

Table 170. Detailed Occupation 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	1 841 284	1 124 893	1 856 661	1 132 597	1 801 709	1 079 251	1 644 125	808 845	1 582 652	762 844
Professional, technical, and kindred workers	299 127	167 231	284 433	157 450	280 736	154 938	195 035	91 791	192 879	90 382
Accountants	26 038	4 421	26 043	4 421	25 800	4 369	21 196	2 360	20 975	2 318
Architects	1 876	53	1 876	53	1 858	53	1 416	17	1 414	17
Computer specialists	11 294	2 434	11 294	2 434	11 150	2 384	379	105	376	101
Computer programmers	6 839	1 882	6 839	1 882	6 737	1 832	265	63	263	61
Computer systems analysts	3 877	477	3 877	477	3 835	477	114	21	113	20
Computer specialists, n.e.c.	578	75	578	75	578	75	-	21	-	20
Engineers	60 348	698	60 352	698	59 402	688	47 016	302	46 588	286
Aeronautical and astronautical	859	5	859	5	794	5	1 407	23	1 379	23
Chemical	5 105	56	5 105	56	5 040	50	3 976	28	3 956	24
Civil	6 270	47	6 274	47	6 197	47	5 437	29	5 324	25
Electrical and electronic	17 297	238	17 297	238	17 090	238	13 947	101	13 925	101
Industrial	8 551	177	8 551	177	8 383	177	5 653	58	5 608	54
Mechanical	9 211	38	9 211	38	8 998	34	8 602	32	8 469	28
Metallurgical and materials	502	14	502	14	493	14	384	-	383	-
Mining	24	-	24	-	24	-	52	-	52	-
Petroleum	103	-	103	-	103	-	101	-	101	-
Sales	3 514	16	3 514	16	3 459	16	3 808	4	3 775	4
Engineers, n.e.c.	8 912	107	8 912	107	8 821	107	3 649	27	3 616	27
Farm management advisors	65	18	65	18	65	18	78	97	78	93
Foresters and conservationists	222	5	222	5	213	5	230	-	222	-
Home management advisors	-	108	-	108	-	108	-	-	-	-
Lawyers and judges	10 916	459	10 916	459	10 882	445	8 294	186	8 247	186
Judges	363	-	363	-	363	-	338	62	337	62
Lawyers	10 553	459	10 553	459	10 519	445	7 956	124	7 910	124
Librarians, archivists, and curators	849	3 655	849	3 668	844	3 636	418	2 159	414	2 148
Librarians	728	3 609	728	3 622	723	3 590	354	2 159	350	2 148
Archivists and curators	121	46	121	46	121	46	64	-	64	-
Mathematical specialists	1 281	572	1 281	572	1 276	561	979	345	972	341
Actuaries	335	90	335	90	335	90	199	-	198	-
Mathematicians	298	83	298	83	298	83	251	50	247	50
Statisticians	648	399	648	399	643	388	529	295	527	291
Life and physical scientists	11 650	1 837	11 653	1 837	11 554	1 793	9 577	857	9 517	837
Agricultural	198	11	198	11	198	11	186	12	186	12
Atmospheric and space	92	5	92	5	92	5	146	-	145	-
Biological	1 032	665	1 032	665	1 028	652	511	236	511	232
Chemists	8 987	1 104	8 990	1 104	8 912	1 073	7 783	566	7 730	550
Geologists	107	5	107	5	107	5	99	8	93	8
Marine	59	-	59	-	59	-	-	-	-	-
Physicists and astronomers	1 153	42	1 153	42	1 136	42	737	24	737	24
Life and physical, n.e.c.	22	5	22	5	22	5	115	11	115	11
Operations and systems researchers and analysts	4 307	353	4 307	353	4 274	346	1 014	21	1 005	20
Personnel and labor relations workers	9 620	3 597	9 620	3 597	9 469	3 555	3 811	1 210	3 753	1 181
Physicians, dentists, and related practitioners	19 125	1 812	19 129	1 812	19 059	1 792	16 421	1 044	16 377	1 036
Chiropractors	344	6	344	6	344	6	266	27	266	27
Dentists	3 827	158	3 827	158	3 827	153	3 478	87	3 472	87
Optometrists	580	19	580	19	576	14	679	8	679	8
Pharmacists	3 358	407	3 358	407	3 342	407	3 302	242	3 284	242
Physicians, medical and osteopathic	10 241	1 152	10 241	1 152	10 195	1 148	8 131	676	8 115	668
Podiatrists	345	33	345	33	345	27	274	-	270	-
Veterinarians	415	31	415	31	415	31	291	4	291	4
Health practitioners, n.e.c.	15	6	15	6	15	6	-	-	-	-
Registered nurses, dietitians, and therapists	1 640	33 282	1 644	33 309	1 620	32 890	865	22 762	843	22 413
Dietitians	59	1 024	59	1 024	59	1 024	61	668	54	654
Registered nurses	709	30 706	709	30 729	704	30 316	417	21 532	405	21 208
Therapists	872	1 552	876	1 556	857	1 550	387	562	384	551
Health technologists and technicians	1 973	5 864	1 973	5 871	1 953	5 745	1 403	2 682	1 389	2 604
Clinical laboratory technologists and technicians	788	2 737	788	2 737	788	2 691	548	1 198	542	1 162
Dental hygienists	22	425	22	425	22	425	-	169	-	164
Health record technologists and technicians	21	248	21	248	21	248	39	260	39	259
Radiologic technologists and technicians	527	1 352	527	1 359	518	1 318	502	712	497	690
Therapy assistants	5	67	5	67	5	63	23	-	23	-
Health technologists and technicians, n.e.c.	610	1 035	610	1 035	604	1 012	291	342	288	329
Religious workers	5 660	708	5 679	708	5 667	699	5 637	1 716	5 618	1 714
Clergymen	5 275	150	5 275	150	5 266	150	4 861	94	4 847	94
Religious workers, n.e.c.	385	558	404	558	401	549	776	1 622	771	1 620
Social scientists	4 828	865	4 828	865	4 780	843	1 891	327	1 863	322
Economists	3 803	315	3 803	315	3 755	303	1 462	145	1 434	140
Political scientists	23	-	23	-	23	-	-	-	-	-
Psychologists	661	480	661	480	661	470	366	151	366	151
Sociologists	54	20	54	20	54	20	-	-	-	-
Urban and regional planners	248	30	248	30	248	30	38	-	38	-
Social scientists, n.e.c.	39	20	39	20	39	20	25	31	25	31
Social and recreation workers	3 803	5 257	3 825	5 287	3 749	5 149	1 524	2 224	1 478	2 125
Social	3 092	4 686	3 092	4 690	3 071	4 594	1 015	1 689	1 008	1 674
Recreation	711	571	733	597	678	555	509	535	470	451
Teachers, college and university	8 127	3 079	8 127	3 079	8 048	3 038	3 866	981	3 827	973
Biology	362	176	362	176	356	170	151	38	150	38
Chemistry	364	76	364	76	364	76	181	26	180	26
Engineering	377	14	377	14	372	14	241	13	240	13
Physics	376	9	376	9	372	9	241	-	240	-
Other life and physical sciences	122	-	122	-	122	-	21	-	20	-
Mathematics	492	86	492	86	487	81	241	26	240	26
Economics	181	21	181	21	181	21	75	13	75	13
English	451	400	451	400	442	396	332	128	330	128
History	390	83	390	83	384	77	196	26	195	26
Miscellaneous social sciences	522	176	522	176	522	171	90	38	90	38
Other specified teachers	1 979	990	1 979	990	1 956	990	1 046	506	1 024	501
Not specified teachers	2 511	1 048	2 511	1 048	2 485	1 033	951	167	943	164

Table 170. Detailed Occupation 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

Professional, technical, and kindred workers—Continued

	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
Teachers, except college and university	32 692	71 669	32 741	71 706	32 515	70 903	16 799	42 944	16 578	42 606
Adult education	884	678	884	678	875	661	932	390	920	381
Elementary school	9 061	44 740	9 074	44 744	8 998	44 263	4 969	28 270	4 924	28 069
Prekindergarten and kindergarten	110	4 585	110	4 585	110	4 523	—	2 321	—	2 301
Secondary school	20 515	18 393	20 535	18 399	20 429	18 204	9 452	9 230	9 360	9 171
Teachers, except college and university, n.e.c.	2 122	3 273	2 138	3 300	2 103	3 252	1 446	2 753	1 374	2 684
Engineering and science technicians	33 657	4 652	33 671	4 662	32 938	4 448	29 258	3 221	28 912	3 065
Agriculture and biological, except health	1 032	706	1 032	706	1 006	668	1 105	708	1 090	673
Chemical	4 645	829	4 654	834	4 601	799	3 355	321	3 321	307
Draftsmen	12 277	742	12 277	747	11 921	713	10 432	495	10 286	458
Electrical and electronic engineering	6 341	441	6 341	441	6 205	396	5 525	358	5 480	351
Industrial engineering	736	190	736	190	736	190	942	117	931	112
Mechanical engineering	342	11	342	11	331	11	855	—	845	—
Mathematical	10	10	10	10	10	10	—	—	—	—
Surveyors	1 661	26	1 666	26	1 601	26	1 064	64	1 043	60
Engineering and science, n.e.c.	6 613	1 697	6 613	1 697	6 527	1 635	5 980	1 158	5 916	1 104
Technicians, except health, and engineering and science	4 801	589	4 806	589	4 716	581	2 353	131	2 293	127
Airplane pilots	2 375	15	2 375	15	2 331	15	1 177	—	1 152	—
Air traffic controllers	392	55	392	55	388	55	257	—	245	—
Embalmers	62	—	62	—	57	—	209	83	208	83
Flight engineers	375	10	375	10	366	10	39	—	37	—
Radio operators	719	244	719	244	711	241	353	48	337	44
Tool programmers, numerical control	99	39	99	39	99	34	146	—	145	—
Technicians, n.e.c.	779	226	784	226	764	226	172	—	169	—
Vocational and educational counselors	1 958	1 562	1 958	1 562	1 953	1 557	834	378	826	368
Writers, artists, and entertainers	23 231	8 722	23 275	8 751	22 681	8 326	17 237	5 093	16 798	4 903
Actors	206	119	211	119	192	84	171	39	137	35
Athletes and kindred workers	948	493	966	498	934	466	586	184	571	183
Authors	543	252	543	252	532	252	1 258	207	1 254	200
Dancers	28	104	28	104	17	90	24	149	20	140
Designers	5 345	1 277	5 345	1 277	5 264	1 206	3 566	691	3 485	668
Editors and reporters	3 875	2 546	3 875	2 546	3 825	2 449	3 144	1 440	3 086	1 398
Musicians and composers	2 131	1 046	2 140	1 051	1 952	1 031	1 715	773	1 625	759
Painters and sculptors	3 379	1 422	3 379	1 422	3 326	1 336	2 693	868	2 645	841
Photographers	2 197	224	2 197	224	2 167	219	1 996	159	1 966	134
Public relations men and publicity writers	2 278	622	2 284	628	2 260	620	1 039	266	1 016	250
Radio and television announcers	234	10	234	10	223	10	607	63	601	61
Writers, artists, and entertainers, n.e.c.	2 067	607	2 073	607	1 989	563	437	254	391	234
Research workers, not specified	4 299	1 022	4 299	1 026	4 270	1 006	2 539	609	2 516	598
Professional, technical, and kindred workers—allocated	14 867	9 938	...	...	...	...	...	...	...	...
Managers and administrators, except farm	221 716	33 537	212 612	32 029	209 847	31 311	188 305	26 244	185 952	25 754
Assessors, controllers, and treasurers, local public administration	560	418	560	418	555	418	643	209	637	208
Bank officers and financial managers	11 940	1 739	11 946	1 739	11 889	1 718	1 005	77	1 000	77
Buyers and shippers, farm products	126	3	126	3	126	3	698	—	693	—
Buyers, wholesale and retail trade	6 455	2 514	6 455	2 514	6 397	2 451	2 438	1 320	2 406	1 280
Credit men	2 001	629	2 001	629	1 971	599	1 466	312	1 433	299
Funeral directors	1 151	90	1 151	90	1 143	87	1 011	—	1 007	—
Health administrators	1 402	988	1 402	988	1 392	983	63	171	62	169
Construction inspectors; public administration	603	12	603	12	598	12	747	14	733	12
Inspectors, except construction; public administration	3 302	151	3 302	151	3 266	151	2 207	66	2 177	57
Federal public administration and postal service	1 660	110	1 660	110	1 628	110	1 283	20	1 263	16
State public administration	1 270	16	1 270	16	1 270	16	654	14	651	12
Local public administration	372	25	372	25	368	25	270	32	263	29
Managers and superintendents, building	1 674	544	1 674	544	1 614	533	921	474	906	460
Officers, pilots, and pursers; ship	1 325	32	1 331	32	1 252	32	1 754	8	1 625	8
Officials and administrators; public administration, n.e.c.	5 474	1 129	5 474	1 129	5 399	1 119	4 645	830	4 620	821
Federal public administration and postal service	2 844	414	2 844	414	2 822	411	1 826	284	1 819	279
State public administration	1 084	268	1 084	268	1 054	261	942	142	941	142
Local public administration	1 546	447	1 546	447	1 523	447	1 877	404	1 860	400
Officials of lodges, societies, and unions	1 822	272	1 822	272	1 806	262	1 410	189	1 388	175
Postmasters and mail superintendents	714	169	714	169	706	169	602	191	602	191
Purchasing agents and buyers, n.e.c.	6 331	1 113	6 331	1 113	6 224	1 085	4 815	475	4 770	473
Railroad conductors	1 370	5	1 404	5	1 399	5	1 882	7	1 854	7
Restaurant, cafeteria, and bar managers	8 252	2 558	8 252	2 558	8 000	2 485	8 129	2 254	7 927	2 219
Sales managers and department heads, retail trade	6 021	1 863	6 021	1 863	5 941	1 797	3 419	1 032	3 376	1 002
Sales managers, except retail trade	13 187	486	13 187	486	13 064	486	3 095	1	3 059	1
School administrators, college	912	189	912	189	912	183	207	74	205	74
School administrators, elementary and secondary	4 057	1 568	4 057	1 568	4 047	1 562	2 467	811	2 453	805
Managers and administrators, n.e.c., salaried	116 047	12 921	116 160	12 927	114 679	12 604	94 446	11 482	93 316	11 226
Construction	8 918	281	8 814	281	8 579	266	5 000	128	4 822	124
Manufacturing	41 382	2 580	41 005	2 538	40 517	2 488	33 933	2 715	33 607	2 655
Transportation	6 291	821	6 291	821	6 240	804	5 347	362	5 295	355
Communications, and utilities and sanitary services	4 944	461	4 880	454	4 851	449	3 859	296	3 841	296
Wholesale trade	9 747	715	9 671	706	9 614	687	7 693	532	7 614	524
Retail trade	19 474	3 047	19 363	3 025	19 141	2 967	14 480	2 182	14 334	2 117
Hardware, farm equipment, and building material retailing	1 177	78	1 177	78	1 166	78	1 282	60	1 269	60
General merchandise stores	2 997	880	3 002	880	2 949	862	2 149	732	2 136	719
Food stores	4 543	466	4 543	466	4 501	445	3 529	236	3 503	232
Motor vehicles and accessories retailing	3 012	239	3 012	239	2 981	235	2 425	119	2 387	119
Gasoline service stations	920	31	924	31	912	31	590	4	583	4
Apparel and accessories stores	1 586	578	1 586	578	1 568	568	1 369	608	1 345	576
Furniture, home furnishings, and equipment stores	1 231	102	1 231	102	1 220	97	827	69	823	69
Other retail trade	4 008	673	3 888	651	3 844	651	2 309	354	2 288	338
Finance, insurance, and real estate	8 890	1 320	8 786	1 305	8 703	1 280	13 562	2 082	13 491	2 071
Business and repair services	7 264	846	7 216	841	7 098	809	3 827	679	3 770	658
Personal services	3 008	817	2 935	817	2 869	759	1 787	746	1 723	700
All other industries	6 129	2 033	7 199	2 139	7 067	2 095	4 958	1 760	4 819	1 726

