
Excavating, grading, and road machine operators	–	5	–	–	5	–	–	–	–	–	–	25
Foremen, n.e.c	92	111	5	40	17	32	27	46	10	14	22	124
Mechanics and repairmen	130	2 669	13	59	39	45	19	63	40	19	15	368
Automobile, including body	4	1 714	–	23	–	6	–	13	12	5	–	116
Machinists, job setters, and toolmakers	18	35	–	–	–	–	–	10	5	–	15	4
Metal craftsmen, except mechanics and machinists	6	5	–	–	–	–	–	–	–	8	–	–
Painters, construction and maintenance, and plasterers and paperhangers	5	19	18	21	5	24	16	26	10	10	–	26
Plumbers and pipe fitters	20	10	–	4	–	–	–	35	5	11	–	6
Printing craftsmen	49	5	–	–	–	5	10	20	26	33	16	20
Stationary engineers and power station operators	–	5	27	5	–	51	–	15	5	–	–	14
Other craftsmen and kindred workers	172	472	4	209	119	22	233	61	27	22	103	156
Operatives, except transport	**266**	**681**	**60**	**1 555**	**25**	**308**	**222**	**165**	**82**	**141**	**177**	**181**
Assemblers	–	17	–	–	–	–	18	–	5	9	5	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	17	–	–	–	–	–	–	–	–	–	–
Painters, manufactured articles	–	156	–	–	–	–	6	–	–	–	5	–
Precision machine operatives	–	29	–	–	–	–	17	–	–	–	–	–
Welders and flamecutters	–	139	–	4	–	5	–	4	–	6	–	23
Other specified operatives	180	213	60	1 532	21	290	150	55	53	54	161	57
Machine operatives, miscellaneous specified	8	63	–	–	–	4	6	21	5	6	6	17
Machine operatives, not specified	18	–	–	11	–	–	5	–	4	–	–	8
Miscellaneous operatives	60	33	–	–	–	9	10	81	15	56	–	76
Not specified operatives	–	14	–	8	4	–	10	4	–	10	–	–

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
PORTLAND, OREG.–WASH., SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	**108**	**299**	**20**	**208**	**15**	**53**	**21**	**112**	**45**	**48**	**22**	**119**
Deliverymen and routemen	39	28	–	160	6	21	9	30	4	–	5	–
Truck drivers	64	55	–	40	5	14	12	31	11	40	7	100
Other transport equipment operatives	5	216	20	8	4	18	–	51	30	8	10	19
Laborers, except farm	**132**	**380**	**52**	**695**	**266**	**87**	**76**	**115**	**83**	**126**	**138**	**368**
Freight, stock, and material handlers	49	21	–	52	10	25	14	20	19	36	4	160
Other specified laborers	32	301	44	516	243	49	48	70	51	41	112	174
Miscellaneous laborers	6	16	4	12	4	–	–	13	5	–	–	12
Not specified laborers	45	42	4	115	9	13	14	12	8	49	22	22
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**1 440**	**292**	**2 266**	**7 704**	**1 348**	**5 489**	**3 965**	**3 102**	**1 763**	**1 246**	**1 313**	**3 251**
Cleaning service workers	1 055	72	987	145	202	852	480	1 605	655	567	64	350
Personal service workers	7	25	443	2 978	565	120	67	257	374	364	36	99
Guards and watchmen	295	–	–	–	17	–	17	37	19	5	4	99
Other service workers, including private household	83	195	836	4 581	564	4 517	3 401	1 203	715	310	1 209	2 703
Female employed	**3 273**	**1 007**	**2 204**	**9 070**	**1 453**	**11 513**	**8 068**	**14 093**	**5 878**	**3 925**	**5 722**	**4 578**
Professional, technical, and kindred workers	**430**	**46**	**39**	**152**	**317**	**4 541**	**1 944**	**8 470**	**2 834**	**1 045**	**1 465**	**619**
Accountants	149	16	4	7	5	37	–	29	5	22	237	128
Computer specialists	–	–	–	–	–	12	–	19	5	–	3	22
Life and physical scientists	5	–	–	–	–	23	54	21	–	–	16	4
Registered nurses, dietitians, and therapists	–	–	6	43	–	3 738	1 210	159	36	50	7	40
Social scientists	–	–	–	–	–	8	14	26	–	–	6	–
Writers, artists, and entertainers	87	9	14	72	160	26	–	50	33	118	149	42
Other professional, technical, and kindred workers	189	21	15	30	152	697	666	8 166	2 755	855	1 047	383
Managers and administrators, except farm	**118**	**24**	**223**	**161**	**78**	**107**	**206**	**391**	**262**	**138**	**134**	**313**
Salaried	87	8	142	107	49	107	175	391	242	133	106	313
Self-employed	31	16	81	54	29	–	31	–	20	5	28	–
Sales workers	**184**	**58**	**5**	**125**	**70**	**9**	**–**	**10**	**41**	**102**	**21**	**14**
Clerical and kindred workers	**1 898**	**650**	**371**	**792**	**343**	**2 069**	**2 108**	**3 553**	**1 525**	**1 752**	**3 098**	**3 324**
Bookkeepers	175	139	47	71	61	124	339	108	81	158	418	134
Cashiers	–	33	46	47	76	63	4	49	22	21	9	18
Counter clerks, except food	20	4	107	233	5	6	–	5	44	5	–	7
File clerks	62	–	–	9	5	85	46	63	40	8	51	107
Office machine operators	75	21	10	26	–	62	54	72	26	16	114	146
Bookkeeping and billing machine operators	4	–	–	10	–	9	4	5	–	5	5	9
Receptionists	70	10	12	112	–	332	524	58	81	89	76	62
Secretaries	510	136	60	88	110	554	700	1 451	572	1 053	1 240	741
Stenographers	40	–	–	10	6	11	29	20	11	32	45	186
Typists	277	8	4	20	–	134	101	211	113	112	158	582
Other clerical and kindred workers	669	299	85	176	80	698	311	1 516	535	258	987	1 341
Craftsmen and kindred workers	**40**	**67**	**4**	**94**	**24**	**36**	**82**	**41**	**53**	**11**	**24**	**16**
Foremen, n.e.c	15	–	–	27	–	21	7	6	10	5	–	5
Operatives, except transport	**109**	**35**	**49**	**1 218**	**6**	**237**	**156**	**103**	**53**	**85**	**73**	**25**
Assemblers	–	–	–	–	–	–	9	–	5	9	–	–
Checkers, examiners, and inspectors, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	17	–	–	10	–	–	7	5	–	–	4	–
Other operatives, except transport	92	35	49	1 208	6	237	140	98	48	76	69	25
Transport equipment operatives	**19**	**9**	**–**	**5**	**–**	**6**	**8**	**12**	**31**	**–**	**5**	**4**
Laborers, except farm	**18**	**24**	**9**	**83**	**22**	**38**	**21**	**17**	**15**	**17**	**14**	**10**
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**457**	**94**	**1 504**	**6 440**	**593**	**4 470**	**3 543**	**1 496**	**1 064**	**775**	**888**	**253**
Cleaning service workers	397	11	766	72	36	489	267	159	136	255	25	51
Personal service workers	3	6	329	2 013	268	101	50	219	329	294	18	41
Other service workers, including private household	57	77	409	4 355	289	3 880	3 226	1 118	599	226	845	161

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							
					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
SEATTLE–EVERETT SMSA												
Total employed	**556 755**	**7 254**	**588**	**31 866**	**134 846**	**8 623**	**3 410**	**2 439**	**409**	**5 240**	**5 929**	**4 814**
Professional, technical, and kindred workers	**107 161**	**737**	**61**	**1 947**	**28 532**	**517**	**174**	**104**	**10**	**339**	**750**	**1 241**
Accountants	7 183	27	16	236	1 549	90	20	6	5	54	85	52
Architects	1 055	114	–	33	71	31	–	–	–	–	5	–
Computer specialists	2 636	–	5	19	1 591	64	7	4	5	–	67	24
Engineers	20 298	52	9	1 064	14 752	115	51	14	–	109	372	656
Chemical	267	–	–	–	207	4	15	–	–	–	4	–
Civil	2 527	27	–	846	576	6	5	–	–	5	5	–
Electrical and electronic	3 756	6	–	62	2 478	5	10	–	–	19	19	378
Industrial	2 368	5	–	31	2 043	8	5	–	–	20	18	75
Mechanical	3 092	9	–	54	2 378	28	–	4	–	33	204	50
Other engineers	8 288	5	9	71	7 070	64	16	10	–	32	122	153
Mathematical specialists	383	5	–	5	164	9	–	–	–	–	–	–
Life and physical scientists	1 214	29	9	13	309	10	32	13	–	–	11	12
Chemists	478	–	4	–	216	10	25	13	–	–	11	–
Personnel and labor relations workers	2 516	10	–	10	662	17	5	8	–	11	11	18
Social scientists	1 009	–	–	20	279	26	4	7	–	–	10	5
Engineering and science technicians	7 001	54	5	332	3 789	49	45	35	–	122	126	359
Draftsmen	2 629	19	5	120	1 386	10	5	7	–	103	105	80
Electrical and electronic engineering technicians	1 689	–	–	34	1 129	4	–	–	–	–	10	225
Industrial and mechanical engineering technicians	292	–	–	–	284	6	–	11	–	7	5	–
Technicians, except health, and engineering and science	2 896	17	–	17	758	–	–	–	–	5	–	10
Writers, artists, and entertainers	7 049	77	5	79	1 848	36	5	8	–	19	48	76
Other professional, technical, and kindred workers	53 921	352	12	119	2 760	70	5	9	–	19	15	29
Managers and administrators, except farm	**51 320**	**335**	**55**	**3 952**	**8 099**	**531**	**210**	**122**	**67**	**360**	**534**	**487**
Buyers, purchasing agents, and sales managers	7 832	26	–	228	2 023	134	53	14	12	98	87	143
Other managers and administrators	43 488	309	55	3 724	6 076	397	157	108	55	262	447	344
Salaried	35 516	148	46	2 370	5 505	326	119	103	50	224	389	329
Self-employed	7 972	161	9	1 354	571	71	38	5	5	38	58	15
Sales workers	**45 604**	**85**	**5**	**233**	**4 210**	**179**	**128**	**34**	**32**	**221**	**286**	**240**
Clerical and kindred workers	**111 248**	**330**	**80**	**2 541**	**19 036**	**576**	**362**	**221**	**52**	**616**	**676**	**692**
Bookkeepers	11 412	51	24	683	1 451	84	79	15	31	140	114	55
Cashiers	5 913	6	–	5	41	8	–	–	–	6	–	–
Estimators and investigators, n.e.c	3 088	15	–	496	553	10	9	–	–	49	28	5
Office machine operators	4 720	19	5	73	1 170	46	14	5	–	25	25	62
Shipping and receiving clerks	2 523	–	–	32	772	72	12	36	–	104	68	62
Stock clerks and storekeepers	3 700	–	–	32	1 795	11	20	5	–	23	68	24
Other clerical and kindred workers	79 892	239	51	1 220	13 254	345	228	160	21	269	373	484
Craftsmen and kindred workers	**81 936**	**241**	**113**	**17 050**	**35 213**	**1 715**	**729**	**861**	**83**	**1 565**	**2 184**	**730**
Blacksmiths, forgemen, hammermen, and boilermakers	555	–	4	43	365	–	–	30	5	94	51	5
Brickmasons and stonemasons	601	–	–	512	33	–	12	10	–	–	–	–
Carpenters	7 068	54	5	4 923	1 161	94	49	–	11	22	19	–
Cranemen, derrickmen, and hoistmen	1 076	4	–	157	697	133	23	190	9	62	40	–
Electricians	5 098	3	–	1 705	2 695	78	14	47	6	24	16	84
Excavating, grading, and road machine operators	1 803	26	25	1 380	157	103	27	–	–	–	–	–
Foremen, n.e.c	9 976	44	38	967	5 537	295	188	118	21	275	228	207
Mechanics and repairmen	20 490	50	18	733	8 623	201	210	36	14	164	239	117
Automobile, including body	5 702	20	4	114	412	23	94	–	–	12	12	6
Machinists, job setters, and toolmakers	5 756	11	–	37	5 079	82	64	140	6	185	1 306	123
Metal craftsmen, except mechanics and machinists	3 664	–	–	452	2 996	111	4	216	–	408	109	56
Painters, construction and maintenance, and plasterers and paperhangers	2 557	11	5	1 319	587	6	–	5	–	21	29	–
Plumbers and pipe fitters	2 870	8	5	1 426	1 048	34	–	5	–	12	44	14
Printing craftsmen	2 394	–	4	5	1 964	5	–	–	–	15	18	5
Stationary engineers and power station operators	1 356	5	9	43	406	23	36	9	–	14	16	10
Other craftsmen and kindred workers	16 672	25	–	3 348	3 865	550	102	55	11	269	69	109
Operatives, except transport	**47 293**	**115**	**123**	**1 786**	**30 074**	**2 653**	**1 028**	**824**	**104**	**1 848**	**1 320**	**1 293**
Assemblers	3 380	–	–	14	3 241	208	21	9	8	170	182	616
Checkers, examiners, and inspectors; manufacturing	2 620	–	–	–	2 620	40	117	22	–	102	78	161
Filers, polishers, sanders, and buffers	477	–	–	5	402	109	15	6	–	59	18	10
Painters, manufactured articles	670	–	–	–	402	11	5	6	–	18	21	19
Precision machine operatives	1 728	14	–	10	1 615	74	10	76	–	118	378	32
Welders and flamecutters	3 010	6	4	346	2 284	31	29	96	22	421	222	54
Other specified operatives	22 730	53	119	1 192	9 679	1 084	323	174	38	390	101	156
Machine operatives, miscellaneous specified	5 082	–	–	49	4 418	456	230	170	18	264	53	48
Machine operatives, not specified	1 665	7	–	28	1 404	117	50	47	–	100	103	39
Miscellaneous operatives	4 207	30	–	88	2 591	333	112	138	8	147	122	128
Not specified operatives	1 724	5	–	54	1 418	190	116	80	10	59	42	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	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
SEATTLE–EVERETT SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	**18 306**	**185**	**81**	**977**	**3 172**	**528**	**437**	**35**	**8**	**82**	**43**	**16**
Deliverymen and routemen	4 062	80	–	36	842	15	20	–	–	5	8	–
Truck drivers	8 440	85	72	859	1 390	300	329	18	4	40	23	10
Other transport equipment operatives	5 804	20	9	82	940	213	88	17	4	37	12	6
Laborers, except farm	**23 687**	**1 688**	**41**	**3 118**	**4 835**	**1 825**	**281**	**191**	**31**	**170**	**73**	**50**
Freight, stock, and material handlers	10 941	14	23	110	1 890	773	98	25	12	87	15	17
Other specified laborers	9 495	1 587	18	2 991	1 413	716	29	14	–	16	19	19
Miscellaneous laborers	1 215	52	–	–	630	171	16	100	6	33	6	2
Not specified laborers	2 036	35	–	17	902	165	138	52	13	34	33	12
Farm workers	**3 484**	**3 484**	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**66 716**	**54**	**29**	**262**	**1 675**	**99**	**61**	**47**	**22**	**39**	**63**	**65**
Cleaning service workers	12 079	34	18	172	985	72	61	28	17	39	52	61
Personal service workers	9 197	5	–	16	33	–	–	–	–	–	–	–
Guards and watchmen	1 506	–	5	17	229	17	–	15	5	–	–	–
Other service workers, including private household	43 934	15	6	57	428	10	–	4	–	–	11	4
Female employed	**207 634**	**1 405**	**94**	**2 215**	**26 108**	**912**	**487**	**116**	**47**	**621**	**700**	**1 558**
Professional, technical, and kindred workers	**37 782**	**76**	**14**	**144**	**2 265**	**75**	**25**	**9**	–	**24**	**62**	**85**
Accountants	2 622	5	4	83	357	22	8	–	–	19	32	14
Computer specialists	524	–	–	–	244	4	7	–	–	–	–	–
Life and physical scientists	206	4	–	–	11	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	7 781	–	–	5	93	5	–	9	–	–	–	–
Social scientists	200	–	–	–	21	11	–	–	–	–	5	–
Writers, artists, and entertainers	2 378	24	5	14	422	5	–	–	–	5	16	12
Other professional, technical, and kindred workers	24 071	43	5	42	1 117	28	10	–	–	–	9	59
Managers and administrators, except farm	**8 234**	**23**	–	**136**	**448**	**10**	**11**	**5**	–	**5**	**25**	**26**
Salaried	6 809	15	–	117	377	10	5	5	–	5	25	26
Self-employed	1 425	8	–	19	71	–	6	–	–	–	–	–
Sales workers	**16 503**	**38**	–	**21**	**380**	**18**	**12**	**4**	–	–	**10**	**3**
Clerical and kindred workers	**84 959**	**280**	**65**	**1 645**	**12 022**	**387**	**251**	**73**	**47**	**386**	**434**	**522**
Bookkeepers	10 020	47	24	581	1 146	74	57	10	31	123	108	41
Cashiers	4 901	6	–	5	27	8	–	–	–	–	–	–
Counter clerks, except food	1 330	–	–	–	181	–	–	–	–	–	6	10
File clerks	2 642	–	–	18	729	–	–	5	–	24	10	8
Office machine operators	3 659	19	–	64	769	31	10	5	–	25	13	62
Bookkeeping and billing machine operators	640	–	–	6	55	–	–	–	–	12	5	–
Receptionists	3 048	43	–	27	169	9	12	–	4	10	4	5
Secretaries	20 599	68	13	461	3 356	137	122	20	12	93	216	182
Stenographers	1 123	–	8	16	254	–	5	–	–	–	13	10
Typists	6 304	20	–	107	1 087	24	–	–	–	22	11	54
Other clerical and kindred workers	31 333	77	20	366	4 304	104	45	33	–	89	53	150
Craftsmen and kindred workers	**3 909**	**4**	–	**135**	**1 863**	**86**	**32**	–	–	**6**	**35**	**106**
Foremen, n.e.c	584	–	–	–	242	6	10	–	–	–	5	38
Operatives, except transport	**13 445**	**39**	**10**	**25**	**8 517**	**288**	**150**	**22**	–	**178**	**129**	**801**
Assemblers	1 312	–	–	–	1 265	48	6	–	–	31	65	466
Checkers, examiners, and inspectors; manufacturing	541	–	–	–	541	11	35	3	–	30	–	46
Packers and wrappers, except meat and produce	1 375	13	–	–	841	26	46	–	–	28	–	19
Other operatives, except transport	10 217	26	10	25	5 870	203	63	19	–	89	64	270
Transport equipment operatives	**1 094**	**5**	–	**11**	**38**	**5**	–	–	–	–	–	–
Laborers, except farm	**1 680**	**190**	–	**41**	**312**	**28**	–	**3**	–	**22**	–	**5**
Farm workers	**727**	**727**	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**39 301**	**23**	**5**	**57**	**263**	**15**	**6**	–	–	–	**5**	**10**
Cleaning service workers	3 404	7	5	41	107	15	6	–	–	–	5	6
Personal service workers	6 441	5	–	6	8	–	–	–	–	–	–	–
Other service workers, including private household	29 456	11	–	10	148	–	–	–	–	–	–	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	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
SEATTLE–EVERETT SMSA													
Total employed	**1 446**	**52 820**	**9 637**	**7 132**	**7 121**	**6 772**	**442**	**2 922**	**4 667**	**6 524**	**1 598**	**766**	**2 135**
Professional, technical, and kindred workers	**175**	**17 176**	**706**	**4 290**	**1 116**	**257**	**4**	**67**	**394**	**860**	**182**	**34**	**136**
Accountants	31	677	58	184	53	107	–	5	52	50	7	–	13
Architects	–	7	20	4	–	–	–	–	4	–	–	–	–
Computer specialists	23	1 034	16	311	–	15	–	–	16	5	–	–	–
Engineers	66	9 984	309	2 571	213	45	–	12	111	6	74	24	20
Chemical	–	97	–	30	–	–	–	–	16	–	41	–	–
Civil	–	393	8	125	24	5	–	–	–	–	–	–	–
Electrical and electronic	–	1 360	83	557	31	5	–	–	5	6	–	–	–
Industrial	10	1 427	43	341	26	22	–	5	26	–	12	5	–
Mechanical	36	1 384	126	420	38	9	–	–	31	–	5	10	–
Other engineers	20	5 323	49	1 098	94	4	–	7	33	–	16	9	20
Mathematical specialists	–	93	5	48	–	–	–	–	4	5	–	–	–
Life and physical scientists	–	87	8	53	10	16	–	–	11	–	41	–	5
Chemists	–	52	8	19	10	16	–	–	6	–	41	–	5
Personnel and labor relations workers	6	390	11	131	16	6	–	–	16	4	–	–	12
Social scientists	–	157	–	43	–	9	–	–	5	4	9	–	–
Engineering and science technicians	26	2 138	159	462	52	32	–	5	120	9	28	5	17
Draftsmen	20	779	96	119	27	–	–	5	17	4	4	5	–
Electrical and electronic engineering technicians	–	680	38	155	13	–	–	–	4	–	–	–	–
Industrial and mechanical engineering technicians	–	223	–	11	–	10	–	–	11	–	–	–	–
Technicians, except health, and engineering and science	–	695	5	38	–	–	–	–	–	–	5	–	–
Writers, artists, and entertainers	17	584	42	115	69	11	4	40	14	738	–	5	17
Other professional, technical, and kindred workers	6	1 330	73	330	703	16	–	5	41	39	18	–	52
Managers and administrators, except farm	**145**	**2 003**	**377**	**533**	**500**	**639**	**60**	**172**	**201**	**703**	**250**	**79**	**126**
Buyers, purchasing agents, and sales managers	45	502	76	130	89	218	4	33	44	224	75	12	30
Other managers and administrators	100	1 501	301	403	411	421	56	139	157	479	175	67	96
Salaried	91	1 496	279	403	301	401	50	116	157	370	170	63	68
Self-employed	9	5	22	–	110	20	6	23	–	109	5	4	28
Sales workers	**73**	**178**	**43**	**33**	**268**	**383**	**46**	**216**	**116**	**943**	**381**	**51**	**359**
Clerical and kindred workers	**241**	**9 207**	**868**	**1 010**	**1 168**	**725**	**52**	**231**	**378**	**1 436**	**238**	**71**	**216**
Bookkeepers	22	242	94	47	57	128	4	32	50	160	44	23	30
Cashiers	5	5	–	–	–	5	–	9	–	3	–	–	–
Estimators and investigators, n.e.c	15	266	63	56	11	–	6	–	–	26	4	–	5
Office machine operators	11	707	25	55	23	84	–	19	5	47	5	–	12
Shipping and receiving clerks	–	96	11	16	54	78	6	40	33	38	36	10	–
Stock clerks and storekeepers	23	1 307	85	69	21	49	5	6	49	6	10	10	4
Other clerical and kindred workers	165	6 584	590	767	1 002	381	31	125	241	1 156	139	28	165
Craftsmen and kindred workers	**395**	**15 028**	**4 945**	**668**	**1 673**	**996**	**35**	**262**	**847**	**1 985**	**141**	**112**	**259**
Blacksmiths, forgemen, hammermen, and boilermakers	–	20	131	–	–	4	–	–	11	14	–	–	–
Brickmasons and stonemasons	–	–	–	6	–	–	–	–	5	–	–	–	–
Carpenters	3	89	801	6	9	32	–	–	18	4	–	4	–
Cranemen, derrickmen, and hoistmen	–	148	61	9	10	–	–	–	7	–	–	–	5
Electricians	4	1 722	606	15	15	15	–	–	39	10	–	–	–
Excavating, grading, and road machine operators	–	–	5	–	–	5	–	–	14	–	–	–	3
Foremen, n.e.c	48	2 518	361	284	97	293	10	84	214	160	62	33	41
Mechanics and repairmen	205	6 488	248	179	66	167	10	24	169	42	30	–	14
Automobile, including body	179	33	5	–	–	38	–	–	10	–	–	–	–
Machinists, job setters, and toolmakers	48	2 182	576	95	73	41	–	–	53	10	10	69	16
Metal craftsmen, except mechanics and machinists	73	901	916	21	55	10	–	5	111	–	–	–	–
Painters, construction and maintenance, and plasterers and paperhangers	14	211	235	6	15	19	–	–	–	10	10	6	–
Plumbers and pipe fitters	–	225	623	–	6	–	–	–	76	–	5	–	4
Printing craftsmen	–	103	6	16	10	–	–	12	58	1 716	–	–	–
Stationary engineers and power station operators	–	105	47	6	5	79	–	–	29	5	18	–	4
Other craftsmen and kindred workers	–	316	329	25	1 312	331	15	137	43	14	6	–	172
Operatives, except transport	**334**	**8 122**	**2 157**	**540**	**1 800**	**2 130**	**227**	**1 913**	**2 004**	**360**	**273**	**384**	**760**
Assemblers	80	1 468	100	107	138	22	–	5	18	14	4	54	17
Checkers, examiners, and inspectors; manufacturing	22	1 239	93	155	31	51	11	114	198	31	5	18	132
Filers, polishers, sanders, and buffers	4	122	14	–	27	4	–	–	–	–	6	3	5
Painters, manufactured articles	29	160	111	–	4	10	–	–	8	–	–	–	–
Precision machine operatives	23	777	55	37	14	5	–	–	5	–	5	–	6
Welders and flamecutters	98	133	1 093	16	14	24	–	–	10	5	–	9	7
Other specified operatives	33	1 623	202	67	1 199	1 142	216	1 594	606	103	92	33	503
Machine operatives, miscellaneous specified	6	1 021	259	43	153	406	–	124	735	88	99	212	33
Machine operatives, not specified	5	426	60	43	32	80	–	5	165	44	48	19	21
Miscellaneous operatives	24	690	119	54	178	195	–	38	179	62	9	24	31
Not specified operatives	10	463	51	18	10	191	–	33	80	13	5	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	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
SEATTLE–EVERETT SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	28	335	111	8	81	910	9	8	260	117	31	17	108
Deliverymen and routemen	–	16	8	–	–	641	–	–	4	97	14	6	8
Truck drivers	12	170	32	4	14	204	4	8	121	20	14	11	52
Other transport equipment operatives	16	149	71	4	67	65	5	–	135	–	3	–	48
Laborers, except farm	55	243	335	10	393	488	6	31	371	56	91	13	122
Freight, stock, and material handlers	36	113	77	6	31	319	–	15	165	31	58	3	9
Other specified laborers	9	52	62	4	295	51	–	–	26	4	4	–	93
Miscellaneous laborers	4	10	134	–	11	20	–	6	91	16	4	–	–
Not specified laborers	6	68	62	–	56	98	6	10	89	5	25	10	20
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	528	95	40	122	244	3	22	96	64	11	5	49
Cleaning service workers	–	280	38	15	44	123	3	16	64	40	11	5	16
Personal service workers	–	13	–	–	–	6	–	–	11	–	–	–	3
Guards and watchmen	–	121	23	14	5	18	–	–	11	–	–	–	–
Other service workers, including private household	–	114	34	11	73	97	–	6	10	24	–	–	30
Female employed	198	9 723	634	983	1 687	1 660	211	2 134	1 121	2 009	272	258	777
Professional, technical, and kindred workers	17	1 126	44	240	140	46	4	41	35	250	12	–	30
Accountants	–	146	–	26	33	24	–	5	11	13	4	–	–
Computer specialists	5	162	–	61	–	5	–	–	–	–	–	–	–
Life and physical scientists	–	5	–	–	–	6	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	55	5	5	4	–	–	–	6	4	–	–	–
Social scientists	–	5	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	12	71	13	19	12	–	4	36	–	210	–	–	7
Other professional, technical, and kindred workers	–	682	26	129	91	11	–	–	18	23	8	–	23
Managers and administrators, except farm	6	107	15	15	62	31	9	16	4	83	10	5	3
Salaried	6	102	9	15	45	31	9	11	4	56	5	5	3
Self-employed	–	5	6	–	17	–	–	5	–	27	5	–	–
Sales workers	6	12	–	4	18	71	–	33	–	139	4	5	41
Clerical and kindred workers	154	5 630	379	593	773	473	30	178	282	1 042	180	47	161
Bookkeepers	22	139	71	20	52	95	4	21	47	138	44	23	26
Cashiers	5	5	–	–	–	–	–	9	–	–	–	–	–
Counter clerks, except food	–	47	–	–	–	18	–	5	–	95	–	–	–
File clerks	5	525	30	38	17	18	–	–	11	33	–	–	5
Office machine operators	11	444	20	8	9	79	–	19	–	21	–	–	12
Bookkeeping and billing machine operators	11	–	6	–	9	12	–	–	–	–	–	–	–
Receptionists	–	30	4	6	6	25	–	–	4	50	–	–	–
Secretaries	52	1 385	106	288	146	102	15	60	105	191	63	10	51
Stenographers	4	169	6	33	–	4	–	–	–	6	4	–	–
Typists	37	572	85	34	30	9	6	11	16	149	23	–	4
Other clerical and kindred workers	18	2 314	57	166	513	123	5	53	99	359	46	14	63
Craftsmen and kindred workers	–	873	80	17	114	54	6	116	23	293	8	–	14
Foremen, n.e.c	–	43	–	–	5	25	6	59	11	26	8	–	–
Operatives, except transport	9	1 803	113	110	515	886	162	1 736	735	167	58	197	458
Assemblers	5	438	24	51	60	11	–	5	18	–	–	25	12
Checkers, examiners, and inspectors; manufacturing	–	79	–	9	11	7	11	114	118	26	–	–	41
Packers and wrappers, except meat and produce	–	40	–	–	24	374	–	35	220	6	15	8	–
Other operatives, except transport	4	1 246	89	50	420	494	151	1 582	379	135	43	164	405
Transport equipment operatives	6	3	–	–	–	10	–	–	4	10	–	–	–
Laborers, except farm	–	65	3	–	29	54	–	8	32	–	–	4	59
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	104	–	4	36	35	–	6	6	25	–	–	11
Cleaning service workers	–	51	–	4	5	4	–	–	6	5	–	–	–
Personal service workers	–	5	–	–	–	–	–	–	–	–	–	–	3
Other service workers, including private household	–	48	–	–	31	31	–	6	–	20	–	–	8

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
SEATTLE–EVERETT SMSA													
Total employed	**4 134**	**6 813**	**17 079**	**9 988**	**7 570**	**32 438**	**15 968**	**13 139**	**12 127**	**19 810**	**28 711**	**12 683**	**25 987**
Professional, technical, and kindred workers	**158**	**102**	**2 085**	**1 677**	**910**	**1 632**	**478**	**128**	**147**	**321**	**1 530**	**795**	**1 526**
Accountants	61	72	209	118	121	430	105	30	118	15	167	304	659
Architects	–	–	–	–	11	–	–	–	–	–	6	–	19
Computer specialists	–	–	33	89	32	95	28	–	–	–	14	109	152
Engineers	34	20	362	592	383	464	10	4	–	–	27	40	54
Chemical	–	–	–	–	5	15	–	–	–	–	–	–	–
Civil	23	5	43	29	72	9	5	–	–	–	–	4	10
Electrical and electronic	5	6	–	507	285	41	–	–	–	–	–	–	–
Industrial	–	–	4	20	10	22	–	4	–	–	5	36	19
Mechanical	–	9	289	12	–	73	–	–	–	–	5	–	5
Other engineers	6	–	26	24	11	304	5	–	–	–	17	–	20
Mathematical specialists	–	–	–	42	–	17	–	6	–	–	–	47	11
Life and physical scientists	–	–	4	4	5	14	–	–	–	–	6	–	10
Chemists	–	–	–	–	–	14	–	–	–	–	–	–	6
Personnel and labor relations workers	8	–	44	133	29	85	88	16	6	4	57	90	213
Social scientists	–	–	–	30	16	64	–	–	5	–	16	16	54
Engineering and science technicians	25	–	64	184	128	145	17	9	5	–	15	12	50
Draftsmen	9	–	7	66	62	104	17	4	–	–	6	12	20
Electrical and electronic engineering technicians	5	–	13	105	13	28	–	–	5	–	9	–	–
Industrial and mechanical engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	4	–	1 257	35	11	35	–	–	5	–	23	5	–
Writers, artists, and entertainers	5	10	69	380	41	156	150	17	4	288	215	68	134
Other professional, technical, and kindred workers	21	–	43	70	133	127	80	46	4	14	984	104	170
Managers and administrators, except farm	**476**	**460**	**1 648**	**704**	**431**	**4 969**	**1 808**	**1 951**	**2 321**	**1 740**	**3 891**	**1 253**	**5 761**
Buyers, purchasing agents, and sales managers	31	34	92	31	64	1 632	989	489	275	25	1 019	168	163
Other managers and administrators	445	426	1 556	673	367	3 337	819	1 462	2 046	1 715	2 872	1 085	5 598
Salaried	445	395	1 481	673	357	2 778	691	877	1 126	1 092	1 827	1 035	5 074
Self-employed	–	31	75	–	10	559	128	585	920	623	1 045	50	524
Sales workers	**34**	**123**	**230**	**220**	**113**	**7 454**	**6 921**	**1 804**	**2 261**	**235**	**10 484**	**3 788**	**5 830**
Clerical and kindred workers	**968**	**1 293**	**3 561**	**4 626**	**1 751**	**7 546**	**3 894**	**3 139**	**1 132**	**1 071**	**4 893**	**6 562**	**10 519**
Bookkeepers	32	148	250	147	113	1 476	375	256	523	222	1 144	374	1 253
Cashiers	29	15	98	22	60	66	673	2 212	71	728	707	37	142
Estimators and investigators, n.e.c	71	36	40	97	76	102	179	25	63	10	69	242	319
Office machine operators	64	72	95	166	93	387	228	58	16	5	115	340	732
Shipping and receiving clerks	17	113	200	17	5	695	229	48	20	–	199	19	9
Stock clerks and storekeepers	35	23	90	36	30	420	235	177	46	–	238	56	36
Other clerical and kindred workers	720	886	2 788	4 141	1 374	4 400	1 975	363	393	106	2 421	5 494	8 028
Craftsmen and kindred workers	**1 207**	**610**	**1 940**	**2 546**	**2 327**	**3 652**	**808**	**576**	**2 440**	**69**	**3 034**	**153**	**638**
Blacksmiths, forgemen, hammermen, and boilermakers	5	–	6	–	17	19	–	–	6	–	–	–	–
Brickmasons and stonemasons	–	–	–	–	12	4	–	–	–	4	4	4	7
Carpenters	40	5	78	11	14	37	37	5	13	14	118	6	168
Cranemen, derrickmen, and hoistmen	4	5	62	–	8	95	–	–	–	–	6	–	–
Electricians	36	–	70	21	156	55	31	–	–	–	21	–	17
Excavating, grading, and road machine operators	16	5	11	–	81	5	–	–	–	–	25	–	21
Foremen, n.e.c	137	223	234	170	270	830	177	122	122	19	254	48	83
Mechanics and repairmen	274	267	1 179	83	414	1 353	297	49	2 160	4	723	14	51
Automobile, including body	13	233	212	27	79	213	87	29	2 010	–	55	–	5
Machinists, job setters, and toolmakers	10	6	61	–	21	264	–	–	20	–	–	–	14
Metal craftsmen, except mechanics and machinists	20	10	26	5	–	55	–	–	–	–	38	–	–
Painters, construction and maintenance, and plasterers and paperhangers	–	16	31	–	12	20	10	6	–	–	50	–	135
Plumbers and pipe fitters	11	–	10	6	89	24	–	5	6	–	63	–	15
Printing craftsmen	–	4	–	36	6	66	21	–	6	–	15	18	24
Stationary engineers and power station operators	–	21	55	5	375	62	6	24	5	–	–	–	25
Other craftsmen and kindred workers	654	48	117	2 209	852	763	229	365	102	28	1 717	63	78
Operatives, except transport	**128**	**66**	**1 296**	**56**	**291**	**2 179**	**349**	**1 640**	**3 271**	**47**	**977**	**14**	**92**
Assemblers	–	–	5	–	–	35	–	5	15	–	33	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	–	–	–	–	17	–	–	5	–	–	–	5
Painters, manufactured articles	–	–	14	–	4	20	–	–	59	–	9	–	6
Precision machine operatives	–	–	–	–	–	33	–	–	6	–	6	–	–
Welders and flamecutters	19	6	23	–	28	152	–	–	5	–	6	–	–
Other specified operatives	28	46	875	20	107	1 222	297	1 528	3 126	31	733	–	34
Machine operatives, miscellaneous specified	4	4	25	–	3	241	21	4	23	16	64	10	24
Machine operatives, not specified	4	–	9	18	13	95	–	9	–	–	12	4	5
Miscellaneous operatives	52	5	333	18	131	292	21	60	27	–	89	–	18
Not specified operatives	21	5	12	–	5	72	10	34	5	–	25	–	–