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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
Managers and administrators, except farm—Continued										
Managers and administrators, n.e.c., self-employed	17 727	2 630	17 727	2 630	17 467	2 567	50 235	6 247	49 703	6 190
Construction	3 354	38	3 330	38	3 178	35	8 047	64	7 853	60
Manufacturing	1 780	115	1 742	115	1 737	105	6 303	473	6 257	473
Transportation	502	81	502	81	498	81	1 513	125	1 491	123
Communications, and utilities and sanitary services	53	—	43	—	43	—	81	5	81	5
Wholesale trade	1 144	83	1 139	83	1 139	83	4 067	202	4 048	199
Retail trade	7 633	1 525	7 609	1 525	7 562	1 491	21 244	3 659	21 093	3 628
Hardware, farm equipment, and building material retailing	480	33	480	33	480	33	1 547	93	1 547	89
General merchandise stores	313	132	313	132	313	127	906	257	897	253
Food stores	2 032	449	2 032	449	2 018	449	6 155	1 327	6 118	1 313
Motor vehicles and accessories retailing	356	32	356	32	356	26	1 345	52	1 333	52
Gasoline service stations	1 871	49	1 871	49	1 853	49	3 904	58	3 874	53
Apparel and accessories stores	458	212	458	212	453	200	1 550	794	1 542	794
Furniture, home furnishings, and equipment stores	467	72	467	72	467	66	1 271	120	1 263	120
Other retail trade	1 656	546	1 632	546	1 622	541	4 566	958	4 517	954
Finance, insurance, and real estate	508	64	503	64	503	64	1 895	214	1 883	214
Business and repair services	1 005	122	1 005	122	999	116	2 521	187	2 495	179
Personal services	1 325	500	1 320	500	1 283	490	2 642	864	2 614	864
All other industries	423	102	534	102	525	102	1 922	454	1 888	445
Managers and administrators, except farm—allocated	9 263	1 514	...	...	...	...	...	...	...	...
Sales workers										
Advertising agents and salesmen	139 928	84 527	136 978	78 350	134 833	75 346	118 223	59 459	115 732	56 371
Auctioneers	2 421	361	2 421	361	2 395	337	1 188	107	1 179	103
Demonstrators	92	24	92	24	92	24	131	—	131	—
Hucksters and peddlers	646	574	646	574	646	509	54	561	54	533
Insurance agents, brokers, and underwriters	646	1 243	666	1 256	640	1 176	874	662	820	652
Newsboys	15 929	2 097	15 937	2 103	15 822	2 077	13 425	1 118	13 289	1 106
Real estate agents and brokers	1 528	238	6 159	299	6 062	299	5 521	116	5 332	116
Stock and bond salesmen	6 202	3 415	6 202	3 415	6 161	3 373	5 456	1 842	5 409	1 825
Salesmen and sales clerks, n.e.c.	6 266	510	6 271	510	6 216	491	1 521	66	1 506	66
Sales representatives, manufacturing industries	98 589	69 056	99 116	69 808	97 351	67 064	90 053	54 987	88 012	51 972
Sales representatives, wholesale trade	21 680	1 956	21 897	1 984	21 428	1 920	20 273	2 744	19 953	2 589
Sales clerks, retail trade	22 297	1 434	22 306	1 462	22 019	1 424	17 904	601	17 703	565
Salesmen, retail trade	33 505	60 670	33 966	61 285	33 177	58 910	29 998	48 164	29 096	45 574
Salesmen of services and construction	13 919	2 115	13 954	2 138	13 704	2 014	15 876	1 765	15 398	1 670
Sales workers—allocated	7 188	2 881	7 193	2 939	7 023	2 796	6 002	1 713	5 862	1 574
8 161	7 009	...	...	...	...	...	...	...	...	...
Clerical and kindred workers										
Bank tellers	163 828	431 608	153 379	406 091	149 612	393 629	130 481	258 716	126 673	250 016
Billing clerks	1 746	8 701	1 746	8 701	1 722	8 565	2 125	3 709	2 088	3 654
Bookkeepers	777	4 744	795	4 754	763	4 547	378	1 461	370	1 409
Cashiers	14 020	49 742	14 025	49 770	13 734	48 401	5 250	26 320	5 111	25 537
Clerical assistants, social welfare	6 181	25 873	6 249	26 120	5 931	24 844	5 910	12 098	5 701	11 423
Clerical supervisors, n.e.c.	9	14	9	14	9	14	—	—	—	—
Collectors, bill and account	2 733	2 286	2 733	2 286	2 721	2 246	1 333	1 075	1 302	1 037
Counter clerks, except food	1 030	525	1 035	525	998	514	835	101	802	97
Dispatcher and starters, vehicle	2 817	5 798	2 863	5 880	2 737	5 556	2 236	3 088	2 186	2 977
Enumerators and interviewers	3 048	406	3 048	406	2 996	385	1 801	151	1 749	146
Estimators and investigators, n.e.c.	431	790	431	790	404	696	963	3 860	942	3 721
Expeditors and production controllers	6 936	4 118	6 936	4 118	6 849	3 973	4 791	2 128	4 716	2 053
File clerks	7 169	2 048	7 169	2 048	7 027	1 992	5 850	761	5 723	735
Insurance adjusters, examiners, and investigators	3 109	15 139	3 164	15 285	2 966	14 641	994	6 232	975	5 918
Library attendants and assistants	3 642	1 198	3 642	1 198	3 625	1 178	2 652	289	2 628	289
Mail carriers, post office	740	3 123	776	3 241	759	3 196	290	973	279	957
Mail handlers, except post office	9 539	422	9 539	422	9 428	416	6 947	58	6 721	53
Messengers, including telegraph, and office boys	3 320	2 338	3 336	2 342	3 225	2 144	1 897	965	1 849	930
Meter readers, utilities	1 985	282	2 042	294	1 953	283	1 973	351	1 803	333
Office machine operators	1 397	14	1 397	14	1 381	14	1 719	55	1 682	53
Bookkeeping and billing machine	7 409	19 498	7 419	19 519	7 273	18 845	4 517	10 667	4 418	10 191
Calculating machine	289	3 075	289	3 080	281	2 953	298	2 117	291	2 023
Computer and peripheral equipment	136	1 872	141	1 872	127	1 783	38	1 687	37	1 611
Duplicating machine	4 292	1 403	4 292	1 403	4 223	1 333	38	58	37	56
Keypunch	365	339	365	344	356	333	452	262	442	250
Tabulating machine	1 576	11 451	1 581	11 457	1 550	11 155	2 448	5 438	2 395	5 196
Office machine, n.e.c.	252	199	252	199	248	189	1 017	349	995	333
Payroll and timekeeping clerks	499	1 159	499	1 164	488	1 099	226	756	221	722
Postal clerks	2 187	5 291	2 187	5 291	2 112	5 129	2 030	2 960	1 927	2 869
Proofreaders	9 085	3 110	9 096	3 110	8 984	3 018	7 254	1 033	7 102	930
Real estate appraisers	361	1 032	361	1 038	357	971	241	469	235	452
Receptionists	699	31	705	31	694	27	600	—	594	—
Secretaries	613	9 780	622	9 827	603	9 391	512	4 565	497	4 390
Shipping and receiving clerks	3 878	119 625	3 900	119 739	3 862	117 246	2 099	65 006	2 062	63 733
Statistical clerks	17 672	2 599	17 714	2 604	17 173	2 482	13 974	1 117	13 434	1 049
Stenographers	4 478	8 263	4 494	8 279	4 421	8 056	2 770	3 253	2 710	3 136
Stock clerks and storekeepers	283	4 164	283	4 169	283	4 097	436	8 361	414	8 205
Teacher aides, except school monitors	13 276	3 789	13 438	3 814	12 959	3 671	14 131	2 238	13 387	2 125
Telephone operators	154	3 294	157	3 328	153	3 251	375	265	371	258
Ticket, station, and express agents	108	93	108	93	108	93	236	122	236	114
Typists	780	16 993	780	17 049	760	16 418	578	16 187	547	15 447
Weighters	1 999	1 999	1 999	1 999	1 995	1 274	1 937	348	1 913	340
Miscellaneous clerical workers	2 756	48 652	2 777	48 758	2 629	47 040	1 189	26 131	1 145	25 008
Not specified clerical workers	994	461	994	461	970	442	1 564	306	1 529	294
Clerical and kindred workers—allocated	7 947	11 988	7 983	12 024	7 830	11 644	6 970	6 790	6 814	6 554
11 118	26 698	...	...	...	...	...	...	...	...	...

Table 170. Detailed Occupation 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
Craftsmen and kindred workers	388 003	17 449	362 802	16 435	351 155	15 479	358 197	11 318	343 963	10 608
Automobile accessories installers.....	135	5	135	5	135	5	303	—	293	—
Bakers.....	4 601	615	4 612	615	4 526	605	5 161	410	5 016	386
Blacksmiths.....	184	9	184	9	184	9	311	—	304	—
Boilermakers.....	1 367	10	1 372	10	1 328	10	1 333	8	1 270	8
Bookbinders.....	641	768	641	768	610	719	8 601	720	572	698
Brickmasons and stonemasons.....	8 387	97	8 409	97	7 628	93	8 601	43	7 804	35
Bulldozer operators.....	1 754	27	1 759	27	1 628	9	2 515	—	2 365	—
Cabinetmakers.....	2 222	45	2 222	45	2 157	45	2 121	13	2 023	13
Carpenters.....	28 759	285	28 774	285	26 846	270	29 828	110	27 350	98
Carpet installers.....	1 393	10	1 393	10	1 359	5	934	—	890	—
Cement and concrete finishers.....	2 075	26	2 075	26	1 732	15	718	—	621	—
Compositors and typesetters.....	6 745	888	6 755	888	6 618	853	8 800	609	8 688	586
Cranemen, derrickmen, and hoistmen.....	3 636	72	3 636	72	3 548	72	3 532	12	3 366	12
Decorators and window dressers.....	1 508	989	1 514	989	1 484	959	1 183	537	1 158	529
Dental laboratory technicians.....	1 077	245	1 077	245	1 072	227	479	19	475	18
Electricians.....	18 410	271	18 421	271	18 084	257	14 529	90	14 045	82
Electric power linemen and cablemen.....	3 310	21	3 310	21	3 285	16	3 182	70	3 167	69
Electrotypers and stereotypers.....	253	4	253	4	253	4	507	—	507	—
Engravers, except photoengravers.....	453	106	453	106	432	96	731	122	718	110
Excavating, grading, and road machine operators, except bulldozer.....	5 618	93	5 623	93	5 150	79	3 853	43	3 532	30
Floor layers, except tile setters.....	969	16	969	16	904	10	603	32	551	29
Foremen, n.e.c.....	59 301	6 159	59 306	6 159	58 371	5 879	48 371	4 385	47 605	4 179
Construction.....	5 460	26	5 401	26	5 234	21	3 045	11	2 940	11
Manufacturing.....	37 228	4 243	36 986	4 233	36 464	3 999	32 597	3 489	32 051	3 315
Durable goods.....	19 842	1 396	19 696	1 390	19 379	1 323	16 875	1 074	16 682	1 047
Nondurable goods, including not specified manufacturing.....	17 386	2 847	17 290	2 843	17 085	2 676	15 722	2 415	15 369	2 268
Transportation, communications, and other public utilities.....	6 048	230	6 009	230	5 959	225	6 520	80	6 484	84
All other industries.....	10 565	1 660	10 910	1 670	10 714	1 634	6 209	801	6 130	769
Forgemen and hammermen.....	190	51	190	51	190	46	210	31	197	25
Furniture and wood finishers.....	564	35	564	35	553	24	817	30	777	26
Furriers.....	133	37	133	37	124	26	145	132	129	116
Glaziers.....	907	12	907	12	865	12	553	12	539	8
Heat treaters, annealers, and temperers.....	579	24	579	24	579	24	713	34	686	26
Inspectors, scalers, and graders, log and lumber.....	21	—	21	—	21	—	40	—	34	—
Inspectors, n.e.c.....	3 592	255	3 592	255	3 551	249	2 874	199	2 810	180
Construction.....	657	11	657	11	657	11	309	4	293	4
Railroads and railway express service.....	624	3	624	3	619	3	798	—	780	—
Jewelers and watchmakers.....	1 296	166	1 296	166	1 271	144	1 416	108	1 416	108
Job and die setters, metal.....	3 321	63	3 321	63	3 237	63	2 300	18	2 273	15
Locomotive engineers.....	1 081	15	1 081	15	1 075	15	1 464	—	1 436	—
Locomotive firemen.....	253	21	253	21	248	21	870	8	866	8
Machinists.....	14 336	414	14 349	414	14 095	378	25 458	306	24 820	272
Mechanics and repairmen.....	87 366	1 313	87 409	1 319	85 947	1 253	79 800	726	77 712	694
Air conditioning, heating, and refrigeration.....	5 449	26	5 454	26	5 354	26	3 118	7	3 027	3
Aircraft.....	2 204	69	2 204	69	2 095	61	2 054	28	1 975	28
Automobile body repairmen.....	3 506	43	3 516	43	3 483	43	2 636	—	2 577	—
Automobile mechanics.....	29 918	310	29 936	310	29 380	305	20 388	84	19 928	84
Data processing machine repairmen.....	1 581	40	1 581	40	1 574	35	—	—	—	—
Farm implement.....	271	—	271	—	244	—	1 710	—	1 663	—
Heavy equipment mechanics, including diesel.....	23 105	390	23 111	396	22 806	379	11 290	149	10 977	141
Household appliance and accessory installers and mechanics.....	4 491	36	4 491	36	4 439	25	3 693	—	3 590	—
Loom fixers.....	220	—	220	—	211	—	386	4	379	4
Office machine.....	1 422	22	1 426	22	1 420	17	1 205	13	1 186	13
Radio and television.....	4 570	125	4 570	125	4 477	125	3 496	67	3 426	67
Railroad and car shop.....	982	11	982	11	977	11	1 191	2	1 152	2
Miscellaneous mechanics and repairmen.....	6 726	161	6 726	161	6 595	151	6 913	372	6 717	352
Not specified mechanics and repairmen.....	2 921	80	2 921	80	2 892	75	21 720	—	21 115	—
Millers, grain, flour, and feed.....	44	—	44	—	44	—	79	—	74	—
Millwrights.....	2 598	25	2 598	25	2 529	25	2 382	3	2 299	3
Molders, metal.....	1 417	170	1 419	170	1 360	155	1 423	49	1 365	40
Motion picture projectionists.....	410	11	410	11	401	11	540	13	525	9
Opticians, and lens grinders and polishers.....	629	135	629	135	625	127	610	74	583	74
Painters, construction and maintenance.....	11 953	367	11 983	367	10 623	321	13 943	204	12 614	182
Paperhangers.....	412	6	412	6	368	6	1 063	8	955	8
Pattern and model makers, except paper.....	1 377	94	1 377	94	1 329	90	1 732	12	1 688	8
Photoengravers and lithographers.....	1 688	118	1 688	118	1 660	118	1 606	100	1 571	92
Piano and organ tuners and repairmen.....	215	5	215	5	215	5	177	3	172	—
Plasterers.....	622	7	622	7	571	7	1 184	4	1 106	4
Plumbers and pipe fitters.....	16 776	155	16 780	155	16 364	155	16 093	46	14 983	38
Power station operators.....	510	5	510	5	504	5	769	53	762	49
Pressmen and plate printers, printing.....	7 001	510	7 016	510	6 918	473	4 035	238	3 934	222
Rollers and finishers, metal.....	319	14	319	14	310	14	354	33	342	33
Roofers and slaters.....	2 446	21	2 446	21	2 287	21	2 689	—	2 497	—
Sheetmetal workers and tinsmiths.....	5 850	33	5 850	33	5 729	33	5 827	31	5 553	31
Shipfitters.....	225	—	225	—	225	—	631	—	580	—
Shoe repairmen.....	974	48	980	48	951	48	1 676	20	1 643	18
Sign painters and letterers.....	579	42	579	42	568	31	1 102	41	998	37
Stationary engineers.....	6 385	74	6 385	74	6 351	74	13 242	72	13 069	64
Stone cutters and stone carvers.....	155	4	155	4	143	4	161	4	156	4
Structural metal craftsmen.....	3 553	28	3 553	28	3 397	28	3 216	32	2 976	30
Tailors.....	2 971	691	2 971	691	2 846	625	4 179	958	3 843	853
Telephone installers and repairmen.....	9 937	255	9 941	255	9 846	251	6 242	128	6 209	126
Telephone linemen and splicers.....	1 764	17	1 764	17	1 742	23	1 721	35	1 713	34
Tile setters.....	1 236	6	1 236	6	1 155	6	2 208	—	2 026	—
Tool and die makers.....	8 386	128	8 391	128	8 255	123	8 886	43	8 748	39
Upholsterers.....	1 399	66	1 404	66	1 381	66	2 142	95	2 042	87
Craftsmen and kindred workers, n.e.c.....	3 420	192	3 430	192	3 348	151	3 082	184	2 922	163
Former members of the Armed Forces.....	882	29	882	29	—	—	355	—	—	—
Craftsmen and kindred workers—allocated.....	25 453	1 026	...	...	...	...	...	...	...	...

Table 170. Detailed Occupation 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		
Operatives, except transport	243 079	207 661	223 854	186 200	214 790	167 980	233 477	178 611	221 320	157 559		
Asbestos and insulation workers.....	948	14	948	14	898	14	1 117	23	1 018	23		
Assemblers.....	16 494	23 837	16 519	23 852	15 710	21 032	15 808	17 966	14 664	15 677		
Blasters and powdermen.....	147	16	147	16	127	16	71	—	63	—		
Bottling and canning operatives.....	1 343	618	1 349	618	1 309	558	1 232	803	1 184	684		
Chainmen, rodmen, and axmen; surveying.....	300	4	300	4	284	4	226	36	202	26		
Checkers, examiners, and inspectors; manufacturing.....	16 198	18 540	16 202	18 563	15 594	17 266	15 623	16 249	15 069	14 736		
Clothing ironers and pressers.....	3 815	4 490	3 824	4 501	3 376	4 166	4 281	6 097	3 908	5 499		
Cutting operatives, n.e.c.....	5 202	2 824	5 208	2 835	5 000	2 491	5 575	1 915	5 298	1 699		
Dressmakers and seamstresses, except factory.....	282	2 955	282	2 961	267	2 766	218	3 834	209	3 612		
Drillers, earth.....	713	158	713	158	691	150	788	12	712	12		
Dry wall installers and lathers.....	1 439	21	1 443	21	1 282	21	1 750	23	1 632	23		
Dyers.....	1 577	75	1 577	75	1 493	61	2 057	55	1 968	43		
Filers, polishers, sanders, and buffers.....	2 882	672	2 891	672	2 770	617	4 787	1 013	4 539	904		
Furnacemen, smeltermen, and pourers.....	1 572	75	1 572	75	1 544	69	1 543	44	1 491	44		
Garage workers and gas station attendants.....	10 750	265	10 936	277	10 473	245	8 250	170	7 771	154		
Graders and sorters, manufacturing.....	353	760	364	760	342	642	331	976	295	793		
Produce graders and packers, except factory and farm.....	124	201	124	201	106	185	164	565	159	485		
Heaters, metal.....	33	6	33	6	33	6	60	5	56	5		
Laundry and drycleaning operatives, n.e.c.....	2 276	3 042	2 296	3 056	2 239	2 868	2 913	3 223	2 791	2 972		
Meat cutters and butchers, except manufacturing.....	8 334	449	8 339	449	8 247	444	7 984	211	7 850	203		
Meat cutters and butchers, manufacturing.....	650	116	650	116	635	116	1 096	98	1 044	72		
Meat wrappers, retail trade.....	138	2 125	138	2 125	126	2 084	69	2 039	63	1 757		
Metal platers.....	1 240	153	1 240	153	1 215	136	1 481	90	1 404	80		
Milliners.....	11	91	11	91	11	78	16	216	16	208		
Mine operatives, n.e.c.....	595	114	595	121	574	115	1 028	16	942	12		
Mixing operatives.....	4 545	195	4 545	195	4 430	176	3 310	65	3 189	56		
Oilers and greasers, except auto.....	1 148	83	1 154	83	1 096	79	1 457	34	1 374	29		
Packers and wrappers, except meat and produce.....	11 276	23 496	11 386	23 536	10 715	21 163	8 791	16 227	8 097	14 000		
Painters, manufactured articles.....	3 660	578	3 660	578	3 508	529	3 834	612	3 667	546		
Photographic process workers.....	1 638	907	1 644	914	1 596	828	1 272	738	1 228	690		
Precision machine operatives.....	12 752	1 604	12 761	1 604	12 357	1 447	10 170	1 159	9 660	1 029		
Drill press operatives.....	2 178	738	2 178	738	2 092	643	2 033	687	1 935	609		
Grinding machine operatives.....	3 604	242	3 609	242	3 481	224	2 836	104	2 693	93		
Lathe and milling machine operatives.....	5 208	377	5 208	377	5 073	349	3 583	183	3 400	164		
Precision machine operatives, n.e.c.....	1 762	247	1 766	247	1 711	231	1 718	185	1 632	163		
Punch and stamping press operatives.....	2 792	2 420	2 792	2 420	2 681	2 133	4 941	2 986	4 688	2 640		
Riveters and fasteners.....	1 196	252	1 196	252	1 192	212	623	430	577	378		
Sailors and deckhands.....	1 101	9	1 101	9	987	9	2 003	12	1 796	12		
Sawyers.....	943	147	943	153	888	125	751	51	687	34		
Sewers and stitchers.....	3 314	46 496	3 320	46 526	2 926	39 781	3 207	48 547	2 824	42 493		
Shoemaking machine operatives.....	254	230	254	230	243	225	518	572	464	487		
Solderers.....	507	2 297	507	2 297	487	2 034	1 366	3 881	1 315	3 449		
Stationary firemen.....	4 428	246	4 438	246	4 374	207	4 253	18	4 081	14		
Textile operatives.....	5 539	3 561	5 539	3 575	5 263	3 095	8 538	6 713	7 957	5 837		
Cordling, lapping, and combing operatives.....	31	—	31	—	31	—	559	291	521	255		
Knitters, loopers, and toppers.....	981	598	981	598	924	513	778	535	726	458		
Spinners, twistlers, and winders.....	662	855	662	859	623	757	1 468	1 832	1 364	1 570		
Weavers.....	516	288	516	293	474	265	1 547	758	1 430	659		
Textile operatives, n.e.c.....	3 349	1 820	3 349	1 825	3 211	1 560	4 186	3 297	3 916	2 895		
Welders and flamecutters.....	12 446	1 547	12 451	1 550	12 047	1 385	10 252	958	9 810	786		
Winding operatives, n.e.c.....	1 326	1 748	1 326	1 748	1 278	1 619	1 437	1 774	1 376	1 575		
Miscellaneous and not specified operatives.....	77 930	40 503	78 136	40 564	75 376	36 783	88 286	38 155	84 182	33 781		
Occupation:												
Machine operatives, miscellaneous specified.....	29 269	14 751	29 338	14 760	28 511	13 390	27 560	9 600	26 322	8 508		
Machine operatives, not specified.....	24 059	10 748	24 080	10 754	23 215	9 837	24 124	10 362	23 088	9 250		
Miscellaneous operatives.....	16 327	8 158	16 409	8 191	15 738	7 467	23 354	13 264	22 116	11 661		
Not specified operatives.....	8 275	6 846	8 309	6 859	7 912	6 089	13 248	4 929	12 656	4 362		
Industry:												
Manufacturing.....	69 214	37 705	68 993	37 524	66 578	33 997	79 834	36 329	76 165	32 149		
Durable goods.....	32 539	19 174	32 413	19 108	31 147	17 500	36 913	17 579	35 034	15 646		
Lumber and wood products, except furniture.....	528	126	536	126	513	117	762	157	703	234		
Furniture and fixtures.....	686	208	695	208	664	196	777	239	716	205		
Stone, clay, and glass products.....	4 963	1 493	4 963	1 493	4 826	1 431	4 763	1 236	4 619	1 167		
Primary metal industries.....	4 963	554	4 968	554	4 766	511	6 857	278	6 506	223		
Blast furnaces, steel works, and rolling and finishing mills.....	830	26	830	26	802	22	1 355	30	1 236	23		
Fabricated metal industries, including not specified metal.....	5 170	2 020	5 174	2 020	4 942	1 814	5 019	1 870	4 706	1 689		
Machinery, except electrical.....	3 882	982	3 887	982	3 729	893	4 342	676	4 140	586		
Electrical machinery, equipment, and supplies.....	5 891	8 563	5 899	8 563	5 701	7 973	6 179	7 575	5 975	6 720		
Transportation equipment.....	1 774	573	1 780	573	1 644	460	3 260	518	2 990	473		
Motor vehicles and motor vehicle equipment.....	1 025	370	1 025	370	935	288	524	10	488	9		
Professional and photographic equipment, and watches.....	1 395	980	1 395	980	1 373	923	1 431	1 141	1 392	1 034		
Ordnance.....	296	326	296	326	284	255	449	—	423	—		
Miscellaneous manufacturing industries.....	2 811	3 267	2 820	3 283	2 705	2 927	3 074	3 789	2 864	3 315		
Durable goods—allocated.....	180	82	180	82	180	82	180	82	180	82		
Nondurable goods.....	35 845	17 946	35 750	17 831	34 649	15 959	42 520	18 431	40 775	16 217		
Food and kindred products.....	4 687	1 814	4 705	1 820	4 485	1 655	6 945	1 858	6 578	1 559		
Tobacco manufactures.....	32	43	32	43	32	37	98	426	50	394		
Apparel and other fabricated textile products.....	1 524	5 149	1 532	5 153	1 356	4 366	3 205	6 571	2 904	5 741		
Paper and allied products.....	4 889	1 691	4 889	1 691	4 757	1 610	5 553	2 251	5 359	2 072		
Printing, publishing, and allied industries.....	1 674	1 519	1 694	1 524	1 610	1 432	2 350	1 210	2 247	1 129		
Chemicals and allied products.....	14 419	28	14 429	28	14 176	2 394	14 482	2 247	14 156	2 049		
Petroleum and coal products.....	1 210	28	1 210	28	1 194	28	2 330	73	2 298	69		
Rubber and miscellaneous plastic products.....	6 209	3 068	6 217	3 068	6 032	2 808	5 779	1 614	5 469	1 360		
Leather and leather products.....	1 042	1 329	1 042	1 329	1 007	1 114	1 778	2 181	1 674	1 844		
Nondurable goods—allocated.....	159	135	159	135	159	135	159	135	159	135		
Not specified manufacturing industries.....	830	585	830	585	782	538	401	319	356	286		
Nonmanufacturing industries.....	8 716	2 798	9 143	3 040	8 798	2 786	8 452	1 826	8 017	1 632		
Construction.....	877	72	807	65	775	65	933	25	851	25		
Transportation, communications, and other public utilities.....	2 018	132	1 925	124	1 894	118	2 082	79	2 026	79		
Wholesale and retail trade.....	3 262	1 380	3 152	1 312	3 026	1 183	2 438	944	2 315	827		
Business and repair services.....	1 411	427	1 381	414	1 307	381	1 811	290	1 697	258		
Public administration.....	381	161	381	157	372	148	428	58	412	55		
All other industries.....	767	626	1 497	968	1 424	891	760	430	716	388		
Operatives, except transport—allocated.....	19 866	19 721	19 866	19 721	19 866	19 721	19 866	19 721	19 866	19 721		

Table 170. Detailed Occupation 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
Transport equipment operatives	109 339	5 732	101 259	5 205	97 690	5 019	92 253	1 364	88 566	1 327
Boatmen and canalmen.....	190	—	190	—	185	—	265	8	257	8
Bus drivers.....	8 036	3 484	8 040	3 484	7 884	3 393	8 055	743	7 944	735
Conductors and motormen, urban rail transit.....	175	20	175	20	170	20	102	8	97	8
Deliverymen and routemen.....	25 681	662	25 882	662	24 872	621	18 441	452	17 859	426
Fork lift and tow motor operatives.....	9 705	141	9 711	141	9 411	120	4 369	35	4 151	32
Motormen; mine, factory, logging camp, etc.....	24	—	24	—	24	—	46	—	42	—
Parking attendants.....	913	29	923	29	853	29	647	—	612	—
Railroad brakemen.....	1 041	24	1 041	24	1 021	24	1 984	4	1 937	4
Railroad switchmen.....	781	5	781	5	781	5	862	12	858	12
Taxicab drivers and chauffeurs.....	4 743	262	4 743	262	4 585	257	5 661	102	5 402	102
Truck drivers.....	49 697	573	49 749	578	47 904	550	51 821	—	49 407	—
Transport equipment operatives—allocated.....	8 353	532	...	...	...	...	...	...	...	...
Laborers, except farm	108 175	8 789	98 494	8 121	91 674	7 534	105 132	6 507	95 898	5 735
Animal caretakers, except farm.....	844	385	915	416	878	406	625	182	594	166
Carpenters' helpers.....	960	19	979	19	872	10	827	—	696	—
Construction laborers, except carpenters' helpers.....	18 350	257	18 421	257	16 463	237	24 016	121	20 834	117
Fishermen and oystermen.....	625	57	625	57	591	57	757	25	655	25
Freight and material handlers.....	22 265	1 310	22 365	1 328	20 960	1 216	13 035	893	12 101	788
Garbage collectors.....	2 372	40	2 378	40	2 275	40	1 118	16	1 080	16
Gardeners and groundskeepers, except farm.....	9 241	210	9 562	214	8 759	194	7 977	104	7 407	100
Longshoremen and stevedores.....	3 109	74	3 109	74	2 955	74	3 770	21	3 524	21
Lumbermen, raftsmen, and woodchoppers.....	229	5	235	5	203	5	263	11	235	11
Stock handlers.....	16 883	3 282	17 430	3 343	16 487	3 118	11 433	2 395	10 540	2 168
Teamsters.....	51	—	53	—	53	—	88	—	69	—
Vehicle washers and equipment cleaners.....	3 418	284	3 638	284	3 367	253	4 162	455	3 782	414
Warehousemen, n.e.c.....	4 575	91	4 575	91	4 440	86	4 827	57	4 643	53
Miscellaneous and not specified laborers.....	13 887	1 966	14 209	1 993	13 371	1 838	32 034	2 227	29 538	1 856
Occupation:										
Miscellaneous laborers.....	3 796	543	3 844	566	3 692	512	7 985	398	7 441	325
Not specified laborers.....	10 091	1 423	10 365	1 427	9 679	1 326	24 049	1 829	22 097	1 531
Industry:										
Manufacturing.....	6 667	1 230	6 613	1 214	6 194	1 112	20 028	1 801	18 365	1 467
Durable goods.....	3 658	688	3 624	688	3 441	651	11 189	902	10 376	790
Lumber and wood products, except furniture.....	97	21	97	21	97	16	342	13	311	13
Furniture and fixtures.....	60	4	60	4	55	4	252	27	235	19
Stone, clay, and glass products.....	612	96	612	96	584	96	1 632	167	1 512	159
Primary metal industries.....	936	28	936	28	896	18	3 734	11	3 002	11
Blast furnaces, steel works, and rolling and finishing mills.....	269	—	269	—	254	—	815	8	744	8
Fabricated metal industries, including not specified metal.....	635	106	635	106	594	102	1 420	159	1 306	140
Machinery, except electrical.....	415	36	421	36	400	36	1 084	49	1 012	35
Electrical machinery, equipment, and supplies.....	307	208	307	208	303	199	1 272	284	1 191	247
Transportation equipment.....	191	24	191	24	173	24	1 117	28	1 028	23
Motor vehicles and motor vehicle equipment.....	90	13	90	13	85	13	365	20	343	15
Professional and photographic equipment, and watches.....	65	36	65	36	65	36	165	38	159	34
Ordnance.....	47	23	47	23	43	20	122	43	111	37
Miscellaneous manufacturing industries.....	253	106	253	106	231	100	549	81	509	72
Durable goods—allocated.....	40	—	...	...	...	...	...	...	...	...
Nondurable goods.....	2 817	503	2 797	487	2 571	422	8 709	866	7 872	652
Food and kindred products.....	683	110	692	110	624	80	2 369	312	2 095	168
Tobacco manufactures.....	4	—	4	—	4	—	30	22	23	13
Textile mill products.....	176	5	176	5	148	5	298	33	261	33
Apparel and other fabricated textile products.....	109	95	113	95	94	72	114	81	95	65
Paper and allied products.....	233	33	233	33	210	27	841	91	749	78
Printing, publishing, and allied industries.....	115	58	115	58	101	58	340	32	322	23
Chemicals and allied products.....	807	87	807	87	755	81	2 602	154	2 415	142
Petroleum and coal products.....	176	—	181	—	168	—	732	20	680	20
Rubber and miscellaneous plastic products.....	408	71	408	71	399	71	1 102	75	995	69
Leather and leather products.....	68	28	68	28	68	28	281	46	237	41
Nondurable goods—allocated.....	38	16	...	...	...	...	...	...	...	...
Not specified manufacturing industries.....	192	39	192	39	182	39	130	33	117	25
Nonmanufacturing industries.....	7 220	736	7 596	779	7 177	726	12 006	426	11 173	389
Transportation, communications, and other public utilities.....	2 293	41	2 281	41	2 202	41	5 016	90	4 770	80
Wholesale and retail trade.....	2 205	278	2 245	284	2 119	267	3 013	104	2 788	94
Business and repair services.....	573	93	565	93	525	84	422	18	384	18
Public administration.....	519	62	533	62	506	62	1 118	13	1 056	9
All other industries.....	1 630	262	1 972	299	1 825	272	2 437	201	2 175	188
Laborers, except farm—allocated.....	11 366	809	...	...	...	...	...	...	...	...
Farmers and farm managers	6 479	1 032	5 466	627	5 401	627	12 856	1 315	12 726	1 297
Farmers, owners and tenants.....	4 652	587	4 662	587	4 603	587	12 539	1 295	12 413	1 277
Farm managers.....	804	40	804	40	798	40	317	20	313	20
Farmers and farm managers—allocated.....	1 023	405	...	...	...	...	...	...	...	...
Farm laborers and farm foremen	6 851	1 690	6 120	1 098	5 838	1 033	12 171	2 507	11 508	2 346
Farm foremen.....	173	5	173	5	168	5	185	8	181	8
Farm laborers, wage workers.....	5 200	760	5 551	806	5 279	741	11 227	1 318	10 586	1 178
Farm laborers, unpaid family workers.....	344	267	369	283	364	283	731	1 172	713	1 151
Farm service laborers, self-employed.....	27	4	27	4	27	4	28	9	28	9
Farm laborers and farm foremen—allocated.....	1 107	654	...	...	...	...	...	...	...	...

Table 170. Detailed Occupation 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
Service workers, except private household	153 254	137 150	142 726	124 055	138 043	119 116	112 254	81 393	107 522	77 362
Cleaning service workers.....	44 294	14 690	44 971	14 836	43 637	14 195	27 900	11 145	26 731	10 436
Chambermaids and maids, except private household.....	268	3 708	277	3 759	277	3 504	152	3 455	138	3 107
Cleaners and charwomen.....	8 880	7 315	9 086	7 368	8 634	7 101	8 898	5 601	8 199	5 300
Janitors and sextons.....	35 146	3 667	35 608	3 709	34 726	3 590	18 850	2 089	18 394	2 029
Food service workers	35 073	52 121	36 385	52 730	34 361	49 939	31 513	37 541	29 504	35 360
Bartenders.....	8 772	839	8 776	845	8 388	804	10 150	643	9 633	613
Busboys.....	2 461	327	2 824	339	2 603	309	1 452	1 133	1 313	1 074
Cooks, except private household.....	12 083	7 270	12 327	7 278	11 770	6 947	8 949	4 340	8 436	4 170
Dishwashers.....	3 419	966	3 750	988	3 390	931	2 528	1 132	2 230	1 057
Food counter and fountain workers.....	1 764	4 628	1 946	4 713	1 802	4 537	2 678	5 389	2 531	5 171
Waiters.....	3 417	30 304	3 477	30 681	3 310	28 858	3 505	21 332	3 372	19 928
Food service workers, n.e.c., except private household.....	3 157	7 787	3 285	7 886	3 098	7 553	2 251	3 572	1 989	3 347
Health service workers	3 129	29 920	3 170	30 039	3 123	29 292	3 595	17 680	3 437	17 042
Dental assistants.....	67	3 602	67	3 624	67	3 557	49	1 734	45	1 717
Health aides, except nursing.....	358	3 091	372	3 091	364	2 992	136	860	128	837
Health trainees.....	30	659	30	665	30	661	15	2 128	15	2 128
Lay midwives.....	5	20	5	20	5	20	5	—	—	—
Nursing aides, orderlies, and attendants.....	2 468	16 227	2 495	16 318	2 456	15 848	3 276	8 953	3 139	8 554
Practical nurses.....	201	6 321	201	6 321	201	6 214	114	4 005	110	3 806
Personal service workers	14 692	21 665	15 104	21 942	14 482	21 225	16 141	13 187	15 501	12 724
Airline stewardesses.....	43	833	43	833	43	803	—	326	—	310
Attendants, recreation and amusement.....	1 878	568	2 204	585	1 889	511	2 024	324	1 803	305
Attendants, personal service, n.e.c.....	793	1 753	803	1 783	733	1 676	1 236	1 180	1 166	1 105
Baggage porters and bellhops.....	525	6	533	6	496	—	1 440	39	1 317	36
Barbers.....	5 626	179	5 637	179	5 590	169	5 947	62	5 911	62
Boarding and lodging house keepers.....	41	183	41	183	41	175	128	458	128	442
Bootblacks.....	40	5	40	5	35	5	176	—	157	—
Child care workers, except private household.....	259	2 492	280	2 674	269	2 574	49	920	47	858
Elevator operators.....	965	305	970	305	903	302	1 712	538	1 657	485
Hairdressers and cosmetologists.....	3 183	12 104	3 189	12 136	3 155	11 830	2 170	7 608	2 143	7 487
Housekeepers, except private household.....	814	1 897	814	1 902	787	1 865	772	1 604	740	1 526
School monitors.....	30	658	30	669	30	664	23	39	22	35
Ushers, recreation and amusement.....	436	117	461	117	456	106	464	76	410	60
Welfare service aides.....	59	565	59	565	55	545	—	13	—	13
Protective service workers	43 074	4 508	43 096	4 508	42 440	4 465	33 105	1 840	32 349	1 800
Crossing guards and bridge tenders.....	2 130	2 806	2 140	2 806	2 098	2 795	1 769	1 181	1 744	1 155
Firemen, fire protection.....	7 630	49	7 636	49	7 632	49	6 086	19	6 049	19
Guards and watchmen.....	13 195	928	13 195	928	12 733	905	11 028	201	10 451	191
Marshals and constables.....	75	8	75	8	75	8	125	41	125	41
Policemen and detectives.....	19 412	627	19 418	627	19 277	618	13 835	379	13 718	375
Sheriffs and bailiffs.....	632	90	632	90	625	90	262	19	262	19
Service workers, except private household—allocated.....	12 992	14 246	...	...	...	...	...	...	...	...
Private household workers	928	26 081	958	23 395	915	22 729	1 854	38 969	1 762	37 517
Occupation:										
Child care workers, private household.....	84	2 795	204	4 397	180	4 205	270	6 019	255	5 757
Cooks, private household.....	49	732	55	738	55	733	134	991	127	963
Housekeepers, private household.....	86	2 266	91	2 282	84	2 253	221	3 978	216	3 871
Laundresses, private household.....	32	178	32	186	32	177	19	313	19	306
Maids and servants, private household.....	550	15 660	576	15 792	564	15 361	1 210	27 668	1 145	26 620
Private household workers—allocated.....	127	4 450	...	...	...	...	...	...	...	...
Living arrangement:										
Living in.....	84	3 169	84	3 115	84	3 115	301	6 326	301	6 292
Living out.....	844	22 912	874	20 280	831	19 614	1 553	32 643	1 461	31 225
Unemployed persons, last worked 1959 or earlier¹	577	2 406	...	...	...	...	...	...	...	...
Occupation not reported¹.....	...	...	127 580	91 541	121 175	84 510	83 887	50 651	78 151	46 570

¹See text for explanation.

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

(Data based on sample, see text. For meaning of symbols, see text)