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
SEATTLE–EVERETT SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	**757**	**3 346**	**2 649**	**67**	**666**	**2 510**	**266**	**290**	**241**	**120**	**1 192**	**–**	**20**
Deliverymen and routemen	–	256	24	61	22	1 121	170	150	73	99	568	–	–
Truck drivers	47	3 030	103	6	302	1 114	81	104	129	16	500	–	15
Other transport equipment operatives	710	60	2 522	–	342	275	15	36	39	5	124	–	5
Laborers, except farm	**256**	**724**	**1 678**	**40**	**821**	**2 262**	**540**	**3 072**	**227**	**77**	**819**	**11**	**352**
Freight, stock, and material handlers	46	666	1 483	12	244	1 787	518	2 976	33	41	367	–	28
Other specified laborers	43	39	112	13	348	223	9	33	151	–	284	11	255
Miscellaneous laborers	105	–	44	5	117	97	–	5	5	–	40	–	21
Not specified laborers	62	19	39	10	112	155	13	58	38	36	128	–	48
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**150**	**89**	**1 992**	**52**	**260**	**234**	**904**	**539**	**87**	**16 130**	**1 891**	**107**	**1 249**
Cleaning service workers	61	32	131	32	163	182	223	140	77	277	242	92	765
Personal service workers	15	18	1 441	7	–	–	179	15	–	142	115	–	87
Guards and watchmen	16	15	47	–	5	12	68	–	5	13	61	4	134
Other service workers, including private household	58	24	373	13	92	40	434	384	5	15 698	1 473	11	263
Female employed	**458**	**997**	**4 761**	**5 057**	**1 350**	**7 443**	**10 644**	**4 983**	**1 245**	**11 594**	**13 789**	**6 704**	**13 413**
Professional, technical, and kindred workers	**15**	**26**	**167**	**366**	**58**	**289**	**269**	**28**	**44**	**120**	**502**	**305**	**664**
Accountants	9	26	88	58	21	149	77	16	44	10	120	176	319
Computer specialists	–	–	–	43	14	25	5	–	–	–	5	29	39
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	5	–	6	–	–	–	14	13	–	22
Social scientists	–	–	–	5	–	3	–	–	–	–	6	–	9
Writers, artists, and entertainers	–	–	26	73	–	61	92	–	–	96	95	35	53
Other professional, technical, and kindred workers	6	–	53	182	23	45	95	12	–	–	263	65	222
Managers and administrators, except farm	**23**	**60**	**235**	**145**	**34**	**270**	**466**	**286**	**57**	**548**	**1 034**	**183**	**1 647**
Salaried	23	60	221	145	34	232	414	113	52	330	636	179	1 517
Self-employed	–	–	14	–	–	38	52	173	5	218	398	4	130
Sales workers	–	**3**	**125**	**64**	**11**	**441**	**5 433**	**1 217**	**90**	**118**	**5 967**	**517**	**1 475**
Clerical and kindred workers	**364**	**834**	**2 100**	**4 259**	**1 122**	**5 359**	**3 344**	**2 154**	**915**	**950**	**4 026**	**5 602**	**9 072**
Bookkeepers	20	125	18 8	140	85	1 286	361	216	453	187	1 060	347	1 159
Cashiers	24	10	43	16	43	50	642	1 632	62	670	659	37	132
Counter clerks, except food	–	13	3	80	5	131	155	–	–	11	46	7	8
File clerks	14	31	57	136	34	174	114	7	37	–	60	428	172
Office machine operators	46	67	80	147	79	324	195	51	5	5	105	257	583
Bookkeeping and billing machine operators	–	40	–	16	11	47	48	–	5	–	32	9	215
Receptionists	–	26	67	24	9	185	16	–	25	10	71	79	202
Secretaries	71	197	468	320	169	1 534	316	64	98	19	420	1 553	1 891
Stenographers	21	12	29	21	24	66	5	–	–	–	5	92	93
Typists	23	95	119	299	83	334	122	13	45	10	183	864	532
Other clerical and kindred workers	145	258	1 046	3 076	591	1 275	1 418	171	190	38	1 417	1 938	4 300
Craftsmen and kindred workers	**11**	**7**	**45**	**117**	**17**	**192**	**152**	**110**	**24**	**31**	**457**	**38**	**38**
Foremen, n.e.c	–	7	8	26	6	73	30	11	–	–	33	23	15
Operatives, except transport	–	**5**	**76**	**41**	–	**617**	**278**	**599**	**88**	**18**	**495**	–	**25**
Assemblers	–	–	5	–	–	6	–	5	–	–	25	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	–	33	–	–	182	129	54	–	6	39	–	–
Other operatives, except transport	–	5	38	41	–	429	149	540	88	12	431	–	25
Transport equipment operatives	**10**	**33**	**624**	**9**	**38**	**81**	**4**	–	**6**	**6**	**34**	–	–
Laborers, except farm	**13**	**6**	**79**	**14**	**5**	**154**	**118**	**255**	**6**	–	**105**	–	**27**
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**22**	**23**	**1 310**	**42**	**65**	**40**	**580**	**334**	**15**	**9 803**	**1 169**	**59**	**465**
Cleaning service workers	14	5	23	22	10	24	45	19	15	67	56	48	246
Personal service workers	3	18	1 200	7	–	–	165	9	–	69	107	–	50
Other service workers, including private household	5	–	87	13	55	16	370	306	–	9 667	1 006	11	169

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
SEATTLE-EVERETT SMSA												
Total employed	**11 009**	**7 526**	**5 094**	**16 466**	**5 459**	**16 662**	**14 901**	**39 527**	**9 102**	**8 521**	**15 591**	**25 896**
Professional, technical, and kindred workers	**1 918**	**254**	**315**	**571**	**1 429**	**7 567**	**6 176**	**23 806**	**5 498**	**3 249**	**9 054**	**4 558**
Accountants	324	23	135	16	23	65	61	71	25	59	1 386	758
Architects	6	-	-	-	5	-	-	20	-	-	716	54
Computer specialists	144	-	-	-	-	25	6	154	9	5	67	59
Engineers	206	16	5	6	11	45	26	156	-	4	1 304	652
Chemical	11	-	-	-	-	-	-	5	-	-	9	15
Civil	5	-	-	-	-	4	5	6	-	4	589	265
Electrical and electronic	14	16	5	-	11	10	5	61	-	-	145	99
Industrial	78	-	-	-	-	-	-	10	-	-	36	45
Mechanical	30	-	-	-	-	16	-	18	-	-	141	53
Other engineers	68	-	-	6	-	15	16	56	-	-	384	175
Mathematical specialists	11	-	-	-	-	-	-	18	10	-	37	10
Life and physical scientists	37	-	-	-	-	89	74	359	10	-	58	184
Chemists	29	-	-	-	-	25	10	116	-	-	20	38
Personnel and labor relations workers	385	6	11	5	11	22	17	97	21	42	-	444
Social scientists	66	-	-	-	-	39	59	137	10	28	31	139
Engineering and science technicians	137	36	6	14	19	79	51	516	27	11	842	429
Draftsmen	61	-	-	5	-	-	-	60	-	11	547	108
Electrical and electronic engineering technicians	10	33	-	5	19	10	9	107	7	-	24	124
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	4	-	-	-	4
Technicians, except health, and engineering and science	42	14	-	15	-	-	16	24	15	10	6	587
Writers, artists, and entertainers	475	10	91	315	991	35	41	325	99	362	629	130
Other professional, technical, and kindred workers	85	149	67	200	369	7 168	5 825	21 929	5 272	2 728	3 978	1 112
Managers and administrators, except farm	**1 110**	**658**	**701**	**749**	**494**	**524**	**460**	**1 665**	**469**	**1 010**	**424**	**3 202**
Buyers, purchasing agents, and sales managers	103	29	11	18	28	37	8	71	25	21	36	156
Other managers and administrators	1 007	629	690	731	466	487	452	1 594	444	989	388	3 046
Salaried	724	358	453	443	375	487	409	1 594	401	989	317	3 046
Self-employed	283	271	237	288	91	-	43	-	43	-	71	-
Sales workers	**635**	**127**	**14**	**151**	**180**	**7**	**22**	**40**	**86**	**114**	**92**	**106**
Clerical and kindred workers	**3 441**	**1 024**	**875**	**1 223**	**881**	**3 037**	**2 413**	**7 415**	**1 443**	**2 099**	**4 294**	**10 161**
Bookkeepers	333	250	69	151	130	199	444	209	62	222	550	271
Cashiers	27	60	80	76	257	77	5	253	27	42	6	91
Estimators and investigators, n.e.c	171	19	6	16	19	19	5	9	33	31	50	317
Office machine operators	236	-	14	5	14	98	13	251	49	16	180	206
Shipping and receiving clerks	13	10	6	-	5	8	6	13	-	-	-	87
Stock clerks and storekeepers	53	23	4	11	-	65	9	80	6	5	30	165
Other clerical and kindred workers	2 608	662	696	964	456	2 571	1 931	6 600	1 266	1 783	3 478	9 024
Craftsmen and kindred workers	**782**	**3 971**	**122**	**471**	**337**	**299**	**441**	**1 045**	**149**	**125**	**230**	**1 347**
Blacksmiths, forgemen, hammermen, and boilermakers	-	63	-	5	-	-	-	11	-	-	-	11
Brickmasons and stonemasons	-	-	-	-	-	-	-	21	-	-	-	-
Carpenters	13	14	14	28	22	28	21	61	45	14	6	113
Cranemen, derrickmen, and hoistmen	16	-	-	-	-	-	-	-	-	-	4	18
Electricians	10	25	-	12	4	8	6	87	5	5	-	126
Excavating, grading, and road machine operators	-	-	-	8	-	-	-	-	-	-	5	38
Foremen, n.e.c	128	85	20	41	19	30	20	92	6	23	14	223
Mechanics and repairmen	266	3 076	14	58	96	35	9	158	26	18	39	403
Automobile, including body	13	1 924	-	17	6	5	5	61	5	4	-	149
Machinists, job setters, and toolmakers	54	59	-	11	6	-	4	58	-	4	5	32
Metal craftsmen, except mechanics and machinists	9	19	-	-	-	-	-	18	5	-	-	11
Painters, construction and maintenance, and plasterers and paperhangers	34	26	28	40	6	27	6	102	10	4	13	59
Plumbers and pipe fitters	5	5	6	-	4	10	7	77	-	11	-	29
Printing craftsmen	30	6	-	-	-	-	13	121	5	16	6	28
Stationary engineers and power station operators	-	5	25	23	8	129	9	54	6	-	-	56
Other craftsmen and kindred workers	217	588	15	245	172	32	346	185	41	30	138	200
Operatives, except transport	**473**	**549**	**60**	**2 086**	**47**	**286**	**175**	**303**	**91**	**134**	**209**	**376**
Assemblers	21	-	-	-	-	-	-	-	-	-	11	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	43	-	-	-	-	-	-	-	-	-	-
Painters, manufactured articles	-	151	-	-	-	-	-	-	-	5	-	-
Precision machine operatives	-	29	-	-	-	-	-	10	5	-	-	-
Welders and flamecutters	5	73	-	11	-	-	-	7	-	-	6	29
Other specified operatives	295	169	36	2 025	30	274	145	127	28	73	178	260
Machine operatives, miscellaneous specified	45	21	7	29	-	-	6	16	6	5	5	36
Machine operatives, not specified	15	-	-	-	-	3	-	9	9	-	5	16
Miscellaneous operatives	88	57	17	6	12	5	15	134	43	51	-	24
Not specified operatives	4	6	-	15	5	4	9	-	-	-	4	11

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
SEATTLE–EVERETT SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	**240**	**373**	**63**	**396**	**29**	**18**	**19**	**210**	**16**	**94**	**25**	**284**
Deliverymen and routemen	143	5	5	303	–	9	9	42	3	7	4	30
Truck drivers	73	116	19	66	11	–	5	65	4	52	5	171
Other transport equipment operatives	24	252	39	27	18	9	5	103	9	35	16	83
Laborers, except farm	**133**	**382**	**59**	**649**	**409**	**96**	**43**	**327**	**54**	**100**	**72**	**802**
Freight, stock, and material handlers	48	12	5	66	43	69	5	56	11	44	–	344
Other specified laborers	38	307	33	470	321	17	18	242	38	38	72	371
Miscellaneous laborers	7	30	–	9	26	–	–	5	–	–	–	17
Not specified laborers	40	33	21	104	19	10	20	24	5	18	–	70
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**2 277**	**188**	**2 885**	**10 170**	**1 653**	**4 828**	**5 152**	**4 716**	**1 296**	**1 596**	**1 191**	**5 060**
Cleaning service workers	1 679	49	976	251	271	934	345	2 298	498	570	50	532
Personal service workers	59	10	693	4 083	625	100	150	555	274	428	27	120
Guards and watchmen	391	9	12	–	5	5	–	113	38	8	4	290
Other service workers, including private household	148	120	1 204	5 836	752	3 789	4 657	1 750	486	590	1 110	4 118
Female employed	**4 652**	**1 236**	**2 796**	**11 841**	**2 235**	**13 427**	**10 615**	**22 910**	**6 079**	**4 540**	**7 301**	**7 742**
Professional, technical, and kindred workers	**584**	**94**	**146**	**297**	**570**	**6 196**	**2 996**	**13 165**	**3 709**	**1 425**	**2 209**	**1 039**
Accountants	185	19	58	11	12	55	52	43	21	39	323	242
Computer specialists	23	–	–	–	–	5	–	55	–	–	20	17
Life and physical scientists	4	–	–	–	–	48	45	82	–	–	–	12
Registered nurses, dietitians, and therapists	4	–	12	78	20	4 922	1 959	393	54	73	21	87
Social scientists	12	–	–	–	–	24	34	50	–	16	6	14
Writers, artists, and entertainers	106	–	37	127	343	30	9	188	50	236	214	42
Other professional, technical, and kindred workers	250	75	39	81	195	1 112	897	12 354	3 584	1 061	1 625	625
Managers and administrators, except farm	**148**	**46**	**289**	**211**	**69**	**202**	**234**	**415**	**191**	**205**	**92**	**537**
Salaried	122	46	199	113	53	202	217	415	168	205	67	537
Self-employed	26	–	90	98	16	–	17	–	23	–	25	–
Sales workers	**222**	**21**	**4**	**92**	**73**	**7**	**–**	**25**	**19**	**63**	**24**	**53**
Clerical and kindred workers	**2 842**	**831**	**611**	**1 147**	**707**	**2 906**	**2 345**	**6 732**	**1 280**	**1 873**	**3 943**	**5 629**
Bookkeepers	305	244	41	136	114	193	439	200	51	176	490	206
Cashiers	27	26	75	76	179	73	5	249	27	42	6	58
Counter clerks, except food	29	31	150	391	34	5	–	32	10	8	–	–
File clerks	108	–	–	9	–	136	13	110	34	24	73	124
Office machine operators	186	–	14	5	14	92	10	195	49	11	143	144
Bookkeeping and billing machine operators	13	–	14	5	10	42	5	9	17	–	15	26
Receptionists	126	5	39	140	69	414	815	166	87	102	68	64
Secretaries	615	165	122	87	163	782	610	2 888	541	925	1 712	971
Stenographers	73	–	–	–	–	–	26	22	–	60	83	213
Typists	354	49	19	22	4	157	135	429	103	197	171	728
Other clerical and kindred workers	1 019	311	151	281	130	1 054	292	2 441	378	328	1 197	3 121
Craftsmen and kindred workers	**55**	**81**	**10**	**101**	**7**	**28**	**99**	**139**	**50**	**17**	**25**	**56**
Foremen, n.e.c	29	–	10	14	3	8	5	4	6	5	9	17
Operatives, except transport	**163**	**63**	**26**	**1 634**	**16**	**222**	**140**	**123**	**35**	**87**	**69**	**34**
Assemblers	–	–	–	–	–	–	–	–	–	–	6	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	23	–	–	16	6	–	6	–	–	11	4	12
Other operatives, except transport	140	63	26	1 618	10	222	134	123	35	76	59	22
Transport equipment operatives	**43**	**24**	**–**	**20**	**–**	**–**	**10**	**67**	**5**	**13**	**5**	**8**
Laborers, except farm	**24**	**18**	**–**	**81**	**31**	**80**	**28**	**31**	**–**	**10**	**33**	**19**
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**571**	**58**	**1 710**	**8 258**	**762**	**3 786**	**4 763**	**2 213**	**790**	**847**	**901**	**367**
Cleaning service workers	487	–	704	87	67	506	206	181	113	160	29	110
Personal service workers	35	10	482	2 727	256	57	137	447	244	324	27	48
Other service workers, including private household	49	48	524	5 444	439	3 223	4 420	1 585	433	363	845	209

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
SPOKANE SMSA												
Total employed	**99 891**	**2 474**	**401**	**5 624**	**12 447**	**1 208**	**479**	**907**	**2 445**	**503**	**681**	**754**
Professional, technical, and kindred workers	**15 439**	**131**	**81**	**281**	**908**	**54**	**23**	**71**	**209**	**33**	**66**	**97**
Accountants	1 015	5	5	34	137	14	12	16	34	5	13	11
Architects	66	10	–	–	–	–	–	–	–	–	–	–
Computer specialists	173	–	–	–	47	–	–	–	19	–	16	6
Engineers	897	8	15	128	175	4	11	28	61	4	21	25
Chemical	5	–	–	–	–	–	–	–	–	–	–	–
Civil	243	8	–	96	6	–	–	6	–	–	–	–
Electrical and electronic	195	–	–	4	20	–	–	–	4	–	–	16
Industrial	49	–	–	–	16	–	–	11	5	–	–	–
Mechanical	118	–	–	–	62	4	–	4	28	–	12	4
Other engineers	287	–	15	28	71	–	11	7	24	4	9	5
Mathematical specialists	11	–	–	–	7	–	–	–	7	–	–	–
Life and physical scientists	194	–	19	–	66	–	–	6	31	–	–	–
Chemists	88	–	–	–	62	–	–	6	31	–	–	–
Personnel and labor relations workers	455	–	–	5	36	17	–	–	9	–	–	5
Social scientists	83	–	–	5	–	–	–	–	–	–	–	–
Engineering and science technicians	760	14	32	82	179	5	–	12	45	18	16	34
Draftsmen	368	–	19	47	84	5	–	4	29	18	12	16
Electrical and electronic engineering technicians	133	–	–	–	30	–	–	–	7	–	–	11
Industrial and mechanical engineering technicians	33	–	13	–	15	–	–	–	4	–	4	7
Technicians, except health, and engineering and science	262	10	–	10	6	–	–	–	–	6	–	–
Writers, artists, and entertainers	951	14	–	5	181	4	–	5	–	–	–	16
Other professional, technical, and kindred workers	10 572	70	10	12	74	10	–	4	3	–	–	–
Managers and administrators, except farm	**10 060**	**6**	**29**	**759**	**952**	**100**	**68**	**33**	**57**	**80**	**96**	**50**
Buyers, purchasing agents, and sales managers	1 362	–	9	32	212	6	6	5	27	5	20	18
Other managers and administrators	8 698	6	20	727	740	94	62	28	30	75	76	32
Salaried	6 991	–	20	453	635	89	58	28	30	65	60	32
Self-employed	1 707	6	–	274	105	5	4	–	–	10	16	–
Sales workers	**9 141**	**55**	**5**	**110**	**662**	**27**	**22**	**11**	**12**	**37**	**63**	**7**
Clerical and kindred workers	**17 888**	**58**	**98**	**444**	**1 292**	**84**	**32**	**103**	**169**	**26**	**64**	**48**
Bookkeepers	2 182	23	18	125	156	16	13	6	9	6	14	–
Cashiers	1 335	–	4	–	11	–	–	–	6	–	–	–
Estimators and investigators, n.e.c	403	4	–	102	25	–	–	–	–	–	–	–
Office machine operators	582	5	10	10	91	–	–	9	17	–	4	–
Shipping and receiving clerks	368	–	–	–	90	11	–	14	9	–	5	5
Stock clerks and storekeepers	407	–	–	9	63	–	–	–	–	–	5	10
Other clerical and kindred workers	12 611	26	66	198	856	57	19	74	128	20	36	33
Craftsmen and kindred workers	**12 988**	**64**	**50**	**2 821**	**3 089**	**258**	**94**	**290**	**834**	**152**	**229**	**139**
Blacksmiths, forgemen, hammermen, and boilermakers	82	–	–	24	38	–	–	6	10	22	–	–
Brickmasons and stonemasons	137	–	–	84	46	–	4	–	37	5	–	–
Carpenters	999	–	–	722	104	25	10	–	14	4	5	–
Cranemen, derrickmen, and hoistmen	421	–	–	27	335	19	11	63	220	8	5	–
Electricians	582	–	–	236	163	–	–	5	111	–	4	–
Excavating, grading, and road machine operators	349	22	–	246	18	13	5	–	–	–	–	–
Foremen, n.e.c	1 661	11	16	202	728	74	38	84	205	26	32	62
Mechanics and repairmen	3 266	9	14	130	389	19	16	33	104	4	62	9
Automobile, including body	1 266	–	–	9	73	5	7	4	10	–	11	–
Machinists, job setters, and toolmakers	377	–	–	5	251	–	–	31	36	24	121	31
Metal craftsmen, except mechanics and machinists	382	–	5	96	210	20	–	54	40	42	–	4
Painters, construction and maintenance, and plasterers and paperhangers	420	10	–	248	18	–	–	–	10	4	–	4
Plumbers and pipe fitters	383	–	5	209	25	–	–	–	20	–	–	–
Printing craftsmen	332	–	–	–	291	–	–	–	5	–	–	–
Stationary engineers and power station operators	189	–	–	5	25	–	–	–	–	–	–	–
Other craftsmen and kindred workers	3 408	12	10	587	448	88	10	14	22	13	–	29
Operatives, except transport	**7 830**	**36**	**106**	**409**	**3 857**	**362**	**71**	**269**	**846**	**151**	**158**	**380**
Assemblers	370	–	–	5	347	21	–	9	24	–	29	124
Checkers, examiners, and inspectors; manufacturing	115	–	–	–	115	5	5	10	33	–	10	13
Filers, polishers, sanders, and buffers	76	–	–	5	51	5	4	–	10	6	5	16
Painters, manufactured articles	104	–	–	–	30	5	–	5	9	–	–	6
Precision machine operatives	113	–	–	6	72	–	–	13	28	9	11	6
Welders and flamecutters	633	–	9	75	334	4	5	10	55	72	78	6
Other specified operatives	4 348	22	97	287	1 495	229	11	100	242	24	7	75
Machine operatives, miscellaneous specified	965	9	–	9	770	39	6	77	280	21	4	38
Machine operatives, not specified	285	–	–	14	207	–	–	25	38	4	10	78
Miscellaneous operatives	547	5	–	–	281	40	23	9	102	7	4	5
Not specified operatives	274	–	–	8	155	14	17	11	25	8	–	13

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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
SPOKANE SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	**4 190**	**38**	**11**	**178**	**693**	**62**	**112**	**77**	**93**	**10**	**–**	**14**
Deliverymen and routemen	868	–	–	10	183	13	10	14	5	–	–	–
Truck drivers	2 032	38	11	157	300	22	96	41	42	10	–	3
Other transport equipment operatives	1 290	–	–	11	210	27	6	22	46	–	–	11
Laborers, except farm	**4 002**	**146**	**21**	**593**	**721**	**250**	**44**	**42**	**125**	**14**	**5**	**9**
Freight, stock, and material handlers	1 798	5	16	20	291	142	27	4	15	9	–	4
Other specified laborers	1 402	136	5	562	113	37	–	7	4	5	–	5
Miscellaneous laborers	269	–	–	11	74	30	6	10	16	–	–	–
Not specified laborers	533	5	–	–	243	41	11	21	90	–	5	–
Farm workers	**1 925**	**1 925**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Service workers, including private household	**16 428**	**15**	**–**	**29**	**273**	**11**	**13**	**11**	**100**	**–**	**–**	**10**
Cleaning service workers	3 154	–	–	18	197	4	13	11	79	–	–	10
Personal service workers	1 841	9	–	6	10	–	–	–	–	–	–	–
Guards and watchmen	222	–	–	–	35	7	–	–	21	–	–	–
Other service workers, including private household	11 211	6	–	5	31	–	–	–	–	–	–	–
Female employed	**38 451**	**309**	**99**	**348**	**1 915**	**120**	**53**	**80**	**118**	**31**	**55**	**172**
Professional, technical, and kindred workers	**6 751**	**14**	**15**	**23**	**125**	**13**	**6**	**20**	**8**	**–**	**5**	**5**
Accountants	362	–	5	10	25	3	6	11	–	–	–	5
Computer specialists	26	–	–	–	5	–	–	–	–	–	5	–
Life and physical scientists	35	–	–	–	10	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 663	–	–	–	7	–	–	4	3	–	–	–
Social scientists	20	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	258	14	–	–	16	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	4 387	–	10	13	62	10	–	5	5	–	–	–
Managers and administrators, except farm	**1 646**	**–**	**4**	**10**	**50**	**–**	**13**	**4**	**–**	**7**	**–**	**–**
Salaried	1 388	–	4	10	46	–	9	4	–	7	–	–
Self-employed	258	–	–	–	4	–	4	–	–	–	–	–
Sales workers	**3 060**	**33**	**–**	**12**	**71**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Clerical and kindred workers	**13 357**	**43**	**80**	**234**	**803**	**58**	**17**	**45**	**91**	**14**	**45**	**29**
Bookkeepers	1 954	16	14	89	145	16	13	6	9	–	9	–
Cashiers	1 039	–	4	–	11	–	–	–	6	–	–	–
Counter clerks, except food	203	–	–	–	10	–	–	–	–	–	–	–
File clerks	261	–	–	–	15	–	–	–	5	–	–	5
Office machine operators	468	5	10	10	65	–	–	9	6	–	–	–
Bookkeeping and billing machine operators	68	–	–	–	–	–	–	–	–	–	–	–
Receptionists	556	9	–	4	13	–	–	–	–	–	–	–
Secretaries	3 548	4	48	85	273	24	4	17	40	9	25	12
Stenographers	240	5	–	–	17	–	–	–	4	–	–	8
Typists	759	–	–	–	66	–	–	–	3	–	–	–
Other clerical and kindred workers	4 329	4	4	46	188	18	–	13	18	5	11	4
Craftsmen and kindred workers	**563**	**–**	**–**	**57**	**117**	**4**	**–**	**–**	**13**	**5**	**–**	**3**
Foremen, n.e.c	111	–	–	–	33	–	–	–	–	5	–	3
Operatives, except transport	**1 862**	**20**	**–**	**–**	**647**	**26**	**10**	**9**	**6**	**5**	**5**	**131**
Assemblers	148	–	–	–	130	10	–	–	–	–	5	83
Checkers, examiners, and inspectors; manufacturing	37	–	–	–	37	–	5	–	–	–	–	9
Packers and wrappers, except meat and produce	195	–	–	–	68	–	–	–	–	–	–	5
Other operatives, except transport	1 482	20	–	–	412	16	5	9	6	5	–	34
Transport equipment operatives	**126**	**4**	**–**	**–**	**31**	**–**	**7**	**2**	**–**	**–**	**–**	**–**
Laborers, except farm	**256**	**12**	**–**	**–**	**54**	**15**	**–**	**–**	**–**	**–**	**–**	**–**
Farm workers	**177**	**177**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Service workers, including private household	**10 653**	**6**	**–**	**12**	**17**	**4**	**–**	**–**	**–**	**–**	**–**	**4**
Cleaning service workers	961	–	–	7	8	4	–	–	–	–	–	4
Personal service workers	1 303	–	–	–	5	–	–	–	–	–	–	–
Other service workers, including private household	8 389	6	–	5	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	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
SPOKANE SMSA													
Total employed	358	10	312	14	738	1 517	24	245	338	1 315	232	70	297
Professional, technical, and kindred workers	4	6	18	-	42	70	-	5	5	152	37	6	10
Accountants	-	-	12	-	-	15	-	-	-	-	5	-	-
Architects	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-	-	-	6	-	-
Engineers	4	-	-	-	-	6	-	-	-	-	5	6	-
Chemical	-	-	-	-	-	-	-	-	-	-	-	-	-
Civil	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical and electronic	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical	4	-	-	-	-	6	-	-	-	-	-	-	-
Other engineers	-	-	-	-	-	-	-	-	-	-	5	6	-
Mathematical specialists	-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	19	-	-	-	-	10	-	-
Chemists	-	-	-	-	-	15	-	-	-	-	10	-	-
Personnel and labor relations workers	-	-	-	-	-	-	-	-	-	5	-	-	-
Social scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering and science technicians	-	6	-	-	10	10	-	-	5	7	11	-	-
Draftsmen	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical and electronic engineering technicians	-	-	-	-	5	-	-	-	-	7	-	-	-
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	-	-	-	-	5	11	-	-	-	140	-	-	-
Other professional, technical, and kindred workers	-	-	6	-	27	9	-	5	-	-	-	-	10
Managers and administrators, except farm	22	-	18	-	58	154	-	-	18	115	45	10	28
Buyers, purchasing agents, and sales managers	-	-	-	-	-	68	-	-	-	21	10	5	21
Other managers and administrators	22	-	18	-	58	86	-	-	18	94	35	5	7
Salaried	22	-	13	-	27	79	-	-	18	67	35	5	7
Self-employed	-	-	5	-	31	7	-	-	-	27	-	-	-
Sales workers	9	-	-	-	24	92	5	14	11	207	62	-	59
Clerical and kindred workers	42	-	9	-	68	159	6	10	15	380	18	-	59
Bookkeepers	-	-	5	-	5	22	-	-	-	50	5	-	5
Cashiers	-	-	-	-	-	5	-	-	-	-	-	-	-
Estimators and investigators, n.e.c	4	-	-	-	-	5	-	-	-	16	-	-	-
Office machine operators	-	-	-	-	-	26	-	-	-	29	-	-	6
Shipping and receiving clerks	4	-	-	-	-	22	-	5	10	5	-	-	-
Stock clerks and storekeepers	29	-	4	-	-	5	-	-	-	4	-	-	6
Other clerical and kindred workers	5	-	-	-	63	74	6	5	5	276	13	-	42
Craftsmen and kindred workers	72	4	123	8	196	188	-	34	79	327	26	5	31
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	-	-	-	-	-	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	-	-	-	-	-	-	-	-	-	-	-
Carpenters	8	-	38	-	-	-	-	-	-	-	-	-	-
Cranemen, derrickmen, and hoistmen	5	-	-	-	-	-	-	-	4	-	-	-	-
Electricians	-	-	5	-	20	7	-	-	5	6	-	-	-
Excavating, grading, and road machine operators	-	-	-	-	-	-	-	-	-	-	-	-	-
Foremen, n.e.c	30	-	16	-	5	49	-	15	26	36	20	5	5
Mechanics and repairmen	12	4	17	5	17	50	-	14	17	-	-	-	6
Automobile, including body	5	-	5	-	-	26	-	-	-	-	-	-	-
Machinists, job setters, and toolmakers	3	-	-	-	-	-	-	-	5	-	-	-	-
Metal craftsmen, except mechanics and machinists	14	-	5	-	5	15	-	-	5	6	-	-	-
Painters, construction and maintenance, and plasterers and paperhangers	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumbers and pipe fitters	-	-	-	-	-	-	-	-	5	-	-	-	-
Printing craftsmen	-	-	-	-	-	-	-	-	7	279	-	-	-
Stationary engineers and power station operators	-	-	-	-	-	20	-	-	5	-	-	-	-
Other craftsmen and kindred workers	-	-	42	3	149	47	-	5	-	-	6	-	20
Operatives, except transport	192	-	109	6	234	515	8	172	174	60	19	49	82
Assemblers	80	-	14	6	19	5	-	-	10	-	6	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	5	11	-	13	-	-	-	-	10
Filers, polishers, sanders, and buffers	-	-	-	-	5	-	-	-	-	-	-	-	-
Painters, manufactured articles	5	-	-	-	-	-	-	-	-	-	-	-	-
Precision machine operatives	-	-	5	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	64	-	30	-	5	5	-	-	-	-	-	-	-
Other specified operatives	29	-	10	-	150	346	8	148	31	11	8	20	46
Machine operatives, miscellaneous specified	-	-	22	-	9	90	-	-	111	39	5	19	10
Machine operatives, not specified	-	-	15	-	-	5	-	6	16	10	-	-	-
Miscellaneous operatives	6	-	-	-	17	43	-	5	-	-	-	10	10
Not specified operatives	8	-	13	-	24	10	-	-	6	-	-	-	6

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
SPOKANE SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	12	-	5	-	48	197	-	-	-	36	8	-	19
Deliverymen and routemen	-	-	-	-	-	121	-	-	-	20	-	-	-
Truck drivers	-	-	-	-	5	44	-	-	-	13	8	-	16
Other transport equipment operatives	12	-	5	-	43	32	-	-	-	3	-	-	3
Laborers, except farm	-	-	23	-	44	96	-	5	32	10	17	-	5
Freight, stock, and material handlers	-	-	5	-	-	53	-	5	10	5	12	-	-
Other specified laborers	-	-	-	-	30	20	-	-	-	5	-	-	-
Miscellaneous laborers	-	-	-	-	8	4	-	-	-	-	-	-	-
Not specified laborers	-	-	18	-	6	19	-	-	22	-	5	-	5
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	5	-	7	-	24	46	5	5	4	28	-	-	4
Cleaning service workers	5	-	-	-	15	23	5	5	4	19	-	-	4
Personal service workers	-	-	-	-	-	5	-	-	-	5	-	-	-
Guards and watchmen	-	-	7	-	-	-	-	-	-	-	-	-	-
Other service workers, including private household	-	-	-	-	9	18	-	-	-	4	-	-	-
Female employed	-	-	32	-	137	266	10	194	24	450	78	34	61
Professional, technical, and kindred workers	-	-	6	-	11	9	-	5	-	16	21	-	-
Accountants	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-	-	-	10	-	-
Registered nurses, dietitians, and therapists	-	-	-	-	-	-	-	-	-	-	-	-	-
Social scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	-	-	-	-	-	-	-	-	-	16	-	-	-
Other professional, technical, and kindred workers	-	-	6	-	11	9	-	5	-	-	11	-	-
Managers and administrators, except farm	-	-	6	-	4	-	-	-	-	11	5	-	-
Salaried	-	-	6	-	4	-	-	-	-	11	5	-	-
Self-employed	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales workers	-	-	-	-	4	6	-	-	-	57	-	-	4
Clerical and kindred workers	-	-	5	-	52	105	6	5	5	283	18	-	25
Bookkeepers	-	-	5	-	5	22	-	-	-	50	5	-	5
Cashiers	-	-	-	-	-	5	-	-	-	-	-	-	-
Counter clerks, except food	-	-	-	-	4	-	-	-	-	6	-	-	-
File clerks	-	-	-	-	-	-	-	-	-	5	-	-	-
Office machine operators	-	-	-	-	-	26	-	-	-	24	-	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-	-	-	-	-	-
Receptionists	-	-	-	-	5	-	-	-	-	8	-	-	-
Secretaries	-	-	-	-	19	33	-	5	-	72	9	-	4
Stenographers	-	-	-	-	-	5	-	-	-	-	-	-	-
Typists	-	-	-	-	5	-	-	-	5	53	-	-	-
Other clerical and kindred workers	-	-	-	-	14	14	6	-	-	65	4	-	16
Craftsmen and kindred workers	-	-	4	-	9	4	-	16	-	49	10	-	-
Foremen, n.e.c	-	-	-	-	-	4	-	11	-	-	10	-	-
Operatives, except transport	-	-	6	-	51	119	4	163	14	21	11	34	32
Assemblers	-	-	-	-	16	5	-	-	5	-	6	-	-
Checkers, examiners, and inspectors, manufacturing	-	-	-	-	-	-	-	13	-	-	-	-	10
Packers and wrappers, except meat and produce	-	-	-	-	-	39	-	4	5	-	-	15	-
Other operatives, except transport	-	-	6	-	35	75	4	146	4	21	5	19	22
Transport equipment operatives	-	-	-	-	-	14	-	-	-	8	-	-	-
Laborers, except farm	-	-	5	-	6	5	-	5	5	-	13	-	-
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	-	-	-	-	-	4	-	-	-	5	-	-	-
Cleaning service workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Personal service workers	-	-	-	-	-	-	-	-	-	5	-	-	-
Other service workers, including private household	-	-	-	-	-	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
SPOKANE SMSA													
Total employed	**2 715**	**1 553**	**948**	**1 427**	**1 548**	**6 556**	**3 436**	**2 549**	**2 766**	**3 740**	**6 368**	**1 888**	**4 577**
Professional, technical, and kindred workers	**57**	**22**	**66**	**216**	**180**	**248**	**70**	**29**	**24**	**57**	**366**	**64**	**244**
Accountants	5	-	-	-	35	76	24	5	15	-	41	16	123
Architects	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	5	20	-	-	-	-	-	-	32
Engineers	5	-	12	75	52	47	6	11	-	-	8	10	10
Chemical	-	-	-	-	-	-	-	-	-	-	-	-	-
Civil	5	-	4	-	8	5	-	-	-	-	3	5	5
Electrical and electronic	-	-	-	75	33	-	6	-	-	-	-	-	-
Industrial	-	-	-	-	-	-	-	-	-	-	5	5	-
Mechanical	-	-	8	-	6	6	-	11	-	-	-	-	5
Other engineers	-	-	-	-	5	36	-	-	-	-	-	-	-
Mathematical specialists	-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	5	-	-	-	4	6	-	-	-	-	-	-	5
Chemists	-	-	-	-	4	6	-	-	-	-	-	-	5
Personnel and labor relations workers	5	16	4	13	5	20	16	13	-	12	8	24	22
Social scientists	-	-	-	-	-	5	-	-	4	-	-	-	5
Engineering and science technicians	26	6	-	24	41	21	-	-	-	-	-	5	12
Draftsmen	-	6	-	-	34	15	-	-	-	-	-	5	5
Electrical and electronic engineering technicians	17	-	-	24	7	-	-	-	-	-	-	-	-
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	43	9	5	-	5	-	-	-	-	-	-
Writers, artists, and entertainers	-	-	7	91	17	23	9	-	-	45	54	-	5
Other professional, technical, and kindred workers	11	-	-	4	16	30	10	-	5	-	255	9	30
Managers and administrators, except farm	**251**	**107**	**72**	**86**	**94**	**1 119**	**523**	**413**	**553**	**401**	**1 057**	**213**	**996**
Buyers, purchasing agents, and sales managers	-	5	11	-	10	307	234	85	67	12	211	29	26
Other managers and administrators	251	102	61	86	84	812	289	328	486	389	846	184	970
Salaried	251	87	61	81	84	697	265	213	306	207	585	179	875
Self-employed	-	15	-	5	-	115	24	115	180	182	261	5	95
Sales workers	**10**	**16**	**16**	**46**	**38**	**1 626**	**1 637**	**313**	**417**	**40**	**2 026**	**728**	**935**
Clerical and kindred workers	**482**	**161**	**176**	**577**	**331**	**1 297**	**656**	**616**	**298**	**138**	**1 071**	**861**	**1 967**
Bookkeepers	11	29	21	15	21	255	74	81	115	31	254	62	278
Cashiers	22	4	24	5	19	22	187	459	14	81	206	10	34
Estimators and investigators, n.e.c	11	6	6	12	8	21	10	-	15	5	5	9	47
Office machine operators	34	-	-	-	8	46	24	8	-	-	-	25	164
Shipping and receiving clerks	16	-	-	-	-	148	28	6	14	-	28	5	-
Stock clerks and storekeepers	9	5	-	6	-	80	67	13	12	-	19	-	6
Other clerical and kindred workers	379	117	125	539	275	725	266	49	128	21	559	750	1 438
Craftsmen and kindred workers	**1 042**	**158**	**90**	**467**	**426**	**729**	**164**	**165**	**655**	**17**	**732**	**10**	**63**
Blacksmiths, forgemen, hammermen, and boilermakers	5	-	-	-	-	-	-	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	-	-	-	-	-	-	-	-	-	-	-
Carpenters	26	-	5	-	-	11	-	-	-	-	32	-	12
Cranemen, derrickmen, and hoistmen	5	7	-	-	5	22	-	-	-	-	4	-	-
Electricians	34	-	11	10	18	4	-	-	-	-	14	-	-
Excavating, grading, and road machine operators	5	-	-	-	20	5	-	-	-	-	-	-	4
Foremen, n.e.c	96	66	9	20	49	139	52	41	26	-	34	-	10
Mechanics and repairmen	239	69	48	21	106	361	75	11	589	-	191	5	5
Automobile, including body	6	61	15	5	7	76	29	5	551	-	-	-	-
Machinists, jab setters, and toolmakers	39	-	6	-	8	28	-	-	15	-	-	-	-
Metal craftsmen, except mechanics and machinists	17	-	-	-	4	11	-	-	-	-	22	-	-
Painters, construction and maintenance, and plasterers and paperhangers	31	-	-	-	4	15	-	4	4	-	11	-	4
Plumbers and pipe fitters	9	-	-	7	25	11	-	-	-	-	18	-	-
Printing craftsmen	-	-	-	-	4	16	-	-	-	-	-	-	-
Stationary engineers and power station operators	5	5	-	-	42	27	-	5	-	-	4	-	6
Other craftsmen and kindred workers	531	11	11	409	141	79	37	104	21	17	402	5	22
Operatives, except transport	**137**	**39**	**38**	-	**91**	**468**	**81**	**310**	**714**	**26**	**266**	**4**	**10**
Assemblers	-	-	-	-	-	4	-	-	-	-	10	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	-	-	-	-	-	-	-	7	-	-	-	-
Painters, manufactured articles	4	-	-	-	-	5	-	-	17	-	6	-	-
Precision machine operatives	9	-	-	-	-	21	-	-	5	-	-	-	-
Welders and flamecutters	28	-	5	-	13	57	-	-	10	-	6	-	-
Other specified operatives	27	33	9	-	32	256	76	301	647	16	180	4	10
Machine operatives, miscellaneous specified	-	6	-	-	5	38	-	3	18	10	35	-	-
Machine operatives, not specified	25	-	-	-	11	17	-	-	-	-	-	-	-
Miscellaneous operatives	21	-	24	-	16	41	5	6	4	-	16	-	-
Not specified operatives	23	-	-	-	14	29	-	-	6	-	13	-	-