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

	The State											
	Total		Negro		Persons of Puerto Rican birth or parentage		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	1 787 048	1 071 919	145 807	124 567	27 741	12 698	1 596 266	973 989	181 116	93 554	9 666	4 376
Professional, technical, and kindred workers	295 037	164 312	9 690	12 938	1 018	620	263 131	147 657	31 120	15 743	786	712
Accountants.....	25 795	4 369	472	228	71	—	23 827	4 037	1 941	327	27	5
Architects.....	1 858	53	34	5	—	—	1 674	49	184	4	—	—
Computer specialists.....	11 150	2 384	349	87	16	—	10 170	2 177	975	197	5	10
Computer programmers.....	6 737	1 832	262	60	16	—	6 177	1 671	555	151	5	10
Computer systems analysts.....	3 835	477	66	27	—	—	3 473	445	362	32	—	—
Computer specialists, n.e.c.....	578	75	21	—	—	—	520	61	58	14	—	—
Engineers	59 398	688	714	40	139	—	52 441	658	6 789	30	168	—
Aeronautical and astronautical.....	794	5	9	—	—	—	710	5	84	—	—	—
Chemical.....	5 040	50	59	14	—	—	4 508	47	519	3	13	—
Civil.....	6 193	47	106	4	22	—	5 472	43	696	4	25	—
Electrical and electronic.....	17 090	238	199	16	60	—	14 845	230	2 211	8	34	—
Industrial.....	8 383	177	86	6	23	—	7 473	173	876	4	34	—
Mechanical.....	8 998	34	115	—	26	—	8 091	28	877	6	30	—
Metallurgical and materials.....	493	14	16	—	—	—	453	14	40	—	—	—
Mining.....	24	—	—	—	—	—	19	—	5	—	—	—
Petroleum.....	103	—	—	—	—	—	95	—	8	—	—	—
Sales.....	3 459	16	6	—	—	—	3 145	16	298	—	16	—
Engineers, n.e.c.....	8 821	107	118	—	8	—	7 630	102	1 175	5	16	—
Farm management advisors	65	18	—	—	6	—	34	14	27	4	4	—
Foresters and conservationists.....	213	5	—	—	—	—	114	5	94	—	5	—
Home management advisors.....	—	108	—	15	—	—	—	71	—	37	—	—
Lawyers and judges.....	10 882	445	85	15	13	—	10 066	408	792	37	24	—
Judges.....	363	—	19	—	—	—	345	—	18	—	—	—
Lawyers.....	10 519	445	66	15	13	—	9 721	408	774	37	24	—
Librarians, archivists, and curators	844	3 623	40	144	5	7	761	3 217	83	406	—	—
Librarians.....	723	3 577	32	144	5	7	656	3 180	67	397	—	—
Archivists and curators.....	121	46	8	—	—	—	105	37	16	—	—	—
Mathematical specialists	1 276	561	5	—	—	—	1 154	515	122	40	—	6
Actuaries.....	335	90	—	—	—	—	324	84	11	6	—	—
Mathematicians.....	298	83	—	6	—	—	263	79	35	4	—	—
Statisticians.....	643	388	5	4	—	—	567	352	76	30	—	6
Life and physical scientists	11 551	1 793	507	101	29	11	10 208	1 639	1 299	154	44	—
Agricultural.....	198	11	6	—	—	—	162	6	36	5	—	—
Atmospheric and space.....	92	5	—	—	—	—	87	5	5	—	—	—
Biological.....	1 028	652	67	50	3	—	907	626	111	26	10	—
Chemists.....	8 909	1 073	388	46	26	11	7 952	966	931	107	26	—
Geologists.....	107	5	—	5	—	—	80	5	27	—	—	—
Marine.....	59	—	—	—	—	—	47	—	12	—	—	—
Physicists and astronomers.....	1 136	42	46	—	—	—	951	26	177	16	8	—
Life and physical, n.e.c.....	22	5	—	—	—	—	22	5	—	—	—	—
Operations and systems researchers and analysts	4 274	346	46	16	23	—	3 856	321	418	25	—	—
Personnel and labor relations workers.....	9 469	3 555	368	298	70	7	8 520	3 298	933	257	16	—
Physicians, dentists, and related practitioners.....	19 055	1 792	373	79	58	19	17 650	1 647	1 351	140	54	5
Chiropractors.....	344	6	—	—	—	—	315	6	29	—	—	—
Dentists.....	3 827	153	108	5	—	—	3 609	141	211	12	7	—
Optometrists.....	576	14	—	—	—	—	546	10	30	4	—	—
Pharmacists.....	3 342	407	57	10	24	7	3 120	390	222	17	—	—
Physicians, medical and osteopathic.....	10 195	1 148	202	60	34	12	9 429	1 050	729	93	37	5
Podiatrists.....	345	27	—	—	—	—	340	23	5	4	—	—
Veterinarians.....	411	31	6	4	—	—	276	21	125	10	10	—
Health practitioners, n.e.c.....	15	6	—	—	—	—	15	6	—	—	—	—
Registered nurses, dietitians, and therapists	1 616	32 863	296	3 036	18	98	1 479	29 605	116	3 173	21	85
Dietitians.....	59	1 024	19	245	—	4	53	922	6	96	—	6
Registered nurses.....	704	30 293	172	2 669	—	94	642	27 263	62	2 957	—	73
Therapists.....	853	1 546	105	122	18	—	784	1 420	48	120	21	6
Health technologists and technicians	1 953	5 738	223	642	25	27	1 759	5 245	190	468	4	25
Clinical laboratory technologists and technicians.....	788	2 691	117	321	—	6	691	2 490	97	196	—	5
Dental hygienists.....	22	425	5	—	—	—	22	375	—	45	—	5
Health record technologists and technicians.....	16	236	12	8	—	—	12	223	4	9	—	4
Radiologic technologists and technicians.....	518	1 311	31	107	16	13	495	1 151	23	154	—	6
Therapy assistants.....	5	63	—	19	—	—	5	63	—	—	—	—
Health technologists and technicians, n.e.c.....	604	1 012	58	187	9	8	534	943	66	64	4	5
Religious workers	5 648	699	386	39	42	18	4 904	608	738	91	6	—
Clergymen.....	5 266	150	362	24	42	6	4 556	124	704	26	6	—
Religious workers, n.e.c.....	382	549	24	15	—	12	348	484	34	65	—	—
Social scientists	4 780	843	66	33	—	8	4 295	783	485	60	—	—
Economists.....	3 755	303	52	13	—	—	3 419	281	336	22	—	—
Political scientists.....	23	—	—	—	—	—	20	—	3	—	—	—
Psychologists.....	661	470	—	13	—	8	573	432	88	38	—	—
Sociologists.....	54	20	5	—	—	—	39	20	15	—	—	—
Urban and regional planners.....	248	30	9	7	—	—	210	30	38	—	—	—
Social scientists, n.e.c.....	39	20	—	—	—	—	34	20	5	—	—	—
Social and recreation workers	3 736	5 119	622	1 066	60	104	3 374	4 643	357	454	5	22
Social.....	3 071	4 590	548	1 009	60	104	2 795	4 160	271	408	5	22
Recreation.....	665	529	74	57	—	—	579	483	86	46	—	—
Teachers, college and university	8 048	3 038	177	174	7	—	6 896	2 699	1 130	312	22	27
Biology.....	356	170	10	—	—	—	303	150	53	20	—	—
Chemistry.....	364	76	—	4	—	—	319	71	45	5	—	—
Engineering.....	377	14	5	—	—	—	334	11	43	3	—	—
Physics.....	372	9	6	—	—	—	270	9	102	—	—	—
Other life and physical sciences.....	122	—	—	—	—	—	86	—	30	—	6	—
Mathematics.....	487	81	—	7	—	—	406	63	81	14	—	4
Economics.....	181	21	6	—	—	—	163	17	18	4	—	—
English.....	442	396	14	5	—	—	375	336	67	50	—	10
History.....	384	77	14	5	—	—	320	71	64	6	—	—
Miscellaneous social sciences.....	522	171	5	21	7	—	430	161	86	10	6	—
Other specified teachers.....	1 956	990	34	56	—	—	1 655	873	296	107	5	10
Not specified teachers.....	2 485	1 033	83	76	—	—	2 235	937	245	93	5	3

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State												
	Total		Negro		Persons of Puerto Rican birth or parentage		Urban and rural residence						
							Urban		Rural nonfarm		Rural farm		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Professional, technical, and kindred workers—Continued													
Teachers, except college and university	32 466	70 866	1 440	4 683	75	140	28 557	63 392	3 808	7 091	101	383	
Adult education	875	661	71	37	7	6	768	603	107	53	—	5	
Elementary school	8 985	44 259	611	3 229	14	55	7 847	39 411	1 106	4 621	32	227	
Prekindergarten and kindergarten	110	4 523	17	452	—	8	99	3 999	11	499	—	25	
Secondary school	20 409	18 198	661	806	35	61	17 960	16 437	2 391	1 653	58	108	
Teachers, except college and university, n.e.c.	2 087	3 225	80	159	19	10	1 883	2 942	193	265	11	18	
Engineering and science technicians	32 924	4 438	1 279	270	78	7	29 090	3 959	3 771	465	63	14	
Agriculture and biological, except health	1 006	668	72	56	—	7	900	595	100	73	6	—	
Chemical	4 592	794	212	79	5	—	3 946	712	637	82	9	—	
Draftsmen	11 921	708	384	18	37	—	10 826	626	1 084	82	11	—	
Electrical and electronic engineering	6 205	396	286	26	15	—	5 502	344	688	52	15	—	
Industrial engineering	736	190	20	7	5	—	676	172	60	18	—	—	
Mechanical engineering	331	11	—	—	—	—	284	11	42	—	5	—	
Mathematical	10	10	—	—	—	—	10	10	—	—	—	—	
Surveyors	1 596	26	9	—	—	—	1 318	26	266	—	12	—	
Engineering and science, n.e.c.	6 527	1 635	296	84	16	—	5 628	1 463	894	158	5	14	
Technicians, except health, and engineering and science	4 711	581	87	65	—	11	3 772	460	906	121	33	—	
Airplane pilots	2 331	15	7	—	—	—	1 718	15	580	—	33	—	
Air traffic controllers	388	55	29	9	—	6	321	39	67	16	—	—	
Embalmers	57	—	—	—	—	—	57	—	—	—	—	—	
Flight engineers	366	10	5	—	—	—	262	10	104	—	—	—	
Radio operators	711	241	5	18	—	—	633	199	78	42	—	—	
Tool programmers, numerical control	99	34	4	9	—	—	99	34	—	—	—	—	
Technicians, n.e.c.	759	226	37	29	—	5	682	163	77	63	—	—	
Vocational and educational counselors	1 953	1 557	179	149	22	—	1 687	1 453	260	93	6	11	
Writers, artists, and entertainers	22 644	8 297	581	255	102	90	20 436	7 399	2 092	842	116	56	
Actors	187	84	2	—	—	9	170	79	17	5	—	—	
Athletes and kindred workers	923	461	48	23	—	—	738	399	153	41	32	21	
Authors	532	252	4	8	—	—	461	199	52	53	19	—	
Dancers	17	90	—	—	—	12	17	84	—	6	—	—	
Designers	5 264	1 206	59	30	20	6	4 779	1 147	485	59	—	—	
Editors and reporters	3 825	2 444	43	54	19	—	3 426	2 147	378	290	21	7	
Musicians and composers	1 943	1 018	180	61	—	7	1 823	897	114	112	6	9	
Painters and sculptors	3 326	1 336	61	39	30	32	3 066	1 211	250	106	10	19	
Photographers	2 167	219	42	6	18	—	1 997	194	170	25	—	—	
Public relations men and publicity writers	2 254	614	44	—	—	—	2 057	556	193	58	4	—	
Radio and television announcers	223	10	6	—	—	—	194	10	29	—	—	—	
Writers, artists, and entertainers, n.e.c.	1 983	563	92	27	15	24	1 708	476	251	87	24	—	
Research workers, not specified	4 270	1 002	95	57	6	15	3 551	858	698	136	21	8	
Professional, technical, and kindred workers—allocated	14 458	9 531	1 266	1 431	153	58	12 856	8 697	1 561	779	41	55	
Managers and administrators, except farm	218 710	32 745	4 630	1 542	967	178	194 916	29 316	22 940	3 259	854	170	
Assessors, controllers, and treasurers; local public administration	555	418	—	—	—	—	433	317	100	77	22	24	
Bank officers and financial managers	11 883	1 718	130	42	79	9	10 693	1 564	1 151	145	39	9	
Buyers and shippers, farm products	126	3	—	—	—	—	126	3	—	—	—	—	
Buyers, wholesale and retail trade	6 397	2 451	56	87	24	9	5 960	2 276	416	175	21	—	
Credit men	1 971	599	33	7	—	—	1 806	588	165	11	—	—	
Funeral directors	1 143	87	101	8	—	—	1 040	76	103	11	—	—	
Health administrators	1 392	983	43	32	6	19	1 223	799	153	173	16	11	
Construction inspectors; public administration	598	12	23	—	—	—	502	12	96	—	—	—	
Inspectors, except construction; public administration	3 266	151	173	19	12	9	2 786	144	472	7	8	—	
Federal public administration and postal service	1 628	110	107	12	12	9	1 437	103	191	7	—	—	
State public administration	1 270	16	47	—	—	—	1 001	16	261	—	8	—	
Local public administration	368	25	19	7	—	—	348	25	20	—	—	—	
Managers and superintendents, building	1 614	533	109	54	14	—	1 487	509	127	24	—	—	
Officers, pilots, and pursers; ship	1 246	32	6	—	10	—	1 022	26	224	6	—	—	
Officials and administrators; public administration, n.e.c.	5 399	1 119	229	221	22	—	4 708	947	666	161	25	11	
Federal public administration and postal service	2 822	411	123	134	3	—	2 485	348	322	63	15	—	
State public administration	1 054	261	48	19	7	—	861	229	183	32	10	—	
Local public administration	1 523	447	58	68	12	—	1 362	370	161	66	—	11	
Officials of lodges, societies, and unions	1 806	262	121	25	—	—	1 685	236	121	26	—	—	
Postmasters and mail superintendents	706	169	11	—	—	—	577	38	129	131	—	—	
Purchasing agents and buyers, n.e.c.	6 224	1 085	84	18	20	25	5 653	998	563	79	8	8	
Railroad conductors	1 365	5	62	—	—	—	1 218	5	147	—	—	—	
Restaurant, cafeteria, and bar managers	8 000	2 485	285	117	98	17	7 198	2 021	772	434	30	30	
Sales managers and department heads, retail trade	5 941	1 797	120	66	32	18	5 353	1 673	583	111	5	13	
Sales managers, except retail trade	13 064	486	86	5	—	15	11 826	467	1 220	19	18	—	
School administrators, college	912	183	74	11	20	—	797	170	108	13	7	—	
School administrators, elementary and secondary	4 047	1 562	169	93	16	—	3 502	1 448	535	101	10	13	
Managers and administrators, n.e.c., salaried	114 573	12 598	1 892	489	401	31	102 688	11 582	11 481	989	404	27	
Construction	8 683	266	144	—	26	—	7 347	248	1 284	18	52	—	
Manufacturing	40 894	2 524	310	39	59	—	36 686	2 301	4 091	218	117	5	
Transportation	6 240	804	85	12	18	—	5 724	717	494	87	22	—	
Communications, and utilities and sanitary services	4 915	456	47	16	16	—	4 515	438	396	18	4	—	
Wholesale trade	9 685	696	96	19	59	—	8 935	664	716	32	34	—	
Retail trade	19 247	2 989	531	91	114	10	17 165	2 754	2 029	232	53	3	
Hardware, farm equipment, and building material retailing	1 166	78	11	—	7	—	951	57	211	21	4	—	
General merchandise stores	2 944	862	93	45	8	—	2 694	781	241	78	9	3	
Food stores	4 501	445	114	—	74	—	3 998	402	493	43	10	—	
Motor vehicles and accessories retailing	2 981	235	49	7	6	10	2 619	207	357	28	5	—	
Gasoline service stations	908	31	41	—	—	—	745	31	157	—	6	—	
Apparel and accessories stores	1 568	568	65	8	7	—	1 476	551	92	17	—	—	
Furniture, home furnishings, and equipment stores	1 220	97	41	11	—	—	1 103	97	112	—	5	—	
Other retail trade	3 959	673	117	8	12	—	3 579	628	366	45	14	—	
Finance, insurance, and real estate	8 807	1 295	137	36	21	7	7 959	1 230	780	61	68	4	
Business and repair services	7 153	814	143	45	55	—	6 507	724	635	90	11	—	
Personal services	2 940	759	125	70	13	—	2 582	686	332	63	26	10	
All other industries	6 009	1 995	274	161	20	14	5 268	1 820	724	170	17	5	

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State													
	Total		Negro		Persons of Puerto Rican birth or parentage		Urban and rural residence							
							Urban		Rural nonfarm		Rural farm			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
Managers and administrators, except farm—Continued														
Managers and administrators, n.e.c., self-employed	17 467	2 567	471	97	123	14	14 600	2 148	2 689	400	178	19		
Construction	3 202	35	120	—	17	—	2 431	22	743	13	28	—		
Manufacturing	1 775	105	—	—	—	—	1 572	90	181	15	22	—		
Transportation	498	81	26	—	6	8	424	74	67	7	7	—		
Communications, and utilities and sanitary services	53	—	—	—	—	—	43	—	5	—	5	—		
Wholesale trade	1 144	83	18	—	9	—	988	83	148	—	8	—		
Retail trade	7 586	1 491	197	54	91	6	6 356	1 253	1 179	229	51	9		
Hardware, farm equipment, and building material retailing	480	33	—	—	—	—	401	28	69	5	10	—		
General merchandise stores	313	127	10	—	—	—	246	96	67	31	—	—		
Food stores	2 018	449	101	21	80	—	1 747	404	266	45	5	—		
Motor vehicles and accessories retailing	356	26	13	—	—	—	290	20	66	6	—	—		
Gasoline service stations	1 853	49	36	—	11	—	1 464	38	384	11	5	—		
Apparel and accessories stores	453	200	—	8	—	—	450	183	3	17	—	—		
Furniture, home furnishings, and equipment stores	467	66	8	13	—	—	353	52	108	14	6	—		
Other retail trade	1 646	541	29	12	—	6	1 405	432	216	100	25	9		
Finance, insurance, and real estate	508	64	5	—	—	—	457	53	40	11	11	—		
Business and repair services	999	116	39	—	—	—	898	101	96	10	5	5		
Personal services	1 288	490	63	36	—	—	1 084	390	171	95	33	5		
All other industries	414	102	3	7	—	—	347	82	59	20	8	—		
Managers and administrators, except farm—allocated	9 015	1 440	352	151	90	12	8 033	1 269	919	166	63	5		
Sales workers	137 522	81 245	3 791	3 423	761	571	124 665	74 001	12 440	6 997	417	247		
Advertising agents and salesmen	2 395	337	56	—	13	—	2 235	308	156	29	4	—		
Auctioneers	92	24	—	—	—	—	82	14	6	10	—	—		
Demonstrators	94	509	4	19	—	—	88	413	6	96	—	—		
Hucksters and peddlers	620	1 171	36	47	—	5	563	992	57	173	—	6		
Insurance agents, brokers, and underwriters	15 794	2 071	472	105	76	12	14 354	1 939	1 415	132	25	—		
Newsboys	1 479	234	77	15	—	—	1 360	206	119	22	—	6		
Real estate agents and brokers	6 161	3 373	129	73	6	—	5 293	2 786	832	555	36	32		
Stock and bond salesmen	6 211	491	33	16	13	—	5 678	446	518	38	15	7		
Salesmen and sales clerks, n.e.c.	96 855	66 348	2 461	2 536	571	460	87 993	60 776	8 562	5 385	300	187		
Sales representatives, manufacturing industries	21 415	1 892	262	56	55	25	19 474	1 729	1 865	163	76	—		
Sales representatives, wholesale trade	22 010	1 396	372	28	79	—	20 084	1 262	1 861	129	65	5		
Sales clerks, retail trade	32 739	58 326	1 414	2 274	338	423	30 098	53 505	2 528	4 654	113	167		
Salesmen, retail trade	13 673	1 991	282	79	80	12	11 987	1 765	1 640	221	46	5		
Salesmen of services and construction	7 018	2 743	131	99	19	—	6 350	2 515	668	218	—	10		
Sales workers—allocated	7 821	6 687	523	612	82	94	7 019	6 121	769	557	33	9		
Clerical and kindred workers	159 568	417 992	12 471	30 041	1 610	2 340	147 959	384 594	11 378	32 032	231	1 366		
Bank tellers	1 722	8 565	89	389	—	56	1 612	7 535	110	997	—	33		
Billing clerks	745	4 537	50	214	6	26	711	4 270	34	253	—	14		
Bookkeepers	13 729	48 373	466	1 737	78	175	12 721	43 856	991	4 379	17	138		
Cashiers	5 863	24 617	459	1 674	40	151	5 238	22 377	599	2 181	26	59		
Clerical assistants, social welfare	—	14	—	5	—	—	4	14	—	—	—	—		
Clerical supervisors, n.e.c.	2 721	2 246	88	238	5	—	2 485	2 093	236	153	—	—		
Collectors, bill and account	993	514	45	56	5	—	903	448	90	66	—	—		
Counter clerks, except food	2 698	5 481	172	390	35	34	2 478	5 081	220	387	—	13		
Dispatchers and starters, vehicle	2 996	385	130	46	7	—	2 772	365	224	20	—	—		
Enumerators and interviewers	404	696	44	72	16	—	365	639	39	52	—	5		
Estimators and investigators, n.e.c.	6 849	3 973	207	225	15	11	6 269	3 691	576	273	4	9		
Expeditors and production controllers	7 027	1 992	178	139	49	24	6 459	1 843	558	140	10	9		
File clerks	2 911	14 502	283	1 449	12	105	2 783	13 613	122	855	6	34		
Insurance adjusters, examiners, and investigators	3 625	1 178	51	127	—	5	3 291	1 116	329	50	5	12		
Library attendants and assistants	723	3 078	55	176	—	—	695	2 832	28	239	—	7		
Mail carriers, post office	9 428	416	902	63	60	7	8 691	316	719	95	18	5		
Mail handlers, except post office	3 209	2 144	304	227	10	5	3 039	2 012	166	122	4	10		
Messengers, including telegraph, and office boys	1 903	271	145	62	20	—	1 797	259	100	12	6	—		
Meter readers, utilities	1 381	14	144	—	27	—	1 286	9	95	—	—	5		
Office machine operators	7 263	18 824	636	2 089	68	83	6 820	17 756	424	1 025	19	43		
Bookkeeping and billing machine	281	2 948	20	195	9	6	258	2 772	23	176	—	—		
Calculating machine	1 122	1 783	9	89	—	8	1 117	1 771	5	12	—	—		
Computer and peripheral equipment	4 223	1 333	315	120	39	—	3 964	1 257	255	67	4	9		
Duplicating machine	356	328	64	21	5	—	334	300	22	23	—	5		
Keypunch	1 545	11 149	176	1 560	7	69	1 455	10 470	75	650	15	29		
Tabulating machine	248	189	22	12	8	—	235	189	13	—	—	—		
Office machine, n.e.c.	488	1 094	30	92	—	—	457	997	31	97	—	—		
Payroll and timekeeping clerks	2 112	5 129	47	228	24	18	1 998	4 767	114	346	—	16		
Postal clerks	8 973	3 018	1 371	1 155	87	5	8 537	2 563	422	433	14	22		
Proofreaders	357	965	—	57	—	—	326	894	31	71	—	—		
Real estate appraisers	688	27	—	—	—	—	641	22	47	5	—	—		
Receptionists	594	9 348	81	552	—	55	549	8 545	45	755	—	48		
Secretaries	3 840	117 137	115	3 868	29	503	3 431	106 917	398	9 743	11	477		
Shipping and receiving clerks	17 137	2 477	1 973	321	551	45	15 956	2 287	1 142	172	39	18		
Statistical clerks	4 409	8 040	156	631	6	46	4 074	7 463	325	549	10	28		
Stenographers	283	4 092	12	256	—	23	247	3 689	36	394	—	9		
Stock clerks and storekeepers	12 799	3 652	1 120	308	182	27	11 890	3 402	909	242	—	8		
Teacher aides, except school monitors	150	3 226	40	770	—	35	139	2 852	11	359	—	15		
Telegraph operators	108	93	6	—	—	—	87	88	21	5	—	—		
Telephone operators	760	16 362	65	1 802	7	58	699	15 191	61	1 109	—	62		
Ticket, station, and express agents	1 995	1 274	92	183	14	7	1 808	1 220	183	54	4	—		
Typists	2 608	46 934	205	4 326	27	370	2 459	44 081	149	2 735	—	118		
Weighters	970	442	134	21	12	—	886	386	84	56	—	—		
Miscellaneous clerical workers	7 794	11 608	321	952	35	41	7 182	10 835	589	750	23	23		
Not specified clerical workers	7 198	16 868	447	1 591	56	85	6 718	15 803	470	1 020	10	45		
Clerical and kindred workers—allocated	10 599	25 480	1 838	3 642	127	340	9 913	23 464	681	1 935	5	81		

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Puerto Rican birth or parentage		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Craftsmen and kindred workers	375 412	16 430	23 149	1 796	4 407	297	328 583	14 984	45 715	1 410	1 114	36
Automobile accessories installers.....	135	5	4	—	15	—	117	—	18	5	—	—
Bakers.....	4 515	605	349	40	177	9	4 254	518	256	87	5	—
Blacksmiths.....	184	9	2	4	—	—	117	9	57	—	10	—
Boilermakers.....	1 323	10	66	—	23	—	1 160	10	163	—	—	—
Bookbinders.....	610	719	19	55	42	19	573	688	37	26	—	5
Brickmasons and stonemasons.....	7 612	93	1 032	5	71	13	6 504	68	1 085	25	23	—
Bulldozer operators.....	1 623	9	200	—	20	—	1 139	9	459	—	25	—
Cabinetmakers.....	2 157	45	80	—	89	5	1 893	40	250	5	14	—
Carpenters.....	26 818	270	1 080	17	201	14	21 270	221	5 463	49	85	—
Carpet installers.....	1 359	5	72	—	7	—	1 211	5	144	—	4	—
Cement and concrete finishers.....	1 732	15	235	—	54	—	1 430	15	302	—	—	—
Compositors and typesetters.....	6 608	853	352	87	95	8	6 155	757	444	96	9	—
Cranemen, derrickmen, and hoistmen.....	3 548	72	558	3	45	—	2 981	55	558	17	9	—
Decorators and window dressers.....	1 478	959	33	26	29	—	1 345	824	125	120	8	15
Dental laboratory technicians.....	1 072	227	87	29	9	—	1 013	222	59	5	—	—
Electricians.....	18 073	257	498	53	86	16	15 875	251	2 151	6	47	—
Electric power linemen and cablemen.....	3 285	16	95	6	—	—	2 602	11	678	5	5	—
Electrotypers and stereotypers.....	253	4	—	—	—	—	235	4	14	—	4	—
Engravers, except photoengravers.....	432	96	23	—	36	—	384	82	48	14	—	—
Excavating, grading, and road machine operators, except bulldozer.....	5 145	79	331	12	34	—	3 662	69	1 407	10	76	—
Floor layers, except tile setters.....	904	10	53	—	—	—	818	10	86	—	—	—
Foremen, n.e.c.	58 366	5 879	2 821	572	702	68	51 896	5 442	6 254	431	216	6
Construction.....	5 293	21	265	4	23	—	4 357	21	909	—	27	—
Manufacturing.....	36 701	4 003	1 629	369	524	64	32 982	3 759	3 613	238	106	6
Durable goods.....	19 520	1 323	792	169	277	15	17 495	1 278	1 981	45	44	—
Nondurable goods, including not specified manufacturing.....	17 181	2 680	837	200	247	49	15 487	2 481	1 632	193	62	6
Transportation, communications, and other public utilities.....	5 993	225	224	17	35	—	5 378	217	587	8	28	—
All other industries.....	10 379	1 630	703	182	120	4	9 179	1 445	1 145	185	55	—
Forgemen and hammermen.....	190	46	27	—	—	—	169	35	21	11	—	—
Furniture and wood finishers.....	553	24	13	—	28	—	500	10	53	14	—	—
Furriers.....	124	26	—	—	—	—	124	26	—	—	—	—
Glaziers.....	865	12	25	—	—	—	766	12	99	—	—	—
Heat treaters, annealers, and temperers.....	579	24	82	—	5	—	540	24	27	—	12	—
Inspectors, scalers, and graders, log and lumber.....	21	—	15	—	—	—	21	—	—	—	—	—
Inspectors, n.e.c.	3 551	249	160	25	10	—	3 194	240	329	9	28	—
Construction.....	657	11	14	—	—	—	535	11	116	—	6	—
Railroads and railway express service.....	619	—	38	—	—	—	567	—	47	—	5	—
Jewelers and watchmakers.....	1 271	144	32	21	13	—	1 184	138	81	6	6	—
Job and die setters, metal.....	3 237	63	248	5	64	—	3 056	63	181	—	—	—
Locomotive engineers.....	1 075	—	26	—	—	—	974	10	101	5	—	—
Locomotive firemen.....	248	21	—	16	—	—	230	21	18	—	—	—
Machinists.....	14 082	378	811	88	205	—	12 510	359	1 528	19	44	—
Mechanics and repairmen	85 907	1 247	5 646	181	1 179	35	74 797	1 107	10 902	130	208	10
Air conditioning, heating, and refrigeration.....	5 349	26	261	—	75	—	4 698	26	647	—	4	—
Aircraft.....	2 095	61	34	—	—	—	1 667	48	428	9	4	—
Automobile body repairmen.....	3 476	43	358	6	64	6	3 113	43	358	—	5	—
Automobile mechanics.....	29 362	305	2 723	38	444	15	25 372	260	3 872	45	118	—
Data processing machine repairmen.....	1 574	35	45	—	—	—	1 415	35	159	—	9	—
Farm implement.....	264	—	24	—	—	—	150	—	85	—	—	—
Heavy equipment mechanics, including diesel.....	22 800	373	1 144	76	316	7	19 672	340	3 090	27	38	6
Household appliance and accessory installers and mechanics.....	4 439	25	170	—	29	—	3 977	12	456	13	6	—
Loom fixers.....	211	—	4	—	—	—	193	—	18	—	—	—
Office machine.....	1 416	17	38	4	—	—	1 292	17	124	—	—	—
Radio and television.....	4 477	125	234	17	78	—	3 977	111	500	14	—	—
Railroad and car shop.....	977	—	53	—	—	—	894	—	83	6	—	—
Miscellaneous mechanics and repairmen.....	6 595	151	318	34	99	—	5 836	146	742	5	17	—
Not specified mechanics and repairmen.....	2 892	75	188	—	32	7	2 541	64	340	11	11	—
Millers, grain, flour, and feed.....	44	—	8	—	—	—	28	—	16	—	—	—
Millwrights.....	2 529	25	76	4	—	—	2 077	25	408	—	24	—
Molders, metal.....	1 378	155	283	40	29	6	1 297	140	101	15	—	—
Motion picture projectionists.....	401	—	3	—	—	—	383	—	18	—	—	—
Opticians, and lens grinders and polishers.....	425	127	18	33	7	—	594	118	31	9	—	—
Painters, construction and maintenance.....	10 593	321	911	30	161	6	9 328	304	1 247	17	18	—
Paperhangers.....	368	6	13	—	—	—	344	6	19	—	5	—
Pattern and model makers, except paper.....	1 329	90	17	4	—	—	1 227	84	92	6	10	—
Photoengravers and lithographers.....	1 660	118	17	—	6	—	1 537	109	123	9	—	—
Piano and organ tuners and repairmen.....	215	5	25	5	—	—	194	5	21	—	—	—
Plasterers.....	571	7	119	—	6	—	523	7	48	—	—	—
Plumbers and pipe fitters.....	16 360	155	500	5	41	—	13 926	129	2 401	26	33	—
Power station operators.....	504	5	—	—	—	—	414	5	90	—	—	—
Pressmen and plate printers, printing.....	6 903	473	360	42	94	18	6 423	428	469	45	11	—
Rollers and finishers, metal.....	310	14	49	—	8	—	276	14	34	—	4	—
Roofers and slaters.....	2 287	12	39	7	19	—	2 061	12	222	—	—	—
Sheetmetal workers and tinsmiths.....	5 729	33	93	—	19	—	5 220	23	494	10	15	—
Shipfitters.....	225	—	—	—	—	—	213	—	12	—	—	—
Shoe repairmen.....	945	48	47	11	6	18	919	—	26	12	—	—
Sign painters and letterers.....	568	31	48	4	—	—	511	36	57	10	—	—
Stationary engineers.....	6 351	74	312	18	16	—	5 476	67	857	7	18	—
Stone cutters and stone carvers.....	143	4	—	4	9	—	125	4	18	—	—	—
Structural metal craftsmen.....	3 397	28	55	—	6	—	3 054	28	343	—	—	—
Tailors.....	2 846	625	137	65	80	46	2 714	588	132	37	5	—
Telephone installers and repairmen.....	9 842	251	450	36	20	—	8 722	229	1 115	22	7	—
Telephone linemen and splicers.....	1 742	17	45	—	—	—	1 474	10	256	7	12	—
Tile setters.....	1 155	6	50	—	15	—	1 018	—	126	6	11	—
Tool and die makers.....	8 250	123	183	21	19	—	7 527	111	701	12	22	—
Upholsterers.....	1 376	66	114	5	47	—	1 274	66	102	15	18	—
Craftsmen and kindred workers, n.e.c.....	3 338	151	175	2	100	9	2 926	136	394	—	—	—
Former members of the Armed Forces.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Craftsmen and kindred workers—allocated.....	24 493	963	3 922	215	454	—	22 079	913	2 344	50	70	—

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Puerto Rican birth or parentage		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Operatives, except transport	232 878	186 184	33 438	32 941	10 284	7 127	211 775	171 014	20 454	14 717	649	453
Asbestos and insulation workers.....	898	14	19	—	—	—	832	14	60	—	6	—
Assemblers.....	15 687	21 017	2 286	4 302	817	782	14 611	19 587	1 032	1 395	44	35
Blasters and powdermen.....	127	16	28	7	—	—	103	7	24	9	—	—
Bottling and canning operatives.....	1 309	558	184	102	42	32	1 157	470	147	77	5	11
Chainmen, rodmen, and oxmen; surveying.....	284	4	—	—	—	—	240	4	44	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	15 590	17 243	1 365	2 629	257	230	14 259	15 265	1 284	1 906	47	72
Clothing ironers and pressers.....	3 372	4 155	840	2 393	294	99	3 176	3 912	196	234	—	9
Cutting operatives, n.e.c.....	4 994	2 480	673	261	358	129	4 671	2 221	308	250	15	9
Dressmakers and seamstresses, except factory.....	267	2 760	32	319	9	34	251	2 565	16	195	—	—
Drillers, earth.....	691	150	26	27	47	20	462	132	224	18	5	—
Dry wall installers and lathers.....	1 278	21	100	—	13	23	1 058	15	210	6	10	—
Dyers.....	1 493	61	162	—	35	7	1 405	61	82	—	6	—
Filters, polishers, sanders, and buffers.....	2 761	617	440	92	222	21	2 546	536	215	81	—	—
Furnacemen, smelters, and pourers.....	1 544	69	426	11	61	—	1 463	64	81	5	—	—
Garage workers and gas station attendants.....	10 287	233	730	14	117	—	8 866	175	1 392	58	29	—
Graders and sorters, manufacturing.....	331	642	102	127	33	18	281	566	45	76	5	—
Produce graders and packers, except factory and farm.....	106	185	27	29	46	—	89	122	17	63	—	—
Heaters, metal.....	33	—	8	—	—	—	28	6	5	—	—	—
Laundry and drycleaning operatives, n.e.c.....	2 219	2 854	493	1 022	68	97	2 090	2 661	129	182	—	11
Meat cutters and butchers, except manufacturing.....	8 242	444	458	50	71	—	7 503	375	721	69	18	—
Meat cutters and butchers, manufacturing.....	635	116	149	45	101	—	604	101	25	15	6	—
Meat wrappers, retail trade.....	126	2 084	28	102	—	—	109	1 826	17	253	—	5
Metal platers.....	1 215	136	191	20	63	—	1 118	102	87	34	10	—
Milliners.....	11	78	6	—	—	—	11	78	—	—	—	—
Mine operatives, n.e.c.....	574	108	74	15	17	—	365	90	198	11	11	7
Mixing operatives.....	4 430	176	924	53	236	12	4 089	167	337	9	4	—
Oilers and greasers, except auto.....	1 090	79	96	24	19	—	946	67	144	12	—	—
Packers and wrappers, except meat and produce.....	10 615	21 123	1 576	2 997	1 015	922	9 816	19 239	754	1 815	45	69
Painters, manufactured articles.....	3 508	529	610	75	175	29	3 192	474	309	49	7	6
Photographic process workers.....	1 590	821	87	75	22	—	1 507	774	83	47	—	—
Precision machine operatives	12 348	1 447	197	197	351	37	11 313	1 313	1 014	128	21	6
Drill press operatives.....	2 092	643	201	116	73	26	1 909	584	177	59	6	—
Grinding machine operatives.....	3 476	224	285	20	59	6	3 249	206	218	18	9	—
Lothe and milling machine operatives.....	5 073	349	287	31	144	5	4 606	305	467	38	—	6
Precision machine operatives, n.e.c.....	1 707	231	148	30	75	—	1 549	218	152	13	6	—
Punch and stamping press operatives.....	2 681	2 133	354	359	190	10	2 547	1 995	134	138	—	—
Riveters and fasteners.....	192	212	35	27	19	26	166	191	26	21	—	—
Sailors and deckhands.....	987	9	56	—	27	—	752	5	230	4	5	—
Sawyers.....	888	125	82	14	56	—	706	110	157	15	25	—
Sewers and stitchers.....	2 920	39 751	223	3 516	217	1 918	2 785	36 740	123	2 927	12	84
Shoemaking machine operatives	243	225	14	36	24	38	243	216	—	9	—	—
Solderers.....	487	2 034	71	367	53	78	462	1 859	25	169	—	6
Stationary firemen.....	4 364	207	533	41	20	—	3 806	183	533	24	25	—
Textile operatives	5 263	3 081	370	211	439	143	4 957	2 845	306	236	—	—
Carding, lapping, and combing operatives.....	31	—	19	—	—	—	31	—	—	—	—	—
Knitters, loopers, and toppers.....	924	513	72	29	77	25	843	420	81	93	—	—
Spinners, twistors, and winders.....	623	753	22	19	68	29	609	721	14	32	—	—
Weavers.....	474	260	11	6	46	17	419	241	55	19	—	—
Textile operatives, n.e.c.....	3 211	1 555	246	157	248	72	3 055	1 463	156	92	—	—
Welders and flamecutters	12 042	1 382	1 289	265	250	31	10 681	1 287	1 316	95	45	—
Winding operatives, n.e.c.....	1 278	1 619	141	183	19	22	1 064	1 515	210	104	4	—
Miscellaneous and not specified operatives.....	75 193	36 722	11 801	7 454	3 918	1 840	67 749	33 676	7 218	2 961	226	85
Occupation:												
Machine operatives, miscellaneous specified.....	28 450	13 381	4 414	2 547	1 213	488	25 346	12 104	3 027	1 247	77	30
Machine operatives, not specified.....	23 194	9 831	4 259	2 382	1 725	587	21 191	9 145	1 930	665	73	21
Miscellaneous operatives.....	15 671	7 434	2 094	1 475	605	296	14 208	6 789	1 424	632	39	13
Not specified operatives.....	7 878	6 076	1 034	1 050	375	469	7 004	5 638	837	417	37	21
Industry:												
Manufacturing	66 793	34 149	10 566	6 871	3 674	1 809	60 291	31 326	6 312	2 750	190	73
Durable goods	31 278	17 561	4 841	3 930	1 870	920	28 248	16 100	2 915	1 425	115	36
Lumber and wood products, except furniture.....	505	117	81	29	28	8	477	103	24	14	4	—
Furniture and fixtures.....	655	196	79	37	113	16	606	178	44	18	5	—
Stone, clay, and glass products.....	4 826	1 431	724	254	206	26	3 869	1 106	928	312	29	13
Primary metal industries.....	4 761	511	1 080	117	244	7	4 367	413	381	98	13	—
Blast furnaces, steel works, and rolling and finishing mills.....	802	22	260	17	26	—	709	22	93	—	—	—
Fabricated metal industries, including not specified metal.....	4 938	1 814	744	365	359	96	4 598	1 666	326	148	14	—
Machinery, except electrical.....	3 724	893	358	171	211	54	3 403	869	294	24	27	—
Electrical machinery, equipment, and supplies.....	5 701	7 973	861	1 998	341	282	5 348	7 519	341	442	12	12
Transportation equipment.....	1 638	460	281	60	51	29	1 437	414	196	46	5	—
Motor vehicles and motor vehicle equipment.....	935	288	191	45	23	23	844	253	91	35	—	—
Professional and photographic equipment, and watches.....	1 379	923	129	141	29	83	1 274	858	99	65	—	—
Ordnance.....	284	255	19	63	9	6	206	196	78	59	—	—
Miscellaneous manufacturing industries.....	2 696	2 911	456	670	261	313	2 499	2 704	191	196	6	11
Durable goods—allocated.....	177	77	29	25	18	—	164	74	13	3	—	—
Nondurable goods	34 733	16 050	5 528	2 821	1 675	829	31 329	14 717	3 329	1 302	75	31
Food and kindred products.....	4 667	1 649	649	426	79	3	3 991	1 343	519	286	17	20
Tobacco manufactures.....	32	37	—	—	9	—	32	37	—	—	—	—
Apparel and other fabricated textile products.....	1 348	4 362	168	539	131	365	1 293	4 128	55	234	—	—
Paper and allied products.....	4 757	1 585	867	278	433	91	4 342	1 484	405	96	10	5
Printing, publishing, and allied industries.....	1 594	1 427	118	124	82	35	1 525	1 348	64	79	5	—
Chemicals and allied products.....	14 166	2 929	2 152	474	241	41	12 703	2 789	1 429	134	34	6
Petroleum and coal products.....	1 194	28	154	5	—	—	1 060	18	129	10	5	—
Rubber and miscellaneous plastic products.....	6 024	2 808	1 190	748	318	80	5 338	2 403	682	405	4	—
Leather and leather products.....	1 007	1 114	212	194	117	194	980	1 066	27	48	—	—
Nondurable goods—allocated.....	144	111	16	15	—	—	125	101	19	10	—	—
Not specified manufacturing industries.....	782	538	197	120	129	60	714	509	68	23	—	6
Nonmanufacturing industries	8 400	2 573	1 235	583	244	31	7 458	2 350	906	211	36	12
Construction.....	845	72	72	14	20	5	742	72	94	—	9	—
Transportation, communications, and other public utilities.....	1 983	126	288	14	33	—	1 798	126	174	—	11	—
Wholesale and retail trade.....	3 130	1 245	535	289	102	13	2 732	1 103	382	130	16	12
Business and repair services.....	1 337	394	138	77	63	—	1 245	387	92	7	—	—

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

(Data based on sample, see text. For meaning of symbols, see text)