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
SPOKANE SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	436	882	372	–	127	559	23	74	49	25	272	–	20
Deliverymen and routemen	–	78	–	–	11	218	8	33	11	21	140	–	–
Truck drivers	61	790	15	–	41	267	9	19	38	4	107	–	4
Other transport equipment operatives	375	14	357	–	75	74	6	22	–	–	25	–	16
Laborers, except farm	269	141	35	9	199	403	39	532	23	–	216	–	30
Freight, stock, and material handlers	96	134	20	–	103	287	34	508	11	–	125	–	–
Other specified laborers	29	7	15	9	59	25	5	13	6	–	60	–	25
Miscellaneous laborers	100	–	–	–	27	24	–	–	6	–	7	–	–
Not specified laborers	44	–	–	–	10	67	–	11	–	–	24	–	5
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	31	27	83	26	62	107	243	97	33	3 036	362	8	312
Cleaning service workers	11	23	28	10	15	78	87	55	33	110	124	3	208
Personal service workers	3	4	6	4	–	–	7	5	–	5	19	–	41
Guards and watchmen	–	–	5	–	–	6	10	–	–	–	9	–	7
Other service workers, including private household	17	–	44	12	47	23	139	37	–	2 921	210	5	56
Female employed	157	114	136	597	306	1 235	2 449	883	308	2 345	2 653	868	2 280
Professional, technical, and kindred workers	5	–	9	26	22	33	40	–	5	6	129	15	55
Accountants	–	–	–	–	15	25	15	–	5	–	26	10	29
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	16
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	–	–	–	–	–	–	–	–	–	5
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	–	–	–	13	–	–	5	–	–	–	28	–	–
Other professional, technical, and kindred workers	5	–	9	13	7	8	20	–	–	6	75	5	5
Managers and administrators, except farm	–	–	15	19	11	100	215	55	13	105	182	38	238
Salaried	–	–	15	19	11	100	210	17	10	51	133	38	217
Self-employed	–	–	–	–	–	–	5	38	3	54	49	–	21
Sales workers	–	–	–	–	–	76	1 330	204	14	6	953	78	112
Clerical and kindred workers	117	88	60	529	224	845	581	438	245	119	903	730	1 722
Bookkeepers	5	29	21	15	21	227	74	81	115	21	245	58	240
Cashiers	6	–	6	5	14	22	170	318	10	72	168	10	34
Counter clerks, except food	–	–	–	5	–	25	29	–	–	–	4	–	5
File clerks	4	6	–	3	4	37	10	–	10	–	4	39	61
Office machine operators	–	–	–	–	4	42	24	4	–	–	–	25	147
Bookkeeping and billing machine operators	–	–	–	–	–	5	3	–	–	–	–	6	54
Receptionists	–	–	5	5	–	24	–	–	–	–	43	18	10
Secretaries	30	11	12	46	40	261	21	4	39	10	97	258	398
Stenographers	22	–	–	19	31	19	–	–	5	–	6	13	13
Typists	7	13	–	10	11	23	8	–	9	5	29	81	50
Other clerical and kindred workers	43	29	16	421	99	165	245	31	57	11	307	228	764
Craftsmen and kindred workers	15	–	–	9	5	21	50	7	–	12	119	–	4
Foremen, n.e.c	–	–	–	–	–	9	32	–	–	–	–	–	–
Operatives, except transport	4	6	8	–	5	125	76	105	31	–	149	4	–
Assemblers	–	–	–	–	–	4	–	–	–	–	10	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	–	5	–	–	33	36	13	–	–	17	4	–
Other operatives, except transport	4	6	3	–	5	88	40	92	31	–	122	–	–
Transport equipment operatives	12	11	24	–	5	4	–	–	–	–	15	–	4
Laborers, except farm	–	9	–	4	–	24	16	36	–	–	33	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	4	–	20	10	34	7	141	38	–	2 097	170	3	145
Cleaning service workers	–	–	–	–	–	–	19	–	–	19	5	3	61
Personal service workers	–	–	–	4	–	–	7	5	–	–	19	–	41
Other service workers, including private household	4	–	20	6	34	7	115	33	–	2 078	146	–	43

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
SPOKANE SMSA												
Total employed	**1 846**	**1 897**	**1 411**	**4 282**	**923**	**4 903**	**3 817**	**6 434**	**3 102**	**2 373**	**2 591**	**5 295**
Professional, technical, and kindred workers	**328**	**31**	**16**	**111**	**239**	**1 895**	**1 252**	**3 758**	**1 604**	**863**	**1 352**	**946**
Accountants	76	-	6	-	-	22	10	27	12	38	213	90
Architects	-	-	-	-	-	-	-	-	-	-	51	5
Computer specialists	26	-	-	-	-	9	-	14	6	-	9	5
Engineers	15	-	-	-	-	19	15	-	-	10	100	176
Chemical	-	-	-	-	-	-	-	-	-	-	-	5
Civil	-	-	-	-	-	-	7	-	-	5	32	54
Electrical and electronic	4	-	-	-	-	-	-	-	-	-	37	16
Industrial	6	-	-	-	-	12	-	-	-	-	-	5
Mechanical	-	-	-	-	-	7	8	-	-	-	-	5
Other engineers	5	-	-	-	-	-	-	-	-	5	31	91
Mathematical specialists	-	-	-	-	-	-	-	-	-	-	-	4
Life and physical scientists	5	-	-	-	-	24	-	-	10	-	6	44
Chemists	-	-	-	-	-	-	-	-	-	-	6	5
Personnel and labor relations workers	79	-	-	6	-	16	3	-	11	-	-	141
Social scientists	-	-	-	-	-	5	22	14	-	13	-	10
Engineering and science technicians	45	5	-	-	5	-	6	9	19	5	143	81
Draftsmen	16	-	-	-	-	-	-	-	-	-	113	24
Electrical and electronic engineering technicians	14	-	-	-	5	-	-	4	4	-	-	28
Industrial and mechanical engineering technicians	5	-	-	-	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	6	-	16	-	-	-	-	-	-	5	147
Writers, artists, and entertainers	74	6	-	34	149	5	5	36	31	73	62	25
Other professional, technical, and kindred workers	8	14	10	55	85	1 795	1 191	3 658	1 515	724	763	218
Managers and administrators, except farm	**172**	**232**	**213**	**170**	**121**	**126**	**104**	**285**	**146**	**203**	**90**	**567**
Buyers, purchasing agents, and sales managers	16	4	5	3	4	16	-	10	13	9	-	32
Other managers and administrators	156	228	208	167	117	110	104	275	133	194	90	535
Salaried	126	139	119	106	98	110	82	275	124	194	84	535
Self-employed	30	89	89	61	19	-	22	-	9	-	6	-
Sales workers	**149**	**56**	**14**	**70**	**46**	**6**	**13**	**-**	**31**	**25**	**20**	**31**
Clerical and kindred workers	**406**	**200**	**210**	**314**	**133**	**672**	**653**	**1 027**	**599**	**533**	**616**	**2 002**
Bookkeepers	45	45	21	70	9	43	91	49	14	71	121	34
Cashiers	-	19	52	12	30	29	4	38	9	30	-	10
Estimators and investigators, n.e.c	38	5	-	-	-	-	10	-	-	12	5	47
Office machine operators	20	6	-	-	-	19	5	25	15	5	25	37
Shipping and receiving clerks	-	19	-	4	-	-	-	10	-	-	-	-
Stock clerks and storekeepers	17	4	4	4	-	22	5	5	22	5	-	30
Other clerical and kindred workers	286	102	133	224	94	559	538	900	539	410	465	1 844
Craftsmen and kindred workers	**211**	**867**	**11**	**98**	**30**	**120**	**73**	**144**	**34**	**60**	**79**	**519**
Blacksmiths, forgemen, hammermen, and boilermakers	-	15	-	-	-	-	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	-	-	7	-	-	-	-	-	-	-
Carpenters	-	-	5	-	-	-	-	26	5	11	-	40
Cranemen, derrickmen, and hoistmen	-	4	-	-	-	-	-	-	-	-	-	12
Electricians	15	5	-	-	-	9	-	-	-	-	-	63
Excavating, grading, and road machine operators	9	-	-	-	-	6	-	-	-	-	4	10
Foremen, n.e.c	7	16	-	21	5	28	5	8	6	20	-	46
Mechanics and repairmen	65	614	-	-	6	5	-	18	-	9	19	268
Automobile, including body	6	365	-	-	-	-	-	5	-	-	5	48
Machinists, job setters, and toolmakers	-	16	-	-	-	-	-	-	-	-	-	9
Metal craftsmen, except mechanics and machinists	11	-	-	-	-	-	-	-	-	-	-	6
Painters, construction and maintenance, and plasterers and paperhangers	11	5	6	-	-	9	-	9	7	6	10	8
Plumbers and pipe fitters	21	-	-	-	-	8	-	24	-	-	-	21
Printing craftsmen	-	-	-	-	-	11	-	10	-	-	-	-
Stationary engineers and power station operators	-	-	-	-	5	33	4	5	-	9	-	9
Other craftsmen and kindred workers	72	192	-	77	7	11	64	44	16	5	46	27
Operatives, except transport	**93**	**215**	**29**	**490**	**11**	**122**	**59**	**50**	**24**	**71**	**17**	**57**
Assemblers	4	-	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	4	9	-	-	-	-	-	-	-	-	-	-
Painters, manufactured articles	-	36	-	6	-	-	-	-	-	-	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	-	65	-	-	-	-	-	5	-	5	-	21
Other specified operatives	51	45	29	469	11	111	54	24	5	24	17	16
Machine operatives, miscellaneous specified	8	37	-	9	-	-	-	-	-	5	-	3
Machine operatives, not specified	-	-	-	-	-	6	-	5	-	-	-	-
Miscellaneous operatives	23	19	-	6	-	5	5	16	14	27	-	13
Not specified operatives	3	4	-	-	-	-	-	-	5	10	-	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	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
SPOKANE SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	**47**	**147**	**8**	**87**	**11**	**11**	**10**	**30**	**6**	**34**	**16**	**24**
Deliverymen and routemen	19	42	–	72	–	11	5	–	6	–	–	–
Truck drivers	28	38	–	10	11	–	5	20	–	34	11	14
Other transport equipment operatives	–	67	8	5	–	–	–	10	–	–	5	10
Laborers, except farm	**52**	**74**	**19**	**155**	**41**	**30**	**–**	**55**	**29**	**14**	**20**	**136**
Freight, stock, and material handlers	17	5	–	14	12	9	–	5	–	4	–	82
Other specified laborers	5	54	13	103	19	5	–	50	24	10	6	44
Miscellaneous laborers	–	10	–	–	–	–	–	–	–	–	–	10
Not specified laborers	30	5	6	38	10	16	–	–	5	–	14	–
Farm workers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Service workers, including private household	**388**	**75**	**891**	**2 787**	**291**	**1 921**	**1 653**	**1 085**	**629**	**570**	**381**	**1 013**
Cleaning service workers	296	19	323	15	39	243	204	495	263	137	10	110
Personal service workers	21	10	144	916	120	57	41	158	109	112	–	34
Guards and watchmen	68	–	–	–	9	16	–	5	10	–	–	42
Other service workers, including private household	3	46	424	1 856	123	1 605	1 408	427	247	321	371	827
Female employed	**627**	**285**	**782**	**3 329**	**441**	**3 800**	**2 816**	**3 836**	**1 887**	**1 242**	**1 238**	**1 166**
Professional, technical, and kindred workers	**122**	**9**	**16**	**75**	**104**	**1 509**	**541**	**2 186**	**937**	**283**	**322**	**125**
Accountants	49	–	6	–	–	22	5	22	6	38	44	5
Computer specialists	–	–	–	–	–	–	–	5	–	–	–	–
Life and physical scientists	–	–	–	–	–	15	–	–	10	–	–	–
Registered nurses, dietitians, and therapists	–	–	5	30	–	1 175	357	25	10	29	–	20
Social scientists	–	–	–	–	–	–	11	9	–	–	–	–
Writers, artists, and entertainers	22	–	–	27	55	–	5	14	–	34	25	–
Other professional, technical, and kindred workers	51	9	5	18	49	297	163	2 111	911	182	253	100
Managers and administrators, except farm	**10**	**15**	**104**	**35**	**48**	**46**	**64**	**70**	**36**	**57**	**30**	**76**
Salaried	5	15	44	35	39	46	59	70	31	57	30	76
Self-employed	5	–	60	–	9	–	5	–	5	–	–	–
Sales workers	**32**	**22**	**5**	**43**	**31**	**–**	**4**	**–**	**6**	**14**	**10**	**4**
Clerical and kindred workers	**296**	**149**	**107**	**291**	**101**	**635**	**648**	**941**	**513**	**470**	**564**	**881**
Bookkeepers	45	35	14	60	–	43	91	49	8	71	95	27
Cashiers	–	15	36	12	20	29	4	38	–	30	–	5
Counter clerks, except food	–	–	28	73	–	14	–	5	5	–	–	–
File clerks	5	–	–	–	–	–	–	12	18	–	–	33
Office machine operators	20	6	–	–	–	13	5	25	10	5	25	23
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	12	6	4	41	6	79	210	13	18	26	5	5
Secretaries	70	27	15	20	45	182	227	424	223	224	228	226
Stenographers	9	–	–	–	–	10	5	4	6	–	19	37
Typists	31	4	–	15	–	41	24	74	55	54	29	120
Other clerical and kindred workers	104	56	10	70	30	224	82	297	170	60	163	405
Craftsmen and kindred workers	**8**	**27**	**–**	**20**	**–**	**5**	**18**	**22**	**17**	**13**	**7**	**10**
Foremen, n.e.c.	3	–	–	–	–	5	–	–	6	13	–	10
Operatives, except transport	**32**	**30**	**20**	**375**	**–**	**79**	**48**	**15**	**10**	**56**	**17**	**–**
Assemblers	4	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	–	–	19	–	–	–	–	–	–	–	–
Other operatives, except transport	28	30	20	356	–	79	48	15	10	56	17	–
Transport equipment operatives	**5**	**–**	**–**	**–**	**–**	**6**	**5**	**–**	**–**	**–**	**–**	**–**
Laborers, except farm	**–**	**5**	**–**	**23**	**7**	**14**	**–**	**5**	**5**	**–**	**5**	**4**
Farm workers	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Service workers, including private household	**122**	**28**	**530**	**2 467**	**150**	**1 506**	**1 488**	**597**	**363**	**349**	**283**	**66**
Cleaning service workers	101	–	234	15	–	146	111	75	97	35	10	15
Personal service workers	21	10	82	639	73	35	30	139	89	95	–	9
Other service workers, including private household	–	18	214	1 813	77	1 325	1 347	383	177	219	273	42

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
TACOMA SMSA												
Total employed	**124 525**	**2 976**	**159**	**8 180**	**24 032**	**4 862**	**569**	**552**	**1 215**	**571**	**804**	**286**
Professional, technical, and kindred workers	**18 419**	**139**	**9**	**320**	**2 072**	**386**	**44**	**64**	**63**	**21**	**78**	**67**
Accountants	1 268	14	–	30	275	126	6	–	24	5	5	–
Architects	108	6	–	–	6	–	–	–	–	–	–	–
Computer specialists	329	–	–	11	141	56	–	–	–	–	10	5
Engineers	1 286	9	9	130	513	28	4	15	23	5	35	27
Chemical	27	–	–	–	21	–	–	–	–	–	–	–
Civil	300	5	–	101	10	–	–	–	–	–	–	–
Electrical and electronic	207	–	–	5	68	–	–	10	5	–	6	22
Industrial	218	–	4	5	144	5	–	–	6	–	6	–
Mechanical	233	4	5	4	101	5	–	5	–	5	11	–
Other engineers	301	–	–	15	169	18	4	–	12	–	12	5
Mathematical specialists	43	–	–	–	31	11	–	–	–	–	–	–
Life and physical scientists	194	–	–	–	59	6	–	19	–	–	–	–
Chemists	90	–	–	–	53	–	–	19	–	–	–	–
Personnel and labor relations workers	526	9	–	–	66	20	–	–	10	6	–	–
Social scientists	183	–	–	–	45	29	–	–	–	–	–	–
Engineering and science technicians	988	–	–	112	463	36	18	30	–	5	23	29
Draftsmen	386	–	–	60	167	27	12	21	–	–	13	–
Electrical and electronic engineering technicians	175	–	–	–	88	–	–	–	–	–	5	29
Industrial and mechanical engineering technicians	36	–	–	–	36	5	–	–	–	–	–	–
Technicians, except health, and engineering and science	363	11	–	–	39	10	–	–	–	–	–	–
Writers, artists, and entertainers	903	26	–	15	163	17	10	–	–	–	5	6
Other professional, technical, and kindred workers	12 228	64	–	22	271	47	6	–	6	–	–	–
Managers and administrators, except farm	**11 152**	**75**	**11**	**944**	**1 466**	**450**	**53**	**25**	**37**	**24**	**76**	**51**
Buyers, purchasing agents, and sales managers	1 477	–	–	38	247	51	–	10	9	5	24	18
Other managers and administrators	9 675	75	11	906	1 219	399	53	15	28	19	52	33
Salaried	7 770	40	6	580	1 107	365	53	15	28	19	42	27
Self-employed	1 905	35	5	326	112	34	–	–	–	–	10	6
Sales workers	**9 533**	**19**	**–**	**80**	**665**	**42**	**17**	**4**	**6**	**39**	**20**	**3**
Clerical and kindred workers	**21 932**	**122**	**10**	**497**	**2 867**	**668**	**35**	**16**	**66**	**23**	**100**	**19**
Bookkeepers	2 509	31	–	153	347	128	5	–	11	–	16	–
Cashiers	1 451	–	–	10	14	–	5	–	–	–	–	–
Estimators and investigators, n.e.c	511	–	6	66	76	14	5	–	–	–	10	–
Office machine operators	819	–	–	10	180	58	–	–	–	6	–	–
Shipping and receiving clerks	440	–	–	5	140	29	–	–	–	6	12	–
Stock clerks and storekeepers	940	6	–	18	285	6	–	–	–	–	5	–
Other clerical and kindred workers	15 262	85	4	235	1 825	433	20	16	55	11	57	19
Craftsmen and kindred workers	**19 555**	**128**	**48**	**4 493**	**6 503**	**837**	**119**	**181**	**350**	**251**	**308**	**101**
Blacksmiths, forgemen, hammermen, and boilermakers	93	–	–	14	37	–	–	4	–	–	–	–
Brickmasons and stonemasons	129	–	–	88	33	–	–	7	26	–	–	–
Carpenters	2 005	26	–	1 336	315	74	–	–	6	–	–	6
Cranemen, derrickmen, and hoistmen	295	–	6	44	165	44	–	41	45	5	–	–
Electricians	940	–	–	410	285	39	–	–	18	–	11	–
Excavating, grading, and road machine operators	642	33	12	440	58	33	6	–	5	–	–	–
Foremen, n.e.c	1 916	6	4	310	902	146	23	24	49	40	28	5
Mechanics and repairmen	4 860	20	21	202	1 184	70	51	5	90	11	41	17
Automobile, including body	1 945	4	9	43	105	12	32	–	–	–	5	5
Machinists, job setters, and toolmakers	1 001	–	–	–	874	4	16	16	29	47	224	5
Metal craftsmen, except mechanics and machinists	908	–	–	115	736	65	–	69	30	81	–	10
Painters, construction and maintenance, and plasterers and paperhangers	665	–	–	339	106	14	–	–	–	5	–	–
Plumbers and pipe fitters	654	–	–	275	232	–	–	–	13	7	–	5
Printing craftsmen	480	–	–	4	420	11	–	4	–	–	–	–
Stationary engineers and power station operators	310	–	–	–	108	23	–	–	20	–	–	–
Other craftsmen and kindred workers	4 657	43	5	916	1 048	314	23	11	19	55	4	53
Operatives, except transport	**11 910**	**73**	**48**	**461**	**7 284**	**1 547**	**141**	**179**	**408**	**168**	**190**	**38**
Assemblers	440	–	–	–	426	199	–	–	–	20	10	11
Checkers, examiners, and inspectors; manufacturing	344	–	–	–	344	11	4	5	5	–	19	–
Filers, polishers, sanders, and buffers	116	–	–	–	107	65	5	5	–	5	–	–
Painters, manufactured articles	161	–	–	–	118	18	–	–	–	9	–	–
Precision machine operatives	226	–	–	–	189	28	–	15	5	10	40	–
Welders and flamecutters	781	–	5	73	518	–	26	21	21	60	28	9
Other specified operatives	6 369	36	43	336	2 792	483	55	31	165	24	43	10
Machine operatives, miscellaneous specified	1 553	10	–	31	1 303	292	16	64	89	15	4	–
Machine operatives, not specified	458	–	–	13	417	109	–	19	12	–	18	–
Miscellaneous operatives	1 072	22	–	8	745	256	22	3	75	25	28	8
Not specified operatives	390	5	–	–	325	86	13	16	36	–	–	–

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: 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
TACOMA SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	5 121	62	11	355	1 038	208	81	35	48	9	-	7
Deliverymen and routemen	1 035	10	-	11	205	-	-	-	-	9	-	-
Truck drivers	2 203	36	11	299	433	130	81	-	6	-	-	-
Other transport equipment operatives	1 883	16	-	45	400	78	-	35	42	-	-	7
Laborers, except farm	7 263	579	13	946	1 585	654	69	48	184	27	11	-
Freight, stock, and material handlers	3 104	12	7	36	528	215	36	7	37	9	5	-
Other specified laborers	3 044	488	-	910	584	338	19	-	39	6	-	-
Miscellaneous laborers	451	73	6	-	137	33	-	28	23	5	6	-
Not specified laborers	664	6	-	-	336	68	14	13	85	7	-	-
Farm workers	1 760	1 760	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	17 880	19	9	84	552	70	10	-	53	9	21	-
Cleaning service workers	3 029	14	4	54	307	40	10	-	25	5	21	-
Personal service workers	2 334	-	-	-	5	5	-	-	-	-	-	-
Guards and watchmen	502	-	5	6	126	14	-	-	28	4	-	-
Other service workers, including private household	12 015	5	-	24	114	11	-	-	-	-	-	-
Female employed	46 654	869	4	412	4 429	915	72	15	32	33	102	37
Professional, technical, and kindred workers	8 082	4	-	22	253	55	16	5	11	-	11	-
Accountants	508	-	-	11	71	25	-	-	5	-	5	-
Computer specialists	47	-	-	6	11	-	-	-	-	-	6	-
Life and physical scientists	30	-	-	-	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	1 538	4	-	-	6	-	-	-	6	-	-	-
Social scientists	64	-	-	-	11	5	-	-	-	-	-	-
Writers, artists, and entertainers	328	-	-	-	27	4	10	-	-	-	-	-
Other professional, technical, and kindred workers	5 567	-	-	5	127	21	6	5	-	-	-	-
Managers and administrators, except farm	1 897	6	-	20	83	26	6	-	-	-	-	-
Salaried	1 523	-	-	15	72	26	6	-	-	-	-	-
Self-employed	374	6	-	5	11	-	-	-	-	-	-	-
Sales workers	3 882	14	-	6	71	8	-	-	-	6	-	-
Clerical and kindred workers	16 478	108	-	309	1 776	494	25	10	17	17	69	19
Bookkeepers	2 282	23	-	129	331	122	5	-	7	-	16	-
Cashiers	1 205	-	-	5	14	-	5	-	-	-	-	-
Counter clerks, except food	203	-	-	-	19	10	4	-	-	-	-	-
File clerks	437	-	-	-	110	23	-	-	-	-	9	-
Office machine operators	599	-	-	4	111	22	-	-	-	6	-	-
Bookkeeping and billing machine operators	88	-	-	4	6	-	-	-	-	6	-	-
Receptionists	714	12	-	19	28	5	-	5	-	-	-	-
Secretaries	3 650	31	-	102	463	191	-	5	5	5	25	8
Stenographers	290	4	-	-	10	-	-	-	-	-	-	-
Typists	1 223	14	-	7	140	41	-	-	-	-	4	6
Other clerical and kindred workers	5 875	24	-	43	550	80	11	-	5	6	15	5
Craftsmen and kindred workers	769	-	-	28	344	60	-	-	-	-	13	-
Foremen, n.e.c.	149	-	-	-	88	4	-	-	-	-	-	-
Operatives, except transport	3 156	50	-	5	1 691	209	19	-	-	10	9	18
Assemblers	123	-	-	-	123	30	-	-	-	10	-	6
Checkers, examiners, and inspectors; manufacturing	62	-	-	-	62	5	-	-	-	-	-	-
Packers and wrappers, except meat and produce	317	14	-	-	228	6	11	-	-	-	-	-
Other operatives, except transport	2 654	36	-	5	1 278	168	8	-	-	-	9	12
Transport equipment operatives	169	7	-	-	14	5	-	-	-	-	-	-
Laborers, except farm	595	140	-	6	101	43	6	-	4	-	-	-
Farm workers	535	535	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	11 091	5	4	16	96	15	-	-	-	-	-	-
Cleaning service workers	864	-	4	11	32	9	-	-	-	-	-	-
Personal service workers	1 669	-	-	-	-	-	-	-	-	-	-	-
Other service workers, including private household	8 558	5	-	5	64	6	-	-	-	-	-	-

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
TACOMA SMSA													
Total employed	**173**	**3 514**	**2 239**	**200**	**1 279**	**2 167**	**54**	**722**	**1 557**	**1 242**	**1 057**	**227**	**742**
Professional, technical, and kindred workers	**5**	**511**	**140**	**61**	**51**	**60**	**–**	**17**	**150**	**130**	**133**	**5**	**86**
Accountants	5	24	7	–	–	35	–	13	5	9	11	–	–
Architects	–	–	6	–	–	–	–	–	–	–	–	–	–
Computer specialists	–	20	6	–	–	4	–	–	18	10	12	–	–
Engineers	–	200	67	33	–	5	–	–	27	7	27	–	10
Chemical	–	–	5	–	–	–	–	–	–	–	16	–	–
Civil	–	–	5	–	–	–	–	–	–	–	–	–	5
Electrical and electronic	–	17	4	4	–	–	–	–	–	–	–	–	–
Industrial	–	90	10	11	–	5	–	–	5	–	6	–	–
Mechanical	–	9	37	4	–	–	–	–	13	7	5	–	–
Other engineers	–	84	6	14	–	–	–	–	9	–	–	–	5
Mathematical specialists	–	6	–	5	–	5	–	–	4	–	–	–	–
Life and physical scientists	–	9	–	–	–	5	–	–	6	–	5	–	9
Chemists	–	9	–	–	–	5	–	–	6	–	5	–	9
Personnel and labor relations workers	–	10	–	4	–	–	–	–	6	5	5	–	–
Social scientists	–	5	–	–	–	–	–	–	11	–	–	–	–
Engineering and science technicians	–	115	49	14	8	6	–	–	44	6	52	–	28
Draftsmen	–	31	41	–	8	–	–	–	–	–	9	–	5
Electrical and electronic engineering technicians	–	46	8	–	–	–	–	–	–	–	–	–	–
Industrial and mechanical engineering technicians	–	12	–	6	–	–	–	–	7	6	–	–	–
Technicians, except health, and engineering and science	–	29	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	–	18	–	–	4	–	–	4	7	87	–	5	–
Other professional, technical, and kindred workers	–	75	5	5	39	–	–	–	22	6	21	–	39
Managers and administrators, except farm	**5**	**77**	**70**	**20**	**52**	**176**	**14**	**33**	**56**	**104**	**74**	**11**	**58**
Buyers, purchasing agents, and sales managers	–	19	6	–	5	20	5	5	15	28	16	–	11
Other managers and administrators	5	58	64	20	47	156	9	28	41	76	58	11	47
Salaried	5	58	58	20	37	129	5	28	41	61	58	11	47
Self-employed	–	–	6	–	10	27	4	–	–	15	–	–	–
Sales workers	**6**	**–**	**12**	**–**	**30**	**74**	**5**	**5**	**23**	**240**	**90**	**15**	**34**
Clerical and kindred workers	**26**	**718**	**114**	**47**	**145**	**184**	**11**	**61**	**169**	**207**	**108**	**50**	**100**
Bookkeepers	–	14	28	6	15	47	–	–	10	41	11	10	5
Cashiers	–	–	–	–	6	3	–	–	–	–	–	–	–
Estimators and investigators, n.e.c	–	15	16	–	–	–	–	–	6	5	–	5	–
Office machine operators	–	66	5	–	–	10	–	7	20	8	–	–	–
Shipping and receiving clerks	10	12	–	–	–	21	6	6	–	6	15	17	–
Stock clerks and storekeepers	6	213	20	6	–	–	–	3	16	–	10	–	–
Other clerical and kindred workers	10	398	45	35	124	103	5	45	117	147	72	18	95
Craftsmen and kindred workers	**56**	**1 242**	**1 244**	**27**	**331**	**271**	**7**	**85**	**345**	**394**	**204**	**22**	**128**
Blacksmiths, forgemen, hammermen, and boilermakers	–	–	27	–	–	–	–	–	6	–	–	–	–
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	–	–	–	–	–
Carpenters	–	5	215	–	–	4	–	–	–	5	–	–	–
Cranemen, derrickmen, and hoistmen	–	15	10	–	–	–	–	–	5	–	–	–	–
Electricians	–	79	87	–	–	7	–	–	22	–	17	–	5
Excavating, grading, and road machine operators	–	–	9	–	–	–	–	–	5	–	–	–	–
Foremen, n.e.c	6	98	73	5	11	77	–	60	102	36	80	8	31
Mechanics and repairmen	25	598	52	11	11	72	–	4	81	15	25	–	5
Automobile, including body	25	5	–	–	–	21	–	–	–	–	–	–	–
Machinists, job setters, and toolmakers	21	230	197	6	–	16	–	–	16	4	33	10	–
Metal craftsmen, except mechanics and machinists	4	151	292	–	16	4	–	–	5	4	5	–	–
Painters, construction and maintenance, and plasterers and paperhangers	–	9	53	–	–	11	–	–	9	–	5	–	–
Plumbers and pipe fitters	–	23	153	5	–	5	–	–	5	6	10	–	–
Printing craftsmen	–	5	–	–	–	6	–	5	69	320	–	–	–
Stationary engineers and power station operators	–	11	–	–	–	20	–	–	5	–	29	–	–
Other craftsmen and kindred workers	–	18	76	–	293	49	7	16	15	4	–	4	87
Operatives, except transport	**68**	**787**	**542**	**19**	**466**	**859**	**17**	**488**	**613**	**113**	**309**	**94**	**238**
Assemblers	24	108	10	–	28	16	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	7	143	29	5	6	4	–	21	50	–	–	6	29
Filers, polishers, sanders, and buffers	–	9	7	–	7	–	–	–	4	–	–	–	–
Painters, manufactured articles	–	34	27	–	7	–	–	–	10	–	13	–	–
Precision machine operatives	9	49	21	4	–	8	–	–	–	–	–	–	–
Welders and flamecutters	5	16	291	–	11	–	–	–	5	–	20	5	–
Other specified operatives	6	177	57	5	341	491	17	422	148	10	113	24	170
Machine operatives, miscellaneous specified	11	89	35	–	18	209	–	16	255	49	100	29	12
Machine operatives, not specified	–	53	10	–	–	45	–	–	63	48	10	21	9
Miscellaneous operatives	6	74	36	–	40	67	–	10	54	6	27	4	4
Not specified operatives	–	35	19	5	8	19	–	19	24	–	26	5	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
TACOMA SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	7	61	29	–	44	318	–	8	61	14	60	15	33
Deliverymen and routemen	–	7	–	–	–	169	–	–	12	3	5	–	–
Truck drivers	7	22	10	–	6	87	–	8	19	–	35	8	14
Other transport equipment operatives	–	32	19	–	38	62	–	–	30	11	20	7	19
Laborers, except farm	–	22	69	5	112	144	–	21	119	5	42	15	38
Freight, stock, and material handlers	–	9	14	–	11	76	–	21	69	–	10	4	5
Other specified laborers	–	7	22	–	101	5	–	–	9	–	5	–	33
Miscellaneous laborers	–	–	16	–	–	–	–	–	20	–	6	–	–
Not specified laborers	–	6	17	5	–	63	–	–	21	5	21	11	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	96	19	21	48	81	–	4	21	35	37	–	27
Cleaning service workers	–	41	19	11	3	50	–	4	21	31	15	–	11
Personal service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	–	55	–	10	–	4	–	–	–	–	11	–	–
Other service workers, including private household	–	–	–	–	45	27	–	–	–	4	11	–	16
Female employed	5	525	113	34	290	601	29	637	213	272	168	98	238
Professional, technical, and kindred workers	–	43	6	5	8	15	–	10	15	13	25	–	15
Accountants	–	–	–	–	–	15	–	6	5	4	6	–	–
Computer specialists	–	5	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social scientists	–	–	–	–	–	–	–	–	6	–	–	–	–
Writers, artists, and entertainers	–	–	–	–	–	–	–	4	–	9	–	–	–
Other professional, technical, and kindred workers	–	38	6	5	8	–	–	–	4	–	19	–	15
Managers and administrators, except farm	–	–	6	–	5	11	5	12	–	–	8	–	4
Salaried	–	–	6	–	5	–	5	12	–	–	8	–	4
Self-employed	–	–	–	–	–	11	–	–	–	–	–	–	–
Sales workers	–	–	–	–	5	14	5	–	–	19	–	–	14
Clerical and kindred workers	–	298	68	24	95	141	5	56	120	145	76	33	64
Bookkeepers	–	14	28	–	15	47	–	–	10	41	11	10	5
Cashiers	–	–	–	–	6	3	–	–	–	–	–	–	–
Counter clerks, except food	–	–	–	–	–	5	–	–	–	–	–	–	–
File clerks	–	47	–	14	–	12	–	–	–	5	–	–	–
Office machine operators	–	37	5	–	–	6	–	7	20	8	–	–	–
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	–	–	5	–	4	5	–	–	4	–	–	–	–
Secretaries	–	31	15	5	9	24	–	12	45	24	45	9	5
Stenographers	–	10	–	–	–	–	–	–	–	–	–	–	–
Typists	–	17	5	5	–	5	–	10	12	15	15	–	5
Other clerical and kindred workers	–	142	10	–	61	34	5	27	29	52	5	14	49
Craftsmen and kindred workers	–	49	–	–	11	29	7	74	11	57	5	–	28
Foremen, n.e.c.	–	5	–	–	–	5	–	49	5	15	5	–	–
Operatives, except transport	5	119	19	5	147	351	7	468	61	35	38	65	106
Assemblers	–	33	5	–	23	16	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	21	18	–	–	6	12
Packers and wrappers, except meat and produce	–	–	–	–	–	176	–	14	–	–	13	8	–
Other operatives, except transport	5	86	14	5	124	159	7	433	43	35	25	51	94
Transport equipment operatives	–	–	–	–	–	6	–	–	–	3	–	–	–
Laborers, except farm	–	7	5	–	–	8	–	17	6	–	5	–	–
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	–	9	9	–	19	26	–	–	–	–	11	–	7
Cleaning service workers	–	9	9	–	–	5	–	–	–	–	–	–	–
Personal service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Other service workers, including private household	–	–	–	–	19	21	–	–	–	–	11	–	7

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
TACOMA SMSA													
Total employed	**1 492**	**1 348**	**2 481**	**1 678**	**2 224**	**5 682**	**3 828**	**3 276**	**3 395**	**4 651**	**7 263**	**1 981**	**5 416**
Professional, technical, and kindred workers	**16**	**19**	**214**	**134**	**209**	**208**	**77**	**22**	**13**	**68**	**218**	**134**	**262**
Accountants	–	7	5	11	23	60	5	5	–	–	11	65	108
Architects	–	–	–	–	–	–	–	–	–	–	–	–	10
Computer specialists	–	–	–	–	–	40	–	–	–	–	–	20	48
Engineers	16	–	62	37	68	26	–	–	4	–	10	11	4
Chemical	–	–	–	–	–	6	–	–	–	–	–	–	–
Civil	11	–	6	–	16	–	–	–	–	–	–	–	4
Electrical and electronic	5	–	–	32	47	7	–	–	4	–	–	–	–
Industrial	–	–	–	–	–	–	–	–	–	–	–	11	–
Mechanical	–	–	51	–	5	5	–	–	–	–	6	–	–
Other engineers	–	–	5	5	–	8	–	–	–	–	4	–	–
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	9	–	–	–
Chemists	–	–	–	–	–	–	–	–	–	9	–	–	–
Personnel and labor relations workers	–	9	–	4	–	22	30	11	–	–	10	10	12
Social scientists	–	–	–	–	6	–	5	–	–	–	5	–	–
Engineering and science technicians	–	–	15	5	54	15	–	6	–	–	4	–	–
Draftsmen	–	–	5	–	35	–	–	6	–	–	4	–	–
Electrical and electronic engineering technicians	–	–	–	5	4	15	–	–	–	–	–	–	–
Industrial and mechanical engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	106	20	8	–	6	–	–	–	–	–	7
Writers, artists, and entertainers	–	–	5	45	16	19	12	–	9	54	15	5	31
Other professional, technical, and kindred workers	–	3	21	12	34	26	19	–	–	5	163	23	42
Managers and administrators, except farm	**114**	**86**	**255**	**97**	**89**	**733**	**450**	**477**	**670**	**464**	**1 113**	**268**	**1 098**
Buyers, purchasing agents, and sales managers	5	–	–	5	–	237	259	110	38	–	309	36	36
Other managers and administrators	109	86	255	92	89	496	191	367	632	464	804	232	1 062
Salaried	109	66	249	92	84	353	165	225	368	281	503	216	999
Self-employed	–	20	6	–	5	143	26	142	264	183	301	16	63
Sales workers	–	**16**	**28**	**42**	**15**	**1 072**	**1 849**	**407**	**647**	**35**	**2 413**	**673**	**1 195**
Clerical and kindred workers	**299**	**153**	**266**	**753**	**372**	**1 197**	**743**	**838**	**307**	**222**	**1 242**	**871**	**2 291**
Bookkeepers	–	57	18	15	29	297	79	55	126	48	313	48	303
Cashiers	13	–	–	9	9	23	198	634	5	153	152	5	27
Estimators and investigators, n.e.c	10	12	12	24	26	15	10	3	50	–	20	32	68
Office machine operators	15	–	4	–	18	98	12	–	–	–	21	6	189
Shipping and receiving clerks	15	6	15	5	–	92	47	10	–	–	37	–	–
Stock clerks and storekeepers	14	–	15	–	21	68	72	59	10	6	32	8	7
Other clerical and kindred workers	232	78	202	700	269	604	325	77	116	15	667	772	1 697
Craftsmen and kindred workers	**532**	**145**	**257**	**606**	**804**	**694**	**178**	**106**	**846**	**10**	**912**	**16**	**179**
Blacksmiths, forgemen, hammermen, and boilermakers	12	–	–	–	5	–	–	–	–	–	–	–	–
Brickmasons and stonemasons	–	–	–	–	–	–	–	–	–	–	–	–	–
Carpenters	19	5	5	–	14	13	31	–	–	–	37	–	39
Cranemen, derrickmen, and hoistmen	17	–	14	–	11	29	–	–	–	–	–	–	–
Electricians	38	–	21	–	50	10	6	–	–	–	4	–	–
Excavating, grading, and road machine operators	–	–	5	6	41	16	–	–	–	–	–	–	16
Foremen, n.e.c	49	29	30	29	46	175	24	10	10	3	36	5	12
Mechanics and repairmen	176	87	133	15	153	234	67	5	788	7	219	–	19
Automobile, including body	–	64	74	–	18	99	24	5	767	–	11	–	–
Machinists, job setters, and toolmakers	27	–	15	–	10	17	–	–	4	–	–	–	–
Metal craftsmen, except mechanics and machinists	5	–	17	–	–	4	–	–	–	–	3	–	–
Painters, construction and maintenance, and plasterers and paperhangers	15	4	6	–	10	10	–	–	–	–	13	–	62
Plumbers and pipe fitters	–	–	6	6	24	–	–	–	–	–	31	–	4
Printing craftsmen	–	–	–	–	–	5	–	–	–	–	5	5	4
Stationary engineers and power station operators	–	6	–	–	115	15	–	–	–	–	–	–	12
Other craftsmen and kindred workers	174	14	5	550	325	166	50	91	44	–	564	6	11
Operatives, except transport	**71**	**15**	**177**	**5**	**93**	**488**	**89**	**428**	**785**	**50**	**252**	**4**	**12**
Assemblers	–	–	–	–	–	–	–	–	–	–	5	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	–	4	–	–	–	–	–	–	–	5	–	–
Painters, manufactured articles	–	–	–	–	–	5	–	–	29	–	–	–	–
Precision machine operatives	–	–	–	–	–	5	–	–	4	–	–	–	–
Welders and flamecutters	44	–	30	–	15	30	–	–	–	–	6	–	–
Other specified operatives	–	15	107	–	42	328	84	407	716	26	189	–	12
Machine operatives, miscellaneous specified	–	–	–	–	16	44	–	6	15	24	25	4	–
Machine operatives, not specified	5	–	5	–	–	18	–	–	–	–	–	–	–
Miscellaneous operatives	4	–	31	–	9	52	5	5	16	–	17	–	–
Not specified operatives	18	–	–	5	11	6	–	10	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	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
TACOMA SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	**283**	**736**	**640**	**4**	**242**	**684**	**48**	**75**	**54**	**22**	**366**	-	-
Deliverymen and routemen	-	68	5	-	-	324	43	48	25	11	202	-	-
Truck drivers	11	656	18	4	70	296	5	12	29	11	127	-	-
Other transport equipment operatives	272	12	617	-	172	64	-	15	-	-	37	-	-
Laborers, except farm	**142**	**167**	**461**	**4**	**341**	**575**	**62**	**864**	**73**	**27**	**258**	**5**	**109**
Freight, stock, and material handlers	17	155	391	-	91	459	49	854	11	16	118	5	-
Other specified laborers	16	6	50	4	185	33	-	6	52	-	114	-	71
Miscellaneous laborers	89	-	14	-	53	24	-	-	-	-	6	-	6
Not specified laborers	20	6	6	-	12	59	13	4	10	11	20	-	32
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	**35**	**11**	**183**	**33**	**59**	**31**	**332**	**59**	-	**3 753**	**489**	**10**	**270**
Cleaning service workers	9	11	17	28	27	13	85	22	-	97	58	10	134
Personal service workers	4	-	111	5	-	-	42	-	-	22	19	-	17
Guards and watchmen	6	-	5	-	-	5	32	-	-	-	10	-	15
Other service workers, including private household	16	-	50	-	32	13	173	37	-	3 634	402	-	104
Female employed	**109**	**119**	**410**	**831**	**294**	**1 225**	**2 715**	**1 187**	**332**	**3 006**	**3 245**	**829**	**2 857**
Professional, technical, and kindred workers	-	-	**11**	**42**	**5**	**56**	**45**	**5**	-	**47**	**31**	**53**	**79**
Accountants	-	-	5	11	-	29	-	5	-	-	-	48	18
Computer specialists	-	-	-	-	-	10	-	-	-	-	-	-	16
Life and physical scientists	-	-	-	-	-	-	-	-	-	9	-	-	-
Registered nurses, dietitians, and therapists	-	-	-	-	-	-	-	-	-	-	5	-	4
Social scientists	-	-	-	-	-	-	5	-	-	-	5	-	-
Writers, artists, and entertainers	-	-	-	9	-	13	7	-	-	38	9	-	15
Other professional, technical, and kindred workers	-	-	6	22	5	4	33	-	-	-	12	5	26
Managers and administrators, except farm	-	**6**	**12**	**22**	**10**	**73**	**208**	**61**	**53**	**114**	**294**	**42**	**257**
Salaried	-	-	12	22	10	54	198	10	39	50	227	36	227
Self-employed	-	6	-	-	-	19	10	51	14	64	67	6	30
Sales workers	-	-	**17**	**18**	**5**	**68**	**1 462**	**281**	**9**	**16**	**1 294**	**79**	**395**
Clerical and kindred workers	**105**	**97**	**116**	**723**	**242**	**814**	**666**	**561**	**253**	**206**	**1 015**	**650**	**1 975**
Bookkeepers	-	48	4	15	29	259	74	55	122	43	295	43	295
Cashiers	6	-	-	9	9	19	189	448	-	148	147	5	27
Counter clerks, except food	-	-	-	11	-	21	17	-	-	-	5	-	-
File clerks	-	-	11	5	-	12	14	5	13	-	10	43	38
Office machine operators	6	-	4	-	10	72	12	-	-	-	17	-	135
Bookkeeping and billing machine operators	-	-	4	-	-	-	6	-	-	-	-	-	58
Receptionists	-	-	-	5	6	15	9	-	-	-	16	9	42
Secretaries	-	15	33	23	23	177	21	16	43	5	139	296	378
Stenographers	27	-	13	-	17	-	-	-	-	-	-	5	42
Typists	16	5	10	23	26	39	18	-	5	-	20	81	91
Other clerical and kindred workers	50	29	41	632	122	200	312	37	70	10	366	168	927
Craftsmen and kindred workers	**4**	-	**4**	**17**	**6**	**40**	**40**	**18**	-	**3**	**119**	-	-
Foremen, n.e.c	-	-	-	-	-	17	7	-	-	3	7	-	-
Operatives, except transport	-	-	-	-	-	**124**	**67**	**133**	**17**	**15**	**100**	-	**6**
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except meat and produce	-	-	-	-	-	46	16	5	-	8	-	-	-
Other operatives, except transport	-	-	-	-	-	78	51	128	17	7	100	-	6
Transport equipment operatives	-	**5**	**98**	-	**14**	-	-	-	-	-	-	-	-
Laborers, except farm	-	**6**	**47**	-	**4**	**38**	**6**	**96**	-	-	**38**	-	**17**
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	-	**5**	**105**	**9**	**8**	**12**	**221**	**32**	-	**2 605**	**354**	**5**	**128**
Cleaning service workers	-	5	-	4	4	7	10	-	-	-	26	5	60
Personal service workers	-	-	105	5	-	-	38	-	-	16	9	-	7
Other service workers, including private household	-	-	-	-	4	5	173	32	-	2 589	319	-	61

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
TACOMA SMSA												
Total employed	**1 613**	**1 674**	**708**	**4 567**	**1 008**	**5 020**	**3 419**	**8 349**	**2 901**	**2 360**	**3 335**	**9 509**
Professional, technical, and kindred workers	**239**	**14**	**41**	**147**	**236**	**1 688**	**1 166**	**5 308**	**1 356**	**936**	**1 726**	**1 428**
Accountants	57	–	21	–	–	12	10	39	13	14	247	236
Architects	–	–	–	–	–	–	–	–	–	–	81	5
Computer specialists	15	–	–	–	–	6	–	6	9	4	4	25
Engineers	5	5	–	–	–	10	10	24	–	20	135	178
Chemical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	–	–	–	–	–	–	10	6	–	12	44	75
Electrical and electronic	–	–	–	–	–	–	–	–	–	–	11	28
Industrial	5	–	–	–	–	10	–	–	–	4	13	22
Mechanical	–	5	–	–	–	–	–	–	–	–	32	15
Other engineers	–	–	–	–	–	–	–	18	–	4	35	38
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	12
Life and physical scientists	10	–	–	–	–	21	7	20	–	–	15	53
Chemists	6	–	–	–	–	5	–	–	–	–	11	6
Personnel and labor relations workers	62	–	–	6	–	34	5	26	–	9	11	190
Social scientists	16	–	–	–	–	22	–	41	9	–	11	23
Engineering and science technicians	30	–	–	–	–	–	–	5	27	5	128	119
Draftsmen	9	–	–	–	–	–	–	–	–	–	82	18
Electrical and electronic engineering technicians	4	–	–	–	–	–	–	–	–	–	10	49
Industrial and mechanical engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	16	–	5	145
Writers, artists, and entertainers	19	4	11	67	133	5	7	31	21	62	58	70
Other professional, technical, and kindred workers	25	5	9	74	103	1 578	1 127	5 116	1 261	822	1 031	372
Managers and administrators, except farm	**112**	**195**	**135**	**155**	**83**	**163**	**163**	**437**	**136**	**256**	**64**	**843**
Buyers, purchasing agents, and sales managers	18	6	10	12	–	12	14	5	–	4	–	76
Other managers and administrators	94	189	125	143	83	151	149	432	136	252	64	767
Salaried	67	110	80	77	63	151	139	432	132	252	57	767
Self-employed	27	79	45	66	20	–	10	–	4	–	7	–
Sales workers	**137**	**38**	**–**	**41**	**15**	**–**	**5**	**–**	**36**	**24**	**32**	**49**
Clerical and kindred workers	**499**	**126**	**94**	**275**	**215**	**779**	**649**	**1 045**	**510**	**539**	**773**	**3 378**
Bookkeepers	46	35	10	24	38	27	90	33	11	44	103	129
Cashiers	–	7	5	11	66	13	5	36	17	4	5	30
Estimators and investigators, n.e.c	28	–	–	–	–	5	–	–	6	–	5	37
Office machine operators	70	3	6	7	–	20	6	11	11	8	21	103
Shipping and receiving clerks	–	–	–	–	–	5	–	5	–	–	–	58
Stock clerks and storekeepers	13	–	–	–	–	36	–	11	19	–	–	240
Other clerical and kindred workers	342	81	73	233	111	673	548	949	446	483	639	2 781
Craftsmen and kindred workers	**155**	**991**	**–**	**94**	**54**	**143**	**134**	**170**	**65**	**40**	**65**	**1 187**
Blacksmiths, forgemen, hammermen, and boilermakers	–	12	–	–	–	–	–	–	–	4	–	9
Brickmasons and stonemasons	–	–	–	4	–	–	–	4	–	–	–	–
Carpenters	11	4	–	9	–	24	5	36	17	5	6	48
Cranemen, derrickmen, and hoistmen	–	–	–	–	–	–	–	–	–	–	–	9
Electricians	–	–	–	–	6	16	–	5	7	10	–	72
Excavating, grading, and road machine operators	–	–	–	–	–	–	–	–	–	–	–	15
Foremen, n.e.c	5	40	–	11	6	22	12	5	–	–	7	128
Mechanics and repairmen	43	782	–	41	15	13	7	43	–	11	12	563
Automobile, including body	4	498	–	5	–	–	–	30	–	6	–	179
Machinists, job setters, and toolmakers	–	11	–	–	6	–	–	–	–	–	–	37
Metal craftsmen, except mechanics and machinists	5	–	–	–	–	–	–	4	–	–	–	19
Painters, construction and maintenance, and plasterers and paperhangers	17	–	–	–	–	27	–	25	11	–	–	20
Plumbers and pipe fitters	7	–	–	–	–	11	–	–	6	–	–	52
Printing craftsmen	7	–	–	–	–	5	–	5	15	–	5	–
Stationary engineers and power station operators	–	5	–	–	–	5	5	5	–	5	–	29
Other craftsmen and kindred workers	60	137	–	29	21	20	105	38	9	5	35	186
Operatives, except transport	**71**	**120**	**10**	**715**	**25**	**73**	**65**	**72**	**35**	**63**	**58**	**268**
Assemblers	–	–	–	–	–	–	–	–	–	–	5	4
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Filers, polishers, sanders, and buffers	–	–	–	–	–	–	–	–	–	–	–	–
Pointers, manufactured articles	–	4	–	5	–	–	–	–	–	–	–	–
Precision machine operatives	–	19	–	–	–	–	–	4	–	–	–	5
Welders and flamecutters	–	26	–	–	–	–	–	6	–	6	–	22
Other specified operatives	31	39	10	700	10	73	53	37	25	21	48	189
Machine operatives, miscellaneous specified	15	20	–	10	10	–	–	5	5	6	–	4
Machine operatives, not specified	–	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous operatives	25	12	–	–	5	–	12	20	5	30	5	44
Not specified operatives	–	–	–	–	–	–	–	–	–	–	–	–

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
TACOMA SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	**24**	**38**	–	**87**	**5**	**37**	**7**	**35**	–	**23**	**8**	**237**
Deliverymen and routemen	–	–	–	70	–	–	7	–	–	–	–	6
Truck drivers	19	8	–	11	–	5	–	6	–	19	4	113
Other transport equipment operatives	5	30	–	6	5	32	–	29	–	4	4	118
Laborers, except farm	**22**	**103**	11	**217**	**35**	**47**	**23**	**39**	**38**	**38**	**33**	**446**
Freight, stock, and material handlers	–	–	–	6	–	21	–	9	15	28	–	276
Other specified laborers	13	76	6	170	29	21	9	16	11	–	33	141
Miscellaneous laborers	–	6	–	9	6	–	–	–	–	5	–	17
Not specified laborers	9	21	5	32	–	5	14	14	12	5	–	12
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**354**	**49**	**417**	**2 836**	**340**	**2 090**	**1 207**	**1 243**	**725**	**441**	**576**	**1 673**
Cleaning service workers	264	13	141	43	59	293	117	570	250	164	20	205
Personal service workers	–	5	125	1 186	140	33	5	283	170	86	–	76
Guards and watchmen	50	–	–	–	11	16	5	7	6	10	–	187
Other service workers, including private household	40	31	151	1 607	130	1 748	1 080	383	299	181	556	1 205
Female employed	**675**	**206**	**439**	**3 477**	**481**	**3 586**	**2 397**	**5 002**	**1 816**	**1 255**	**1 752**	**2 695**
Professional, technical, and kindred workers	**81**	–	**10**	**115**	**111**	**1 283**	**522**	**3 235**	**809**	**405**	**568**	**290**
Accountants	33	–	10	–	–	12	10	33	8	14	85	105
Computer specialists	–	–	–	–	–	–	–	–	4	–	–	–
Life and physical scientists	4	–	–	–	–	11	–	–	–	–	6	–
Registered nurses, dietitians, and therapists	–	–	–	23	–	996	341	91	27	14	10	17
Social scientists	–	–	–	–	–	7	–	21	9	–	6	–
Writers, artists, and entertainers	5	–	–	46	53	–	–	12	5	42	26	21
Other professional, technical, and kindred workers	39	–	–	46	58	257	171	3 078	756	335	435	147
Managers and administrators, except farm	**9**	**21**	**54**	**72**	**23**	**79**	**54**	**78**	**57**	**50**	**24**	**115**
Salaried	9	4	31	37	13	79	54	78	57	50	24	115
Self-employed	–	17	23	35	10	–	–	–	–	–	–	–
Sales workers	**38**	**8**	–	**16**	**10**	–	–	–	**5**	**15**	**16**	**39**
Clerical and kindred workers	**413**	**113**	**56**	**262**	**170**	**748**	**621**	**950**	**421**	**478**	**715**	**1 915**
Bookkeepers	46	29	5	24	38	27	85	33	11	44	87	88
Cashiers	–	7	5	11	46	13	5	36	17	4	5	30
Counter clerks, except food	–	–	18	96	6	–	–	–	–	–	5	5
File clerks	24	–	–	6	–	26	15	13	5	26	9	52
Office machine operators	65	3	6	7	–	20	6	–	11	8	11	91
Bookkeeping and billing machine operators	4	–	–	–	–	–	6	–	–	–	–	–
Receptionists	18	–	–	37	9	117	248	21	17	33	28	25
Secretaries	92	15	5	–	29	225	166	391	155	227	210	370
Stenographers	13	–	–	–	–	37	–	9	–	20	17	76
Typists	29	10	6	–	5	64	54	48	52	44	41	375
Other clerical and kindred workers	126	49	11	81	37	219	42	399	153	72	302	803
Craftsmen and kindred workers	**14**	**13**	–	**21**	–	**7**	**20**	**37**	**19**	–	–	**15**
Foremen, n.e.c	–	–	–	11	–	7	4	–	–	–	–	5
Operatives, except transport	**37**	**14**	**10**	**584**	**10**	**43**	**57**	**23**	**14**	**42**	**48**	**66**
Assemblers	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	–	–	–	–	–	–	–	–	–	–	–	–
Other operatives, except transport	37	14	10	584	10	43	57	23	14	42	48	66
Transport equipment operatives	–	**6**	–	**6**	–	**5**	–	**10**	–	–	**4**	–
Laborers, except farm	–	**10**	–	**14**	**6**	**16**	**13**	**12**	**5**	**10**	–	**10**
Farm workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, including private household	**83**	**21**	**309**	**2 387**	**151**	**1 405**	**1 110**	**657**	**486**	**255**	**377**	**245**
Cleaning service workers	83	–	107	15	17	138	65	61	75	57	9	69
Personal service workers	–	–	90	824	67	17	5	227	148	63	–	48
Other service workers, including private household	–	21	112	1 548	67	1 250	1 040	369	263	135	368	128

Table 181. Occupation of Employed Negroes by Major Industry: 1970

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

The State	Negroes 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing: Durable goods	Manufacturing: Nondurable goods, including not specified manufacturing	Transportation, communications, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Business and repair services	Personal services	Entertainment and recreation services	Professional and related services	Public administration
Total employed	**21 660**	**339**	**13**	**935**	**3 839**	**973**	**1 792**	**603**	**2 183**	**599**	**790**	**2 000**	**245**	**5 235**	**2 114**
Professional, technical, and kindred workers	**2 640**	–	–	**19**	**216**	**64**	**74**	**27**	**46**	**23**	**56**	**24**	**72**	**1 667**	**352**
Accountants	95	–	–	–	–	–	–	14	–	8	–	–	–	12	61
Engineers	136	–	–	14	76	–	12	9	–	–	5	–	–	12	8
Life and physical scientists	26	–	–	–	4	12	–	–	–	–	–	–	–	10	–
Health workers	474	–	–	–	–	–	–	–	10	–	–	3	–	456	5
Social scientists	38	–	–	5	–	–	–	–	5	–	–	–	–	9	19
Engineering and science technicians	140	–	–	–	43	26	7	–	–	–	18	–	–	12	34
Technicians, except health, and engineering and science	26	–	–	–	10	–	–	–	–	–	3	–	–	–	13
Writers, artists, and entertainers	197	–	–	–	13	11	35	–	15	–	7	18	55	33	10
Other professional, technical, and kindred workers	1 508	–	–	–	70	15	20	4	16	15	23	3	17	1 123	202
Managers and administrators, except farm	**799**	**8**	–	**37**	**44**	**10**	**14**	**41**	**140**	**78**	**76**	**58**	**3**	**191**	**99**
Buyers, purchasing agents, and sales managers	79	–	–	–	–	–	–	10	31	21	5	–	–	–	12
Other managers and administrators	720	8	–	37	44	10	14	31	109	57	71	58	3	191	87
Salaried	526	–	–	21	31	–	14	31	71	57	15	5	3	191	87
Self-employed	194	8	–	16	13	10	–	–	38	–	56	53	–	–	–
Sales workers	**651**	–	–	**4**	**5**	**33**	–	**42**	**464**	**66**	**12**	–	–	–	**25**
Clerical and kindred workers	**3 566**	**6**	–	**43**	**490**	**50**	**502**	**66**	**298**	**328**	**83**	**25**	**11**	**859**	**805**
Bookkeepers	83	–	–	–	16	5	14	5	–	26	–	–	–	10	7
Cashiers and receptionists	230	–	–	–	–	–	14	–	118	4	–	7	–	82	5
Office machine operators	206	–	–	–	30	6	26	12	18	65	12	5	–	27	5
Secretaries, stenographers, and typists	662	–	–	27	86	6	57	6	28	75	34	–	–	245	98
Shipping and stock clerks	347	–	–	4	148	7	31	23	74	–	–	–	–	24	36
Other clerical and kindred workers	2 038	6	–	12	210	26	360	20	60	158	37	13	11	471	654
Craftsmen and kindred workers	**2 502**	**5**	–	**470**	**1 107**	**30**	**234**	**87**	**146**	–	**157**	**29**	**3**	**63**	**171**
Blacksmiths, forgemen, hammermen, and boilermakers	12	–	–	–	12	–	–	–	–	–	–	–	–	–	–
Carpenters	137	–	–	111	8	–	–	–	–	–	–	–	–	8	10
Construction craftsmen, except carpenters	581	5	–	257	264	5	–	3	–	–	–	–	–	10	37
Cranemen, derrickmen, and hoistmen	119	–	–	–	97	–	–	15	–	–	–	–	–	–	7
Foremen, n.e.c	210	–	–	7	47	13	22	19	24	–	20	16	–	12	30
Mechanics and repairmen	624	–	–	7	329	6	53	23	51	–	109	5	3	8	30
Automobile, including body	164	–	–	–	8	–	19	–	42	–	83	–	–	–	12
Machinists, job setters, and toolmakers	110	–	–	–	110	–	–	–	–	–	–	–	–	–	–
Metal craftsmen, except mechanics and machinists	99	–	–	–	86	–	7	–	–	–	–	–	–	–	6
Printing craftsmen	38	–	–	–	12	–	8	–	–	–	3	–	–	9	6
Other craftsmen and kindred workers	572	–	–	88	142	6	144	27	71	–	25	8	–	16	45
Operatives, except transport	**3 195**	**5**	**5**	**31**	**1 490**	**555**	**123**	**162**	**154**	**18**	**53**	**409**	–	**111**	**79**
Assemblers	162	–	–	–	147	6	–	5	–	–	–	–	–	–	4
Checkers, examiners, and inspectors; manufacturing	57	–	–	–	34	23	–	–	–	–	–	–	–	–	–
Precision machine operatives	49	–	–	–	49	–	–	–	–	–	–	–	–	–	–
Welders and flamecutters	219	–	–	8	183	–	–	11	–	–	10	–	–	–	7
Other operatives, except transport	2 708	5	5	23	1 077	526	123	146	154	18	43	409	–	111	68
Transport equipment operatives	**585**	–	**4**	**12**	**78**	**40**	**235**	**54**	**24**	–	**16**	**12**	–	**26**	**84**
Deliverymen and routemen	63	–	–	–	–	11	10	7	24	–	–	–	–	4	7
Truck drivers	229	–	–	7	23	9	104	37	–	–	–	12	–	4	33
Other transport equipment operatives	293	–	4	5	55	20	121	10	–	–	16	–	–	18	44
Laborers, except farm	**1 701**	**101**	**4**	**286**	**290**	**112**	**334**	**97**	**161**	**8**	**66**	**36**	**12**	**26**	**168**
Freight, stock, and material handlers	511	2	–	9	43	22	139	51	112	–	–	16	–	5	112
Farm workers	**211**	**211**	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household	**5 074**	**3**	–	**33**	**119**	**79**	**276**	**27**	**750**	**78**	**271**	**671**	**144**	**2 292**	**331**
Cleaning service workers	1 692	3	–	13	78	74	115	27	145	69	220	191	33	594	130
Food service workers	1 014	–	–	–	3	–	78	–	393	–	–	117	45	343	35
Personal service workers	638	–	–	–	–	–	57	–	16	–	8	258	37	232	30
Guards and watchmen	85	–	–	4	–	5	6	–	5	–	17	–	–	22	26
Other service workers, except private household workers	1 645	–	–	16	38	–	20	–	191	9	26	105	29	1 101	110
Private household workers	**736**	–	–	–	–	–	–	–	–	–	–	**736**	–	–	–

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Table 182. Occupation of Employed Persons of Spanish Language by Major Industry: 1970

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

The State

	Persons of Spanish language, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing: Durable goods	Manufacturing: Nondurable goods, including not specified manufacturing	Transportation, communications, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Business and repair services	Personal services	Entertainment and recreation services	Professional and related services	Public administration
Total employed	**20 340**	**3 328**	**13**	**824**	**2 721**	**1 861**	**1 392**	**954**	**2 817**	**949**	**585**	**916**	**97**	**3 155**	**728**
Professional, technical, and kindred workers	**2 454**	**37**	**-**	**37**	**514**	**71**	**63**	**42**	**65**	**44**	**79**	**41**	**22**	**1 318**	**121**
Accountants	170	-	-	7	60	-	8	15	18	12	10	13	-	22	5
Engineers	428	-	-	23	303	14	21	6	-	8	14	-	-	39	-
Life and physical scientists	45	4	-	-	8	7	-	-	-	-	7	-	-	15	4
Health workers	361	7	-	-	-	-	-	-	18	11	-	-	-	325	-
Social scientists	11	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Engineering and science technicians	150	6	-	7	46	7	8	-	-	-	15	-	-	41	20
Technicians, except health, and engineering and science	79	11	-	-	23	-	7	-	18	-	6	14	-	-	-
Writers, artists, and entertainers	199	9	-	-	20	32	5	14	11	6	15	14	22	38	13
Other professional, technical, and kindred workers	1 011	-	-	-	54	11	14	7	-	7	12	-	-	838	68
Managers and administrators, except farm	**1 249**	**15**	**13**	**70**	**116**	**35**	**65**	**105**	**397**	**148**	**49**	**26**	**-**	**84**	**126**
Buyers, purchasing agents, and sales managers	140	7	-	-	29	9	8	35	45	7	-	-	-	-	-
Other managers and administrators	1 109	8	13	70	87	26	57	70	352	141	49	26	-	84	126
Salaried	908	8	7	30	87	26	57	70	252	121	27	13	-	84	126
Self-employed	201	-	6	40	-	-	-	-	100	20	22	13	-	-	-
Sales workers	**1 204**	**-**	**-**	**7**	**30**	**64**	**25**	**129**	**658**	**233**	**58**	**-**	**-**	**-**	**-**
Clerical and kindred workers	**2 686**	**9**	**-**	**81**	**219**	**89**	**210**	**183**	**380**	**450**	**72**	**61**	**11**	**653**	**268**
Bookkeepers	304	9	-	34	15	7	13	33	82	46	8	27	6	14	10
Cashiers and receptionists	242	-	-	6	-	8	9	-	136	7	-	5	-	71	-
Office machine operators	115	-	-	-	23	9	13	-	-	14	16	-	-	40	-
Secretaries, stenographers, and typists	687	-	-	13	50	31	31	41	45	125	21	-	-	261	69
Shipping and stock clerks	137	-	-	-	32	6	6	24	32	-	7	-	-	6	24
Other clerical and kindred workers	1 201	-	-	28	99	28	138	85	85	258	20	29	5	261	165
Craftsmen and kindred workers	**2 234**	**44**	**-**	**432**	**757**	**138**	**211**	**66**	**238**	**26**	**167**	**28**	**-**	**96**	**31**
Blacksmiths, forgemen, hammermen, and boilermakers	6	-	-	-	6	-	-	-	-	-	-	-	-	-	-
Carpenters	167	9	-	93	32	-	13	-	-	8	-	6	-	6	-
Construction craftsmen, except carpenters	487	9	-	242	141	19	23	4	12	-	-	7	-	17	13
Cranemen, derrickmen, and hoistmen	42	-	-	6	30	-	-	6	-	-	-	-	-	-	-
Foremen, n.e.c	241	-	-	15	54	42	43	34	28	5	7	-	-	13	-
Mechanics and repairmen	611	26	-	24	216	15	64	7	106	-	122	-	-	19	12
Automobile, including body	197	9	-	-	12	-	13	-	76	-	82	-	-	5	-
Machinists, job setters, and toolmakers	98	-	-	-	92	6	-	-	-	-	-	-	-	-	-
Metal craftsmen, except mechanics and machinists	109	-	-	6	103	-	-	-	-	-	-	-	-	-	-
Printing craftsmen	54	-	-	-	-	39	-	4	-	-	-	-	-	11	-
Other craftsmen and kindred workers	419	-	-	46	83	17	68	11	92	13	38	15	-	30	6
Operatives, except transport	**2 649**	**23**	**-**	**46**	**807**	**1 077**	**54**	**186**	**206**	**-**	**38**	**138**	**-**	**37**	**37**
Assemblers	120	-	-	-	91	16	-	-	-	-	-	-	-	5	8
Checkers, examiners, and inspectors; manufacturing	101	-	-	-	18	83	-	-	-	-	-	-	-	-	-
Precision machine operatives	55	-	-	-	41	14	-	-	-	-	-	-	-	-	-
Welders and flamecutters	117	-	-	-	91	7	14	-	-	-	5	-	-	-	-
Other operatives, except transport	2 256	23	-	46	566	957	40	186	206	-	33	138	-	32	29
Transport equipment operatives	**803**	**21**	**-**	**21**	**33**	**114**	**319**	**102**	**120**	**-**	**-**	**18**	**-**	**34**	**21**
Deliverymen and routemen	164	-	-	-	13	31	12	31	63	-	-	14	-	-	-
Truck drivers	331	21	-	21	13	16	149	26	51	-	-	-	-	19	15
Other transport equipment operatives	308	-	-	-	7	67	158	45	6	-	-	4	-	15	6
Laborers, except farm	**1 412**	**77**	**-**	**130**	**201**	**208**	**335**	**113**	**159**	**17**	**33**	**43**	**18**	**49**	**29**
Freight, stock, and material handlers	502	-	-	-	63	52	191	72	99	-	11	-	-	7	7
Farm workers	**3 097**	**3 097**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Service workers, except private household	**2 370**	**5**	**-**	**-**	**44**	**65**	**110**	**28**	**594**	**31**	**89**	**379**	**46**	**884**	**95**
Cleaning service workers	602	-	-	-	21	59	23	19	25	26	70	84	8	254	13
Food service workers	760	5	-	-	-	-	20	-	518	-	-	66	23	113	15
Personal service workers	369	-	-	-	-	-	48	-	18	-	-	206	10	87	-
Guards and watchmen	15	-	-	-	-	-	-	-	-	-	7	-	-	-	8
Other service workers, except private household workers	624	-	-	-	23	6	19	9	33	5	12	23	5	430	59
Private household workers	**182**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**182**	**-**	**-**	**-**

Table 183. **Detailed Industry of the Experienced Civilian Labor Force and Employed Persons, by Sex: 1970 and 1960**

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

The State

	1970						1960			
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed	
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	**844 055**	**489 653**	**856 358**	**496 080**	**794 581**	**455 689**	**727 266**	**342 646**	**683 274**	**318 635**
Agriculture, forestry, and fisheries	**50 452**	**9 487**	**49 228**	**8 953**	**45 369**	**7 638**	**62 812**	**9 521**	**58 057**	**8 356**
Agricultural production	37 422	6 397	38 893	6 705	36 335	5 596	53 889	8 396	50 405	7 380
Agricultural services, except horticultural	1 931	1 066	1 983	1 095	1 885	990	1 870	463	1 749	407
Horticultural services	2 557	275	2 866	280	2 592	260	1 860	119	1 740	105
Forestry	2 814	593	2 838	593	2 536	529	1 914	341	1 629	297
Fisheries	2 626	280	2 648	280	2 021	263	3 279	202	2 534	167
Agriculture, forestry, and fisheries – allocated	3 102	876	...	...	...	...	...	...	...	...
Mining	**2 183**	**218**	**2 114**	**202**	**1 933**	**190**	**1 756**	**73**	**1 483**	**69**
Metal mining	521	46	521	46	485	38	611	19	524	15
Coal mining	130	–	130	–	124	–	279	8	197	8
Crude petroleum and natural gas extractions	546	55	561	55	510	51	211	15	189	15
Nonmetallic mining and quarrying, except fuel	902	101	902	101	814	101	655	31	573	31
Mining – allocated	84	16	...	...	...	...	...	...	...	...
Construction	**81 473**	**5 118**	**76 915**	**4 891**	**66 882**	**4 452**	**73 698**	**3 054**	**64 563**	**2 908**
General building contractors	17 038	973	17 145	991	14 741	885	16 135	473	14 135	451
General contractors, except building	19 441	1 477	19 472	1 477	17 703	1 372	12 960	518	11 353	494
Special trade contractors	29 468	1 726	29 548	1 734	25 619	1 572	28 898	1 060	25 317	1 008
Not specified construction	10 697	689	10 750	689	8 819	623	15 705	1 003	13 758	955
Construction – allocated	4 829	253	...	...	...	...	...	...	...	...
Manufacturing	**240 086**	**56 683**	**233 650**	**53 969**	**213 799**	**45 208**	**221 209**	**42 920**	**208 661**	**38 297**
Durable goods	**182 802**	**30 817**	**175 008**	**29 448**	**158 203**	**24 317**	**156 562**	**19 941**	**146 910**	**18 345**
Lumber and wood products, except furniture	41 643	3 141	41 709	3 152	37 357	2 766	50 844	2 191	46 097	2 029
Logging	12 845	498	12 873	498	10 778	425	15 298	354	13 023	334
Sawmills, planing mills, and millwork	26 712	2 256	26 750	2 267	24 653	2 000	34 207	1 532	31 818	1 447
Miscellaneous wood products	2 086	387	2 086	387	1 926	341	1 339	305	1 256	248
Furniture and fixtures	2 600	949	2 606	965	2 309	846	3 490	818	3 200	727
Stone, clay, and glass products	5 884	844	5 909	847	5 479	752	5 408	420	5 105	386
Glass and glass products	963	293	963	293	914	236	491	67	470	60
Cement, concrete, gypsum, and plaster products	3 800	323	3 814	323	3 550	312	3 618	226	3 401	207
Structural clay products	308	53	308	53	250	48	507	61	463	61
Pottery and related products	59	44	59	47	54	40	40	13	27	13
Miscellaneous nonmetallic mineral and stone products	754	131	765	131	711	116	752	53	744	45
Metal industries	21 374	1 668	21 383	1 668	20 026	1 515	17 611	1 360	16 420	1 244
Primary metal industries	13 276	685	13 276	685	12 649	627	10 381	484	9 579	442
Blast furnaces, steelworks, rolling and finishing mills	2 377	148	2 377	148	2 223	132	2 327	64	2 192	64
Other primary iron and steel industries	2 162	116	2 162	116	1 949	116	1 205	76	1 102	63
Primary aluminum industries	7 348	352	7 348	352	7 165	327	1 848	14	1 696	12
Other primary nonferrous industries	1 389	69	1 389	69	1 312	52	5 001	330	4 589	303
Fabricated metal industries	8 098	983	8 107	983	7 377	888	7 230	876	6 841	802
Cutlery, handtools, and other hardware	323	70	323	70	290	62	368	173	364	158
Fabricated structural metal products	4 621	420	4 626	420	4 188	395	4 619	303	4 370	275
Screw-machine products	163	41	163	41	146	37	227	33	213	31
Metal stamping	121	40	121	40	107	40	435	136	408	125
Miscellaneous fabricated metal products	2 354	330	2 358	330	2 179	288	1 557	227	1 462	209
Not specified metal industries	516	82	516	82	467	66	24	4	24	4
Machinery, except electrical	10 346	1 366	10 351	1 366	9 431	1 235	7 852	695	7 597	634
Engines and turbines	109	4	109	4	102	4	403	45	389	41
Farm machinery and equipment	430	69	430	69	399	65	379	35	370	35
Construction and material-handling machines	2 245	237	2 245	237	2 040	209	982	66	948	60
Metalworking machinery	739	94	739	94	679	83	1 110	71	1 072	64
Office and accounting machines	416	114	416	114	376	104	432	47	428	39
Electronic computing equipment	326	81	326	81	308	62	57	3	57	3
Machinery, except electrical, n.e.c	5 866	721	5 871	721	5 324	662	3 097	322	2 989	295
Not specified machinery	215	46	215	46	203	46	1 392	106	1 344	97
Electrical machinery, equipment, and supplies	4 829	2 275	4 833	2 279	4 574	1 936	3 524	834	3 356	781
Household appliances	321	66	321	66	278	53	506	60	482	56
Radio, television, and communication equipment	1 676	785	1 676	785	1 609	676	953	212	908	199
Electrical machinery, equipment, and supplies, n.e.c	2 198	1 031	2 198	1 035	2 079	893	1 548	476	1 473	446
Not specified electrical machinery, equipment, and supplies	634	393	638	393	608	314	517	86	493	80
Transportation equipment	77 351	15 911	77 386	15 916	69 272	12 473	64 045	12 220	61 531	11 225
Motor vehicles and motor vehicle equipment	2 159	253	2 159	253	2 024	242	2 507	277	2 378	263
Aircraft and parts	53 167	13 578	53 180	13 583	46 782	10 347	45 750	10 676	44 335	9 783
Ship and boat building and repairing	18 738	1 714	18 760	1 714	17 467	1 556	13 940	1 168	13 084	1 088
Railroad locomotives and equipment	2 234	113	2 234	113	2 062	102	1 106	57	1 038	53
Mobile dwellings and campers	930	228	930	228	828	206	505	21	474	19
Cycles and miscellaneous transportation equipment	123	25	123	25	109	20	237	21	222	19
Professional and photographic equipment, and watches	717	389	723	395	681	331	991	498	972	475
Scientific and controlling instruments	243	126	243	126	228	108	373	156	365	149
Optical and health services supplies	357	222	357	222	345	187	241	198	236	188
Photographic equipment and supplies	44	21	50	27	50	16	48	17	48	17
Watches, clocks, and clockwork-operated devices	10	–	10	–	10	–	44	5	44	5
Not specified professional equipment	63	20	63	20	48	20	285	122	279	116
Ordnance	7 520	1 384	7 520	1 384	6 731	1 162	1 148	167	1 079	155
Miscellaneous manufacturing industries	2 576	1 465	2 588	1 476	2 343	1 301	1 649	738	1 553	689
Manufacturing, durable goods – allocated	7 962	1 425	...	...	...	...	...	...	...	...
Nondurable goods	**56 731**	**25 603**	**58 084**	**24 258**	**55 100**	**20 658**	**64 191**	**22 784**	**61 317**	**19 786**
Food and kindred products	17 244	8 998	17 300	9 042	15 800	6 749	22 424	9 859	20 743	7 868
Meat products	2 426	950	2 431	957	2 279	828	3 102	1 133	2 937	994
Dairy products	1 934	282	1 940	282	1 892	256	3 951	758	3 855	708
Canning and preserving fruits, vegetables, and seafoods	5 395	5 559	5 422	5 586	4 591	3 736	5 512	4 709	4 532	3 223
Grain-mill products	1 166	179	1 174	179	1 110	160	1 728	250	1 663	242
Bakery products	1 396	567	1 401	567	1 376	462	4 233	1 798	4 040	1 652
Confectionery and related products	307	370	307	375	293	312	302	520	294	448
Beverage industries	2 394	334	2 394	334	2 348	312	2 562	308	2 460	267
Miscellaneous food preparation and kindred products	1 435	510	1 435	515	1 208	484	912	300	844	259
Not specified food industries	791	247	796	247	703	199	122	83	118	75
Tobacco manufactures	54	5	54	5	54	5	65	11	65	11
Textile mill products	509	581	513	581	473	530	576	806	549	749
Knitting mills	73	228	77	228	72	218	69	392	69	379
Dyeing and finishing textiles, except wool and knit goods	20	13	20	13	20	13	8	4	8	4
Floor coverings, except hard surface	50	14	50	14	45	14	14	25	14	25
Yarn, thread, and fabric mills	291	262	291	262	267	221	398	299	379	278
Miscellaneous textile mill products	75	64	75	64	69	64	87	86	79	63
Apparel and other fabricated textile products	381	4 743	1 381	4 748	1 281	4 282	1 069	3 330	1 025	2 988
Apparel and accessories	1 050	3 954	1 050	3 959	982	3 553	663	2 688	647	2 388
Miscellaneous fabricated textile products	331	789	331	789	299	729	406	642	378	600