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Puerto Rican birth or parentage		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport equipment operatives	105 379	5 518	16 448	473	1 740	43	94 054	3 958	10 891	1 464	434	96
Boatmen and canalmen.....	185	—	—	—	—	—	143	—	42	—	—	—
Bus drivers.....	7 880	3 393	833	142	59	16	7 007	2 115	849	1 186	24	92
Conductors and motormen, urban rail transit.....	170	20	41	14	—	—	148	20	22	—	—	—
Deliverymen and routemen.....	24 680	621	2 189	68	375	17	22 364	560	2 232	61	84	—
Fork lift and tow motor operatives.....	9 405	120	1 990	33	309	10	8 518	99	887	17	—	4
Motormen, mine, factory, logging camp, etc.....	24	—	6	—	—	—	24	—	—	—	—	—
Parking attendants.....	843	29	213	—	27	—	814	25	29	4	—	—
Railroad brakemen.....	1 021	24	72	—	—	—	927	24	94	—	—	—
Railroad switchmen.....	781	5	23	—	—	—	745	5	36	—	—	—
Taxicab drivers and chauffeurs.....	4 585	257	832	36	88	—	4 347	229	238	28	—	—
Truck drivers.....	47 852	545	8 155	118	734	—	41 672	502	5 886	43	294	—
Transport equipment operatives—allocated.....	7 953	504	2 094	62	148	—	7 345	379	576	125	32	—
Laborers, except farm	100 706	8 154	19 006	1 372	2 994	211	89 999	7 225	10 224	902	483	27
Animal caretakers, except farm.....	807	375	43	7	7	—	615	285	181	78	11	12
Carpenters' helpers.....	853	10	141	—	12	—	661	10	166	—	26	—
Construction laborers, except carpenters' helpers.....	16 396	237	3 679	72	301	7	13 960	182	2 364	55	72	—
Fishermen and oystermen.....	591	57	37	—	—	—	332	10	259	47	—	—
Freight and material handlers.....	20 860	1 198	3 760	210	763	25	19 501	1 075	1 295	123	64	—
Garbage collectors.....	2 269	40	841	20	26	—	1 961	29	298	11	10	—
Gardeners and groundskeepers, except farm.....	8 468	190	706	25	177	—	6 853	162	1 499	28	116	—
Longshoremen and stevedores.....	2 955	74	661	13	33	—	2 903	74	45	—	7	—
Lumbermen, raftsmen, and woodchoppers.....	197	5	44	—	—	—	151	5	40	—	6	—
Stock handlers.....	15 972	3 057	1 040	409	308	21	14 643	2 800	1 292	257	37	—
Teamsters.....	51	—	8	—	—	—	42	—	9	—	—	—
Vehicle washers and equipment cleaners.....	3 167	253	759	41	161	6	2 858	226	304	27	5	—
Warehousemen, n.e.c.....	4 440	86	522	—	70	—	4 092	76	326	10	22	—
Miscellaneous and not specified laborers.....	13 067	1 811	2 683	285	864	131	11 516	1 581	1 487	219	64	11
Occupation:												
Miscellaneous laborers.....	3 644	489	767	57	125	13	3 189	403	436	80	19	6
Not specified laborers.....	9 423	1 322	1 916	228	739	118	8 327	1 178	1 051	139	45	5
Industry:												
Manufacturing.....	6 247	1 128	1 269	168	581	124	5 551	1 025	692	97	4	6
Durable goods.....	3 475	651	732	104	243	56	3 050	592	421	59	4	—
Lumber and wood products, except furniture.....	97	16	21	—	—	—	57	10	40	6	—	—
Furniture and fixtures.....	55	4	6	—	20	—	40	4	15	—	—	—
Stone, clay, and glass products.....	584	96	108	12	47	—	475	70	109	26	—	—
Primary metal industries.....	896	18	213	4	50	—	817	18	79	—	—	—
Blast furnaces, steel works, and rolling and finishing mills.....	254	—	52	—	6	—	236	—	18	—	—	—
Fabricated metal industries, including not specified metal.....	594	102	142	19	22	—	545	102	49	—	—	—
Machinery, except electrical.....	394	36	93	14	35	—	350	36	44	—	—	—
Electrical machinery, equipment, and supplies.....	303	199	62	21	31	39	288	193	15	6	—	—
Transportation equipment.....	173	24	28	7	27	6	163	20	10	4	—	—
Motor vehicles and motor vehicle equipment.....	85	13	20	—	14	6	85	13	—	—	—	—
Professional and photographic equipment, and watches.....	65	36	—	—	—	—	59	36	6	—	—	—
Ordinance.....	43	20	—	4	—	—	25	20	18	—	—	—
Miscellaneous manufacturing industries.....	231	100	59	23	3	11	195	83	36	17	—	—
Durable goods—allocated.....	40	—	—	—	8	—	36	—	—	—	4	—
Non-durable goods.....	2 590	438	500	56	304	62	2 323	399	267	33	—	6
Food and kindred products.....	619	80	134	5	108	15	554	69	65	11	—	—
Tobacco manufactures.....	4	—	—	—	—	—	—	—	4	—	—	—
Textile mill products.....	148	5	39	—	9	—	138	5	10	—	—	—
Apparel and other fabricated textile products.....	90	72	16	20	24	23	80	67	10	5	—	—
Paper and allied products.....	210	27	23	—	16	—	188	21	22	6	—	—
Printing, publishing, and allied industries.....	101	58	13	5	28	—	101	54	—	4	—	—
Chemicals and allied products.....	755	81	152	10	37	6	680	81	75	—	—	—
Petroleum and coal products.....	163	—	19	—	—	—	144	—	19	—	—	—
Rubber and miscellaneous plastic products.....	399	71	71	16	75	9	349	58	50	7	—	6
Leather and leather products.....	68	28	15	—	7	—	60	28	8	—	—	—
Non-durable goods—allocated.....	33	16	18	—	—	—	29	16	4	—	—	—
Not specified manufacturing industries.....	182	39	37	8	34	6	178	34	4	5	—	—
Nonmanufacturing industries.....	6 820	683	1 414	117	283	7	5 965	556	795	122	60	5
Transportation, communications, and other public utilities.....	2 214	41	536	6	87	—	2 026	31	176	5	12	—
Wholesale and retail trade.....	2 070	261	443	33	72	7	1 810	202	245	59	15	—
Business and repair services.....	533	84	67	25	62	—	411	75	122	9	—	—
Public administration.....	492	62	102	12	18	—	474	33	18	29	—	—
All other industries.....	1 511	235	266	41	44	—	1 244	215	234	20	33	—
Laborers, except farm—allocated.....	10 613	761	4 082	248	272	12	9 911	710	659	47	43	4
Farmers and farm managers	6 397	1 026	406	221	6	—	2 027	478	1 236	155	3 134	393
Farmers, owners and tenants.....	4 593	587	51	16	—	—	1 009	172	792	76	2 792	339
Farm managers.....	798	40	19	—	—	—	339	16	200	5	259	19
Farmers and farm managers—allocated.....	1 006	399	336	205	6	—	679	290	244	74	83	35
Farm laborers and farm foremen	6 566	1 606	1 044	463	672	28	2 775	829	2 582	491	1 209	286
Farm foremen.....	168	5	8	—	15	—	89	5	54	—	25	—
Farm laborers, wage workers.....	4 963	695	578	129	631	20	1 761	300	2 295	324	907	71
Farm laborers, unpaid family workers.....	339	267	—	4	—	—	20	22	66	58	253	187
Farm service laborers, self-employed.....	27	4	—	4	—	—	10	4	12	—	5	—
Farm laborers and farm foremen—allocated.....	1 069	635	458	326	26	8	895	498	155	109	19	28

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

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

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

	The State											
	Total		Negro		Persons of Puerto Rican birth or parentage		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Service workers, except private household	147 987	131 487	21 339	24 300	3 282	1 161	135 605	116 752	12 032	14 229	350	506
Cleaning service workers.....	42 987	14 071	8 327	4 103	923	156	38 781	12 552	4 073	1 482	133	37
Chambermaids and maids, except private household.....	268	3 475	62	1 261	—	52	231	3 024	37	431	—	20
Cleaners and charwomen.....	8 433	7 048	2 383	2 089	270	60	7 958	6 452	470	591	5	5
Janitors and sextons.....	34 286	3 548	5 882	753	653	44	30 592	3 076	3 566	460	128	12
Food service workers	33 116	49 355	3 894	3 894	1 493	247	30 256	42 762	2 765	6 347	95	246
Bartenders.....	8 384	798	599	101	92	4	7 698	688	681	105	5	5
Busboys.....	2 275	297	113	17	93	—	2 093	221	182	60	—	16
Cooks, except private household.....	11 538	6 939	1 814	1 169	579	48	10 436	5 747	1 052	1 144	50	48
Dishwashers.....	3 075	909	394	92	255	—	2 715	725	340	184	20	—
Food counter and fountain workers.....	1 620	4 457	127	317	62	8	1 512	4 022	103	435	5	—
Waiters.....	3 254	28 501	287	1 104	202	124	3 111	24 976	137	3 405	6	120
Food service workers, n.e.c., except private household.....	2 970	7 454	560	1 094	210	63	2 691	6 383	270	1 014	9	57
Health service workers	3 087	29 179	1 269	9 370	100	179	2 724	26 080	349	2 979	14	120
Dental assistants.....	67	3 535	7	130	—	19	67	3 303	—	232	—	—
Health aides, except nursing.....	350	2 992	80	551	25	12	322	2 809	28	161	—	22
Health trainees.....	30	655	7	23	—	—	26	636	—	15	4	4
Lay midwives.....	5	20	—	6	—	—	—	14	5	6	—	—
Nursing aides, orderlies, and attendants.....	2 434	15 763	1 110	6 844	75	113	2 133	13 886	298	1 808	3	69
Practical nurses.....	201	6 214	65	1 816	—	35	176	5 432	18	757	7	25
Personal service workers	14 106	20 969	1 443	2 658	240	348	13 042	18 838	1 033	2 049	31	82
Airline stewardesses.....	43	803	—	26	—	—	4	751	—	52	—	—
Attendants, recreation and amusement.....	1 595	494	85	93	35	7	1 432	438	163	52	—	4
Attendants, personal service, n.e.c.....	723	1 646	189	267	9	8	705	1 546	18	100	—	—
Baggage porters and bellhops.....	488	—	166	—	10	—	—	—	28	—	—	—
Barbers.....	5 579	169	548	65	87	—	5 184	148	381	21	14	—
Boarding and lodging house keepers.....	41	175	—	40	—	—	41	166	—	9	—	—
Bootblacks.....	35	5	21	5	—	—	35	5	—	—	—	—
Child care workers, except private household.....	252	2 413	51	575	—	28	156	2 021	96	379	—	13
Elevator operators.....	898	302	141	97	21	—	868	302	30	—	—	—
Hairdressers and cosmetologists.....	3 149	11 798	94	977	38	254	2 954	10 666	178	1 082	17	50
Housekeepers, except private household.....	787	1 860	116	266	28	5	717	1 614	70	243	—	3
School monitors.....	30	653	—	36	—	—	19	596	11	51	—	6
Ushers, recreation and amusement.....	431	106	—	9	4	—	378	106	53	—	—	—
Welfare service aides.....	55	545	27	202	8	42	50	479	5	60	—	6
Protective service workers	42 418	4 465	3 016	494	213	7	39 248	4 200	3 112	255	58	10
Crossing guards and bridge tenders.....	2 088	2 795	95	188	—	7	1 938	2 691	150	104	—	—
Firemen, fire protection.....	7 626	49	240	—	—	—	7 309	33	304	11	13	5
Guards and watchmen.....	12 733	905	1 457	191	81	—	11 632	794	1 080	106	21	5
Marshals and constables.....	75	8	5	—	—	—	75	8	—	—	—	—
Policemen and detectives.....	19 271	618	1 213	115	132	—	17 723	595	1 524	23	24	—
Sheriffs and bailiffs.....	625	90	6	—	—	—	571	79	54	11	—	—
Service workers, except private household—allocated.....	12 273	13 448	3 390	3 781	313	224	11 554	12 320	700	1 117	19	11
Private household workers	886	25 220	395	15 057	—	122	777	22 981	104	2 155	5	84
Occupation:												
Child care workers, private household.....	80	2 664	13	350	—	22	64	2 316	16	345	—	3
Cooks, private household.....	49	727	20	344	—	—	32	673	17	50	—	4
Housekeepers, private household.....	79	2 237	12	1 082	—	—	59	2 011	20	193	—	33
Laundresses, private household.....	32	169	16	89	—	—	32	150	—	19	—	—
Maids and servants, private household.....	538	15 229	280	10 007	—	70	493	13 789	40	1 399	5	41
Private household workers—allocated.....	108	4 194	54	3 185	—	30	97	4 042	11	149	—	3
Living arrangement:												
Living in.....	84	3 169	29	1 358	—	33	70	2 766	9	375	5	28
Living out.....	802	22 051	366	13 699	—	89	707	20 215	95	1 780	—	56

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Allentown-Bethlehem-Easton, Pa.- N.J.		Jersey City		Newark		Paterson-Clifton-Passaic	
	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	142 679	87 255	153 799	101 082	467 528	294 775	361 383	215 515
Professional, technical, and kindred workers	18 549	10 346	15 495	11 013	83 515	47 125	61 234	34 523
Accountants	1 417	249	1 652	462	7 237	1 332	6 582	952
Architects	62	4	121	9	546	28	482	5
Computer specialists	549	83	693	130	2 974	853	2 329	504
Computer programmers	322	74	514	104	1 737	662	1 381	409
Computer systems analysts	205	9	151	26	1 036	157	825	83
Computer specialists, n.e.c.	22	—	28	—	201	34	123	12
Engineers	3 333	30	1 728	79	18 247	210	11 900	130
Aeronautical and astronautical	11	—	18	—	138	5	321	—
Chemical	242	7	66	5	1 997	10	720	—
Civil	358	—	304	5	1 858	9	1 385	25
Electrical and electronic	789	14	487	16	4 651	68	3 215	55
Industrial	590	9	241	38	2 413	58	1 815	32
Mechanical	495	—	259	5	3 080	4	1 706	9
Metallurgical and materials	191	—	20	—	201	10	99	—
Mining	27	—	—	—	10	—	14	—
Petroleum	—	—	—	—	39	—	19	—
Sales	109	—	64	6	1 197	5	814	—
Engineers, n.e.c.	521	—	269	4	2 663	41	1 792	9
Farm management advisors	11	5	—	—	15	—	—	—
Foresters and conservationists	10	—	8	—	19	—	36	—
Home management advisors	—	4	—	—	—	8	—	39
Lawyers and judges	396	31	637	15	4 015	189	2 299	84
Judges	—	—	49	—	104	—	53	—
Lawyers	396	31	588	15	3 911	189	2 246	84
Librarians, archivists, and curators	79	187	19	166	301	1 159	176	745
Librarians	66	183	19	166	267	1 145	118	745
Archivists and curators	13	4	—	—	34	14	58	—
Mathematical specialists	53	19	58	36	394	154	237	158
Actuaries	11	—	—	7	127	30	100	33
Mathematicians	5	5	4	5	127	42	32	16
Statisticians	37	14	54	24	140	82	105	109
Life and physical scientists	533	68	335	84	3 820	605	1 992	392
Agricultural	11	—	—	—	49	—	19	—
Atmospheric and space	4	4	—	—	16	—	21	5
Biological	41	47	6	20	349	218	115	155
Chemists	403	17	319	64	2 996	371	1 718	227
Geologists	31	—	—	—	13	5	11	—
Marine	5	—	4	—	10	—	17	—
Physicists and astronomers	38	—	—	—	382	11	85	—
Life and physical, n.e.c.	—	—	6	—	5	—	6	5
Operations and systems researchers and analysts	185	12	255	52	1 194	94	914	85
Personnel and labor relations workers	483	143	485	233	2 757	1 246	2 087	850
Physicians, dentists, and related practitioners	1 377	100	1 052	89	5 861	611	4 462	395
Chiropractors	65	5	16	—	104	6	74	—
Dentists	258	16	198	14	1 061	49	848	44
Optometrists	70	—	25	—	213	—	130	—
Pharmacists	211	44	211	14	1 143	—	791	104
Physicians, medical and osteopathic	727	35	571	50	3 947	431	2 471	242
Podiatrists	19	—	25	—	89	—	88	5
Veterinarians	27	—	6	—	95	8	50	—
Health practitioners, n.e.c.	—	—	—	—	—	6	10	—
Registered nurses, dietitians, and therapists	83	2 797	83	2 282	526	9 432	249	6 815
Dietitians	—	42	—	62	20	355	4	190
Registered nurses	22	2 645	38	2 126	285	8 593	99	6 281
Therapists	61	110	45	94	221	484	146	344
Health technologists and technicians	146	404	180	359	589	1 405	453	1 182
Clinical laboratory technologists and technicians	5	165	72	188	224	677	175	523
Dental hygienists	6	43	—	—	—	96	17	104
Health record technologists and technicians	—	16	—	15	12	42	4	25
Radiologic technologists and technicians	32	120	56	76	165	327	132	255
Therapy assistants	5	—	—	13	5	16	8	8
Health technologists and technicians, n.e.c.	49	60	52	67	183	247	125	267
Religious workers	581	39	422	49	1 487	239	1 051	97
Clergymen	553	9	380	16	1 372	40	982	17
Religious workers, n.e.c.	28	30	42	33	115	199	69	80
Social scientists	145	38	167	35	1 487	290	1 088	222
Economists	110	5	128	19	1 221	92	893	85
Political scientists	—	—	—	—	15	—	5	—
Psychologists	15	22	17	16	177	162	123	122
Sociologists	—	—	—	—	3	6	13	5
Urban and regional planners	15	11	22	—	71	21	44	4
Social scientists, n.e.c.	5	—	—	—	—	9	10	6
Social and recreation workers	165	266	433	361	1 108	1 786	707	871
Social	113	222	374	321	888	1 551	602	785
Recreation	52	44	59	40	220	235	105	86
Teachers, college and university	1 079	308	378	153	1 829	871	1 379	586
Biology	33	5	—	—	61	49	58	52
Chemistry	30	12	20	—	51	31	81	13
Engineering	86	—	24	—	73	—	101	5
Physics	66	—	24	—	57	4	76	—
Other life and physical sciences	15	4	5	—	19	—	—	—
Mathematics	110	16	10	—	137	15	80	9
Economics	39	—	—	—	50	—	25	6
English	90	6	16	15	116	107	66	94
History	53	—	5	—	80	24	19	12
Miscellaneous social sciences	73	26	17	—	118	48	81	12
Other specified teachers	239	152	41	48	458	294	344	188
Not specified teachers	245	87	205	90	609	299	401	188