Table 183. **Detailed Industry of the Experienced Civilian Labor Force and Employed Persons, by Sex: 1970 and 1960**—Continued

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

The State	1970						1960			
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed	
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Manufacturing—Continued										
Nondurable goods—Continued										
Paper and allied products	17 248	3 251	17 265	3 251	16 712	2 955	15 280	2 904	14 893	2 640
Pulp, paper, and paperboard mills	13 398	1 907	13 415	1 907	13 025	1 767	13 543	2 062	13 219	1 885
Miscellaneous paper and pulp products	2 287	965	2 287	965	2 178	836	761	456	732	430
Paperboard containers and boxes	1 563	379	1 563	379	1 509	352	976	386	942	325
Printing, publishing, and allied industries	8 931	4 710	12 577	4 822	12 100	4 509	12 038	3 527	11 647	3 315
Newspaper publishing and printing	5 260	2 657	8 884	2 759	8 545	2 639	8 674	1 873	8 376	1 773
Printing, publishing, and allied industries, except newspapers	3 671	2 053	3 693	2 063	3 555	1 870	3 364	1 654	3 271	1 542
Chemicals and allied products	6 140	1 011	6 140	1 016	5 927	942	9 847	1 701	9 678	1 614
Industrial chemicals	3 459	458	3 459	458	3 361	439	1 393	108	1 371	103
Plastics, synthetics and resins, except fibers	180	95	180	95	164	73	557	128	548	121
Synthetic fibers	17	–	17	–	17	–	15	–	15	–
Drugs and medicines	401	86	401	86	385	82	315	80	299	76
Soaps and cosmetics	134	47	134	52	134	37	957	600	942	570
Paints, varnishes, and related products	411	99	411	99	385	99	444	75	435	71
Agricultural chemicals	376	23	376	23	355	23	703	30	691	28
Miscellaneous chemicals	583	70	583	70	567	65	872	79	858	75
Not specified chemicals and allied products	579	133	579	133	559	124	4 591	601	4 519	570
Petroleum and coal products	1 584	104	1 589	104	1 555	99	1 977	209	1 897	209
Petroleum refining	1 325	77	1 330	77	1 310	77	1 864	189	1 797	189
Miscellaneous petroleum and coal products	259	27	259	27	245	22	113	20	100	20
Rubber and miscellaneous plastic products	1 035	525	1 039	525	982	452	652	149	581	120
Rubber products	347	85	347	85	337	58	280	45	260	29
Miscellaneous plastic products	688	440	692	440	645	394	372	104	321	91
Leather and leather products	226	164	226	164	216	135	263	288	239	272
Tanned, curried, and finished leather	38	–	38	–	34	–	35	9	31	9
Footwear, except rubber	81	55	81	55	81	35	130	48	122	36
Leather products, except footwear	107	109	107	109	101	100	98	231	86	227
Manufacturing, nondurable goods—allocated	2 379	1 511	...	...	...	...	...	...	...	...
Not specified manufacturing industries	**553**	**263**	**558**	**263**	**496**	**233**	**456**	**195**	**434**	**166**
Transportation, communications, and other public utilities	**75 731**	**23 881**	**72 760**	**22 984**	**68 920**	**21 222**	**66 407**	**15 030**	**63 047**	**14 141**
Transportation	**48 430**	**11 289**	**46 529**	**11 329**	**45 227**	**10 165**	**47 267**	**6 041**	**44 243**	**5 576**
Railroads and railway express service	12 214	1 003	12 242	1 009	11 863	966	15 380	986	14 706	944
Street railways and bus lines	3 375	1 481	3 381	1 487	3 303	1 455	3 607	499	3 546	479
Taxicab service	1 450	177	1 455	177	1 291	153	1 333	181	1 236	153
Trucking service	11 722	1 408	11 744	1 408	10 779	1 282	10 101	945	9 500	893
Warehousing and storage	3 016	2 151	3 022	2 151	2 641	1 461	2 708	1 339	2 474	1 091
Water transportation	9 330	803	9 357	808	8 345	741	9 803	493	8 558	473
Air transportation	5 712	3 297	5 712	3 297	5 532	3 164	3 600	1 200	3 510	1 155
Pipelines, except natural gas	47	–	47	–	47	–	97	18	93	13
Services incidental to transportation	1 564	969	1 569	992	1 426	943	638	380	620	375
Communications	**9 631**	**9 295**	**9 648**	**9 309**	**9 432**	**8 832**	**7 096**	**7 125**	**6 986**	**6 745**
Radio broadcasting and television	1 714	844	1 724	844	1 668	735	1 344	429	1 306	381
Telephone (wire and radio)	7 421	8 161	7 424	8 175	7 287	7 845	5 502	6 446	5 449	6 117
Telegraph and miscellaneous communication services	496	290	500	290	477	252	250	250	231	247
Utilities and sanitary services	**14 574**	**2 346**	**14 583**	**2 346**	**14 261**	**2 225**	**12 044**	**1 864**	**11 818**	**1 820**
Electric light and power	7 790	1 295	7 790	1 295	7 633	1 238	5 169	904	5 098	878
Electric-gas utilities	470	113	470	113	461	101	2 115	364	2 086	354
Gas and steam supply systems	1 227	289	1 227	289	1 210	262	667	155	628	155
Water supply	1 894	384	1 899	384	1 867	371	1 707	218	1 681	214
Sanitary services	2 377	169	2 381	169	2 298	166	1 280	94	1 249	94
Other and not specified utilities	816	96	816	96	792	87	1 106	129	1 076	125
Transportation, communications, and other public utilities—allocated	**3 096**	**951**	...	...	...	...	...	...	...	...
Wholesale and retail trade	**164 281**	**123 676**	**159 225**	**117 155**	**149 579**	**105 098**	**124 758**	**84 836**	**118 991**	**77 265**
Wholesale trade	**47 998**	**15 869**	**46 536**	**15 124**	**44 520**	**13 281**	**33 086**	**11 503**	**31 938**	**10 149**
Motor vehicles and equipment	3 565	809	3 580	809	3 447	784	1 782	426	1 769	417
Drugs, chemicals, and allied products	1 653	528	1 653	528	1 616	501	1 376	413	1 343	393
Dry goods and apparel	497	357	497	357	480	341	427	176	415	167
Food and related products	10 734	5 147	10 751	5 152	10 057	4 023	7 051	4 223	6 698	3 240
Farm products—raw materials	1 056	289	1 066	289	989	252	1 277	443	1 225	409
Electrical goods	2 397	816	2 397	816	2 310	723	1 851	562	1 781	543
Hardware, plumbing, and heating supplies	2 043	665	2 043	665	1 997	611	1 420	438	1 366	422
Not specified electrical and hardware products	41	4	41	4	41	4	273	63	262	60
Machinery, equipment, and supplies	7 799	1 985	7 809	1 985	7 630	1 849	4 094	1 026	4 027	976
Metals and minerals, n.e.c	1 885	325	1 885	325	1 853	295	823	284	784	267
Petroleum products	2 741	571	2 758	577	2 671	560	3 971	779	3 886	731
Scrap and waste materials	1 471	235	1 471	235	1 330	217	1 352	90	1 289	84
Alcoholic beverages	887	223	887	226	854	221	1 117	344	1 064	324
Paper and its products	1 173	403	1 173	403	1 120	381	870	284	829	267
Lumber and construction materials	3 435	690	3 435	690	3 255	643	1 599	329	1 524	309
Wholesalers, n.e.c	4 488	1 802	4 514	1 815	4 306	1 658	2 502	1 076	2 387	1 014
Not specified wholesale trade	576	244	576	248	564	218	1 301	547	1 289	526
Wholesale trade—allocated	1 557	776	...	...	...	...	...	...	...	...
Retail trade	**116 283**	**107 807**	**112 689**	**102 031**	**105 059**	**91 817**	**91 672**	**73 333**	**87 053**	**67 116**
Lumber and building material retailing	5 132	1 193	5 146	1 217	4 871	1 113	6 182	1 155	5 897	1 084
Hardware and farm equipment stores	3 081	1 040	3 095	1 040	3 007	953	3 450	1 111	3 332	1 052
General merchandise stores	10 892	25 359	11 099	25 413	10 290	22 784	8 672	20 072	8 163	18 284
Department and mail-order establishments	7 676	16 334	7 691	16 369	7 102	14 465	5 689	13 215	5 370	12 045
Limited-price variety stores	673	1 832	692	1 842	640	1 607	768	3 470	698	3 149
Vending machine operators	399	113	399	113	384	99	291	49	275	45
Direct-selling establishments	985	4 104	1 153	4 113	1 080	3 845	607	1 386	576	1 265
Miscellaneous general merchandise stores	1 159	2 976	1 164	2 976	1 084	2 768	1 317	1 952	1 244	1 780
Food stores	19 431	12 752	19 966	12 895	18 977	11 769	16 911	9 888	16 044	9 195
Grocery stores	17 165	10 653	17 623	10 757	16 767	9 855	14 229	8 477	13 500	7 882
Dairy products stores	436	277	466	288	458	258	387	209	367	195
Retail bakeries	847	1 131	880	1 145	813	1 030	397	419	376	390
Food stores, n.e.c	983	691	997	705	939	626	1 898	783	1 801	728
Motor vehicle dealers	10 822	1 786	10 856	1 786	10 094	1 625	10 129	1 200	9 709	1 129
Tire, battery, and accessory dealers	3 360	604	3 380	609	3 233	558	2 102	428	2 014	403
Gasoline service stations	13 037	847	13 254	852	12 195	799	10 121	722	9 648	669

Table 183. **Detailed Industry of the Experienced Civilian Labor Force and Employed Persons, by Sex: 1970 and 1960** — Continued

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

The State

	1970						1960			
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed	
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Wholesale and retail trade — Continued										
Retail trade — Continued										
Miscellaneous vehicle dealers	1 981	419	1 995	419	1 875	371	679	107	651	101
Apparel and accessories stores, except shoe stores	2 474	6 404	2 483	6 409	2 295	5 853	1 698	4 257	1 629	3 980
Shoe stores	1 106	854	1 106	854	1 024	753	990	542	952	504
Furniture and home furnishings stores	4 317	1 866	4 339	1 873	4 048	1 722	3 346	1 165	3 231	1 091
Household appliances, television, and radio stores	2 956	1 299	2 977	1 299	2 784	1 211	2 787	1 183	2 678	1 091
Eating and drinking places	17 616	32 509	18 184	32 981	16 286	29 099	11 709	21 887	10 680	19 462
Drugstores	2 771	4 488	2 819	4 535	2 717	4 202	2 736	3 748	2 695	3 545
Liquor stores	506	225	506	225	478	206	403	260	382	244
Farm and garden supply stores	2 123	560	2 147	560	2 040	520	1 128	157	1 083	148
Jewelry stores	828	899	847	906	826	770	933	810	916	753
Fuel and ice dealers	1 466	403	1 470	403	1 394	393	1 993	468	1 883	456
Retail florists	592	1 208	621	1 237	587	1 173	494	699	461	674
Miscellaneous retail stores	4 785	4 694	4 879	4 711	4 640	4 373	4 500	2 932	4 322	2 764
Not specified retail trade	1 512	1 794	1 520	1 807	1 398	1 570	709	542	683	487
Retail trade — allocated	5 495	6 604	...	...	...	...	...	...	...	...
Finance, insurance, and real estate	**34 684**	**36 780**	**33 640**	**35 220**	**32 731**	**33 596**	**22 580**	**21 628**	**22 156**	**20 648**
Banking	5 995	12 586	6 009	12 591	5 884	12 157	3 199	6 715	3 155	6 476
Credit agencies	2 403	3 203	2 403	3 209	2 363	2 992	1 640	2 207	1 616	2 129
Security, commodity brokerage, and investment companies	2 129	1 103	2 129	1 103	2 083	1 054	1 050	606	1 042	567
Insurance	10 493	10 693	10 526	10 698	10 374	10 168	8 243	7 497	8 154	7 080
Real estate, including real estate–insurance–law offices	12 487	7 604	12 573	7 619	12 027	7 225	8 448	4 603	8 189	4 396
Finance, insurance, and real estate — allocated	1 177	1 591	...	...	...	...	...	...	...	...
Business and repair services	**29 717**	**11 789**	**28 752**	**11 165**	**26 926**	**10 086**	**19 266**	**5 351**	**18 398**	**5 001**
Business services	14 152	9 304	14 237	9 340	13 373	8 337	5 918	4 281	5 577	3 962
Advertising	1 311	671	1 354	671	1 284	594	812	484	776	459
Services to dwellings and other buildings	2 706	1 102	2 736	1 119	2 533	1 012	1 055	302	992	279
Commercial research, development, and testing labs	2 551	756	2 551	756	2 487	701	1 014	464	953	428
Employment and temporary help agencies	616	1 254	622	1 260	483	976	114	529	108	488
Business management and consulting services	1 086	1 256	1 086	1 256	1 064	1 150	433	388	407	358
Computer programing services	786	371	786	371	764	327	33	–	31	–
Detective and protective services	1 338	167	1 338	167	1 193	147	392	54	369	50
Business services, n.e.c	3 758	3 727	3 764	3 740	3 565	3 430	2 065	2 060	1 941	1 900
Repair services	14 374	1 799	14 515	1 825	13 553	1 749	13 348	1 070	12 821	1 039
Automobile services, except repair	2 083	429	2 152	449	1 870	412	1 395	212	1 335	205
Automobile repair and related services	7 030	542	7 064	542	6 613	529	6 824	288	6 532	280
Electrical repair shops	1 803	208	1 814	208	1 751	197	2 298	308	2 220	299
Miscellaneous repair services	3 458	620	3 485	626	3 319	611	2 831	262	2 734	255
Business and repair services — allocated	1 191	686	...	...	...	...	...	...	...	...
Personal services	**16 265**	**40 808**	**16 366**	**40 885**	**15 165**	**37 611**	**16 998**	**44 149**	**15 895**	**40 889**
Private households	2 125	14 696	3 073	17 641	2 719	16 403	3 669	26 410	3 224	24 349
Hotels and motels	4 336	6 584	4 411	6 625	3 939	5 739	4 276	5 493	3 911	5 019
Lodging places, except hotels and motels	1 140	1 705	1 150	1 819	1 065	1 700	590	1 154	542	1 056
Laundering, cleaning, and other garment services	2 793	5 406	2 816	5 444	2 624	4 943	3 281	5 165	3 136	4 699
Beauty shops	619	6 774	629	6 782	612	6 456	555	4 066	543	3 950
Barber shops	2 654	260	2 670	270	2 632	244	2 762	28	2 708	27
Shoe repair shops	356	114	361	114	356	94	650	131	634	131
Dressmaking shops	34	567	34	567	30	557	12	746	12	732
Miscellaneous personal services	1 206	1 594	1 222	1 623	1 188	1 475	1 203	956	1 185	926
Personal services — allocated	1 002	3 108	...	...	...	...	...	...	...	...
Entertainment and recreation services	**6 985**	**5 181**	**6 752**	**4 840**	**5 974**	**4 389**	**5 277**	**3 472**	**4 827**	**3 179**
Theaters and motion pictures	2 110	1 433	2 128	1 438	1 868	1 307	1 267	1 247	1 196	1 113
Bowling alleys, and billiard and pool parlors	779	753	837	759	776	686	1 201	545	1 118	512
Miscellaneous entertainment and recreation services	3 543	2 613	3 787	2 643	3 330	2 396	2 809	1 680	2 513	1 554
Entertainment and recreation services — allocated	553	382	...	...	...	...	...	...	...	...
Professional and related services	**90 861**	**152 907**	**87 761**	**144 914**	**85 591**	**140 056**	**54 564**	**84 204**	**53 580**	**81 750**
Health services	17 328	57 694	17 441	57 862	17 007	55 583	12 239	35 522	11 993	34 220
Offices of physicians	3 384	6 252	3 411	6 299	3 401	6 009	3 023	5 152	2 997	4 900
Offices of dentists	1 994	3 864	2 017	3 887	1 998	3 680	1 526	1 849	1 514	1 758
Offices of chiropractors	295	301	295	301	295	289	345	178	342	170
Hospitals	8 027	31 778	8 062	31 827	7 817	30 859	5 395	21 342	5 208	20 729
Convalescent institutions	1 516	11 652	1 540	11 688	1 429	11 003	691	3 713	685	3 536
Offices of health practitioners, n.e.c	375	465	375	469	375	455	427	272	423	259
Health services, n.e.c	1 737	3 382	1 741	3 391	1 692	3 288	832	3 016	824	2 868
Legal services	3 053	2 669	3 053	2 692	3 020	2 603	2 435	1 585	2 435	1 535
Educational services	47 306	67 799	47 604	68 067	46 821	66 388	25 672	36 731	25 321	36 047
Elementary and secondary schools	27 059	46 272	27 311	46 489	26 972	45 427	16 481	29 073	16 268	28 525
Government	23 886	38 415	24 047	38 542	23 774	37 642	15 585	24 720	15 390	24 246
Private	3 173	7 857	3 264	7 947	3 198	7 785	896	4 353	878	4 279
Colleges and universities	18 577	16 877	18 590	16 891	18 202	16 409	7 873	4 727	7 756	4 642
Government	14 903	12 790	14 907	12 797	14 603	12 446	5 700	2 710	5 628	2 658
Private	3 674	4 087	3 683	4 094	3 599	3 963	2 173	2 017	2 128	1 984
Libraries	340	2 112	368	2 128	356	2 082	293	1 081	289	1 061
Educational services, n.e.c	1 319	2 517	1 324	2 538	1 280	2 449	713	1 447	701	1 423
Not specified educational services	11	21	11	21	11	21	312	403	307	396
Museums, art galleries, and zoos	127	180	133	180	121	172	195	70	191	68
Religious organizations	4 455	2 756	4 539	2 812	4 494	2 771	4 505	2 559	4 411	2 487
Welfare services	2 091	4 331	2 105	4 338	1 979	4 105	948	1 754	928	1 697
Residential welfare facilities	299	851	299	864	285	841	289	900	283	871
Nonprofit membership organizations	3 571	3 538	3 637	3 543	3 304	3 248	2 892	2 766	2 773	2 596
Engineering and architectural services	5 164	1 143	5 186	1 143	4 900	1 067	3 000	462	2 897	434
Accounting, auditing, and bookkeeping services	2 338	2 330	2 343	2 335	2 283	2 245	1 620	1 337	1 611	1 306
Miscellaneous professional and related services	1 408	1 078	1 421	1 078	1 377	1 033	769	518	737	489
Professional and related services — allocated	3 721	8 538	...	...	...	...	...	...	...	...
Public administration	**51 117**	**21 917**	**49 823**	**21 271**	**46 968**	**20 043**	**38 297**	**15 344**	**36 076**	**14 652**
Postal service	8 565	3 227	8 571	3 227	8 335	3 055	6 773	1 598	6 467	1 459
Federal public administration	18 124	7 840	18 137	7 845	16 005	7 299	15 564	7 746	13 950	7 399
State public administration	7 987	4 438	8 003	4 442	7 889	4 254	5 104	2 937	4 992	2 823
Local public administration	15 087	5 748	15 112	5 757	14 739	5 435	10 856	3 063	10 667	2 971
Public administration — allocated	1 354	664	...	...	...	...	...	...	...	...
Unemployed persons, last worked 1959 or earlier[1]	**220**	**1 208**	...	...	...	...	...	...	...	...
Industry not reported[1]	...	...	**39 372**	**29 631**	**34 744**	**26 100**	**19 644**	**13 064**	**17 540**	**11 480**

[1]See text for explanation.

Table 184. Detailed Industry of Employed Persons by Race and Sex: 1970

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State					
	Total		Negro		Persons of Spanish language	
	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	**783 307**	**449 756**	**12 306**	**9 354**	**13 702**	**6 638**
Agriculture, forestry, and fisheries	**46 607**	**8 162**	**287**	**52**	**2 817**	**511**
Agricultural production	35 072	5 328	99	9	2 565	452
Agricultural services, except horticultural	1 847	966	2	-	65	9
Horticultural services	2 315	255	6	-	30	4
Forestry	2 518	529	71	-	44	-
Fisheries	1 999	263	8	-	7	-
Agriculture, forestry, and fisheries – allocated	2 856	821	101	43	106	46
Mining	**1 987**	**206**	**13**	-	**13**	-
Metal mining	485	38	4	-	-	-
Coal mining	124	-	-	-	-	-
Crude petroleum and natural gas extractions	495	51	5	-	6	-
Nonmetallic mining and quarrying, except fuel	814	101	4	-	7	-
Mining – allocated	69	16	-	-	-	-
Construction	**70 858**	**4 657**	**874**	**61**	**772**	**52**
General building contractors	14 654	871	155	13	151	8
General contractors, except building	17 672	1 372	193	31	205	12
Special trade contractors	25 557	1 564	190	11	294	26
Not specified construction	8 772	623	183	-	113	6
Construction – allocated	4 203	227	153	6	9	-
Manufacturing	**219 130**	**47 745**	**3 582**	**1 230**	**3 439**	**1 143**
Durable goods	**165 101**	**25 625**	**3 073**	**766**	**2 438**	**283**
Lumber and wood products, except furniture	37 295	2 755	100	28	322	15
Logging	10 750	425	-	4	73	-
Sawmills, planing mills, and millwork	24 619	1 989	80	20	230	15
Miscellaneous wood products	1 926	341	20	4	19	-
Furniture and fixtures	2 303	836	26	6	41	16
Stone, clay, and glass products	5 454	749	36	-	76	13
Glass and glass products	914	236	11	-	31	6
Cement, concrete, gypsum, and plaster products	3 536	312	17	-	39	7
Structural clay products	250	48	4	-	-	-
Pottery and related products	54	37	-	-	6	-
Miscellaneous nonmetallic mineral and stone products	700	116	4	-	-	-
Metal industries	20 017	1 515	520	32	375	5
Primary metal industries	12 649	627	400	23	262	-
Blast furnaces, steelworks, rolling and finishing mills	2 223	132	139	9	63	-
Other primary iron and steel industries	1 949	116	151	3	38	-
Primary aluminum industries	7 165	327	70	7	131	-
Other primary nonferrous industries	1 312	52	40	4	30	-
Fabricated metal industries	7 368	888	120	9	113	5
Cutlery, handtools, and other hardware	290	62	-	-	10	-
Fabricated structural metal products	4 183	395	65	-	76	-
Screw-machine products	146	37	-	-	7	-
Metal stamping	107	40	-	-	-	-
Miscellaneous fabricated metal products	2 175	288	45	9	20	5
Not specified metal industries	467	66	10	-	-	-
Machinery, except electrical	9 426	1 235	67	14	100	13
Engines and turbines	102	4	-	-	-	-
Farm machinery and equipment	399	65	-	-	9	-
Construction and material-handling machines	2 040	209	30	-	30	-
Metalworking machinery	679	83	11	-	9	-
Office and accounting machines	376	104	-	14	7	-
Electronic computing equipment	308	62	-	-	12	-
Machinery, except electrical, n.e.c.	5 319	662	26	-	20	13
Not specified machinery	203	46	-	-	13	-
Electrical machinery, equipment, and supplies	4 570	1 932	33	40	74	8
Household appliances	278	53	-	-	-	-
Radio, television, and communication equipment	1 609	676	10	14	36	8
Electrical machinery, equipment, and supplies, n.e.c.	2 079	889	6	22	38	-
Not specified electrical machinery, equipment, and supplies	604	314	17	4	-	-
Transportation equipment	69 237	12 468	1 905	491	1 232	152
Motor vehicles and motor vehicle equipment	2 024	242	8	5	20	5
Aircraft and parts	46 769	10 342	1 180	430	865	122
Ship and boat building and repairing	17 445	1 556	665	47	268	-
Railroad locomotives and equipment	2 062	102	39	9	45	13
Mobile dwellings and campers	828	206	13	-	26	5
Cycles and miscellaneous transportation equipment	109	20	-	-	8	7
Professional and photographic equipment, and watches	675	325	9	12	7	6
Scientific and controlling instruments	228	108	-	7	-	6
Optical and health services supplies	345	187	9	5	7	-
Photographic equipment and supplies	44	10	-	-	-	-
Watches, clocks, and clockwork-operated devices	10	-	-	-	-	-
Not specified professional equipment	48	20	-	-	-	-
Ordnance	6 731	1 162	77	39	116	-
Miscellaneous manufacturing industries	2 331	1 294	10	18	19	35
Manufacturing, durable goods – allocated	7 062	1 354	290	86	76	20
Nondurable goods	**53 538**	**21 887**	**486**	**458**	**993**	**844**
Food and kindred products	15 744	6 716	182	93	601	571
Meat products	2 274	821	27	13	104	19
Dairy products	1 886	256	16	-	11	8
Canning and preserving fruits, vegetables, and seafoods	4 564	3 720	45	58	356	483
Grain-mill products	1 102	160	11	-	14	8
Bakery products	1 371	462	18	8	34	11
Confectionery and related products	293	307	14	-	-	-
Beverage industries	2 348	312	36	-	35	6
Miscellaneous food preparation and kindred products	1 208	479	5	14	33	36
Not specified food industries	698	199	10	-	14	-
Tobacco manufactures	54	5	-	-	-	-
Textile mill products	469	530	9	26	-	8
Knitting mills	68	218	-	22	-	-
Dyeing and finishing textiles, except wool and knit goods	20	13	-	-	-	-
Floor coverings, except hard surface	45	14	-	-	-	-
Yarn, thread, and fabric mills	267	221	9	4	-	-
Miscellaneous textile mill products	69	64	-	-	-	8
Apparel and other fabricated textile products	1 281	4 282	5	89	29	191
Apparel and accessories	982	3 553	-	51	14	157
Miscellaneous fabricated textile products	299	729	5	38	15	34

Table 184. Detailed Industry of Employed Persons by Race and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State					
	Total		Negro		Persons of Spanish language	
	Male	Female	Male	Female	Male	Female
Manufacturing – Continued						
Nondurable goods – Continued						
Paper and allied products	16 695	2 955	117	67	127	13
Pulp, paper, and paperboard mills	13 008	1 767	75	43	96	–
Miscellaneous paper and pulp products	2 178	836	21	24	18	–
Paperboard containers and boxes	1 509	352	21	–	13	13
Printing, publishing, and allied industries	8 560	4 397	49	21	119	38
Newspaper publishing and printing	5 027	2 537	24	10	83	33
Printing, publishing, and allied industries, except newspapers	3 533	1 860	25	11	36	5
Chemicals and allied products	5 927	937	42	32	37	7
Industrial chemicals	3 361	439	28	32	28	–
Plastics, synthetics and resins, except fibers	164	73	–	–	–	–
Synthetic fibers	17	–	5	–	–	–
Drugs and medicines	385	82	–	–	–	–
Soaps and cosmetics	134	32	–	–	–	–
Paints, varnishes, and related products	385	99	–	–	–	–
Agricultural chemicals	355	23	4	–	–	–
Miscellaneous chemicals	567	65	–	–	9	7
Not specified chemicals and allied products	559	124	5	–	–	–
Petroleum and coal products	1 550	99	–	–	30	–
Petroleum refining	1 305	77	–	–	30	–
Miscellaneous petroleum and coal products	245	22	–	–	–	–
Rubber and miscellaneous plastic products	978	452	4	–	21	–
Rubber products	337	58	4	–	8	–
Miscellaneous plastic products	641	394	–	–	13	–
Leather and leather products	216	135	10	10	–	5
Tanned, curried, and finished leather	34	–	–	–	–	–
Footwear, except rubber	81	35	5	–	–	5
Leather products, except footwear	101	100	5	10	–	–
Manufacturing, nondurable goods – allocated	2 064	1 379	68	120	29	11
Not specified manufacturing industries	**491**	**233**	**23**	**6**	**8**	**16**
Transportation, communications, and other public utilities	**71 585**	**22 052**	**1 344**	**448**	**1 181**	**211**
Transportation	**45 131**	**10 131**	**745**	**102**	**957**	**117**
Railroads and railway express service	11 835	966	185	14	225	21
Street railways and bus lines	3 297	1 449	36	18	68	6
Taxicab service	1 286	153	22	–	35	–
Trucking service	10 760	1 282	90	6	143	–
Warehousing and storage	2 635	1 461	21	–	149	8
Water transportation	8 318	736	230	12	180	23
Air transportation	5 532	3 164	124	48	108	52
Pipelines, except natural gas	47	–	–	–	–	–
Services incidental to transportation	1 421	920	37	4	49	7
Communications	**9 415**	**8 818**	**126**	**310**	**103**	**69**
Radio broadcasting and television	1 658	735	38	11	22	–
Telephone (wire and radio)	7 284	7 831	81	294	64	69
Telegraph and miscellaneous communication services	473	252	7	5	17	–
Utilities and sanitary services	**14 252**	**2 225**	**282**	**15**	**114**	**7**
Electric light and power	7 633	1 238	109	4	35	7
Electric-gas utilities	461	101	–	–	–	–
Gas and steam supply systems	1 210	262	19	–	16	–
Water supply	1 862	371	41	11	17	–
Sanitary services	2 294	166	113	–	29	–
Other and not specified utilities	792	87	–	–	17	–
Transportation, communications, and other public utilities – allocated	**2 787**	**878**	**191**	**21**	**7**	**18**
Wholesale and retail trade	**153 835**	**111 071**	**1 674**	**1 112**	**2 479**	**1 292**
Wholesale trade	**45 881**	**13 976**	**506**	**97**	**725**	**229**
Motor vehicles and equipment	3 437	784	33	5	14	4
Drugs, chemicals, and allied products	1 616	501	18	–	17	13
Dry goods and apparel	480	341	–	–	20	8
Food and related products	10 046	4 023	116	24	267	100
Farm products – raw materials	979	252	–	–	36	–
Electrical goods	2 310	723	30	19	14	–
Hardware, plumbing, and heating supplies	1 997	611	15	–	5	11
Not specified electrical and hardware products	41	4	–	–	–	–
Machinery, equipment, and supplies	7 620	1 849	30	15	108	27
Metals and minerals, n.e.c	1 853	295	61	–	60	6
Petroleum products	2 654	560	12	–	15	–
Scrap and waste materials	1 330	217	61	9	25	–
Alcoholic beverages	854	218	10	–	–	–
Paper and its products	1 120	381	13	8	15	–
Lumber and construction materials	3 255	643	24	–	36	20
Wholesalers, n.e.c	4 285	1 651	35	–	73	12
Not specified wholesale trade	564	214	–	–	9	–
Wholesale trade – allocated	1 440	709	48	17	11	28
Retail trade	**107 954**	**97 095**	**1 168**	**1 015**	**1 754**	**1 063**
Lumber and building material retailing	4 857	1 089	6	5	44	6
Hardware and farm equipment stores	2 993	953	25	6	80	–
General merchandise stores	10 088	22 735	159	341	221	243
Department and mail-order establishments	7 087	14 435	120	230	97	122
Limited-price variety stores	621	1 597	8	7	5	19
Vending machine operators	384	99	3	–	36	–
Direct-selling establishments	917	3 836	6	13	56	53
Miscellaneous general merchandise stores	1 079	2 768	22	91	27	49
Food stores	18 488	11 636	165	100	311	144
Grocery stores	16 352	9 761	142	90	222	127
Dairy products stores	428	247	10	4	8	–
Retail bakeries	783	1 016	13	–	31	9
Food stores, n.e.c	925	612	–	6	50	8
Motor vehicle dealers	10 060	1 625	90	6	104	35
Tire, battery, and accessory dealers	3 213	553	5	–	60	–
Gasoline service stations	11 995	794	103	5	186	6

Table 184. Detailed Industry of Employed Persons by Race and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State					
	Total		Negro		Persons of Spanish language	
	Male	Female	Male	Female	Male	Female
Wholesale and retail trade – Continued						
Retail trade – Continued						
Miscellaneous vehicle dealers	1 861	371	–	–	4	6
Apparel and accessories stores, except shoe stores	2 286	5 848	48	79	44	63
Shoe stores	1 024	753	–	–	24	32
Furniture and home furnishings stores	4 031	1 715	22	28	113	18
Household appliances, television, and radio stores	2 767	1 211	21	–	7	–
Eating and drinking places	15 774	28 672	242	220	280	351
Drugstores	2 669	4 155	23	11	50	26
Liquor stores	478	206	10	–	–	–
Farm and garden supply stores	2 016	520	–	–	41	–
Jewelry stores	807	763	6	–	10	8
Fuel and ice dealers	1 390	393	–	6	7	–
Retail florists	558	1 144	–	–	–	6
Miscellaneous retail stores	4 546	4 356	12	25	51	37
Not specified retail trade	1 394	1 557	29	26	20	36
Retail trade – allocated	4 659	6 046	202	157	97	46
Finance, insurance, and real estate	**33 714**	**35 031**	**258**	**341**	**437**	**512**
Banking	5 870	12 152	75	133	83	224
Credit agencies	2 363	2 986	15	36	38	64
Security, commodity brokerage, and investment companies	2 083	1 054	–	4	19	6
Insurance	10 345	10 163	96	89	163	91
Real estate, including real estate – insurance – law offices	11 954	7 210	66	49	120	87
Finance, insurance, and real estate – allocated	1 099	1 466	6	30	14	40
Business and repair services	**27 750**	**10 645**	**563**	**227**	**428**	**157**
Business services	13 288	8 307	313	196	208	120
Advertising	1 241	594	–	–	14	–
Services to dwellings and other buildings	2 503	995	153	100	39	20
Commercial research, development, and testing labs	2 487	701	70	7	46	8
Employment and temporary help agencies	477	970	13	17	–	20
Business management and consulting services	1 064	1 150	22	4	38	8
Computer programing services	764	327	–	22	6	6
Detective and protective services	1 193	147	11	9	14	–
Business services, n.e.c	3 559	3 423	44	37	51	58
Repair services	13 422	1 729	170	10	207	37
Automobile services, except repair	1 811	398	34	5	31	17
Automobile repair and related services	6 579	529	107	–	129	8
Electrical repair shops	1 740	197	15	–	7	6
Miscellaneous repair services	3 292	605	14	5	40	6
Business and repair services – allocated	1 040	609	80	21	13	–
Personal services	**15 066**	**37 428**	**404**	**1 596**	**368**	**548**
Private households	1 855	13 617	34	561	44	170
Hotels and motels	3 882	5 704	138	194	91	85
Lodging places, except hotels and motels	1 055	1 586	–	34	14	19
Laundering, cleaning, and other garment services	2 601	4 917	123	293	47	101
Beauty shops	602	6 448	17	127	43	108
Barber shops	2 616	234	40	36	73	–
Shoe repair shops	351	94	13	–	15	–
Dressmaking shops	30	557	–	4	–	7
Miscellaneous personal services	1 172	1 446	13	24	35	12
Personal services – allocated	902	2 825	26	323	6	46
Entertainment and recreation services	**6 146**	**4 699**	**189**	**56**	**64**	**33**
Theaters and motion pictures	1 850	1 302	33	6	33	7
Bowling alleys, and billiard and pool parlors	724	680	6	9	7	15
Miscellaneous entertainment and recreation services	3 115	2 375	107	36	24	6
Entertainment and recreation services – allocated	457	342	43	5	–	5
Professional and related services	**88 428**	**147 400**	**1 717**	**3 518**	**1 164**	**1 991**
Health services	16 907	55 423	512	1 681	300	763
Offices of physicians	3 374	5 962	11	20	19	57
Offices of dentists	1 980	3 662	7	6	5	77
Offices of chiropractors	295	289	–	5	–	–
Hospitals	7 790	30 813	414	1 263	199	440
Convalescent institutions	1 405	10 967	37	286	14	148
Offices of health practitioners, n.e.c	375	451	–	–	–	–
Health services, n.e.c	1 688	3 279	43	101	63	41
Legal services	3 020	2 580	18	22	24	52
Educational services	46 545	66 133	707	1 169	619	821
Elementary and secondary schools	26 742	45 223	264	813	290	577
Government	23 630	37 528	239	656	247	441
Private	3 112	7 695	25	157	43	136
Colleges and universities	18 189	16 395	400	324	308	205
Government	14 599	12 439	309	257	250	132
Private	3 590	3 956	91	67	58	73
Libraries	328	2 066	17	16	4	13
Educational services, n.e.c	1 275	2 428	26	16	17	26
Not specified educational services	11	21	–	–	–	–
Museums, art galleries, and zoos	115	172	14	6	–	–
Religious organizations	4 415	2 715	40	17	–	26
Welfare services	1 965	4 098	167	192	45	110
Residential welfare facilities	285	828	17	24	6	–
Nonprofit membership organizations	3 253	3 243	93	72	58	7
Engineering and architectural services	4 878	1 067	31	–	50	43
Accounting, auditing, and bookkeeping services	2 278	2 240	6	2	6	7
Miscellaneous professional and related services	1 364	1 033	8	20	16	36
Professional and related services – allocated	3 403	7 868	104	313	40	126
Public administration	**48 201**	**20 660**	**1 401**	**713**	**540**	**188**
Postal service	8 329	3 055	392	178	91	–
Federal public administration	15 997	7 294	490	205	234	77
State public administration	7 878	4 250	165	100	109	57
Local public administration	14 723	5 435	283	142	106	37
Public administration – allocated	1 274	626	71	88	–	17

Table 184. **Detailed Industry of Employed Persons by Race and Sex: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Portland, Oreg.–Wash.		Seattle–Everett		Spokane		Tacoma	
	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	**244 796**	**154 844**	**349 121**	**207 634**	**61 440**	**38 451**	**77 871**	**46 654**
Agriculture, forestry, and fisheries	**7 745**	**2 463**	**5 849**	**1 405**	**2 165**	**309**	**2 107**	**869**
Agricultural production	4 955	1 472	2 762	737	1 645	201	1 155	515
Agricultural services, except horticultural	361	325	481	291	92	50	118	137
Horticultural services	841	82	1 253	120	156	6	285	32
Forestry	859	358	277	33	36	–	103	67
Fisheries	71	12	603	23	15	–	152	25
Agriculture, forestry, and fisheries – allocated	658	214	473	201	221	52	294	93
Mining	**542**	**34**	**494**	**94**	**302**	**99**	**155**	**4**
Metal mining	29	–	38	14	43	24	11	–
Coal mining	12	–	53	–	21	–	5	–
Crude petroleum and natural gas extractions	155	16	123	46	97	–	40	–
Nonmetallic mining and quarrying, except fuel	291	18	268	23	136	70	99	4
Mining – allocated	55	–	12	11	5	5	–	–
Construction	**21 827**	**1 831**	**29 651**	**2 215**	**5 276**	**348**	**7 768**	**412**
General building contractors	4 654	316	6 849	514	1 005	53	1 720	136
General contractors, except building	5 026	462	5 984	575	1 069	46	1 566	48
Special trade contractors	9 041	750	11 930	695	2 407	182	2 979	141
Not specified construction	1 539	211	3 072	300	505	21	910	73
Construction – allocated	1 567	92	1 816	131	290	46	593	14
Manufacturing	**62 574**	**21 388**	**108 738**	**26 108**	**10 532**	**1 915**	**19 603**	**4 429**
Durable goods	**43 429**	**11 368**	**91 354**	**17 666**	**7 611**	**798**	**14 091**	**2 173**
Lumber and wood products, except furniture	6 565	849	6 742	587	968	82	3 382	629
Logging	1 241	74	1 203	58	93	8	582	64
Sawmills, planing mills, and millwork	4 546	625	4 830	418	805	61	2 501	491
Miscellaneous wood products	778	150	709	111	70	13	299	74
Furniture and fixtures	1 850	551	969	325	120	38	565	286
Stone, clay, and glass products	1 545	218	2 923	487	426	53	497	72
Glass and glass products	331	124	772	188	21	5	22	11
Cement, concrete, gypsum, and plaster products	797	64	1 742	189	295	28	419	30
Structural clay products	104	5	114	21	80	10	–	12
Pottery and related products	6	10	29	13	–	–	5	10
Miscellaneous nonmetallic mineral and stone products	307	15	266	76	30	10	51	9
Metal industries	11 863	1 412	7 304	784	3 626	229	2 258	80
Primary metal industries	6 146	565	2 685	163	3 154	198	1 720	47
Blast furnaces, steelworks, rolling and finishing mills	631	61	1 286	46	724	76	93	–
Other primary iron and steel industries	2 641	326	1 037	70	103	4	444	15
Primary aluminum industries	2 507	123	170	18	2 294	113	302	14
Other primary nonferrous industries	367	55	192	29	33	5	881	18
Fabricated metal industries	5 717	847	4 619	621	472	31	538	33
Cutlery, handtools, and other hardware	666	275	176	55	23	–	29	–
Fabricated structural metal products	3 340	332	2 726	241	343	22	337	12
Screw-machine products	67	21	130	37	6	–	6	–
Metal stamping	95	46	72	32	–	–	9	–
Miscellaneous fabricated metal products	1 285	146	1 284	219	58	–	130	21
Not specified metal industries	264	27	231	37	42	9	27	–
Machinery, except electrical	6 333	1 324	5 229	700	626	55	702	102
Engines and turbines	18	6	73	4	4	–	5	–
Farm machinery and equipment	179	26	63	–	92	20	18	11
Construction and material-handling machines	2 043	349	1 066	108	143	10	82	4
Metalworking machinery	399	159	452	63	76	5	70	–
Office and accounting machines	79	15	255	101	30	–	15	3
Electronic computing equipment	158	9	238	27	26	5	9	11
Machinery, except electrical, n.e.c.	3 395	743	2 951	364	251	11	487	73
Not specified machinery	62	17	131	33	4	4	16	–
Electrical machinery, equipment, and supplies	5 469	4 408	3 256	1 558	582	172	249	37
Household appliances	228	10	203	36	–	–	30	6
Radio, television, and communication equipment	353	281	1 352	617	63	8	69	25
Electrical machinery, equipment, and supplies, n.e.c.	4 647	3 947	1 275	664	475	152	93	–
Not specified electrical machinery, equipment, and supplies	241	170	426	241	44	12	57	6
Transportation equipment	5 530	505	53 348	10 555	648	32	5 283	643
Motor vehicles and motor vehicle equipment	2 138	242	1 248	198	358	–	168	5
Aircraft and parts	479	48	43 097	9 723	10	–	2 989	525
Ship and boat building and repairing	1 960	98	6 966	492	154	27	1 991	87
Railroad locomotives and equipment	339	12	1 873	92	–	–	122	10
Mobile dwellings and campers	543	101	131	39	78	–	13	16
Cycles and miscellaneous transportation equipment	71	4	33	11	48	5	–	–
Professional and photographic equipment, and watches	760	947	478	220	17	5	44	26
Scientific and controlling instruments	266	141	153	57	5	–	11	16
Optical and health services supplies	215	141	255	138	12	5	23	10
Photographic equipment and supplies	268	665	22	10	–	–	5	–
Watches, clocks, and clockwork-operated devices	5	–	10	–	–	–	–	–
Not specified professional equipment	6	–	38	15	–	–	5	–
Ordnance	49	41	6 149	983	14	–	166	34
Miscellaneous manufacturing industries	1 032	676	1 485	584	198	109	149	101
Manufacturing, durable goods – allocated	2 433	437	3 471	883	386	23	796	163
Nondurable goods	**18 904**	**9 889**	**17 100**	**8 322**	**2 871**	**1 102**	**5 477**	**2 244**
Food and kindred products	4 674	1 809	5 112	1 660	1 251	266	1 566	601
Meat products	655	252	756	386	424	115	343	135
Dairy products	535	105	834	89	218	62	189	20
Canning and preserving fruits, vegetables, and seafoods	729	405	670	337	53	24	103	91
Grain-mill products	427	78	540	97	193	16	82	7
Bakery products	934	450	840	229	138	13	169	103
Confectionery and related products	29	43	174	182	10	11	75	83
Beverage industries	808	116	732	97	119	11	290	38
Miscellaneous food preparation and kindred products	315	219	325	168	62	14	144	60
Not specified food industries	242	141	241	75	34	–	171	64
Tobacco manufactures	14	–	33	5	10	–	–	–
Textile mill products	442	683	231	211	14	10	25	29
Knitting mills	158	352	59	132	–	–	–	12
Dyeing and finishing textiles, except wool and knit goods	–	6	6	–	–	–	6	–
Floor coverings, except hard surface	–	5	45	4	–	–	–	5
Yarn, thread, and fabric mills	233	300	92	63	14	10	14	12
Miscellaneous textile mill products	51	20	29	12	–	–	5	–
Apparel and other fabricated textile products	1 090	3 408	788	2 134	51	194	85	637
Apparel and accessories	855	2 715	558	1 598	51	140	79	573
Miscellaneous fabricated textile products	235	693	230	536	–	54	6	64

Table 184. **Detailed Industry of Employed Persons by Race and Sex: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Portland, Oreg.–Wash.		Seattle–Everett		Spokane		Tacoma	
	Male	Female	Male	Female	Male	Female	Male	Female
Manufacturing – Continued								
Nondurable goods – Continued								
Paper and allied products	5 877	1 238	3 546	1 121	314	24	1 344	213
Pulp, paper, and paperboard mills	3 252	427	2 555	556	283	10	980	126
Miscellaneous paper and pulp products	2 108	638	549	393	5	–	111	67
Paperboard containers and boxes	517	173	442	172	26	14	253	20
Printing, publishing, and allied industries	3 294	1 495	4 515	2 009	865	450	970	272
Newspaper publishing and printing	1 399	654	2 463	983	537	305	550	120
Printing, publishing, and allied industries, except newspapers	1 895	841	2 052	1 026	328	145	420	152
Chemicals and allied products	1 832	413	1 326	272	154	78	889	168
Industrial chemicals	612	93	214	40	35	–	234	33
Plastics, synthetics and resins, except fibers	90	29	101	41	–	5	33	15
Synthetic fibers	21	–	6	–	–	–	5	–
Drugs and medicines	176	102	232	19	41	59	44	4
Soaps and cosmetics	130	9	75	32	19	–	11	–
Paints, varnishes, and related products	163	42	286	73	13	9	54	11
Agricultural chemicals	120	33	32	4	6	5	45	–
Miscellaneous chemicals	201	39	244	49	25	–	228	–
Not specified chemicals and allied products	319	66	136	14	15	–	235	105
Petroleum and coal products	266	22	254	27	66	16	162	10
Petroleum refining	115	10	119	22	47	4	110	5
Miscellaneous petroleum and coal products	151	12	135	5	19	12	52	5
Rubber and miscellaneous plastic products	573	211	508	258	36	34	129	98
Rubber products	309	92	132	31	16	–	23	9
Miscellaneous plastic products	264	119	376	227	20	34	106	89
Leather and leather products	101	65	130	119	25	4	16	–
Tanned, curried, and finished leather	18	25	12	–	6	–	5	–
Footwear, except rubber	51	9	56	24	15	4	–	–
Leather products, except footwear	32	31	62	95	4	–	11	–
Manufacturing, nondurable goods – allocated	741	545	657	506	85	26	291	216
Not specified manufacturing industries	**241**	**131**	**284**	**120**	**50**	**15**	**35**	**12**
Transportation, communications, and other public utilities	**27 136**	**7 632**	**32 961**	**12 623**	**6 881**	**1 310**	**7 460**	**1 763**
Transportation	**17 835**	**2 945**	**21 810**	**6 216**	**4 809**	**407**	**4 683**	**638**
Railroads and railway express service	4 820	441	3 676	458	2 558	157	1 383	109
Street railways and bus lines	1 170	437	1 726	759	327	28	448	108
Taxicab service	459	30	752	79	135	16	176	7
Trucking service	5 991	877	5 029	659	1 221	86	988	89
Warehousing and storage	1 247	308	787	338	218	28	241	30
Water transportation	2 657	241	4 557	521	15	–	1 022	36
Air transportation	1 079	330	4 296	2 767	232	43	338	207
Pipelines, except natural gas	12	–	22	–	5	–	–	–
Services incidental to transportation	400	281	965	635	98	49	87	52
Communications	**2 846**	**3 392**	**4 931**	**5 057**	**830**	**597**	**847**	**831**
Radio broadcasting and television	451	220	626	311	242	84	114	68
Telephone (wire and radio)	2 334	3 063	4 094	4 580	563	508	680	749
Telegraph and miscellaneous communication services	61	109	211	166	25	5	53	14
Utilities and sanitary services	**5 154**	**1 008**	**5 040**	**1 004**	**1 009**	**234**	**1 394**	**191**
Electric light and power	2 946	748	2 632	556	368	80	698	112
Electric-gas utilities	113	24	104	34	101	58	88	9
Gas and steam supply systems	642	87	542	152	50	9	204	26
Water supply	608	95	760	176	266	77	163	40
Sanitary services	810	42	989	82	188	5	233	4
Other and not specified utilities	35	12	13	4	36	5	8	–
Transportation, communications, and other public utilities – allocated	**1 301**	**287**	**1 180**	**346**	**233**	**72**	**536**	**103**
Wholesale and retail trade	**55 421**	**36 937**	**72 495**	**49 698**	**15 542**	**9 873**	**16 385**	**11 710**
Wholesale trade	**21 067**	**6 351**	**24 995**	**7 443**	**5 321**	**1 235**	**4 457**	**1 225**
Motor vehicles and equipment	2 133	552	1 901	463	469	94	338	78
Drugs, chemicals, and allied products	950	262	831	371	292	20	240	46
Dry goods and apparel	299	178	369	279	57	33	21	9
Food and related products	3 244	903	4 582	1 233	1 073	267	1 081	266
Farm products – raw materials	230	93	189	106	73	26	62	7
Electrical goods	1 455	431	1 523	442	278	97	214	85
Hardware, plumbing, and heating supplies	848	330	1 120	310	278	75	254	117
Not specified electrical and hardware products	11	–	31	–	–	–	4	4
Machinery, equipment, and supplies	3 745	981	4 839	1 321	1 130	229	546	134
Metals and minerals, n.e.c	928	125	1 427	233	113	14	72	10
Petroleum products	1 025	138	1 094	295	306	44	115	22
Scrap and waste materials	705	55	562	152	109	12	188	10
Alcoholic beverages	290	53	404	105	88	13	101	15
Paper and its products	687	220	625	246	127	51	169	46
Lumber and construction materials	1 580	577	1 731	358	359	65	393	126
Wholesalers, n.e.c	2 114	1 049	2 686	1 077	296	130	406	157
Not specified wholesale trade	249	68	350	140	85	10	45	20
Wholesale trade – allocated	574	336	731	312	188	55	208	73
Retail trade	**34 354**	**30 586**	**47 500**	**42 255**	**10 221**	**8 638**	**11 928**	**10 485**
Lumber and building material retailing	1 370	318	1 901	419	446	56	456	103
Hardware and farm equipment stores	542	166	634	283	248	35	204	44
General merchandise stores	3 168	7 583	5 324	10 644	987	2 449	1 113	2 715
Department and mail-order establishments	2 305	4 868	3 976	7 685	728	1 682	701	1 645
Limited-price variety stores	173	833	252	543	70	119	26	150
Vending machine operators	175	92	265	43	13	5	45	6
Direct-selling establishments	282	1 160	441	1 348	94	402	147	380
Miscellaneous general merchandise stores	233	630	390	1 025	82	241	194	534
Food stores	5 876	3 668	8 156	4 983	1 666	883	2 089	1 187
Grocery stores	5 133	3 064	7 138	4 102	1 498	751	1 893	966
Dairy products stores	114	133	199	60	47	30	35	7
Retail bakeries	338	259	395	505	46	68	72	137
Food stores, n.e.c	291	212	424	316	75	34	89	77
Motor vehicle dealers	3 457	672	3 918	627	975	147	1 277	215
Tire, battery, and accessory dealers	1 008	174	1 167	151	337	82	408	53
Gasoline service stations	3 422	221	4 957	318	974	60	1 241	49

Table 184. Detailed Industry of Employed Persons by Race and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Portland, Oreg.–Wash.		Seattle–Everett		Spokane		Tacoma	
	Male	Female	Male	Female	Male	Female	Male	Female
Wholesale and retail trade – Continued								
Retail trade – Continued								
Miscellaneous vehicle dealers	530	130	840	149	172	19	137	15
Apparel and accessories stores, except shoe stores	740	1 853	1 047	2 798	244	502	218	667
Shoe stores	414	230	457	349	174	130	142	54
Furniture and home furnishings stores	1 494	536	1 682	778	377	153	602	203
Household appliances, television, and radio stores	955	397	1 294	455	291	163	283	151
Eating and drinking places	5 683	8 569	8 216	11 594	1 395	2 345	1 645	3 006
Drugstores	738	1 145	1 184	1 746	261	390	319	320
Liquor stores	131	21	259	141	30	–	46	23
Farm and garden supply stores	313	108	340	83	176	44	95	26
Jewelry stores	267	274	344	376	126	44	66	69
Fuel and ice dealers	376	147	641	176	187	53	174	54
Retail florists	111	309	232	486	58	85	58	124
Miscellaneous retail stores	1 613	1 392	2 356	2 262	550	362	477	392
Not specified retail trade	429	349	614	745	141	144	184	209
Retail trade – allocated	1 717	2 324	1 937	2 692	406	492	694	806
Finance, insurance, and real estate	**11 944**	**13 775**	**18 553**	**20 117**	**3 317**	**3 148**	**3 711**	**3 686**
Banking	2 528	4 710	2 971	6 301	640	1 164	724	1 348
Credit agencies	779	1 145	1 253	1 656	233	240	266	303
Security, commodity brokerage, and investment companies	823	573	1 298	626	311	182	155	122
Insurance	4 181	4 624	5 979	6 704	1 020	868	1 152	829
Real estate, including real estate – insurance – law offices	3 101	2 093	6 542	4 077	949	559	1 262	879
Finance, insurance, and real estate – allocated	532	630	510	753	164	135	152	205
Business and repair services	**10 006**	**4 280**	**12 647**	**5 888**	**2 831**	**912**	**2 406**	**881**
Business services	4 138	3 273	6 357	4 652	1 219	627	938	675
Advertising	418	244	726	447	254	52	96	33
Services to dwellings and other buildings	819	448	1 453	614	271	109	225	98
Commercial research, development, and testing labs	114	96	386	105	26	5	55	19
Employment and temporary help agencies	190	464	276	666	79	94	53	102
Business management and consulting services	431	508	704	615	96	102	102	85
Computer programing services	246	64	351	149	63	14	35	46
Detective and protective services	487	77	721	105	124	–	121	11
Business services, n.e.c	1 433	1 372	1 740	1 951	306	251	251	281
Repair services	5 363	694	5 807	922	1 504	229	1 363	143
Automobile services, except repair	1 024	206	979	255	262	33	189	28
Automobile repair and related services	2 377	182	2 664	242	657	78	657	37
Electrical repair shops	741	78	810	93	155	30	171	19
Miscellaneous repair services	1 221	228	1 354	332	430	88	346	59
Business and repair services – allocated	505	313	483	314	108	56	105	63
Personal services	**5 025**	**11 274**	**6 923**	**14 637**	**1 582**	**4 111**	**1 359**	**3 916**
Private households	677	3 692	752	4 927	128	1 645	240	1 314
Hotels and motels	1 376	1 756	1 882	2 142	557	662	212	289
Lodging places, except hotels and motels	184	448	416	654	72	120	57	150
Laundering, cleaning, and other garment services	853	1 587	1 312	2 220	257	441	318	654
Beauty shops	162	2 063	302	2 645	46	640	100	759
Barber shops	843	73	1 090	110	233	15	261	56
Shoe repair shops	148	36	154	35	48	12	11	–
Dressmaking shops	6	137	20	200	–	78	–	67
Miscellaneous personal services	440	430	575	663	119	157	103	216
Personal services – allocated	336	1 052	420	1 041	122	341	57	411
Entertainment and recreation services	**2 098**	**1 453**	**3 224**	**2 235**	**482**	**441**	**527**	**481**
Theaters and motion pictures	534	386	1 065	602	136	139	149	119
Bowling alleys, and billiard and pool parlors	266	171	291	311	50	27	87	67
Miscellaneous entertainment and recreation services	1 108	786	1 672	1 171	274	242	226	251
Entertainment and recreation services – allocated	190	110	196	151	22	33	65	44
Professional and related services	**27 993**	**49 199**	**39 432**	**64 872**	**8 401**	**14 819**	**9 576**	**15 808**
Health services	6 511	19 581	7 521	24 042	2 104	6 616	2 456	5 983
Offices of physicians	1 214	2 007	1 680	2 434	360	713	371	570
Offices of dentists	662	1 133	970	1 911	274	323	187	410
Offices of chiropractors	74	47	96	82	8	19	38	40
Hospitals	2 797	11 513	3 235	13 427	1 103	3 800	1 434	3 586
Convalescent institutions	434	3 083	591	4 344	171	1 420	169	1 015
Offices of health practitioners, n.e.c	168	131	130	165	53	41	32	67
Health services, n.e.c	1 162	1 667	819	1 679	135	300	225	295
Legal services	1 305	1 096	1 802	1 387	248	211	296	217
Educational services	12 300	19 971	19 640	28 989	3 813	5 723	4 432	6 818
Elementary and secondary schools	7 912	14 210	10 564	19 418	1 859	3 781	3 335	5 376
Government	6 654	10 894	9 249	15 707	1 529	2 882	2 942	4 480
Private	1 258	3 316	1 315	3 711	330	899	393	896
Colleges and universities	3 904	4 397	8 280	7 648	1 846	1 595	937	1 095
Government	2 247	2 522	7 117	6 195	1 045	797	308	300
Private	1 657	1 875	1 163	1 453	801	798	629	795
Libraries	69	491	158	939	19	142	34	171
Educational services, n.e.c	409	864	633	981	89	205	126	176
Not specified educational services	6	9	5	3	–	–	–	–
Museums, art galleries, and zoos	139	111	75	92	5	15	11	10
Religious organizations	1 491	1 202	1 651	1 248	445	285	423	298
Welfare services	632	1 376	720	1 616	279	378	252	481
Residential welfare facilities	61	183	41	257	158	272	20	77
Nonprofit membership organizations	1 008	1 164	1 569	1 419	249	307	410	399
Engineering and architectural services	1 468	291	3 051	804	389	43	367	57
Accounting, auditing, and bookkeeping services	1 191	964	1 382	1 080	228	232	199	213
Miscellaneous professional and related services	587	427	630	536	65	69	118	97
Professional and related services – allocated	1 300	2 833	1 350	3 402	418	668	592	1 158
Public administration	**12 485**	**4 578**	**18 154**	**7 742**	**4 129**	**1 166**	**6 814**	**2 695**
Postal service	2 856	521	3 822	1 707	1 069	161	1 017	209
Federal public administration	3 119	1 768	4 798	2 592	1 334	485	3 228	1 551
State public administration	1 502	602	2 036	828	413	167	765	346
Local public administration	4 641	1 552	7 053	2 332	1 256	312	1 513	478
Public administration – allocated	367	135	445	283	57	41	291	111

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
THE STATE											
Male, 16 years old and over	**844 055**	**812 931**	**13 946**	**15 220**	**833 800**	**585 211**	**175 792**	**72 797**	**20 891**	**51 205**	**101 581**
Agriculture, forestry, and fisheries	**50 452**	**48 488**	**340**	**3 244**	**49 448**	**28 823**	**11 520**	**9 105**	**2 126**	**4 887**	**15 977**
Agriculture	45 012	43 345	261	3 182	44 149	26 104	10 135	7 910	1 862	4 283	13 735
Forestry and fisheries	5 440	5 143	79	62	5 299	2 719	1 385	1 195	264	604	2 242
Mining	**2 183**	**2 130**	**13**	**13**	**2 163**	**1 385**	**601**	**177**	**154**	**271**	**325**
Construction	**81 473**	**79 428**	**1 106**	**899**	**80 463**	**42 962**	**30 620**	**6 881**	**2 301**	**5 879**	**9 973**
Manufacturing	**240 086**	**231 267**	**4 146**	**3 873**	**238 106**	**183 478**	**42 114**	**12 514**	**5 752**	**13 308**	**19 520**
Durable goods	182 802	175 462	3 540	2 726	181 500	140 252	33 025	8 223	4 226	9 567	12 132
Logging	12 845	12 444	–	81	12 725	5 882	5 875	968	511	1 057	1 267
Sawmills, planing mills, and millwork	26 712	26 173	80	260	26 525	18 001	6 839	1 685	1 344	2 386	2 487
Miscellaneous wood products	2 086	2 031	20	19	2 057	1 453	403	201	43	123	255
Furniture and fixtures	2 600	2 463	34	54	2 590	1 806	626	158	70	222	328
Stone, clay, and glass products	5 884	5 792	41	99	5 803	4 007	1 489	307	169	369	435
Cement, concrete, gypsum, and plaster products	3 800	3 752	22	62	3 762	2 524	1 059	179	133	203	319
Primary iron and steel industries	4 539	4 119	342	108	4 523	3 360	876	287	110	235	408
Primary nonferrous industries	8 737	8 547	110	161	8 720	7 412	1 012	296	125	435	494
Fabricated metal industries, including not specified metal	8 098	7 826	129	120	8 044	5 574	1 940	530	161	466	570
Machinery, except electrical	10 346	10 137	78	132	10 284	7 892	1 814	578	141	462	661
Office, accounting, and computing machines	742	724	–	19	742	587	110	45	5	5	22
Electrical machinery, equipment, and supplies	4 829	4 726	44	74	4 798	3 932	704	162	108	179	279
Radio, television, and communication equipment	1 676	1 627	17	36	1 676	1 413	221	42	16	26	59
Motor vehicles and motor vehicle equipment	2 159	2 124	8	20	2 129	1 659	382	88	29	99	160
Aircraft and parts	53 167	50 531	1 340	989	52 994	47 809	4 313	872	449	1 375	1 655
Other transportation equipment	22 025	20 735	831	366	21 848	16 659	4 151	1 038	616	1 514	1 325
Professional and photographic equipment, and watches	717	703	9	7	717	561	108	48	6	20	60
Ordnance	7 520	7 286	89	134	7 501	6 947	452	102	64	129	273
Miscellaneous manufactures and durable goods – allocated	10 538	9 825	385	102	10 242	7 298	2 041	903	280	496	1 475
Nondurable goods	56 731	55 286	576	1 133	56 053	42 867	8 936	4 250	1 515	3 716	7 326
Meat products	2 426	2 349	35	104	2 412	1 905	379	128	95	229	264
Canning and preserving produce, seafoods, and beverages	7 789	7 525	100	463	7 699	5 027	1 565	1 107	275	761	2 473
Bakery products	1 396	1 351	18	34	1 391	1 136	211	44	31	59	107
Other food industries	5 633	5 445	71	100	5 537	4 134	1 003	400	171	357	641
Yarn, thread, and fabric mills	291	282	9	–	291	221	37	33	17	66	30
Other textile mill products	218	207	–	–	218	131	63	24	–	10	12
Apparel and other fabricated textile products	1 381	1 312	12	29	1 357	826	328	203	41	83	118
Paper and allied products	17 248	16 993	124	132	17 148	14 184	2 355	609	426	868	1 182
Printing, publishing, and allied industries	8 931	8 741	67	119	8 749	6 612	1 258	879	146	615	1 101
Chemicals and allied products	6 140	6 042	42	43	6 091	5 161	660	270	153	304	431
Petroleum and coal products	1 584	1 564	–	30	1 576	1 187	321	68	32	79	107
Rubber and miscellaneous plastic products	1 035	1 020	4	21	1 028	767	202	59	13	42	100
Footwear, except rubber	81	69	5	–	81	60	13	8	13	6	14
Other nondurable goods	2 578	2 386	89	58	2 475	1 516	541	418	102	237	746
Not specified manufacturing industries	553	519	30	14	553	359	153	41	11	25	62
Transportation, communications, and other public utilities[1]	**75 731**	**73 055**	**1 521**	**1 288**	**75 201**	**56 728**	**14 030**	**4 443**	**2 446**	**5 723**	**6 812**
Railroads and railway express service	12 214	11 795	191	257	12 112	9 905	1 691	516	714	1 432	895
Street railways and bus lines	3 375	3 298	36	68	3 363	2 476	742	145	83	343	216
Trucking service and warehousing	14 738	14 432	136	339	14 595	10 221	3 298	1 076	290	843	1 380
Water transportation	9 330	8 840	294	194	9 243	4 797	3 486	960	479	1 020	1 322
Air transportation	5 712	5 452	137	108	5 712	4 856	684	172	32	160	345
All other transportation	3 061	2 902	82	84	3 030	1 882	769	379	81	275	319
Communications	9 631	9 471	137	103	9 559	8 143	1 015	401	126	372	562
Electric and gas utilities	9 487	9 212	141	51	9 465	8 313	965	187	265	573	543
Water supply, sanitary services, and other utilities	5 087	4 873	154	69	5 071	4 082	651	338	242	398	548
Wholesale and retail trade	**164 281**	**158 692**	**1 918**	**2 707**	**161 748**	**111 349**	**31 106**	**19 293**	**3 175**	**8 054**	**20 912**
Wholesale trade	47 998	46 639	546	800	47 637	37 870	7 028	2 739	953	2 281	3 808
Food and farm products	11 790	11 428	131	333	11 692	9 075	1 704	913	220	649	1 441
Retail trade	116 283	112 053	1 372	1 907	114 111	73 479	24 078	16 554	2 222	5 773	17 104
Hardware, farm equipment, and building material retailing	8 213	8 127	31	131	8 159	6 054	1 530	575	187	507	958
General merchandise stores	10 892	10 509	183	225	10 746	7 486	1 999	1 261	222	509	1 499
Food stores	19 431	18 841	189	338	18 990	12 343	3 672	2 975	334	927	3 093
Motor vehicles and accessories retailing	16 163	15 920	124	182	16 017	11 879	2 978	1 160	203	514	1 273
Gasoline service stations	13 037	12 790	113	199	12 742	7 107	3 237	2 398	151	351	1 884
Apparel and accessories stores	3 580	3 461	72	77	3 518	2 397	692	429	49	183	600
Furniture, home furnishings, and equipment stores	7 273	7 113	43	134	7 216	5 003	1 527	686	132	321	678
Eating and drinking places	17 616	16 005	275	313	16 970	7 940	4 742	4 288	446	1 368	4 063
Drugstores	2 771	2 663	26	56	2 752	1 941	447	364	41	132	293
Other retail trade	17 307	16 624	316	252	17 001	11 329	3 254	2 418	457	961	2 763
Finance, insurance, and real estate	**34 684**	**34 016**	**262**	**467**	**34 376**	**26 581**	**5 883**	**1 912**	**570**	**1 476**	**2 374**
Banking and credit agencies	8 398	8 205	94	131	8 339	6 999	967	373	110	252	385
Insurance	10 493	10 282	96	163	10 457	8 798	1 339	320	135	241	425
Other finance and real estate	15 793	15 529	72	173	15 580	10 784	3 577	1 219	325	983	1 564
Business and repair services	**29 717**	**28 532**	**640**	**491**	**29 326**	**20 352**	**6 005**	**2 969**	**533**	**1 564**	**3 358**
Advertising	1 311	1 284	–	14	1 292	924	270	98	16	47	119
Commercial research, management, and programing services	4 423	4 271	92	90	4 398	3 770	427	201	49	104	226
Automobile services	9 113	8 757	152	181	8 981	6 223	1 801	957	132	409	1 011
Other business and repair services	14 870	14 220	396	206	14 655	9 435	3 507	1 713	336	1 004	2 002
Personal services	**16 265**	**15 099**	**458**	**398**	**15 846**	**9 125**	**3 552**	**3 169**	**622**	**1 793**	**4 078**
Private households	2 125	2 007	38	48	1 998	328	438	1 232	116	343	1 466
Hotels and lodging places	5 476	5 004	153	131	5 334	2 724	1 520	1 090	168	766	1 386
Laundering, cleaning, and other garment services	2 793	2 540	150	47	2 745	2 027	416	302	119	198	415
Barber and beauty shops	3 273	3 081	57	116	3 218	2 408	636	174	107	298	220
Other personal services	2 598	2 467	60	56	2 551	1 638	542	371	112	188	591
Entertainment and recreation services	**6 985**	**6 573**	**213**	**64**	**6 820**	**3 127**	**2 007**	**1 686**	**162**	**575**	**2 473**
Professional and related services	**90 861**	**87 063**	**1 795**	**1 188**	**89 717**	**57 914**	**23 208**	**8 595**	**1 476**	**3 939**	**8 570**
Health services	17 328	16 348	533	300	17 126	12 189	3 669	1 268	373	957	1 374
Educational services, government	39 495	38 144	607	508	39 065	22 476	12 785	3 804	568	1 354	3 354
Educational services, private	7 811	7 479	126	132	7 685	3 957	2 480	1 248	94	309	865
Welfare, religious, and nonprofit membership organizations	10 416	9 890	337	109	10 273	7 524	1 760	989	251	733	1 429
Other professional and related services	15 811	15 202	192	139	15 568	11 768	2 514	1 286	190	586	1 548
Public administration[1]	**51 117**	**48 385**	**1 517**	**581**	**50 586**	**43 387**	**5 146**	**2 053**	**1 574**	**3 736**	**7 209**
Postal service	8 565	7 902	404	98	8 549	7 386	861	302	238	423	649
Federal public administration	18 124	16 995	556	263	17 793	15 390	1 672	731	830	1 975	3 588
State and local public administration	23 074	22 237	475	215	22 915	19 620	2 370	925	434	1 184	2 299
Unemployed persons, last worked 1959 or earlier[2]	**220**	**203**	**17**	**7**	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
THE STATE—Continued											
Female, 16 years old and over	**489 653**	**468 309**	**10 324**	**7 621**	**463 328**	**231 270**	**133 313**	**98 745**	**48 509**	**130 569**	**158 298**
Agriculture, forestry, and fisheries	**9 487**	**8 979**	**54**	**750**	**8 711**	**3 215**	**2 071**	**3 425**	**1 076**	**3 607**	**10 054**
Agriculture	8 614	8 139	54	750	7 884	2 851	1 810	3 223	959	3 216	9 542
Forestry and fisheries	873	840	–	–	827	364	261	202	117	391	512
Mining	**218**	**218**	–	–	**208**	**131**	**31**	**46**	**42**	**63**	**94**
Construction	**5 118**	**5 013**	**61**	**72**	**4 853**	**2 893**	**1 186**	**774**	**465**	**1 254**	**1 386**
Manufacturing	**56 683**	**53 232**	**1 475**	**1 320**	**54 197**	**31 583**	**13 317**	**9 297**	**6 389**	**17 535**	**17 740**
Durable goods	30 817	29 229	948	370	29 728	20 364	6 201	3 163	2 876	8 122	6 276
Logging	498	494	4	–	483	247	142	94	64	161	147
Sawmills, planing mills, and millwork	2 256	2 195	25	15	2 156	1 228	666	262	233	668	461
Miscellaneous wood products	387	383	4	–	364	214	94	56	30	91	84
Furniture and fixtures	949	919	6	16	918	565	251	102	72	193	269
Stone, clay, and glass products	844	844	–	13	826	510	193	123	42	232	182
Cement, concrete, gypsum, and plaster products	323	323	–	7	313	212	63	38	10	74	56
Primary iron and steel industries	264	247	17	–	264	183	34	47	10	60	29
Primary nonferrous industries	421	410	11	–	421	311	89	21	31	87	53
Fabricated metal industries, including not specified metal	983	963	9	5	937	578	198	161	107	282	259
Machinery, except electrical	1 366	1 342	19	13	1 337	835	357	145	113	432	407
Office, accounting, and computing machines	195	181	14	–	195	122	60	13	28	68	90
Electrical machinery, equipment, and supplies	2 275	2 163	50	18	2 200	1 232	617	351	331	925	649
Radio, television, and communication equipment	785	738	19	18	755	428	225	102	58	246	167
Motor vehicles and motor vehicle equipment	253	243	5	5	248	152	59	37	45	64	92
Aircraft and parts	13 578	12 673	582	187	13 211	10 354	2 056	801	1 159	3 288	1 733
Other transportation equipment	2 080	1 991	56	30	2 048	1 378	383	287	162	449	419
Professional and photographic equipment, and watches	389	356	12	6	369	224	78	67	34	125	140
Ordnance	1 384	1 335	44	7	1 349	1 106	175	68	174	405	143
Miscellaneous manufactures and durable goods—allocated	2 890	2 671	104	55	2 597	1 247	809	541	269	660	1 209
Nondurable goods	25 603	23 764	521	934	24 224	11 108	7 022	6 094	3 472	9 321	11 378
Meat products	950	911	13	19	909	516	254	139	161	334	311
Canning and preserving produce, seafoods, and beverages	5 893	5 672	68	524	5 489	1 049	1 752	2 688	1 200	3 094	4 931
Bakery products	567	555	8	11	555	262	183	110	114	249	164
Other food industries	1 588	1 509	22	59	1 498	708	433	357	290	647	662
Yarn, thread, and fabric mills	262	245	4	–	256	98	70	88	65	153	120
Other textile mill products	319	271	22	8	309	133	104	72	58	176	82
Apparel and other fabricated textile products	4 743	3 870	115	232	4 441	2 096	1 544	801	489	1 488	1 563
Paper and allied products	3 251	3 124	72	20	3 176	2 019	775	382	308	791	644
Printing, publishing, and allied industries	4 710	4 599	21	38	4 451	2 519	1 078	854	391	1 302	1 482
Chemicals and allied products	1 011	959	38	7	992	666	229	97	113	300	260
Petroleum and coal products	104	104	–	–	95	66	17	12	21	51	29
Rubber and miscellaneous plastic products	525	525	–	–	512	221	149	142	57	187	224
Footwear, except rubber	55	55	–	5	47	41	6	–	16	66	28
Other nondurable goods	1 625	1 365	138	11	1 494	714	428	352	189	483	878
Not specified manufacturing industries	263	239	6	16	245	111	94	40	41	92	86
Transportation, communications, and other public utilities[1]	**23 881**	**23 089**	**481**	**238**	**23 047**	**13 449**	**5 736**	**3 862**	**2 375**	**5 564**	**5 147**
Railroads and railway express service	1 003	979	14	21	974	733	198	43	156	214	125
Street railways and bus lines	1 481	1 447	18	6	1 417	283	824	310	38	192	157
Trucking service and warehousing	3 559	3 526	11	25	3 444	1 270	887	1 287	330	922	1 439
Water transportation	803	781	12	23	778	460	196	122	26	159	264
Air transportation	3 297	3 150	48	52	3 269	2 140	827	302	199	519	465
All other transportation	1 146	1 111	10	7	1 096	604	311	181	81	279	273
Communications	9 295	8 886	332	79	8 968	5 908	1 880	1 180	1 176	2 446	1 637
Electric and gas utilities	1 697	1 641	4	7	1 671	1 227	264	180	223	400	263
Water supply, sanitary services, and other utilities	649	638	11	–	630	439	99	92	61	157	103
Wholesale and retail trade	**123 676**	**119 979**	**1 295**	**1 479**	**116 136**	**55 371**	**31 779**	**28 986**	**13 771**	**40 435**	**48 466**
Wholesale trade	15 869	15 317	133	246	15 229	8 082	3 780	3 367	1 549	4 266	4 968
Food and farm products	5 436	5 226	45	107	5 222	1 820	1 452	1 950	547	1 864	2 341
Retail trade	107 807	104 662	1 162	1 233	100 907	47 289	27 999	25 619	12 222	36 169	43 498
Hardware, farm equipment, and building material retailing	2 233	2 222	11	6	2 142	1 380	416	346	182	586	600
General merchandise stores	25 359	24 669	383	293	23 958	11 841	6 077	6 040	3 362	9 155	9 782
Food stores	12 752	12 401	105	144	12 128	6 383	3 101	2 644	1 339	3 874	3 972
Motor vehicles and accessories retailing	2 809	2 788	6	46	2 693	1 725	575	393	274	739	787
Gasoline service stations	847	822	5	6	807	464	139	204	76	202	348
Apparel and accessories stores	7 258	7 041	98	105	7 010	3 579	1 853	1 578	837	2 452	2 909
Furniture, home furnishings, and equipment stores	3 165	3 106	33	18	3 070	1 703	733	634	226	741	973
Eating and drinking places	32 509	31 397	269	427	29 752	10 752	9 737	9 263	3 762	12 742	15 634
Drugstores	4 488	4 435	11	39	4 333	2 347	1 038	948	500	1 357	1 459
Other retail trade	16 387	15 781	241	149	15 014	7 115	4 330	3 569	1 664	4 321	7 034
Finance, insurance, and real estate	**36 780**	**35 891**	**365**	**547**	**35 428**	**21 507**	**8 435**	**5 486**	**3 717**	**8 368**	**8 130**
Banking and credit agencies	15 789	15 430	180	288	15 298	9 824	3 477	1 997	1 448	3 616	3 178
Insurance	10 693	10 392	98	113	10 308	6 344	2 332	1 632	1 382	2 548	2 109
Other finance and real estate	10 298	10 069	87	146	9 822	5 339	2 626	1 857	887	2 204	2 843
Business and repair services	**11 789**	**11 378**	**254**	**180**	**10 973**	**5 435**	**2 874**	**2 664**	**953**	**3 108**	**4 261**
Advertising	671	667	–	–	627	347	129	151	50	142	234
Commercial research, management, and programing services	2 383	2 312	44	29	2 157	1 028	546	583	135	652	763
Automobile services	971	956	5	25	919	540	212	167	50	145	325
Other business and repair services	7 764	7 443	205	126	7 270	3 520	1 987	1 763	718	2 169	2 939
Personal services	**40 808**	**37 824**	**1 719**	**629**	**37 435**	**15 250**	**10 812**	**11 373**	**4 480**	**11 753**	**15 713**
Private households	14 696	13 782	602	177	13 015	3 282	3 827	5 906	1 667	4 046	7 131
Hotels and lodging places	8 289	7 810	253	138	7 686	3 470	2 096	2 120	1 090	3 176	3 778
Laundering, cleaning, and other garment services	5 406	4 787	324	124	5 220	2 856	1 384	980	732	1 748	1 444
Barber and beauty shops	7 034	6 675	179	108	6 708	3 469	2 118	1 121	585	1 722	1 334
Other personal services	5 383	4 770	361	82	4 806	2 173	1 387	1 246	406	1 061	2 026
Entertainment and recreation services	**5 181**	**5 025**	**63**	**47**	**4 807**	**1 494**	**1 598**	**1 715**	**573**	**1 471**	**2 879**
Professional and related services	**152 907**	**146 008**	**3 763**	**2 152**	**146 711**	**66 681**	**51 939**	**28 091**	**11 884**	**31 740**	**37 584**
Health services	57 694	54 619	1 785	815	55 221	32 138	13 172	9 911	5 181	13 776	14 447
Educational services, government	53 836	51 737	1 019	653	52 355	16 829	25 554	9 972	3 803	9 944	11 200
Educational services, private	13 963	13 513	247	215	13 433	3 645	6 562	3 226	776	2 540	3 686
Welfare, religious, and nonprofit membership organizations	11 476	10 945	329	169	11 005	6 218	2 736	2 051	838	2 826	3 291
Other professional and related services	15 938	15 194	383	300	14 697	7 851	3 915	2 931	1 286	2 654	4 960
Public administration[1]	**21 917**	**20 547**	**777**	**195**	**20 822**	**14 261**	**3 535**	**3 026**	**2 784**	**5 671**	**6 844**
Postal service	3 227	2 969	188	–	3 164	2 075	588	501	204	719	879
Federal public administration	7 840	7 267	229	77	7 274	5 211	1 167	896	1 446	2 486	1 818
State and local public administration	10 186	9 776	261	101	9 828	6 690	1 625	1 513	1 014	2 266	3 703
Unemployed persons, last worked 1959 or earlier[2]	**1 208**	**1 126**	**17**	**12**	...	...	...	...	...	...	...