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Allentown—Bethlehem—Easton, Pa.— N.J.		Jersey City		Newark		Paterson—Clifton—Passaic	
	Male	Female	Male	Female	Male	Female	Male	Female
Professional, technical, and kindred workers—Continued								
Teachers, except college and university	2 548	4 355	1 899	4 365	8 229	19 483	6 064	14 752
Adult education	37	28	50	47	136	168	94	134
Elementary school	599	2 606	691	2 968	2 352	11 663	1 527	9 275
Prekindergarten and kindergarten	6	302	4	209	37	1 410	19	891
Secondary school	1 770	1 094	1 072	1 006	5 137	5 167	3 937	3 823
Teachers, except college and university, n.e.c.	136	325	82	135	567	1 075	487	629
Engineering and science technicians	2 965	180	1 799	237	8 172	1 364	5 913	797
Agriculture and biological, except health	20	14	93	26	304	254	157	114
Chemical	192	5	219	45	1 084	299	481	116
Draftsmen	1 559	41	860	37	3 383	243	2 574	142
Electrical and electronic engineering	314	33	256	49	1 372	87	1 138	56
Industrial engineering	81	10	44	8	152	37	141	19
Mechanical engineering	57	—	4	—	85	—	123	6
Mathematical	—	—	—	—	—	—	—	—
Surveyors	95	5	51	—	291	8	315	4
Engineering and science, n.e.c.	647	72	272	72	1 501	436	984	340
Technicians, except health, and engineering and science	241	22	157	33	866	116	872	83
Airplane pilots	102	—	33	—	459	—	448	4
Air traffic controllers	25	—	13	—	53	—	61	5
Embalmers	—	—	19	—	8	—	14	—
Flight engineers	6	—	7	—	45	—	48	—
Radio operators	36	11	59	20	102	31	150	44
Tool programmers, numerical control	6	—	10	7	35	20	31	3
Technicians, n.e.c.	66	11	16	6	164	65	120	27
Vocational and educational counselors	174	102	100	108	493	430	328	386
Writers, artists, and entertainers	1 047	443	1 253	587	6 129	2 286	6 278	2 279
Actors	—	5	35	11	30	26	67	13
Athletes and kindred workers	73	29	9	16	230	140	174	73
Authors	27	4	34	16	166	97	119	45
Dancers	—	—	—	29	—	—	14	7
Designers	249	26	256	99	1 536	324	1 459	452
Editors and reporters	211	148	220	138	988	608	1 076	748
Musicians and composers	58	101	149	50	440	328	647	202
Painters and sculptors	100	67	211	104	852	349	1 188	405
Photographers	103	23	179	20	515	30	589	64
Public relations men and publicity writers	109	11	70	34	751	196	529	178
Radio and television announcers	44	—	6	—	28	—	71	5
Writers, artists, and entertainers, n.e.c.	73	22	84	70	593	171	345	87
Research workers, not specified	212	14	202	70	1 184	256	636	220
Professional, technical, and kindred workers—allocated	675	443	1 379	1 019	4 036	2 658	2 720	1 894
Managers and administrators, except farm								
Assessors, controllers, and treasurers; local public administration	87	17	31	24	124	96	102	78
Bank officers and financial managers	535	61	778	205	3 428	449	2 978	355
Buyers and shippers, farm products	—	—	10	—	56	3	14	—
Buyers, wholesale and retail trade	369	243	267	138	1 756	763	1 735	591
Credit men	91	25	114	13	490	124	493	192
Funeral directors	110	8	87	7	237	34	279	—
Health administrators	91	48	37	42	375	227	253	239
Construction inspectors; public administration	52	—	42	—	115	4	89	8
Inspectors, except construction; public administration	102	—	225	13	614	40	526	24
Federal public administration and postal service	38	—	129	4	277	37	256	14
State public administration	45	—	48	—	226	—	200	—
Local public administration	19	—	48	9	111	3	70	10
Managers and superintendents, building	90	6	127	50	625	241	327	71
Officers, pilots, and pursers; ship	—	—	86	6	194	—	221	5
Officials and administrators; public administration, n.e.c.	261	48	341	57	1 225	312	684	153
Federal public administration and postal service	58	16	138	19	557	103	391	54
State public administration	52	14	50	19	184	67	63	21
Local public administration	151	18	153	19	484	142	230	78
Officials of lodges, societies, and unions	94	23	121	4	555	71	428	85
Postmasters and mail superintendents	27	—	26	—	102	6	131	6
Purchasing agents and buyers, n.e.c.	438	68	277	80	1 623	225	1 484	331
Railroad conductors	151	—	190	—	246	—	156	—
Restaurant, cafeteria, and bar managers	573	221	624	141	1 834	494	1 816	383
Sales managers and department heads, retail trade	441	79	219	85	1 383	422	1 369	419
Sales managers, except retail trade	586	20	324	45	3 806	136	3 675	140
School administrators, college	107	10	41	—	278	53	152	42
School administrators, elementary and secondary	275	100	159	145	1 012	410	789	360
Managers and administrators, n.e.c., salaried	6 083	571	4 958	1 068	32 759	3 693	29 805	3 096
Construction	448	—	239	10	2 117	61	2 121	79
Manufacturing	2 388	139	1 246	216	12 571	801	11 103	774
Transportation	282	21	664	66	1 454	214	1 568	241
Communications, and utilities and sanitary services	267	21	151	52	1 485	159	1 383	88
Wholesale trade	440	18	485	63	2 858	216	3 036	238
Retail trade	1 256	189	1 008	184	4 753	743	4 438	676
Hardware, farm equipment, and building material retailing	104	—	53	4	244	19	195	11
General merchandise stores	221	55	149	44	703	194	602	189
Food stores	260	27	336	43	1 137	83	1 120	103
Motor vehicles and accessories retailing	202	26	98	17	671	46	720	54
Gasoline service stations	90	—	57	—	156	10	201	—
Apparel and accessories stores	75	36	85	36	441	143	436	160
Furniture, home furnishings, and equipment stores	101	28	65	4	340	23	262	12
Other retail trade	203	17	165	36	1 061	225	902	147
Finance, insurance, and real estate	235	51	478	189	2 899	521	2 080	214
Business and repair services	282	15	300	42	2 120	212	1 929	276
Personal services	138	24	128	70	712	212	685	117
All other industries	347	93	259	176	1 790	554	1 462	393

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

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

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

	Standard metropolitan statistical areas							
	Allentown—Bethlehem—Easton, Pa.— N.J.		Jersey City		Newark		Paterson—Clifton—Passaic	
	Male	Female	Male	Female	Male	Female	Male	Female
Managers and administrators, except farm—Continued								
Managers and administrators, n.e.c., self-employed	1 676	313	1 125	206	4 169	570	3 778	439
Construction	360	4	129	4	717	24	625	11
Manufacturing	184	18	124	10	413	21	585	44
Transportation	22	4	57	9	94	—	108	20
Communications, and utilities and sanitary services	—	—	—	—	10	—	23	—
Wholesale trade	129	5	86	—	316	29	237	9
Retail trade	736	192	549	115	1 735	360	1 531	244
Hardware, form equipment, and building material retailing	47	—	20	—	90	20	113	—
General merchandise stores	55	17	38	—	88	41	27	14
Food stores	125	93	259	82	551	107	365	60
Motor vehicles and accessories retailing	30	—	6	—	71	5	51	5
Gasoline service stations	247	—	53	—	362	17	385	13
Apparel and accessories stores	47	10	53	10	98	47	95	35
Furniture, home furnishings, and equipment stores	44	—	—	7	127	14	81	13
Other retail trade	141	72	120	16	348	109	414	104
Finance, insurance, and real estate	4	—	15	10	147	10	126	18
Business and repair services	68	5	37	10	291	36	217	15
Personal services	128	64	95	35	313	66	256	49
All other industries	45	21	33	13	133	24	70	29
Managers and administrators, except farm—allocated	511	52	694	121	2 429	387	2 071	350
Sales workers	8 379	5 968	7 788	5 302	38 400	20 633	32 776	18 002
Advertising agents and salesmen	116	8	82	39	773	75	578	75
Auctioneers	6	—	—	—	25	9	13	6
Demonstrators	—	66	—	—	30	62	29	128
Hucksters and peddlers	36	157	55	25	206	301	89	194
Insurance agents, brokers, and underwriters	939	51	745	223	4 986	858	3 310	310
Newsboys	264	19	86	4	357	60	298	26
Real estate agents and brokers	273	87	270	60	1 655	973	1 185	618
Stock and bond salesmen	146	6	442	97	2 134	116	1 677	124
Salesmen and sales clerks, n.e.c.	6 113	5 264	5 607	4 128	25 850	16 502	23 968	15 095
Sales representatives, manufacturing industries	1 098	92	913	172	6 067	508	6 108	554
Sales representatives, wholesale trade	1 508	69	1 085	144	6 187	291	5 706	354
Sales clerks, retail trade	2 192	4 808	2 524	3 472	8 457	14 550	7 391	13 222
Salesmen, retail trade	1 011	151	760	143	3 217	453	2 800	406
Salesmen of services and construction	304	144	325	197	1 922	700	1 963	559
Sales workers—allocated	486	310	501	726	2 384	1 677	1 629	1 426
Clerical and kindred workers	11 770	23 435	20 201	42 387	42 344	116 165	33 873	89 361
Bank tellers	152	612	315	900	518	2 184	381	1 561
Billing clerks	151	275	165	576	188	1 331	169	1 184
Bookkeepers	1 218	2 946	1 804	4 426	3 475	13 084	2 888	10 894
Cashiers	401	1 539	653	1 736	1 285	5 968	1 062	5 138
Clerical assistants, social welfare	—	—	—	—	—	—	—	—
Clerical supervisors, n.e.c.	89	32	329	226	604	762	514	447
Collectors, bill and account	77	32	54	36	248	147	203	71
Counter clerks, except food	266	215	332	488	747	1 454	501	1 341
Dispatchers and starters, vehicle	213	17	434	30	627	91	705	74
Enumerators and interviewers	14	33	61	45	155	152	70	181
Estimators and investigators, n.e.c.	420	172	527	316	1 813	1 087	1 536	872
Expeditors and production controllers	774	139	593	239	1 853	566	1 484	361
File clerks	209	658	523	1 915	843	4 390	553	2 992
Insurance adjusters, examiners, and investigators	203	18	197	173	1 129	553	809	108
Library attendants and assistants	44	242	34	176	203	980	122	641
Mail carriers, post office	567	22	671	35	2 288	89	2 328	62
Mail handlers, except post office	184	131	573	223	923	511	721	641
Messengers, including telegraph, and office boys	90	37	467	43	484	80	368	19
Meter readers, utilities	105	—	78	—	406	—	251	—
Office machine operators	381	1 091	958	2 282	1 877	5 350	1 556	4 525
Bookkeeping and billing machine	15	150	53	377	62	778	59	823
Calculating machine	—	39	26	330	44	574	18	461
Computer and peripheral equipment	235	48	454	123	1 076	328	926	284
Duplicating machine	45	20	57	19	118	118	43	71
Keypunch	51	722	242	1 337	394	3 296	357	2 521
Tabulating machine	20	10	25	—	70	51	59	67
Office machine, n.e.c.	15	102	101	96	113	205	94	298
Payroll and timekeeping clerks	204	416	283	571	538	1 431	479	1 150
Postal clerks	525	86	996	246	2 580	944	2 001	484
Proofreaders	12	201	58	106	44	238	96	327
Real estate appraisers	48	—	13	—	187	17	168	—
Receptionists	31	519	96	697	253	2 659	77	2 086
Secretaries	195	6 938	351	10 068	1 089	31 602	989	27 381
Shipping and receiving clerks	1 444	219	2 444	346	4 485	652	3 932	584
Statistical clerks	338	310	634	927	1 226	2 639	844	1 362
Stenographers	17	308	23	375	87	1 071	66	587
Stock clerks and storekeepers	871	198	1 405	418	3 461	904	2 640	913
Teacher aides, except school monitors	4	171	9	124	58	918	16	541
Telegraph operators	5	6	21	31	16	11	10	20
Telephone operators	35	724	43	1 955	255	4 042	139	3 451
Ticket, station, and express agents	109	16	238	122	613	434	235	144
Typists	260	2 582	473	5 263	635	14 383	529	9 008
Weights	138	6	80	51	271	88	183	97
Miscellaneous clerical workers	684	591	1 149	1 364	2 033	3 340	1 628	2 099
Not specified clerical workers	657	1 065	1 373	2 365	1 768	4 954	1 406	3 153
Clerical and kindred workers—allocated	635	842	1 744	3 488	3 079	7 054	2 008	4 958

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Allentown—Bethlehem—Easton, Pa.— N.J.		Jersey City		Newark		Paterson—Clifton—Passaic	
	Male	Female	Male	Female	Male	Female	Male	Female
Craftsmen and kindred workers	33 506	1 639	29 277	1 908	87 939	4 437	73 161	3 533
Automobile accessories installers.....	12	—	11	—	18	—	25	—
Bakers.....	264	128	498	70	1 229	132	1 100	127
Blacksmiths.....	65	—	—	—	44	5	21	4
Boilermakers.....	78	—	215	—	168	—	158	4
Bookbinders.....	13	94	77	97	189	193	154	276
Brickmasons and stonemasons.....	576	—	312	16	1 976	22	1 454	10
Bulldozer operators.....	103	—	87	—	229	9	208	—
Cabinetmakers.....	155	10	133	5	582	5	581	10
Carpenters.....	2 328	17	1 520	12	5 137	67	4 647	35
Carpet installers.....	125	—	59	—	330	—	308	5
Cement and concrete finishers.....	158	5	117	—	393	5	285	10
Compositors and typesetters.....	768	123	584	63	1 421	210	1 883	190
Cranemen, derrickmen, and hoistmen.....	1 420	18	264	13	779	20	400	3
Decorators and window dressers.....	131	57	137	54	339	202	389	185
Dental laboratory technicians.....	24	12	130	8	330	78	209	46
Electricians.....	1 553	—	1 396	35	3 843	60	3 180	54
Electric power linemen and cablemen.....	364	16	115	—	629	6	529	5
Electrotypers and stereotypers.....	27	—	27	—	52	—	57	—
Engravers, except photoengravers.....	23	5	64	16	139	24	103	23
Excavating, grading, and road machine operators, except bulldozer.....	506	11	68	—	970	16	817	41
Floor layers, except tile setters.....	39	5	29	—	202	—	224	—
Foremen, n.e.c.....	5 524	626	4 122	766	14 454	1 629	12 277	1 213
Construction.....	411	6	268	—	1 247	7	918	10
Manufacturing.....	4 047	543	2 481	590	9 233	1 079	7 739	856
Durable goods.....	2 744	56	1 061	136	5 252	464	3 879	254
Nondurable goods, including not specified manufacturing.....	1 303	487	1 420	454	3 981	615	3 860	602
Transportation, communications, and other public utilities.....	447	6	579	30	1 374	73	1 358	48
All other industries.....	619	71	794	146	2 600	470	2 262	299
Forgemen and hammermen.....	83	11	38	7	69	6	14	7
Furniture and wood finishers.....	75	14	78	6	134	3	136	4
Furriers.....	5	—	—	—	19	12	63	10
Glaziers.....	76	—	64	—	248	—	136	7
Heat treaters, annealers, and temperers.....	189	6	50	3	220	9	106	6
Inspectors, scalers, and graders; log and lumber.....	4	—	—	—	5	—	10	—
Inspectors, n.e.c.....	513	21	453	60	824	71	609	27
Construction.....	74	—	20	—	101	—	124	7
Railroads and railway express service.....	97	—	165	3	100	—	79	—
Jewelers and watchmakers.....	73	—	177	22	434	77	293	20
Job and die setters, metal.....	285	5	242	5	1 292	27	495	17
Locomotive engineers.....	195	5	154	5	192	—	137	—
Locomotive firemen.....	32	—	64	—	42	—	32	5
Machinists.....	823	28	1 032	53	3 741	138	2 829	102
Mechanics and repairmen.....	7 950	47	7 282	153	19 262	273	16 702	224
Air conditioning, heating, and refrigeration.....	392	—	438	—	1 095	—	1 057	19
Aircraft.....	51	—	103	—	377	16	416	5
Automobile body repairmen.....	292	—	242	5	876	6	707	—
Automobile mechanics.....	2 501	7	2 424	53	6 743	57	5 727	56
Data processing machine repairmen.....	93	—	89	2	284	18	317	—
Farm implement.....	61	—	12	—	9	—	65	—
Heavy equipment mechanics, including diesel.....	2 499	15	2 207	41	5 266	84	4 329	78
Household appliance and accessory installers and mechanics.....	462	—	259	—	982	—	835	12
Loom fixers.....	72	7	5	—	16	—	134	—
Office machine.....	123	—	93	—	369	9	316	8
Radio and television.....	353	5	321	4	1 061	39	854	11
Railroad and car shop.....	204	—	167	5	173	—	116	—
Miscellaneous mechanics and repairmen.....	590	8	552	21	1 315	44	1 288	13
Not specified mechanics and repairmen.....	257	5	370	22	694	—	541	22
Millers, grain, flour, and feed.....	14	—	10	—	—	—	18	—
Millwrights.....	378	4	165	4	372	—	252	—
Molders, metal.....	373	5	30	20	509	66	204	22
Motion picture projectionists.....	34	—	30	—	59	—	126	—
Opticians, and lens grinders and polishers.....	65	5	38	—	148	34	188	18
Painters, construction and maintenance.....	752	12	779	24	2 871	94	2 024	74
Paperhangers.....	52	—	4	—	79	—	43	—
Pattern and model makers, except paper.....	225	6	106	20	260	31	249	14
Photoengravers and lithographers.....	111	15	96	12	253	9	644	57
Piano and organ tuners and repairmen.....	4	5	12	—	72	5	61	—
Plasterers.....	100	—	74	2	153	5	81	—
Plumbers and pipe fitters.....	1 120	9	1 032	12	3 367	49	2 730	14
Power station operators.....	60	—	36	—	73	—	83	—
Pressmen and plate printers, printing.....	544	26	734	30	1 430	148	1 850	121
Rollers and finishers, metal.....	216	—	39	—	112	4	38	—
Roofers and slaters.....	307	15	166	—	552	4	439	5
Sheetmetal workers and tinmiths.....	390	4	348	5	1 242	5	1 223	3
Shipfitters.....	—	—	7	—	5	—	5	—
Shoe repairmen.....	54	16	160	5	213	5	226	21
Sign painters and letterers.....	50	13	20	—	140	13	144	—
Stationary engineers.....	422	—	476	5	1 326	10	1 008	27
Stone cutters and stone carvers.....	24	—	13	—	6	—	50	—
Structural metal craftsmen.....	314	9	287	—	606	8	528	10
Tailors.....	332	127	359	98	844	127	638	175
Telephone installers and repairmen.....	552	17	842	40	2 294	123	2 247	22
Telephone linemen and splicers.....	178	7	121	—	334	7	336	—
Tile setters.....	46	—	58	—	202	—	288	—
Tool and die makers.....	364	—	436	3	3 289	39	1 357	21
Upholsterers.....	83	4	135	—	407	19	289	5
Craftsmen and kindred workers, n.e.c.....	319	23	251	13	714	38	486	27
Former members of the Armed Forces.....	...	...	...	...	...	...	...	...
Craftsmen and kindred workers—allocated.....	1 464	53	2 745	142	6 072	295	4 735	222