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

Table 185. **Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
PORTLAND, OREG.–WASH., SMSA											
Male, 16 years old and over	**260 375**	**251 960**	**4 902**	**3 408**	**257 363**	**178 482**	**57 018**	**21 863**	**6 170**	**14 233**	**27 591**
Agriculture, forestry, and fisheries	**8 582**	**8 228**	**148**	**163**	**8 317**	**4 452**	**2 029**	**1 836**	**395**	**1 034**	**3 351**
Agriculture	7 575	7 273	106	150	7 321	3 750	1 834	1 737	379	961	3 110
Forestry and fisheries	1 007	955	42	13	996	702	195	99	16	73	241
Mining	**625**	**598**	**15**	**14**	**621**	**378**	**208**	**35**	**26**	**12**	**123**
Construction	**24 647**	**24 183**	**295**	**280**	**24 491**	**13 420**	**9 164**	**1 907**	**739**	**1 564**	**2 674**
Manufacturing	**67 169**	**65 246**	**1 381**	**895**	**66 570**	**48 849**	**13 670**	**4 051**	**1 440**	**3 250**	**5 669**
Durable goods	46 986	45 536	1 078	649	46 588	33 468	10 401	2 719	970	2 165	3 463
Logging	1 523	1 513	–	–	1 484	540	798	146	82	137	171
Sawmills, planing mills, and millwork	4 979	4 884	15	98	4 933	3 155	1 425	353	272	418	574
Miscellaneous wood products	824	806	18	27	804	557	202	45	15	43	92
Furniture and fixtures	1 983	1 942	24	47	1 962	1 404	409	149	53	154	192
Stone, clay, and glass products	1 644	1 604	30	35	1 633	1 101	421	111	30	77	134
Cement, concrete, gypsum, and plaster products	834	815	15	21	828	545	247	36	30	45	70
Primary iron and steel industries	3 454	3 141	295	46	3 454	2 723	572	159	24	125	132
Primary nonferrous industries	2 980	2 804	164	29	2 970	2 498	375	97	66	130	128
Fabricated metal industries, including not specified metal	6 131	5 967	122	86	6 067	4 354	1 281	432	75	193	509
Machinery, except electrical	6 629	6 515	82	80	6 616	5 177	1 147	292	100	185	314
Office, accounting, and computing machines	237	229	8	–	237	199	23	15	–	–	5
Electrical machinery, equipment, and supplies	5 569	5 459	48	93	5 555	4 600	777	178	28	111	179
Radio, television, and communication equipment	371	371	–	–	362	286	76	–	5	5	22
Motor vehicles and motor vehicle equipment	2 300	2 245	52	22	2 291	1 854	336	101	10	44	92
Aircraft and parts	583	583	–	–	583	492	82	9	34	34	38
Other transportation equipment	3 668	3 552	100	72	3 622	1 834	1 506	282	80	263	319
Professional and photographic equipment, and watches	811	807	–	14	807	682	120	5	9	13	29
Ordnance	53	42	11	–	53	28	14	11	–	–	10
Miscellaneous manufactures and durable goods – allocated	3 855	3 672	117	–	3 754	2 469	936	349	92	238	550
Nondurable goods	19 923	19 460	298	246	19 722	15 187	3 221	1 314	470	1 063	2 171
Meat products	696	674	22	14	691	541	118	32	19	40	80
Canning and preserving produce, seafoods, and beverages	1 804	1 767	7	–	1 798	1 138	363	297	80	149	673
Bakery products	966	934	28	6	955	721	210	24	9	40	43
Other food industries	1 632	1 603	14	31	1 626	1 257	293	76	41	118	146
Yarn, thread, and fabric mills	236	230	–	–	229	184	23	22	4	41	39
Other textile mill products	212	212	–	19	206	153	44	9	9	17	20
Apparel and other fabricated textile products	1 120	1 096	14	16	1 091	789	181	121	26	78	127
Paper and allied products	6 091	5 961	111	60	6 058	5 135	740	183	98	276	277
Printing, publishing, and allied industries	3 398	3 335	33	72	3 370	2 553	545	272	76	161	312
Chemicals and allied products	1 878	1 848	30	8	1 872	1 568	254	50	42	67	90
Petroleum and coal products	276	263	13	8	271	175	72	24	–	26	32
Rubber and miscellaneous plastic products	649	631	–	8	639	402	190	47	–	21	47
Footwear, except rubber	51	51	–	–	51	46	–	5	–	–	8
Other nondurable goods	914	855	26	4	865	525	188	152	66	29	277
Not specified manufacturing industries	260	250	5	–	260	194	48	18	–	22	35
Transportation, communications, and other public utilities[1]	**28 213**	**27 130**	**832**	**362**	**28 046**	**21 501**	**5 406**	**1 139**	**983**	**1 872**	**1 831**
Railroads and railway express service	4 980	4 580	344	163	4 932	3 968	808	156	295	557	320
Street railways and bus lines	1 195	1 159	32	–	1 195	782	325	88	51	95	110
Trucking service and warehousing	7 586	7 466	69	56	7 582	5 639	1 622	321	130	312	357
Water transportation	2 923	2 756	124	40	2 892	1 578	1 122	192	162	268	331
Air transportation	1 097	1 059	28	26	1 097	943	125	29	19	29	44
All other transportation	927	924	3	10	922	581	260	81	33	71	78
Communications	2 877	2 782	80	26	2 877	2 541	285	51	55	91	99
Electric and gas utilities	3 745	3 669	61	18	3 724	3 319	338	67	132	249	148
Water supply, sanitary services, and other utilities	1 480	1 430	13	8	1 470	1 180	211	79	36	93	166
Wholesale and retail trade	**58 679**	**56 819**	**746**	**729**	**57 857**	**40 352**	**11 142**	**6 363**	**1 088**	**2 562**	**6 428**
Wholesale trade	21 799	21 356	237	296	21 648	17 581	3 063	1 004	328	740	1 386
Food and farm products	3 591	3 527	40	54	3 580	3 011	428	141	106	193	267
Retail trade	36 880	35 463	509	433	36 209	22 771	8 079	5 359	760	1 822	5 042
Hardware, farm equipment, and building material retailing	2 006	1 995	5	26	1 981	1 474	353	154	103	162	218
General merchandise stores	3 349	3 238	67	48	3 292	2 195	699	398	109	197	462
Food stores	6 231	6 017	86	35	6 115	4 222	1 135	758	80	304	771
Motor vehicles and accessories retailing	5 328	5 251	50	11	5 254	3 632	1 243	379	48	189	462
Gasoline service stations	3 773	3 699	42	74	3 718	1 903	1 073	742	65	109	594
Apparel and accessories stores	1 189	1 168	17	41	1 178	815	246	117	31	35	179
Furniture, home furnishings, and equipment stores	2 544	2 480	23	32	2 530	1 721	562	247	40	109	171
Eating and drinking places	6 313	5 691	119	81	6 072	2 753	1 521	1 798	111	328	1 399
Drugstores	771	747	–	32	765	550	132	83	14	31	117
Other retail trade	5 376	5 177	100	53	5 304	3 506	1 115	683	159	358	669
Finance, insurance, and real estate	**12 273**	**12 045**	**155**	**113**	**12 159**	**9 239**	**2 211**	**709**	**237**	**464**	**678**
Banking and credit agencies	3 371	3 262	76	20	3 365	2 710	510	145	44	122	72
Insurance	4 252	4 175	52	51	4 218	3 396	647	175	38	96	93
Other finance and real estate	4 650	4 608	27	42	4 576	3 133	1 054	389	155	246	513
Business and repair services	**10 658**	**10 337**	**224**	**78**	**10 529**	**7 046**	**2 364**	**1 119**	**182**	**546**	**1 186**
Advertising	436	431	5	–	436	277	105	54	6	37	74
Commercial research, management, and programing services	803	784	–	8	800	549	189	62	4	9	49
Automobile services	3 666	3 574	70	33	3 620	2 385	857	378	48	170	377
Other business and repair services	5 753	5 548	149	37	5 673	3 835	1 213	625	124	330	686
Personal services	**5 343**	**4 929**	**223**	**113**	**5 193**	**3 002**	**1 243**	**948**	**203**	**527**	**1 192**
Private households	728	683	13	8	679	153	146	380	15	57	378
Hotels and lodging places	1 709	1 514	94	41	1 670	827	537	306	72	239	481
Laundering, cleaning, and other garment services	885	845	25	10	863	673	135	55	37	76	92
Barber and beauty shops	1 031	970	35	28	1 014	711	229	74	32	58	50
Other personal services	990	917	56	26	967	638	196	133	47	97	191
Entertainment and recreation services	**2 270**	**2 155**	**74**	**32**	**2 215**	**1 077**	**617**	**521**	**30**	**140**	**628**
Professional and related services	**28 635**	**27 653**	**490**	**414**	**28 310**	**17 848**	**7 766**	**2 696**	**410**	**1 234**	**2 393**
Health services	6 622	6 260	183	84	6 532	4 388	1 606	538	138	370	516
Educational services, government	9 287	9 056	152	111	9 161	5 016	3 445	700	81	285	620
Educational services, private	3 280	3 199	26	78	3 242	1 581	1 104	557	37	113	333
Welfare, religious, and nonprofit membership organizations	3 317	3 180	75	50	3 295	2 403	517	375	79	246	401
Other professional and related services	6 129	5 958	54	91	6 080	4 460	1 094	526	75	220	523
Public administration[1]	**13 215**	**12 578**	**319**	**215**	**13 055**	**11 318**	**1 198**	**539**	**437**	**1 028**	**1 438**
Postal service	2 934	2 699	122	38	2 895	2 570	220	105	72	177	146
Federal public administration	3 632	3 408	73	68	3 560	3 002	341	217	169	429	611
State and local public administration	6 277	6 125	116	109	6 233	5 487	544	202	160	406	528
Unemployed persons, last worked 1959 or earlier[2]	**66**	**59**	–	–	...	...	...	...	...	...	...

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

Table 185. **Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
PORTLAND, OREG.–WASH., SMSA—Continued											
Female, 16 years old and over	**164 048**	**157 954**	**3 714**	**1 796**	**156 863**	**78 845**	**47 437**	**30 581**	**14 624**	**37 552**	**46 015**
Agriculture, forestry, and fisheries	**2 681**	**2 500**	**45**	**22**	**2 516**	**1 153**	**675**	**688**	**280**	**731**	**2 447**
Agriculture	2 285	2 137	22	22	2 130	868	601	661	256	670	2 330
Forestry and fisheries	396	363	23	–	386	285	74	27	24	61	117
Mining	**47**	**47**	–	–	**47**	**25**	**13**	**9**	**5**	**22**	**12**
Construction	**1 983**	**1 962**	**15**	**29**	**1 902**	**1 141**	**502**	**259**	**120**	**367**	**486**
Manufacturing	**23 714**	**22 906**	**387**	**309**	**22 945**	**12 686**	**6 227**	**4 032**	**2 057**	**5 786**	**6 980**
Durable goods	12 300	12 016	157	129	12 055	7 243	3 174	1 638	644	2 186	2 566
Logging	81	74	–	–	81	42	27	12	4	9	24
Sawmills, planing mills, and millwork	691	691	–	–	684	449	169	66	47	179	152
Miscellaneous wood products	175	175	–	–	159	90	54	15	10	45	37
Furniture and fixtures	594	588	6	8	576	326	159	91	34	106	179
Stone, clay, and glass products	249	240	4	–	245	122	96	27	12	66	81
Cement, concrete, gypsum, and plaster products	64	59	–	–	64	50	9	5	–	14	26
Primary iron and steel industries	387	361	16	–	387	298	57	32	15	14	72
Primary nonferrous industries	188	188	–	–	188	152	36	–	12	37	43
Fabricated metal industries, including not specified metal	912	885	24	8	885	515	252	118	61	110	248
Machinery, except electrical	1 383	1 350	18	12	1 361	834	364	163	55	241	210
Office, accounting, and computing machines	36	30	6	–	30	–	30	–	–	23	12
Electrical machinery, equipment, and supplies	4 581	4 467	55	95	4 515	2 718	1 132	665	175	704	722
Radio, television, and communication equipment	321	305	5	–	315	208	97	10	31	58	88
Motor vehicles and motor vehicle equipment	253	253	–	–	253	149	84	20	22	21	58
Aircraft and parts	95	95	–	–	91	50	37	4	22	69	21
Other transportation equipment	257	253	–	–	253	143	65	45	18	64	78
Professional and photographic equipment, and watches	1 175	1 158	10	–	1 167	759	248	160	63	210	263
Ordnance	60	50	6	–	60	30	26	4	5	–	11
Miscellaneous manufactures and durable goods—allocated	1 219	1 188	18	6	1 150	566	368	216	89	311	367
Nondurable goods	11 270	10 755	225	180	10 754	5 370	3 024	2 360	1 398	3 580	4 384
Meat products	288	279	5	–	268	143	83	42	25	116	79
Canning and preserving produce, seafoods, and beverages	1 168	1 141	14	18	1 091	215	256	620	300	934	1 601
Bakery products	506	473	21	–	499	239	177	83	83	103	87
Other food industries	647	625	17	14	616	285	204	127	85	160	239
Yarn, thread, and fabric mills	311	300	11	–	304	148	91	65	9	54	98
Other textile mill products	388	383	–	6	373	212	97	64	72	165	77
Apparel and other fabricated textile products	3 620	3 379	71	87	3 453	1 765	1 035	653	388	1 089	993
Paper and allied products	1 376	1 339	21	23	1 350	875	321	154	121	237	224
Printing, publishing, and allied industries	1 624	1 590	13	18	1 570	850	392	328	161	341	387
Chemicals and allied products	453	430	–	14	420	262	109	49	54	125	122
Petroleum and coal products	22	22	–	–	22	22	–	–	11	–	4
Rubber and miscellaneous plastic products	240	229	–	–	234	102	93	39	8	72	115
Footwear, except rubber	9	9	–	–	9	9	–	–	6	6	–
Other nondurable goods	618	556	52	–	545	243	166	136	75	178	358
Not specified manufacturing industries	144	135	5	–	136	73	29	34	15	20	30
Transportation, communications, and other public utilities[1]	**7 913**	**7 568**	**272**	**62**	**7 661**	**5 010**	**1 727**	**924**	**735**	**1 627**	**1 237**
Railroads and railway express service	463	432	31	–	448	340	98	10	74	152	59
Street railways and bus lines	459	459	–	–	459	84	286	89	22	60	44
Trucking service and warehousing	1 251	1 220	9	22	1 240	898	208	134	84	188	189
Water transportation	246	242	–	6	246	162	61	23	11	31	56
Air transportation	356	342	14	6	346	242	82	22	41	63	62
All other transportation	320	310	–	–	304	190	61	53	32	87	60
Communications	3 473	3 270	175	28	3 356	2 188	761	407	379	786	524
Electric and gas utilities	885	864	21	–	866	677	73	116	84	185	102
Water supply, sanitary services, and other utilities	149	149	–	–	145	122	3	20	–	30	13
Wholesale and retail trade	**39 576**	**38 494**	**463**	**382**	**37 501**	**18 619**	**10 593**	**8 289**	**4 332**	**11 263**	**13 632**
Wholesale trade	6 665	6 463	124	74	6 403	4 071	1 449	883	585	1 334	1 594
Food and farm products	1 109	1 086	6	20	1 080	678	270	132	147	391	368
Retail trade	32 911	32 031	339	308	31 098	14 548	9 144	7 406	3 747	9 929	12 038
Hardware, farm equipment, and building material retailing	506	502	–	6	506	274	143	89	47	175	167
General merchandise stores	8 052	7 880	87	92	7 679	3 873	2 064	1 742	1 176	2 884	3 049
Food stores	4 028	3 939	38	20	3 862	2 032	1 076	754	373	1 104	1 160
Motor vehicles and accessories retailing	1 036	1 020	6	15	1 008	612	201	195	80	235	222
Gasoline service stations	228	221	–	–	210	130	44	36	32	32	102
Apparel and accessories stores	2 180	2 118	33	36	2 103	1 031	621	451	208	628	658
Furniture, home furnishings, and equipment stores	958	936	6	–	926	483	236	207	81	169	287
Eating and drinking places	9 495	9 131	113	99	8 841	3 276	3 087	2 478	948	3 029	3 942
Drugstores	1 217	1 217	–	6	1 196	520	361	315	183	327	360
Other retail trade	5 211	5 067	56	34	4 767	2 317	1 311	1 139	619	1 346	2 091
Finance, insurance, and real estate	**14 239**	**13 935**	**161**	**165**	**13 749**	**8 337**	**3 539**	**1 873**	**1 448**	**2 741**	**2 733**
Banking and credit agencies	6 000	5 880	64	58	5 864	3 620	1 461	783	576	1 176	1 028
Insurance	4 795	4 710	38	67	4 675	2 916	1 150	609	472	925	841
Other finance and real estate	3 444	3 345	59	40	3 210	1 801	928	481	400	640	864
Business and repair services	**4 586**	**4 390**	**128**	**36**	**4 301**	**2 050**	**1 242**	**1 009**	**303**	**975**	**1 698**
Advertising	266	266	–	–	266	156	52	58	38	59	140
Commercial research, management, and programing services	744	704	30	7	677	225	217	235	34	107	291
Automobile services	401	396	–	–	392	232	97	63	29	74	118
Other business and repair services	3 175	3 024	98	29	2 966	1 437	876	653	202	735	1 149
Personal services	**11 938**	**11 113**	**641**	**151**	**11 247**	**4 691**	**3 368**	**3 188**	**1 299**	**3 205**	**4 181**
Private households	3 905	3 596	282	32	3 651	879	1 123	1 649	412	1 057	1 588
Hotels and lodging places	2 365	2 237	81	37	2 242	1 077	620	545	324	778	892
Laundering, cleaning, and other garment services	1 688	1 580	71	35	1 626	922	445	259	214	490	495
Barber and beauty shops	2 211	2 123	66	22	2 126	1 120	663	343	182	522	465
Other personal services	1 769	1 577	141	25	1 602	693	517	392	167	358	741
Entertainment and recreation services	**1 600**	**1 561**	**28**	**11**	**1 467**	**473**	**487**	**507**	**121**	**423**	**782**
Professional and related services	**50 614**	**48 597**	**1 409**	**569**	**48 886**	**21 529**	**18 202**	**9 155**	**3 314**	**9 166**	**10 507**
Health services	20 195	19 342	606	278	19 534	10 954	5 318	3 262	1 439	3 935	4 227
Educational services, government	14 377	13 810	422	110	14 013	3 962	7 508	2 543	944	2 536	2 709
Educational services, private	6 010	5 756	135	69	5 871	1 596	2 812	1 463	276	1 016	1 248
Welfare, religious, and nonprofit membership organizations	4 054	3 894	112	58	3 901	2 075	1 092	734	203	665	883
Other professional and related services	5 978	5 795	134	54	5 567	2 942	1 472	1 153	452	1 014	1 440
Public administration[1]	**4 799**	**4 544**	**150**	**60**	**4 641**	**3 131**	**862**	**648**	**610**	**1 246**	**1 320**
Postal service	567	519	22	–	545	339	131	75	43	146	178
Federal public administration	1 888	1 770	61	31	1 806	1 224	279	303	261	455	315
State and local public administration	2 204	2 123	59	23	2 167	1 508	415	244	265	594	683
Unemployed persons, last worked 1959 or earlier[2]	**358**	**337**	**15**	–	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
SEATTLE-EVERETT SMSA											
Male, 16 years old and over	**378 559**	**358 456**	**9 498**	**6 278**	**374 613**	**265 274**	**80 416**	**28 923**	**6 956**	**17 385**	**37 372**
Agriculture, forestry, and fisheries	**6 622**	**6 010**	**96**	**81**	**6 421**	**3 195**	**1 867**	**1 359**	**341**	**822**	**2 654**
Agriculture	5 377	4 807	96	68	5 211	2 757	1 416	1 038	258	608	2 009
Forestry and fisheries	1 245	1 203	–	13	1 210	438	451	321	83	214	645
Mining	**579**	**565**	**8**	**6**	**574**	**281**	**236**	**57**	**61**	**84**	**94**
Construction	**34 283**	**33 178**	**667**	**374**	**33 899**	**17 287**	**13 964**	**2 648**	**670**	**1 880**	**3 805**
Manufacturing	**120 372**	**114 405**	**2 977**	**2 047**	**119 553**	**96 067**	**18 398**	**5 088**	**1 951**	**4 473**	**7 388**
Durable goods	101 885	96 820	2 638	1 742	101 289	82 561	15 008	3 720	1 469	3 352	5 012
Logging	1 573	1 502	–	8	1 534	560	838	136	55	146	217
Sawmills, planing mills, and millwork	5 303	5 236	8	48	5 261	3 597	1 296	368	334	508	471
Miscellaneous wood products	790	751	9	8	777	517	165	95	16	14	70
Furniture and fixtures	1 099	1 049	11	22	1 094	745	279	70	24	87	117
Stone, clay, and glass products	3 156	3 101	25	46	3 122	2 161	820	141	66	117	164
Cement, concrete, gypsum, and plaster products	1 887	1 866	10	22	1 868	1 225	574	69	43	54	100
Primary iron and steel industries	2 517	2 241	214	73	2 507	1 768	572	167	72	130	230
Primary nonferrous industries	393	365	17	7	393	323	51	19	6	27	75
Fabricated metal industries, including not specified metal	5 072	4 849	116	86	5 046	3 519	1 1[illegible]3	334	87	232	252
Machinery, except electrical	5 702	5 535	69	102	5 676	4 355	1 [illegible]	308	47	217	313
Office, accounting, and computing machines	534	516	–	13	534	411	94	29	–	5	14
Electrical machinery, equipment, and supplies	3 434	3 339	44	67	3 417	2 809	450	118	55	62	151
Radio, television, and communication equipment	1 419	1 375	17	29	1 419	1 167	210	42	11	10	28
Motor vehicles and motor vehicle equipment	1 314	1 283	4	20	1 299	1 001	258	40	16	38	102
Aircraft and parts	48 459	46 097	1 149	903	48 314	43 687	3 858	769	328	1 018	1 254
Other transportation equipment	10 102	9 162	646	190	10 006	6 805	2 612	589	224	505	667
Professional and photographic equipment, and watches	515	501	9	7	515	417	63	35	–	10	42
Ordnance	6 872	6 656	75	114	6 861	6 408	372	81	21	56	218
Miscellaneous manufactures and durable goods—allocated	5 584	5 153	242	41	5 467	3 889	1 128	450	118	185	669
Nondurable goods	18 156	17 272	321	299	17 933	13 292	3 293	1 348	471	1 106	2 348
Meat products	792	741	25	37	792	597	149	46	39	48	50
Canning and preserving produce, seafoods, and beverages	1 635	1 497	43	48	1 622	1 116	289	217	85	241	629
Bakery products	859	827	5	34	854	668	157	29	16	19	53
Other food industries	2 235	2 113	36	18	2 196	1 691	365	140	70	117	217
Yarn, thread, and fabric mills	104	100	4	–	104	79	15	10	10	18	–
Other textile mill products	155	144	–	–	155	95	41	19	–	5	7
Apparel and other fabricated textile products	841	772	12	22	836	504	233	99	22	33	58
Paper and allied products	3 684	3 557	72	25	3 661	2 962	589	110	87	157	350
Printing, publishing, and allied industries	4 723	4 565	52	91	4 655	3 421	800	434	55	303	433
Chemicals and allied products	1 370	1 352	–	15	1 352	1 009	257	86	38	57	162
Petroleum and coal products	260	249	–	9	260	211	49	–	8	25	19
Rubber and miscellaneous plastic products	539	530	4	–	532	405	87	40	–	8	42
Footwear, except rubber	56	44	5	–	56	39	13	4	9	–	14
Other nondurable goods	903	781	63	–	858	495	249	114	32	75	314
Not specified manufacturing industries	331	313	18	6	331	214	97	20	11	15	28
Transportation, communications, and other public utilities[1]	**34 834**	**33 069**	**1 093**	**635**	**34 599**	**25 762**	**6 873**	**1 964**	**960**	**2 171**	**2 795**
Railroads and railway express service	3 809	3 600	99	60	3 784	3 017	628	139	227	410	292
Street railways and bus lines	1 759	1 733	21	34	1 753	1 395	296	62	41	117	102
Trucking service and warehousing	6 305	6 110	103	111	6 233	4 469	1 373	391	79	260	456
Water transportation	5 119	4 740	248	142	5 078	2 542	2 037	499	264	622	750
Air transportation	4 404	4 174	137	108	4 404	3 791	517	96	14	101	198
All other transportation	1 909	1 796	61	70	1 889	1 145	475	269	29	131	156
Communications	5 052	4 934	99	48	5 018	4 250	594	174	85	157	228
Electric and gas utilities	3 334	3 141	103	30	3 322	2 870	395	57	67	159	197
Water supply, sanitary services, and other utilities	1 809	1 679	114	32	1 809	1 439	254	116	84	83	152
Wholesale and retail trade	**77 775**	**73 730**	**1 269**	**1 562**	**76 704**	**52 181**	**15 999**	**8 524**	**1 345**	**3 190**	**8 825**
Wholesale trade	25 964	24 918	403	503	25 795	20 586	3 995	1 214	435	929	1 580
Food and farm products	5 021	4 791	82	196	4 995	4 044	739	212	75	186	439
Retail trade	51 811	48 812	866	1 059	50 909	31 595	12 004	7 310	910	2 261	7 245
Hardware, farm equipment, and building material retailing	2 672	2 631	25	25	2 669	1 883	591	195	39	104	263
General merchandise stores	5 734	5 489	127	147	5 652	4 079	1 015	558	89	246	636
Food stores	8 607	8 179	103	261	8 468	5 341	1 857	1 270	158	372	1 360
Motor vehicles and accessories retailing	6 410	6 295	61	101	6 384	4 749	1 273	362	79	175	423
Gasoline service stations	5 481	5 318	79	97	5 382	2 776	1 644	962	70	104	811
Apparel and accessories stores	1 674	1 595	44	41	1 633	1 019	406	208	22	78	281
Furniture, home furnishings, and equipment stores	3 208	3 106	28	73	3 188	2 092	820	276	74	116	293
Eating and drinking places	9 311	8 079	176	180	8 966	3 985	2 670	2 311	189	629	1 944
Drugstores	1 242	1 179	6	36	1 237	850	240	147	12	66	107
Other retail trade	7 472	6 941	217	98	7 330	4 821	1 488	1 021	178	371	1 127
Finance, insurance, and real estate	**19 134**	**18 668**	**156**	**345**	**18 962**	**14 447**	**3 546**	**969**	**263**	**749**	**1 234**
Banking and credit agencies	4 321	4 192	47	100	4 285	3 484	603	198	57	119	195
Insurance	6 084	5 942	58	96	6 066	5 057	853	156	64	127	235
Other finance and real estate	8 729	8 534	51	149	8 611	5 906	2 090	615	142	503	804
Business and repair services	**13 649**	**12 907**	**419**	**194**	**13 518**	**8 897**	**3 163**	**1 458**	**196**	**505**	**1 380**
Advertising	760	745	–	7	755	540	154	61	11	21	66
Commercial research, management, and programing services	1 509	1 458	29	38	1 505	1 159	240	106	15	36	89
Automobile services	4 027	3 796	102	51	3 963	2 649	875	439	58	149	380
Other business and repair services	7 353	6 908	288	98	7 295	4 549	1 894	852	112	299	845
Personal services	**7 479**	**6 623**	**341**	**166**	**7 324**	**4 058**	**1 790**	**1 476**	**235**	**570**	**1 693**
Private households	873	801	34	24	830	139	216	475	27	122	585
Hotels and lodging places	2 534	2 162	117	45	2 473	1 163	784	526	76	222	586
Laundering, cleaning, and other garment services	1 397	1 205	118	21	1 392	1 026	205	161	36	72	182
Barber and beauty shops	1 420	1 287	29	53	1 389	990	314	85	30	104	94
Other personal services	1 255	1 168	43	23	1 240	740	271	229	66	50	246
Entertainment and recreation services	**3 705**	**3 356**	**192**	**24**	**3 637**	**1 567**	**1 184**	**886**	**60**	**223**	**1 132**
Professional and related services	**40 719**	**38 272**	**1 178**	**631**	**40 269**	**25 551**	**11 087**	**3 631**	**489**	**1 549**	**3 648**
Health services	7 714	7 078	356	167	7 652	4 986	2 027	639	132	336	673
Educational services, government	16 893	16 033	388	252	16 745	9 518	5 716	1 511	193	516	1 279
Educational services, private	3 119	2 946	61	76	3 068	1 587	1 066	415	31	157	371
Welfare, religious, and nonprofit membership organizations	4 232	3 889	232	54	4 163	2 869	891	403	71	269	569
Other professional and related services	8 761	8 326	141	82	8 641	6 591	1 387	663	62	271	756
Public administration[1]	**19 308**	**17 579**	**1 096**	**213**	**19 153**	**15 981**	**2 309**	**863**	**385**	**1 169**	**2 724**
Postal service	3 945	3 375	359	63	3 938	3 236	509	193	66	149	332
Federal public administration	5 595	5 031	344	67	5 515	4 683	565	267	185	602	1 360
State and local public administration	9 288	8 734	352	83	9 224	7 715	1 153	356	111	337	804
Unemployed persons, last worked 1959 or earlier[2]	**100**	**94**	**6**	**–**	...	...	...	...	...	...	...

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

Table 185. **Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
SEATTLE–EVERETT SMSA—Continued											
Female, 16 years old and over	**226 035**	**211 970**	**7 161**	**3 224**	**216 407**	**110 484**	**65 975**	**39 948**	**21 482**	**55 822**	**60 016**
Agriculture, forestry, and fisheries	**1 516**	**1 362**	**29**	**10**	**1 368**	**617**	**393**	**358**	**183**	**681**	**972**
Agriculture	1 455	1 301	29	10	1 307	580	381	346	161	583	907
Forestry and fisheries	61	61	–	–	61	37	12	12	22	98	65
Mining	**94**	**94**	–	–	**94**	**68**	**15**	**11**	**25**	**25**	**36**
Construction	**2 471**	**2 378**	**53**	**24**	**2 371**	**1 340**	**654**	**377**	**232**	**552**	**619**
Manufacturing	**31 072**	**28 603**	**1 081**	**494**	**30 087**	**19 511**	**7 006**	**3 570**	**3 089**	**8 349**	**6 457**
Durable goods	21 567	20 322	793	251	20 957	14 930	4 097	1 930	1 807	5 018	3 271
Logging	63	63	–	–	63	25	30	8	16	40	20
Sawmills, planing mills, and millwork	463	450	8	–	454	268	127	59	59	175	86
Miscellaneous wood products	116	116	–	–	116	49	40	27	14	34	15
Furniture and fixtures	366	366	–	–	366	200	121	45	34	50	90
Stone, clay, and glass products	544	544	–	13	540	365	92	83	19	128	68
Cement, concrete, gypsum, and plaster products	195	195	–	7	195	129	40	26	–	39	21
Primary iron and steel industries	126	118	8	–	126	78	10	38	6	39	6
Primary nonferrous industries	64	60	4	–	64	26	22	16	20	29	13
Fabricated metal industries, including not specified metal	688	678	4	5	657	396	143	118	73	177	107
Machinery, except electrical	785	761	19	–	765	428	253	84	64	189	186
Office, accounting, and computing machines	132	118	14	–	132	84	40	8	19	30	43
Electrical machinery, equipment, and supplies	1 805	1 711	41	18	1 750	1 029	486	235	170	499	287
Radio, television, and communication equipment	721	683	14	18	695	408	208	79	31	163	89
Motor vehicles and motor vehicle equipment	209	204	5	5	209	128	48	33	36	59	56
Aircraft and parts	12 558	11 719	539	161	12 263	9 657	1 884	722	954	2 797	1 403
Other transportation equipment	711	669	30	25	701	398	186	117	50	140	173
Professional and photographic equipment, and watches	273	249	12	–	267	162	56	49	18	52	67
Ordnance	1 179	1 139	35	7	1 155	960	139	56	152	327	111
Miscellaneous manufactures and durable goods—allocated	1 617	1 475	88	17	1 461	761	460	240	122	283	583
Nondurable goods	9 370	8 164	282	236	9 004	4 525	2 854	1 625	1 282	3 295	3 157
Meat products	421	392	13	19	388	220	112	56	61	122	73
Canning and preserving produce, seafoods, and beverages	673	620	–	14	625	219	191	215	238	605	652
Bakery products	278	271	3	11	273	139	95	39	49	116	73
Other food industries	679	635	–	15	654	356	174	124	130	249	217
Yarn, thread, and fabric mills	90	84	–	–	84	28	37	19	23	56	39
Other textile mill products	153	105	22	–	147	81	51	15	26	44	53
Apparel and other fabricated textile products	2 365	1 692	81	140	2 246	954	892	400	256	749	714
Paper and allied products	1 258	1 170	47	6	1 234	704	353	177	130	345	257
Printing, publishing, and allied industries	2 129	2 053	11	13	2 056	1 160	548	348	201	525	550
Chemicals and allied products	308	298	6	7	305	182	87	36	43	152	93
Petroleum and coal products	27	27	–	–	27	20	–	7	10	34	14
Rubber and miscellaneous plastic products	298	298	–	–	298	137	93	68	28	75	109
Footwear, except rubber	24	24	–	5	24	24	–	–	5	32	10
Other nondurable goods	667	495	99	6	643	301	221	121	82	191	303
Not specified manufacturing industries	135	117	6	7	126	56	55	15	–	36	29
Transportation, communications, and other public utilities[1]	**13 244**	**12 620**	**383**	**158**	**12 891**	**8 125**	**3 250**	**1 516**	**1 101**	**2 566**	**1 979**
Railroads and railway express service	479	455	14	16	469	342	118	9	80	84	46
Street railways and bus lines	791	770	15	–	745	177	426	142	14	57	65
Trucking service and warehousing	1 069	1 046	6	–	1 030	641	218	171	95	236	224
Water transportation	558	536	12	17	543	345	129	69	17	83	117
Air transportation	2 889	2 759	48	39	2 873	1 942	706	225	146	345	314
All other transportation	751	716	10	7	717	378	203	136	40	121	150
Communications	5 295	4 992	248	54	5 162	3 387	1 178	597	532	1 302	774
Electric and gas utilities	764	724	4	7	758	559	113	86	104	185	119
Water supply, sanitary services, and other utilities	274	269	5	–	269	199	43	27	35	55	35
Wholesale and retail trade	**55 368**	**53 044**	**774**	**733**	**52 788**	**25 569**	**15 623**	**11 596**	**5 793**	**16 618**	**18 937**
Wholesale trade	8 115	7 755	91	98	7 847	4 819	1 938	1 090	728	1 869	1 632
Food and farm products	1 557	1 468	30	13	1 498	822	398	278	173	536	389
Retail trade	47 253	45 289	683	635	44 941	20 750	13 685	10 506	5 065	14 749	17 305
Hardware, farm equipment, and building material retailing	758	752	6	–	741	461	154	126	70	187	214
General merchandise stores	12 022	11 614	213	135	11 614	5 899	3 134	2 581	1 570	4 159	4 583
Food stores	5 486	5 206	66	79	5 220	2 579	1 496	1 145	570	1 540	1 440
Motor vehicles and accessories retailing	1 059	1 048	6	5	1 016	642	266	108	106	291	337
Gasoline service stations	328	308	5	–	328	180	68	80	14	82	110
Apparel and accessories stores	3 498	3 369	61	64	3 416	1 633	1 025	758	340	1 046	1 325
Furniture, home furnishings, and equipment stores	1 356	1 322	18	18	1 338	690	326	322	75	330	381
Eating and drinking places	13 216	12 548	153	224	12 274	4 281	4 451	3 542	1 345	4 700	5 648
Drugstores	1 911	1 877	6	25	1 870	1 033	484	353	210	569	502
Other retail trade	7 619	7 245	149	85	7 124	3 352	2 281	1 491	765	1 845	2 765
Finance, insurance, and real estate	**21 110**	**20 369**	**294**	**376**	**20 401**	**11 996**	**5 365**	**3 040**	**2 181**	**4 656**	**4 014**
Banking and credit agencies	8 315	7 998	160	202	8 100	4 994	2 065	1 041	826	1 933	1 410
Insurance	7 009	6 769	75	98	6 791	4 157	1 643	991	875	1 560	1 106
Other finance and real estate	5 786	5 602	59	76	5 510	2 845	1 657	1 008	480	1 163	1 498
Business and repair services	**6 552**	**6 263**	**183**	**100**	**6 179**	**2 791**	**1 815**	**1 573**	**521**	**1 520**	**2 378**
Advertising	482	478	–	–	455	248	94	113	40	77	160
Commercial research, management, and programing services	962	930	20	14	868	277	310	281	63	270	419
Automobile services	520	510	–	–	492	283	130	79	19	34	131
Other business and repair services	4 588	4 345	163	86	4 364	1 983	1 281	1 100	399	1 139	1 668
Personal services	**15 970**	**14 092**	**1 202**	**249**	**14 900**	**5 952**	**4 786**	**4 162**	**1 800**	**4 380**	**5 245**
Private households	5 244	4 644	427	89	4 756	1 204	1 562	1 990	660	1 406	2 095
Hotels and lodging places	3 183	2 845	217	55	2 979	1 274	993	712	398	1 110	1 333
Laundering, cleaning, and other garment services	2 489	2 138	200	37	2 433	1 249	687	497	342	750	620
Barber and beauty shops	2 922	2 665	138	41	2 797	1 378	927	492	250	726	458
Other personal services	2 132	1 800	220	27	1 935	847	617	471	150	388	739
Entertainment and recreation services	**2 487**	**2 390**	**53**	**11**	**2 326**	**721**	**792**	**813**	**317**	**630**	**1 161**
Professional and related services	**67 280**	**62 768**	**2 575**	**979**	**65 026**	**28 527**	**24 744**	**11 755**	**5 279**	**13 785**	**15 468**
Health services	24 988	22 909	1 249	430	24 108	13 394	6 543	4 171	2 181	5 766	5 855
Educational services, government	23 474	22 181	637	232	22 944	7 234	11 629	4 081	1 766	4 529	4 440
Educational services, private	6 251	5 949	193	114	6 069	1 590	3 177	1 302	364	1 098	1 663
Welfare, religious, and nonprofit membership organizations	4 790	4 396	269	95	4 640	2 472	1 344	824	325	1 234	1 374
Other professional and related services	7 777	7 333	227	108	7 265	3 837	2 051	1 377	643	1 158	2 136
Public administration[1]	**8 282**	**7 441**	**534**	**85**	**7 976**	**5 267**	**1 532**	**1 177**	**961**	**2 060**	**2 750**
Postal service	1 849	1 625	167	–	1 807	1 191	357	259	69	393	474
Federal public administration	2 804	2 547	111	49	2 689	1 936	425	328	524	907	727
State and local public administration	3 332	3 057	188	36	3 212	2 019	673	520	322	688	1 374
Unemployed persons, last worked 1959 or earlier[2]	**589**	**546**	–	**5**	...	...	...	...	...	...	...

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

Table 185. **Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
SPOKANE SMSA											
Male, 16 years old and over	**65 481**	**64 322**	**513**	**647**	**64 483**	**46 779**	**11 638**	**6 066**	**2 336**	**5 381**	**8 613**
Agriculture, forestry, and fisheries	**2 378**	**2 328**	**10**	**18**	**2 351**	**1 458**	**408**	**485**	**212**	**448**	**1 217**
Agriculture	2 315	2 265	10	7	2 288	1 428	397	463	197	417	1 155
Forestry and fisheries	63	63	–	11	63	30	11	22	15	31	62
Mining	**307**	**307**	**–**	**7**	**307**	**231**	**71**	**5**	**26**	**54**	**57**
Construction	**6 083**	**5 988**	**61**	**56**	**5 946**	**3 217**	**2 140**	**589**	**288**	**669**	**913**
Manufacturing	**11 354**	**11 186**	**103**	**43**	**11 201**	**8 651**	**1 823**	**727**	**386**	**958**	**1 126**
Durable goods	8 199	8 061	92	27	8 138	6 327	1 388	423	233	621	620
Logging	154	154	–	–	150	67	61	22	31	25	34
Sawmills, planing mills, and millwork	884	869	–	–	884	569	236	79	69	168	97
Miscellaneous wood products	75	75	–	–	75	47	13	15	5	38	19
Furniture and fixtures	130	130	–	–	130	93	37	–	–	12	26
Stone, clay, and glass products	452	442	5	–	433	310	97	26	21	24	33
Cement, concrete, gypsum, and plaster products	301	291	5	–	301	208	75	18	11	16	33
Primary iron and steel industries	875	846	29	6	875	770	81	24	21	48	13
Primary nonferrous industries	2 395	2 353	26	7	2 388	2 050	277	61	25	160	130
Fabricated metal industries, including not specified metal	522	509	13	14	522	358	140	24	–	14	55
Machinery, except electrical	685	685	–	–	674	545	96	33	21	28	43
Office, accounting, and computing machines	62	62	–	–	62	45	11	6	–	–	8
Electrical machinery, equipment, and supplies	600	600	–	–	595	494	83	18	–	24	21
Radio, television, and communication equipment	63	63	–	–	63	63	–	–	–	–	5
Motor vehicles and motor vehicle equipment	385	385	–	–	380	300	49	31	7	14	18
Aircraft and parts	70	66	4	–	70	21	36	13	7	11	33
Other transportation equipment	315	315	–	–	312	208	75	29	4	–	15
Professional and photographic equipment, and watches	17	17	–	–	17	9	–	8	–	5	–
Ordnance	14	14	–	–	14	14	–	–	–	–	5
Miscellaneous manufactures and durable goods – allocated	626	601	15	–	619	472	107	40	22	50	78
Nondurable goods	3 101	3 077	5	16	3 009	2 298	411	300	153	337	506
Meat products	466	466	–	–	461	397	60	4	36	58	53
Canning and preserving produce, seafoods, and beverages	175	169	–	–	175	141	11	23	15	22	80
Bakery products	138	138	–	–	138	129	5	4	–	15	5
Other food industries	562	562	–	6	539	398	107	34	10	48	57
Yarn, thread, and fabric mills	14	14	–	–	14	5	4	5	–	10	6
Other textile mill products	–	–	–	–	–	–	–	–	–	5	–
Apparel and other fabricated textile products	64	64	–	–	64	18	24	22	–	10	–
Paper and allied products	322	322	–	–	317	265	41	11	27	35	29
Printing, publishing, and allied industries	930	919	5	10	883	650	104	129	36	77	147
Chemicals and allied products	166	166	–	–	166	139	11	16	6	10	26
Petroleum and coal products	66	66	–	–	62	51	11	–	6	–	15
Rubber and miscellaneous plastic products	41	41	–	–	41	30	11	–	–	–	3
Footwear, except rubber	15	15	–	–	15	15	–	–	4	–	–
Other nondurable goods	142	135	–	–	134	60	22	52	13	47	85
Not specified manufacturing industries	54	48	6	–	54	26	24	4	–	–	–
Transportation, communications, and other public utilities[1]	**7 193**	**7 054**	**51**	**64**	**7 156**	**5 931**	**923**	**302**	**341**	**775**	**648**
Railroads and railway express service	2 629	2 557	16	6	2 608	2 220	296	92	159	368	172
Street railways and bus lines	341	322	4	13	341	279	47	15	4	47	4
Trucking service and warehousing	1 578	1 561	12	45	1 567	1 237	250	80	59	105	142
Water transportation	26	26	–	–	26	15	11	–	14	9	32
Air transportation	251	251	–	–	251	196	46	9	–	12	16
All other transportation	256	256	–	–	256	171	76	9	10	6	30
Communications	837	823	14	–	837	737	61	39	–	73	81
Electric and gas utilities	545	540	5	–	545	472	47	26	37	71	50
Water supply, sanitary services, and other utilities	490	484	–	–	485	411	49	25	58	48	54
Wholesale and retail trade	**16 386**	**16 120**	**79**	**184**	**16 153**	**11 738**	**2 529**	**1 886**	**400**	**925**	**1 845**
Wholesale trade	5 528	5 473	13	49	5 475	4 549	642	284	137	303	362
Food and farm products	1 206	1 185	8	13	1 193	912	189	92	21	64	92
Retail trade	10 858	10 647	66	135	10 678	7 189	1 887	1 602	263	622	1 483
Hardware, farm equipment, and building material retailing	730	720	–	–	730	539	119	72	39	78	86
General merchandise stores	1 056	1 017	22	24	1 050	686	218	146	26	57	182
Food stores	1 714	1 686	12	18	1 675	1 178	249	248	32	80	288
Motor vehicles and accessories retailing	1 582	1 560	10	–	1 551	1 217	211	123	29	52	95
Gasoline service stations	1 027	1 015	–	15	999	604	240	155	17	23	168
Apparel and accessories stores	445	434	4	13	434	325	59	50	5	39	62
Furniture, home furnishings, and equipment stores	709	694	–	–	704	507	130	67	–	36	63
Eating and drinking places	1 538	1 486	10	34	1 483	711	352	420	55	129	253
Drugstores	276	271	–	–	271	202	19	50	8	5	45
Other retail trade	1 781	1 764	8	31	1 781	1 220	290	271	52	123	241
Finance, insurance, and real estate	**3 361**	**3 335**	**16**	**31**	**3 329**	**2 768**	**388**	**173**	**93**	**181**	**179**
Banking and credit agencies	883	870	10	18	878	785	67	26	16	44	58
Insurance	1 030	1 023	–	13	1 023	914	65	44	16	20	26
Other finance and real estate	1 448	1 442	6	–	1 428	1 069	256	103	61	117	95
Business and repair services	**3 065**	**3 015**	**13**	**38**	**2 991**	**1 931**	**658**	**402**	**83**	**216**	**417**
Advertising	285	273	–	–	271	180	65	26	–	6	22
Commercial research, management, and programing services	189	185	–	6	184	144	29	11	4	6	22
Automobile services	993	968	9	6	975	656	167	152	20	62	118
Other business and repair services	1 598	1 589	4	26	1 561	951	397	213	59	142	255
Personal services	**1 730**	**1 660**	**24**	**21**	**1 644**	**998**	**344**	**302**	**86**	**222**	**503**
Private households	161	156	–	–	140	15	37	88	15	32	144
Hotels and lodging places	709	678	16	14	674	332	173	169	26	129	212
Laundering, cleaning, and other garment services	283	263	–	–	275	211	47	17	16	19	37
Barber and beauty shops	279	276	3	7	268	238	26	4	24	37	32
Other personal services	298	287	5	–	287	202	61	24	5	5	78
Entertainment and recreation services	**548**	**537**	**6**	**13**	**524**	**252**	**103**	**169**	**10**	**66**	**253**
Professional and related services	**8 676**	**8 471**	**109**	**120**	**8 534**	**5 776**	**1 910**	**848**	**215**	**431**	**812**
Health services	2 173	2 102	38	25	2 147	1 645	318	184	56	134	136
Educational services, government	2 654	2 591	41	38	2 614	1 520	876	218	41	98	295
Educational services, private	1 230	1 204	11	35	1 199	617	370	212	49	44	115
Welfare, religious, and nonprofit membership organizations	1 203	1 184	13	14	1 175	915	134	126	31	80	172
Other professional and related services	1 416	1 390	6	8	1 399	1 079	212	108	38	75	94
Public administration[1]	**4 375**	**4 296**	**41**	**45**	**4 347**	**3 828**	**341**	**178**	**196**	**436**	**643**
Postal service	1 098	1 082	–	7	1 098	968	103	27	48	53	91
Federal public administration	1 489	1 448	34	20	1 467	1 288	122	57	80	233	269
State and local public administration	1 731	1 709	7	18	1 725	1 526	110	89	58	135	253
Unemployed persons, last worked 1959 or earlier[2]	**25**	**25**	**–**	**7**	...	...	...	...	...	...	...

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

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Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
SPOKANE SMSA—Continued											
Female, 16 years old and over	**41 246**	**40 336**	**465**	**383**	**38 372**	**20 182**	**9 824**	**8 366**	**4 350**	**10 836**	**13 493**
Agriculture, forestry, and fisheries	**367**	**367**	–	–	**311**	**129**	**74**	**108**	**48**	**117**	**350**
Agriculture	362	362	–	–	306	124	74	108	43	102	340
Forestry and fisheries	5	5	–	–	5	5	–	–	5	15	10
Mining	**99**	**99**	–	–	**89**	**58**	–	**31**	–	**20**	**10**
Construction	**384**	**384**	–	–	**361**	**217**	**73**	**71**	**37**	**102**	**102**
Manufacturing	**2 142**	**2 084**	**31**	**24**	**1 987**	**1 035**	**521**	**431**	**322**	**725**	**980**
Durable goods	872	839	21	17	819	487	186	146	124	355	314
Logging	8	8	–	–	8	–	–	8	–	6	–
Sawmills, planing mills, and millwork	66	50	9	–	49	22	19	8	16	52	21
Miscellaneous wood products	13	13	–	–	9	4	5	–	–	15	15
Furniture and fixtures	38	38	–	–	33	20	8	5	–	–	14
Stone, clay, and glass products	59	59	–	–	59	29	15	15	9	34	21
Cement, concrete, gypsum, and plaster products	28	28	–	–	28	20	4	4	5	11	5
Primary iron and steel industries	80	71	9	–	80	58	13	9	–	–	14
Primary nonferrous industries	127	124	3	–	127	113	14	–	–	14	11
Fabricated metal industries, including not specified metal	37	37	–	–	37	33	–	4	15	22	20
Machinery, except electrical	61	61	–	–	61	29	21	11	5	29	11
Office, accounting, and computing machines	11	11	–	–	11	–	11	–	5	5	4
Electrical machinery, equipment, and supplies	195	190	–	–	186	86	65	35	16	85	114
Radio, television, and communication equipment	8	8	–	–	4	–	4	–	–	5	4
Motor vehicles and motor vehicle equipment	–	–	–	–	–	–	–	–	5	–	6
Aircraft and parts	19	19	–	–	11	6	–	5	34	27	–
Other transportation equipment	32	32	–	–	32	21	–	11	5	15	7
Professional and photographic equipment, and watches	5	5	–	–	5	–	5	–	–	7	–
Ordnance	–	–	–	–	–	–	–	–	–	9	–
Miscellaneous manufactures and durable goods—allocated	132	132	–	17	122	66	21	35	19	40	60
Nondurable goods	1 255	1 230	10	7	1 153	543	330	280	188	364	657
Meat products	137	137	–	–	137	63	50	24	25	28	63
Canning and preserving produce, seafoods, and beverages	43	43	–	–	43	21	–	22	20	91	90
Bakery products	23	23	–	–	23	13	5	5	–	9	4
Other food industries	116	116	–	–	111	57	22	32	49	24	54
Yarn, thread, and fabric mills	14	14	–	–	14	–	–	14	–	–	6
Other textile mill products	–	–	–	–	–	–	–	–	–	4	–
Apparel and other fabricated textile products	203	203	–	–	174	54	74	46	12	55	131
Paper and allied products	38	29	5	7	29	15	14	–	17	10	8
Printing, publishing, and allied industries	490	478	5	–	449	267	90	92	30	80	195
Chemicals and allied products	82	82	–	–	76	33	33	10	15	9	25
Petroleum and coal products	21	21	–	–	17	5	12	–	–	6	10
Rubber and miscellaneous plastic products	50	50	–	–	42	–	19	23	–	33	8
Footwear, except rubber	4	4	–	–	4	4	–	–	–	–	–
Other nondurable goods	34	30	–	–	34	11	11	12	20	15	63
Not specified manufacturing industries	15	15	–	–	15	5	5	5	10	6	9
Transportation, communications, and other public utilities[1]	**1 385**	**1 351**	**25**	–	**1 313**	**876**	**269**	**168**	**195**	**419**	**395**
Railroads and railway express service	157	157	–	–	149	121	23	5	16	40	15
Street railways and bus lines	28	23	–	–	24	5	14	5	–	20	17
Trucking service and warehousing	121	121	–	–	121	79	22	20	32	41	67
Water transportation	–	–	–	–	–	–	–	–	–	5	5
Air transportation	43	43	–	–	35	9	14	12	9	33	51
All other transportation	69	69	–	–	64	50	14	–	10	5	27
Communications	651	632	19	–	614	408	122	84	88	191	133
Electric and gas utilities	153	149	–	–	149	109	30	10	20	24	10
Water supply, sanitary services, and other utilities	87	81	6	–	81	64	4	13	–	4	6
Wholesale and retail trade	**10 835**	**10 625**	**90**	**141**	**9 957**	**5 199**	**2 362**	**2 396**	**1 478**	**3 632**	**4 537**
Wholesale trade	1 328	1 309	4	27	1 251	910	201	140	117	357	430
Food and farm products	311	305	–	–	292	199	48	45	19	122	101
Retail trade	9 507	9 316	86	114	8 706	4 289	2 161	2 256	1 361	3 275	4 107
Hardware, farm equipment, and building material retailing	95	95	–	–	90	43	29	18	31	27	59
General merchandise stores	2 692	2 615	46	53	2 494	1 267	548	679	503	1 065	1 209
Food stores	964	945	10	13	898	484	250	164	99	305	319
Motor vehicles and accessories retailing	278	273	–	6	260	169	78	13	28	38	80
Gasoline service stations	75	70	–	–	65	19	15	31	–	19	61
Apparel and accessories stores	677	662	10	10	646	350	137	159	120	290	287
Furniture, home furnishings, and equipment stores	326	321	5	–	309	178	95	36	25	28	85
Eating and drinking places	2 620	2 587	7	26	2 298	925	629	744	387	985	1 272
Drugstores	419	409	5	–	395	235	77	83	44	156	174
Other retail trade	1 361	1 339	3	6	1 251	619	303	329	124	362	561
Finance, insurance, and real estate	**3 276**	**3 260**	**7**	**34**	**3 150**	**2 077**	**542**	**531**	**331**	**584**	**792**
Banking and credit agencies	1 450	1 438	7	13	1 388	993	224	171	139	274	330
Insurance	907	903	–	–	872	564	162	146	102	129	147
Other finance and real estate	919	919	–	21	890	520	156	214	90	181	315
Business and repair services	**1 042**	**1 033**	**4**	–	**950**	**468**	**204**	**278**	**100**	**272**	**365**
Advertising	60	60	–	–	60	35	12	13	–	26	27
Commercial research, management, and programing services	132	132	–	–	117	55	25	37	6	72	48
Automobile services	115	115	–	–	110	62	22	26	10	27	24
Other business and repair services	735	726	4	–	663	316	145	202	84	147	266
Personal services	**4 576**	**4 380**	**128**	**41**	**4 087**	**1 680**	**1 119**	**1 288**	**472**	**1 298**	**1 777**
Private households	1 786	1 696	67	5	1 522	394	459	669	177	482	871
Hotels and lodging places	955	942	13	8	877	436	179	262	142	380	410
Laundering, cleaning, and other garment services	496	457	11	–	470	264	119	87	75	145	103
Barber and beauty shops	679	662	5	22	633	340	179	114	39	175	122
Other personal services	660	623	32	6	585	246	183	156	39	116	271
Entertainment and recreation services	**497**	**492**	–	**6**	**464**	**195**	**102**	**167**	**37**	**117**	**246**
Professional and related services	**15 328**	**14 987**	**174**	**127**	**14 601**	**7 446**	**4 411**	**2 744**	**1 137**	**3 130**	**3 444**
Health services	6 798	6 642	63	52	6 484	4 024	1 303	1 157	562	1 496	1 426
Educational services, government	3 970	3 850	91	28	3 826	1 384	1 751	691	342	755	799
Educational services, private	1 931	1 885	20	27	1 834	611	775	448	70	280	400
Welfare, religious, and nonprofit membership organizations	1 315	1 300	–	–	1 263	764	286	213	95	356	389
Other professional and related services	1 314	1 310	–	20	1 194	663	296	235	68	243	430
Public administration[1]	**1 234**	**1 204**	**6**	**10**	**1 102**	**802**	**147**	**153**	**193**	**420**	**495**
Postal service	161	161	–	–	161	120	14	27	8	55	40
Federal public administration	524	502	–	–	420	299	69	52	74	183	104
State and local public administration	508	500	6	–	485	351	60	74	111	172	326
Unemployed persons, last worked 1959 or earlier[2]	**81**	**70**	–	–	...	...	...	...	...	...	...

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

Table 185. **Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
TACOMA SMSA											
Male, 16 years old and over	**84 768**	**81 091**	**2 354**	**1 063**	**83 592**	**57 423**	**19 213**	**6 956**	**2 215**	**5 777**	**9 737**
Agriculture, forestry, and fisheries	**2 442**	**2 302**	**27**	**22**	**2 361**	**1 110**	**733**	**518**	**144**	**388**	**1 008**
Agriculture	2 079	1 939	27	14	2 011	1 013	644	354	125	332	851
Forestry and fisheries	363	363	-	8	350	97	89	164	19	56	157
Mining	**172**	**163**	**5**	**-**	**172**	**120**	**52**	**-**	**-**	**27**	**16**
Construction	**8 935**	**8 703**	**124**	**76**	**8 811**	**4 708**	**3 432**	**671**	**205**	**623**	**873**
Manufacturing	**21 714**	**20 687**	**716**	**318**	**21 477**	**16 406**	**4 052**	**1 019**	**613**	**1 418**	**1 853**
Durable goods	15 916	15 079	588	283	15 753	11 910	3 200	643	428	1 022	1 254
Logging	643	643	-	-	643	301	323	19	29	77	101
Sawmills, planing mills, and millwork	2 746	2 668	62	45	2 718	1 862	700	156	144	243	249
Miscellaneous wood products	337	321	11	-	332	253	62	17	5	20	21
Furniture and fixtures	636	604	23	14	636	491	131	14	31	57	78
Stone, clay, and glass products	551	539	7	19	546	352	157	37	-	24	77
Cement, concrete, gypsum, and plaster products	458	446	7	6	453	302	120	31	-	9	64
Primary iron and steel industries	581	470	99	19	575	421	111	43	12	30	45
Primary nonferrous industries	1 236	1 161	50	39	1 231	985	167	79	32	113	57
Fabricated metal industries, including not specified metal	601	597	-	-	596	361	211	24	26	67	42
Machinery, except electrical	810	798	-	9	806	608	171	27	11	53	79
Office, accounting, and computing machines	24	24	-	-	24	24	-	-	-	-	-
Electrical machinery, equipment, and supplies	278	270	-	-	273	211	57	5	4	10	15
Radio, television, and communication equipment	69	64	-	-	69	63	6	-	-	-	-
Motor vehicles and motor vehicle equipment	184	180	4	-	178	136	42	-	6	20	-
Aircraft and parts	3 683	3 431	174	79	3 664	3 341	288	35	32	77	207
Other transportation equipment	2 271	2 182	61	42	2 241	1 649	517	75	44	128	77
Professional and photographic equipment, and watches	49	49	-	-	49	39	10	-	-	5	-
Ordnance	196	196	-	-	196	175	21	-	5	32	21
Miscellaneous manufactures and durable goods – allocated	1 114	970	97	17	1 069	725	232	112	47	66	185
Nondurable goods	5 763	5 579	122	35	5 689	4 467	852	370	185	396	585
Meat products	370	359	6	-	370	292	67	11	16	28	45
Canning and preserving produce, seafoods, and beverages	407	397	10	-	400	280	87	33	22	57	111
Bakery products	169	156	13	-	169	153	5	11	10	20	11
Other food industries	696	666	20	8	685	552	100	33	34	25	52
Yarn, thread, and fabric mills	14	9	5	-	14	14	-	-	-	5	9
Other textile mill products	11	11	-	-	11	11	-	-	-	-	5
Apparel and other fabricated textile products	90	90	-	7	86	58	17	11	9	11	22
Paper and allied products	1 413	1 363	37	5	1 383	1 164	176	43	15	86	123
Printing, publishing, and allied industries	1 010	992	10	-	998	789	138	71	14	65	88
Chemicals and allied products	929	900	14	-	922	789	101	32	41	33	26
Petroleum and coal products	172	172	-	-	172	85	51	36	9	-	19
Rubber and miscellaneous plastic products	143	137	-	8	143	86	38	19	5	5	25
Footwear, except rubber	-	-	-	-	-	-	-	-	-	-	-
Other nondurable goods	339	327	7	7	336	194	72	70	10	61	49
Not specified manufacturing industries	35	29	6	-	35	29	-	6	-	-	14
Transportation, communications, and other public utilities[1]	**7 928**	**7 618**	**235**	**134**	**7 864**	**5 605**	**1 732**	**527**	**312**	**705**	**624**
Railroads and railway express service	1 448	1 414	34	32	1 432	1 120	232	80	114	234	86
Street railways and bus lines	470	449	11	15	464	289	136	39	7	39	31
Trucking service and warehousing	1 337	1 331	6	13	1 331	917	308	106	24	115	85
Water transportation	1 128	1 081	20	28	1 112	473	508	131	84	70	140
Air transportation	366	358	-	-	366	278	70	18	5	10	43
All other transportation	320	299	16	14	309	186	97	26	-	46	36
Communications	872	853	19	18	872	716	113	43	-	32	40
Electric and gas utilities	1 006	983	18	14	1 006	849	114	43	30	70	40
Water supply, sanitary services, and other utilities	410	399	11	-	410	373	30	7	33	46	25
Wholesale and retail trade	**17 710**	**17 091**	**354**	**155**	**17 433**	**11 399**	**3 757**	**2 277**	**287**	**864**	**2 260**
Wholesale trade	4 687	4 563	84	41	4 671	3 634	763	274	89	228	342
Food and farm products	1 197	1 164	18	14	1 192	928	175	89	27	55	120
Retail trade	13 023	12 528	270	114	12 762	7 765	2 994	2 003	198	636	1 918
Hardware, farm equipment, and building material retailing	718	707	6	6	706	502	141	63	24	50	116
General merchandise stores	1 262	1 216	27	-	1 237	786	258	193	37	61	151
Food stores	2 194	2 127	41	6	2 145	1 411	418	316	26	128	282
Motor vehicles and accessories retailing	1 954	1 893	37	7	1 939	1 226	553	160	16	73	194
Gasoline service stations	1 367	1 329	24	14	1 337	729	342	266	15	34	171
Apparel and accessories stores	387	367	15	12	387	265	65	57	-	4	49
Furniture, home furnishings, and equipment stores	957	936	15	28	948	632	188	128	17	23	64
Eating and drinking places	1 868	1 715	42	34	1 804	721	620	463	30	132	550
Drugstores	328	307	11	-	328	215	56	57	6	31	20
Other retail trade	1 988	1 931	52	7	1 931	1 278	353	300	27	100	321
Finance, insurance, and real estate	**3 798**	**3 682**	**78**	**46**	**3 760**	**2 858**	**696**	**206**	**40**	**140**	**246**
Banking and credit agencies	1 012	971	31	5	1 012	872	114	26	11	13	48
Insurance	1 162	1 109	38	29	1 162	951	164	47	5	42	49
Other finance and real estate	1 624	1 602	9	12	1 586	1 035	418	133	24	85	149
Business and repair services	**2 657**	**2 528**	**100**	**53**	**2 638**	**1 633**	**750**	**255**	**61**	**194**	**353**
Advertising	96	96	-	7	96	66	25	5	-	-	9
Commercial research, management, and programing services	192	192	-	-	192	125	43	24	-	6	16
Automobile services	963	917	23	16	958	612	252	94	23	45	99
Other business and repair services	1 406	1 323	77	30	1 392	830	430	132	38	143	229
Personal services	**1 449**	**1 322**	**66**	**51**	**1 418**	**814**	**355**	**249**	**66**	**235**	**328**
Private households	265	241	4	-	253	51	47	155	10	54	146
Hotels and lodging places	294	275	15	18	284	123	104	57	15	78	77
Laundering, cleaning, and other garment services	342	311	26	19	337	235	82	20	18	45	31
Barber and beauty shops	373	339	14	14	369	289	72	8	6	17	11
Other personal services	175	156	7	-	175	116	50	9	17	41	63
Entertainment and recreation services	**601**	**588**	**7**	**-**	**582**	**270**	**177**	**135**	**17**	**67**	**252**
Professional and related services	**9 851**	**9 308**	**348**	**110**	**9 694**	**6 179**	**2 667**	**848**	**143**	**449**	**823**
Health services	2 507	2 319	126	51	2 461	1 883	437	141	30	170	163
Educational services, government	3 410	3 294	86	6	3 372	1 819	1 335	218	77	108	250
Educational services, private	1 111	1 034	40	7	1 104	526	327	251	5	58	136
Welfare, religious, and nonprofit membership organizations	1 146	1 050	64	16	1 120	801	239	80	19	76	162
Other professional and related services	1 677	1 611	32	30	1 637	1 150	329	158	12	37	112
Public administration[1]	**7 480**	**7 074**	**288**	**98**	**7 382**	**6 321**	**810**	**251**	**327**	**667**	**1 101**
Postal service	1 071	1 022	31	5	1 066	916	99	51	40	64	75
Federal public administration	3 778	3 567	144	75	3 707	3 165	412	130	228	431	669
State and local public administration	2 321	2 223	77	18	2 310	2 021	238	51	49	135	225
Unemployed persons, last worked 1959 or earlier[2]	**31**	**25**	**6**	**-**	...	...	...	...	...	...	...

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

Table 185. **Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the 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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
TACOMA SMSA—Continued											
Female, 16 years old and over	**50 527**	**47 349**	**1 808**	**707**	**47 749**	**23 120**	**15 104**	**9 525**	**5 147**	**14 994**	**17 475**
Agriculture, forestry, and fisheries	**939**	**812**	**7**	**8**	**861**	**274**	**228**	**359**	**106**	**349**	**764**
Agriculture	847	720	7	8	773	254	197	322	100	349	734
Forestry and fisheries	92	92	–	–	88	20	31	37	6	–	30
Mining	**4**	**4**	**–**	**–**	**4**	**–**	**4**	**–**	**6**	**4**	**–**
Construction	**454**	**450**	**4**	**28**	**421**	**224**	**124**	**73**	**36**	**126**	**171**
Manufacturing	**5 176**	**4 765**	**152**	**83**	**4 922**	**2 848**	**1 394**	**680**	**661**	**1 887**	**1 929**
Durable goods	2 643	2 471	92	46	2 505	1 595	624	286	271	845	783
Logging	67	67	–	–	67	43	14	10	9	10	5
Sawmills, planing mills, and millwork	520	515	5	5	509	274	165	70	40	65	96
Miscellaneous wood products	85	81	4	–	85	49	23	13	11	17	12
Furniture and fixtures	334	328	6	16	324	199	89	36	34	117	54
Stone, clay, and glass products	94	94	–	–	94	39	48	7	–	18	47
Cement, concrete, gypsum, and plaster products	30	30	–	–	30	22	5	3	–	9	16
Primary iron and steel industries	15	15	–	–	15	10	5	–	–	6	–
Primary nonferrous industries	32	28	4	–	32	23	9	–	–	–	6
Fabricated metal industries, including not specified metal	33	23	5	–	22	5	11	6	10	16	37
Machinery, except electrical	112	112	–	–	108	89	9	10	5	76	61
Office, accounting, and computing machines	24	24	–	–	24	20	4	–	–	24	16
Electrical machinery, equipment, and supplies	63	59	–	–	52	13	25	14	23	113	107
Radio, television, and communication equipment	25	21	–	–	25	8	13	4	–	41	29
Motor vehicles and motor vehicle equipment	5	–	–	–	–	–	–	–	4	5	21
Aircraft and parts	798	732	43	19	756	597	133	26	53	216	140
Other transportation equipment	130	116	9	–	130	76	27	27	8	40	34
Professional and photographic equipment, and watches	26	22	–	6	22	22	–	–	5	10	16
Ordnance	43	34	9	–	43	34	9	–	14	34	5
Miscellaneous manufactures and durable goods—allocated	286	245	7	–	246	122	57	67	55	102	142
Nondurable goods	2 521	2 288	60	37	2 405	1 241	770	394	390	1 032	1 140
Meat products	155	149	–	–	155	88	62	5	26	46	38
Canning and preserving produce, seafoods, and beverages	165	159	–	–	160	47	58	55	93	193	272
Bakery products	118	113	5	–	118	60	38	20	12	50	54
Other food industries	279	262	4	15	261	124	108	29	53	126	85
Yarn, thread, and fabric mills	12	5	–	–	12	–	5	7	10	12	20
Other textile mill products	17	17	–	–	17	5	5	7	16	8	6
Apparel and other fabricated textile products	688	558	19	6	663	349	194	120	97	240	256
Paper and allied products	232	218	14	–	232	135	57	40	5	51	79
Printing, publishing, and allied industries	317	312	–	16	301	164	97	40	24	151	140
Chemicals and allied products	178	168	–	–	168	103	51	14	16	46	26
Petroleum and coal products	10	10	–	–	10	5	–	5	–	6	5
Rubber and miscellaneous plastic products	109	109	–	–	104	42	26	36	4	22	44
Footwear, except rubber	14	14	–	–	6	6	–	–	7	15	5
Other nondurable goods	227	194	18	–	198	113	69	16	27	66	110
Not specified manufacturing industries	12	6	–	–	12	12	–	–	–	10	6
Transportation, communications, and other public utilities[1]	**1 857**	**1 803**	**32**	**13**	**1 793**	**1 112**	**418**	**263**	**201**	**416**	**364**
Railroads and railway express service	109	109	–	–	109	88	15	6	15	30	15
Street railways and bus lines	108	108	–	–	105	5	74	26	–	18	9
Trucking service and warehousing	154	149	5	–	138	96	14	28	5	24	40
Water transportation	36	36	–	–	36	19	17	–	–	9	40
Air transportation	207	195	–	6	207	111	61	35	9	47	34
All other transportation	69	69	–	–	64	29	22	13	5	16	20
Communications	855	818	27	7	835	565	165	105	136	196	150
Electric and gas utilities	152	152	–	–	152	132	11	9	13	35	24
Water supply, sanitary services, and other utilities	44	44	–	–	44	19	11	14	9	9	–
Wholesale and retail trade	**12 977**	**12 355**	**347**	**126**	**12 177**	**5 566**	**3 583**	**3 028**	**1 520**	**4 645**	**5 458**
Wholesale trade	1 327	1 266	33	7	1 264	729	331	204	127	352	392
Food and farm products	309	287	15	–	293	156	80	57	30	70	104
Retail trade	11 650	11 089	314	119	10 913	4 837	3 252	2 824	1 393	4 293	5 066
Hardware, farm equipment, and building material retailing	190	185	5	–	181	90	47	44	14	83	59
General merchandise stores	3 013	2 859	105	26	2 836	1 366	780	690	445	1 141	1 154
Food stores	1 296	1 273	23	15	1 245	683	255	307	132	430	360
Motor vehicles and accessories retailing	305	300	–	7	305	176	74	55	44	81	111
Gasoline service stations	61	61	–	–	55	29	11	15	–	5	51
Apparel and accessories stores	861	814	17	12	825	388	240	197	93	287	378
Furniture, home furnishings, and equipment stores	387	376	5	–	377	239	85	53	20	95	144
Eating and drinking places	3 338	3 159	79	45	3 072	971	1 193	908	387	1 466	1 787
Drugstores	359	355	–	7	341	151	95	95	38	108	118
Other retail trade	1 840	1 707	80	7	1 676	744	472	460	220	597	904
Finance, insurance, and real estate	**3 880**	**3 795**	**53**	**70**	**3 721**	**2 169**	**959**	**593**	**240**	**981**	**915**
Banking and credit agencies	1 729	1 707	13	35	1 651	1 056	411	184	95	352	379
Insurance	881	842	20	7	842	516	184	142	83	304	235
Other finance and real estate	1 270	1 246	20	28	1 228	597	364	267	62	325	301
Business and repair services	**1 034**	**982**	**31**	**21**	**950**	**364**	**327**	**259**	**95**	**424**	**489**
Advertising	44	44	–	–	39	18	17	4	–	24	17
Commercial research, management, and programing services	181	176	5	7	157	47	50	60	5	75	98
Automobile services	71	66	5	–	64	33	10	21	14	30	55
Other business and repair services	738	696	21	14	690	266	250	174	76	295	319
Personal services	**4 270**	**3 730**	**267**	**78**	**3 940**	**1 520**	**1 324**	**1 096**	**403**	**1 182**	**1 674**
Private households	1 434	1 351	39	21	1 293	268	456	569	138	394	667
Hotels and lodging places	521	466	9	7	466	205	143	118	105	179	321
Laundering, cleaning, and other garment services	708	525	109	29	672	366	209	97	76	256	186
Barber and beauty shops	877	829	22	14	843	409	305	129	48	199	214
Other personal services	730	559	88	7	666	272	211	183	36	154	286
Entertainment and recreation services	**517**	**493**	**5**	**19**	**493**	**139**	**137**	**217**	**65**	**201**	**404**
Professional and related services	**16 408**	**15 427**	**709**	**218**	**15 754**	**6 975**	**6 054**	**2 725**	**1 379**	**3 830**	**4 615**
Health services	6 234	5 717	382	98	5 997	3 455	1 656	886	588	1 712	1 940
Educational services, government	5 137	4 913	174	58	5 048	1 566	2 674	808	447	1 108	1 127
Educational services, private	1 853	1 822	18	7	1 777	445	870	462	79	311	509
Welfare, religious, and nonprofit membership organizations	1 304	1 240	29	6	1 238	709	289	240	119	351	359
Other professional and related services	1 880	1 735	106	49	1 694	800	565	329	146	348	680
Public administration[1]	**2 842**	**2 583**	**188**	**36**	**2 713**	**1 929**	**552**	**232**	**435**	**949**	**692**
Postal service	209	188	21	–	198	118	50	30	21	72	54
Federal public administration	1 637	1 483	93	22	1 607	1 242	299	66	318	647	314
State and local public administration	879	826	43	14	831	525	183	123	80	208	263
Unemployed persons, last worked 1959 or earlier[2]	**169**	**150**	**13**	**7**	...	...	...	...	...	...	...

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