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Allentown-Bethlehem-Easton, Pa.— N.J.		Jersey City		Newark		Paterson-Clifton-Passaic	
	Male	Female	Male	Female	Male	Female	Male	Female
Operatives, except transport	25 811	28 681	26 613	25 151	61 500	50 670	44 198	34 497
Asbestos and insulation workers	92	—	85	10	160	—	164	—
Assemblers	2 125	2 125	1 575	1 476	5 451	8 012	3 056	3 020
Blasters and powdermen	20	—	5	—	43	11	31	—
Bottling and canning operatives	132	45	66	28	506	165	143	74
Chainmen, rodmen, and oxmen; surveying	37	—	—	—	50	—	53	—
Checkers, examiners, and inspectors; manufacturing	1 270	1 503	1 473	1 533	4 931	4 931	3 083	2 483
Clothing ironers and pressers	467	1 008	564	423	592	1 208	732	644
Cutting operatives, n.e.c.	613	665	806	473	1 298	477	1 106	399
Dressmakers and seamstresses, except factory	24	267	27	247	64	876	93	554
Drillers, earth	123	—	49	—	127	59	138	24
Dry wall installers and loathers	75	—	85	—	129	—	301	6
Dyers	178	11	110	13	174	27	913	3
Filers, polishers, sanders, and buffers	320	26	229	57	961	265	493	76
Furnacemen, smeltermen, and pourers	455	42	122	—	557	22	95	11
Garage workers and gas station attendants	944	19	597	21	2 172	46	2 115	45
Graders and sorters, manufacturing	53	128	73	73	124	110	24	88
Produce graders and packers, except factory and form	—	—	17	16	27	28	21	8
Heaters, metal	156	—	5	6	9	—	—	—
Laundry and drycleaning operatives, n.e.c.	135	345	296	463	631	754	424	554
Meat cutters and butchers, except manufacturing	476	10	789	35	2 073	90	1 912	52
Meat cutters and butchers, manufacturing	89	18	169	—	190	40	81	4
Meat wrappers, retail trade	14	140	5	172	34	421	28	442
Metal platers	178	19	74	8	416	36	317	26
Milliners	—	—	—	7	—	28	6	4
Mine operatives, n.e.c.	269	16	27	20	80	28	59	18
Mixing operatives	313	8	479	10	1 238	56	892	64
Oilers and greasers, except auto	225	6	82	9	264	20	162	20
Packers and wrappers, except meat and produce	973	1 557	1 689	2 681	2 859	5 592	1 992	4 188
Painters, manufactured articles	386	42	446	39	935	162	553	65
Photographic process workers	69	63	260	120	306	164	509	254
Precision machine operatives	2 114	85	929	56	4 065	600	2 804	284
Drill press operatives	348	29	217	9	732	298	400	154
Grinding machine operatives	687	19	273	16	1 212	74	766	61
Lathe and milling machine operatives	900	21	293	14	1 519	137	1 256	40
Precision machine operatives, n.e.c.	179	16	146	17	602	91	382	29
Punch and stamping press operatives	28	84	239	139	928	688	325	202
Riveters and fasteners	184	43	22	28	71	49	45	33
Sailors and deckhands	3	—	206	—	113	—	84	—
Sawyers	272	25	72	19	276	12	69	31
Sewers and stitchers	387	12 538	783	7 371	624	7 263	702	8 501
Shoemaking machine operatives	90	68	69	39	14	14	127	121
Solders	22	108	54	142	204	748	94	524
Stationary firemen	567	40	429	28	926	33	546	27
Textile operatives	1 163	1 130	1 015	771	522	225	2 435	1 189
Carding, lapping, and combing operatives	24	—	8	—	5	—	—	—
Knitters, loopers, and toppers	300	170	398	65	82	42	159	105
Spinners, twistors, and winders	163	441	69	183	33	26	367	404
Weavers	155	116	21	26	26	16	251	149
Textile operatives, n.e.c.	521	403	519	497	376	141	1 658	531
Welders and flamecutters	2 013	162	1 235	175	2 796	514	1 801	219
Winding operatives, n.e.c.	134	146	110	132	251	444	173	407
Miscellaneous and not specified operatives	7 247	4 916	8 781	5 035	19 569	11 570	11 626	6 211
Occupation:								
Machine operatives, miscellaneous specified	2 940	1 663	2 813	1 380	6 959	4 347	4 537	2 116
Machine operatives, not specified	1 239	649	2 969	1 264	7 050	3 658	3 535	1 786
Miscellaneous operatives	1 654	945	2 030	1 144	3 726	1 967	2 279	1 375
Not specified operatives	1 414	1 659	969	1 245	1 834	1 598	1 275	934
Industry:								
Manufacturing	6 635	4 633	7 689	4 655	17 551	10 913	10 374	5 692
Durable goods	4 049	1 534	3 148	1 892	9 151	6 523	4 251	2 595
Lumber and wood products, except furniture	28	15	52	5	153	46	60	—
Furniture and fixtures	58	15	133	48	226	56	122	41
Stone, clay, and glass products	470	53	146	46	459	134	143	122
Primary metal industries	1 355	27	424	69	1 519	153	566	81
Blast furnaces, steel works, and rolling and finishing mills	1 087	22	52	—	233	8	20	8
Fabricated metal industries, including not specified metal	449	171	652	183	1 593	708	858	363
Machinery, except electrical	470	12	349	83	1 089	309	771	231
Electrical machinery, equipment, and supplies	624	930	814	1 002	2 069	3 396	804	932
Transportation equipment	169	5	148	52	425	97	283	119
Motor vehicles and motor vehicle equipment	164	—	113	42	297	43	116	47
Professional and photographic equipment, and watches	45	35	59	21	249	359	192	127
Ordnance	7	6	14	5	190	113	5	24
Miscellaneous manufacturing industries	318	265	320	365	1 124	1 118	434	549
Durable goods—allocated	56	—	37	13	55	34	13	6
Nondurable goods	2 553	3 073	4 422	2 620	8 118	4 221	5 962	3 009
Food and kindred products	540	116	884	330	1 093	346	537	205
Tobacco manufactures	—	—	—	5	—	9	6	6
Apparel and other fabricated textile products	460	2 022	596	1 151	129	732	252	860
Paper and allied products	532	369	786	255	1 012	274	1 016	385
Printing, publishing, and allied industries	174	183	291	111	344	446	359	435
Chemicals and allied products	566	16	1 111	258	3 401	920	1 909	536
Petroleum and coal products	8	10	90	5	211	3	41	—
Rubber and miscellaneous plastic products	182	274	407	106	1 423	1 163	1 720	444
Leather and leather products	70	64	228	372	475	302	99	106
Nondurable goods—allocated	21	19	29	27	30	26	23	32
Not specified manufacturing industries	33	26	119	143	282	169	161	88
Nonmanufacturing industries	612	283	1 092	380	2 018	657	1 252	519
Construction	23	8	81	7	228	14	89	14
Transportation, communications, and other public utilities	142	25	301	15	516	37	288	28
Wholesale and retail trade	273	163	408	136	707	337	496	290
Business and repair services	58	13	189	120	305	80	238	109
Public administration	27	6	19	6	51	24	43	5
All other industries	89	68	94	96	211	165	98	73
Operatives, except transport—allocated	1 276	1 253	2 465	3 276	5 115	4 882	3 871	3 622

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Allentown-Bethlehem-Easton, Pa.- N.J.		Jersey City		Newark		Paterson-Clifton-Passaic	
	Male	Female	Male	Female	Male	Female	Male	Female
Transport equipment operatives	8 724	289	12 500	188	26 074	1 023	19 682	767
Boatmen and canalmen.....	8	—	49	—	17	—	43	—
Bus drivers.....	311	135	886	29	1 784	553	1 837	417
Conductors and motormen, urban rail transit.....	—	—	31	—	9	14	61	6
Deliverymen and routemen.....	2 241	52	2 356	41	6 172	112	5 232	111
Fork lift and tow motor operatives.....	705	11	1 231	12	2 262	41	1 285	—
Motormen, mine, factory, logging camp, etc.....	37	—	—	—	3	—	11	—
Parking attendants.....	90	14	68	6	335	14	177	—
Railroad brakemen.....	445	—	196	11	148	4	113	4
Railroad switchmen.....	36	—	91	—	180	5	177	—
Taxicab drivers and chauffeurs.....	175	11	637	10	1 418	66	903	32
Truck drivers.....	4 212	49	5 820	74	11 688	135	8 443	89
Transport equipment operatives—allocated.....	464	17	1 135	5	2 058	79	1 400	108
Laborers, except farm	10 044	725	13 869	923	26 772	2 252	16 583	1 645
Animal caretakers, except farm.....	29	45	22	10	200	75	147	77
Carpenters' helpers.....	109	—	64	—	157	—	64	6
Construction laborers, except carpenters' helpers.....	1 615	16	1 252	4	4 554	45	2 329	37
Fishermen and oystermen.....	10	—	14	—	52	5	3	—
Freight and material handlers.....	1 889	147	4 571	213	5 332	395	3 267	168
Garbage collectors.....	176	—	138	—	700	—	387	9
Gardeners and groundskeepers, except farm.....	665	10	297	7	2 346	83	1 672	25
Longshoremen and stevedores.....	6	—	1 023	32	1 230	26	328	10
Lumbermen, raftsmen, and woodchoppers.....	26	—	35	—	50	—	20	5
Stock handlers.....	1 204	257	1 551	249	3 872	799	3 955	761
Teamsters.....	5	—	5	—	14	—	14	—
Vehicle washers and equipment cleaners.....	418	11	347	22	973	88	474	63
Warehousemen, n.e.c.....	156	6	702	20	1 237	14	639	16
Miscellaneous and not specified laborers.....	3 236	186	1 907	265	3 037	509	1 518	285
Occupation:								
Miscellaneous laborers.....	1 324	57	516	81	888	122	418	64
Not specified laborers.....	1 912	129	1 391	184	2 149	387	1 100	221
Industry:								
Manufacturing.....	2 525	147	878	159	1 454	344	629	192
Durable goods.....	2 199	87	356	62	896	240	271	94
Lumber and wood products, except furniture.....	16	—	12	—	5	10	18	—
Furniture and fixtures.....	11	5	—	4	19	—	13	—
Stone, clay, and glass products.....	288	5	24	5	59	8	17	—
Primary metal industries.....	1 451	22	77	—	211	8	79	10
Blast furnaces, steel works, and rolling and finishing mills.....	1 251	17	13	—	63	—	15	—
Fabricated metal industries, including not specified metal.....	203	9	64	6	211	48	41	30
Machinery, except electrical.....	126	—	31	—	121	5	40	—
Electrical machinery, equipment, and supplies.....	31	28	51	24	99	73	11	25
Transportation equipment.....	32	—	35	—	47	14	21	—
Motor vehicles and motor vehicle equipment.....	32	—	19	—	34	7	11	—
Professional and photographic equipment, and watches.....	7	—	9	8	4	6	13	17
Ordinance.....	8	—	—	—	27	16	—	—
Miscellaneous manufacturing industries.....	10	18	53	15	82	52	8	12
Durable goods—allocated.....	16	—	—	—	11	—	10	—
Nondurable goods.....	320	55	468	75	485	92	351	98
Food and kindred products.....	76	6	143	16	110	9	43	4
Tobacco manufactures.....	—	—	—	—	—	—	—	—
Textile mill products.....	51	15	38	5	27	—	4	—
Apparel and other fabricated textile products.....	36	10	50	21	6	24	5	11
Paper and allied products.....	39	15	13	—	42	4	24	8
Printing, publishing, and allied industries.....	11	5	25	9	14	13	11	26
Chemicals and allied products.....	75	—	139	15	170	12	103	36
Petroleum and coal products.....	—	—	22	—	21	—	9	—
Rubber and miscellaneous plastic products.....	21	—	26	5	64	20	102	10
Leather and leather products.....	—	4	8	4	26	—	7	3
Nondurable goods—allocated.....	11	—	4	—	5	10	6	—
Not specified manufacturing industries.....	6	5	54	22	73	12	7	—
Nonmanufacturing industries.....	711	39	1 029	106	1 583	165	889	93
Transportation, communications, and other public utilities.....	336	—	483	11	478	9	283	6
Wholesale and retail trade.....	150	24	255	18	504	74	241	45
Business and repair services.....	51	—	88	26	113	25	81	—
Public administration.....	15	—	62	12	118	6	91	5
All other industries.....	159	15	141	39	370	51	193	37
Laborers, except farm—allocated.....	500	47	1 941	101	3 018	213	1 766	183
Farmers and farm managers	1 273	92	61	10	527	132	354	80
Farmers, owners and tenants.....	1 144	83	15	—	250	33	149	44
Farm managers.....	88	4	5	—	90	—	89	10
Farmers and farm managers—allocated.....	41	5	41	10	187	99	116	26
Farm laborers and farm foremen	1 065	190	159	84	713	240	431	185
Farm foremen.....	5	—	—	—	5	5	10	—
Farm laborers, wage workers.....	876	67	69	41	504	71	309	88
Farm laborers, unpaid family workers.....	112	111	—	—	7	9	—	5
Farm service laborers, self-employed.....	4	—	—	—	13	—	10	4
Farm laborers and farm foremen—allocated.....	68	12	90	43	184	155	102	88

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas							
	Allentown-Bethlehem-Easton, Pa.- N.J.		Jersey City		Newark		Paterson-Clifton-Passaic	
	Male	Female	Male	Female	Male	Female	Male	Female
Service workers, except private household	10 744	12 308	16 904	10 391	40 024	33 684	25 578	21 473
Cleaning service workers	4 129	1 785	4 346	1 946	12 202	3 389	7 540	1 632
Chambermaids and maids, except private household	20	483	46	310	73	695	29	334
Cleaners and charwomen	482	910	1 455	1 207	2 818	1 824	1 330	933
Janitors and sextons	3 627	392	2 845	429	9 311	870	6 181	365
Food service workers	2 491	5 458	3 401	2 850	7 956	11 392	5 460	7 729
Bartenders	846	87	1 115	94	2 182	165	1 409	94
Busboys	77	46	120	—	420	71	260	23
Cooks, except private household	780	1 061	1 102	359	2 735	1 715	1 985	960
Dishwashers	345	275	208	46	588	163	490	143
Food counter and fountain workers	77	366	171	248	470	1 258	315	700
Waiters	116	2 671	428	1 661	771	5 955	646	4 571
Food service workers, n.e.c., except private household	250	952	257	442	790	2 065	355	1 238
Health service workers	288	2 450	287	1 963	934	8 420	449	5 196
Dental assistants	—	191	—	193	13	1 038	31	794
Health aides, except nursing	26	151	46	183	56	895	101	754
Health trainees	—	38	—	54	4	208	18	136
Lay midwives	—	—	—	6	5	—	—	—
Nursing aides, orderlies, and attendants	239	1 308	210	1 228	779	4 583	275	2 463
Practical nurses	23	762	31	299	77	1 696	24	1 049
Personal service workers	950	1 735	1 661	1 556	3 587	5 655	2 938	3 906
Airline stewardesses	—	10	5	39	33	370	—	132
Attendants, recreation and amusement	134	20	168	48	388	133	343	82
Attendants, personal service, n.e.c.	45	74	108	167	217	466	143	303
Baggage porters and bellhops	6	—	86	—	107	—	52	—
Barbers	476	16	584	19	1 431	50	1 190	28
Boarding and lodging house keepers	—	9	5	12	6	60	4	21
Bootblacks	—	—	—	—	16	—	10	5
Child care workers, except private household	12	146	—	70	25	628	23	360
Elevator operators	54	22	315	97	230	90	164	28
Hairdressers and cosmetologists	139	1 216	256	950	872	2 990	809	2 480
Housekeepers, except private household	56	108	70	93	125	513	143	234
School monitors	—	66	—	17	10	176	—	171
Ushers, recreation and amusement	22	5	43	11	110	37	57	38
Welfare service aides	6	43	21	33	17	142	—	24
Protective service workers	2 247	166	5 460	506	11 876	1 205	7 562	874
Crossing guards and bridge tenders	63	90	147	297	444	806	580	566
Firemen, fire protection	359	11	1 535	13	2 784	5	1 064	12
Guards and watchmen	908	34	1 605	114	3 284	194	1 813	145
Marshals and constables	4	—	13	3	10	—	23	5
Policemen and detectives	897	26	2 111	79	5 199	172	3 963	138
Sheriffs and bailiffs	16	5	49	—	155	28	119	8
Service workers, except private household—allocated	639	714	1 749	1 570	3 469	3 623	1 629	2 136
Private household workers	64	1 669	29	1 275	285	9 654	158	4 082
Occupation:								
Child care workers, private household	5	170	—	108	28	820	13	464
Cooks, private household	6	46	—	47	10	292	3	82
Housekeepers, private household	5	120	7	88	31	826	10	476
Laundresses, private household	—	17	—	—	—	97	18	5
Maids and servants, private household	43	1 202	22	503	199	5 989	89	2 500
Private household workers—allocated	5	114	—	529	17	1 630	25	555
Living arrangement:								
Living in	—	165	—	43	26	1 181	21	853
Living out	64	1 504	29	1 232	259	8 473	137	3 229

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

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

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

	Standard metropolitan statistical areas—Con.					
	Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	1 165 250	713 247	76 311	51 161	122 376	69 685
Professional, technical, and kindred workers	185 216	109 013	15 160	8 303	24 342	12 073
Accountants.....	15 267	3 764	1 092	167	1 916	356
Architects.....	1 662	86	114	7	134	79
Computer specialists.....	7 201	1 546	553	106	624	199
Computer programmers.....	4 515	1 132	385	73	380	155
Computer systems analysts.....	2 408	374	144	33	217	38
Computer specialists, n.e.c.....	278	40	24	—	27	6
Engineers.....	34 950	487	2 244	43	5 230	28
Aeronautical and astronautical.....	1 549	10	34	—	146	—
Chemical.....	2 171	27	121	—	1 961	12
Civil.....	3 381	44	346	8	550	7
Electrical and electronic.....	8 747	94	584	9	462	5
Industrial.....	4 968	150	303	11	532	—
Mechanical.....	5 847	63	261	—	816	—
Metallurgical and materials.....	367	8	60	—	40	—
Mining.....	10	—	—	—	—	—
Petroleum.....	40	—	11	—	21	—
Sales.....	2 291	14	76	—	111	—
Engineers, n.e.c.....	5 579	77	448	15	591	4
Farm management advisors.....	27	9	9	—	24	—
Foresters and conservationists.....	119	—	10	5	45	5
Home management advisors.....	5	39	—	4	—	19
Lawyers and judges.....	6 043	351	441	21	640	23
Judges.....	172	—	36	—	42	—
Lawyers.....	5 871	351	405	21	598	23
Librarians, archivists, and curators.....	729	2 316	120	205	45	307
Librarians.....	621	2 254	112	182	34	293
Archivists and curators.....	108	62	8	23	11	14
Mathematical specialists.....	460	323	62	19	90	19
Actuaries.....	199	50	4	—	26	—
Mathematicians.....	101	29	20	4	30	—
Statisticians.....	360	244	36	15	34	19
Life and physical scientists.....	5 603	1 024	732	118	1 876	203
Agricultural.....	108	15	15	—	24	—
Atmospheric and space.....	47	—	15	—	7	—
Biological.....	601	386	99	38	91	37
Chemists.....	4 391	553	394	75	1 660	159
Geologists.....	41	5	38	—	11	—
Marine.....	17	5	10	—	6	—
Physicists and astronomers.....	376	32	161	5	71	3
Life and physical, n.e.c.....	22	28	—	—	6	4
Operations and systems researchers and analysts.....	2 521	227	174	14	203	26
Personnel and labor relations workers.....	5 704	2 528	477	156	627	224
Physicians, dentists, and related practitioners.....	15 328	1 777	775	70	1 017	100
Chiropractors.....	193	8	10	—	25	—
Dentists.....	2 572	63	155	7	192	12
Optometrists.....	468	20	15	—	20	—
Pharmacists.....	2 799	331	110	—	177	27
Physicians, medical and osteopathic.....	8 665	1 309	462	63	562	61
Podiatrists.....	300	24	6	—	20	—
Veterinarians.....	325	22	17	—	21	—
Health practitioners, n.e.c.....	6	—	—	—	—	—
Registered nurses, dietitians, and therapists.....	1 419	23 079	95	1 369	110	2 432
Dietitians.....	61	880	—	43	5	102
Registered nurses.....	635	21 088	32	1 283	46	2 242
Therapists.....	723	1 111	63	43	59	88
Health technologists and technicians.....	1 583	5 558	119	275	100	427
Clinical laboratory technologists and technicians.....	635	2 926	59	145	30	258
Dental hygienists.....	27	278	—	10	—	24
Health record technologists and technicians.....	13	238	—	36	11	33
Radiologic technologists and technicians.....	239	1 131	10	49	11	55
Therapy assistants.....	13	33	—	3	8	—
Health technologists and technicians, n.e.c.....	656	952	50	32	51	57
Religious workers.....	3 982	622	327	38	477	70
Clergymen.....	3 642	143	311	—	447	12
Religious workers, n.e.c.....	340	479	16	38	30	58
Social scientists.....	2 632	593	355	47	574	37
Economists.....	1 886	179	215	18	486	19
Political scientists.....	13	5	—	—	6	—
Psychologists.....	554	325	88	19	48	12
Sociologists.....	6	5	6	5	10	—
Urban and regional planners.....	152	64	35	—	24	—
Social scientists, n.e.c.....	21	15	11	5	—	—
Social and recreation workers.....	2 593	4 113	208	346	234	405
Social.....	1 959	3 675	179	309	143	348
Recreation.....	634	438	29	37	91	57
Teachers, college and university.....	7 097	2 534	1 330	261	852	395
Biology.....	263	111	56	16	44	18
Chemistry.....	302	36	81	5	107	7
Engineering.....	281	5	46	3	62	—
Physics.....	296	6	106	—	44	12
Other life and physical sciences.....	56	6	36	—	32	—
Mathematics.....	391	91	74	9	47	13
Economics.....	229	15	18	4	33	—
English.....	433	282	98	29	42	38
History.....	255	47	71	—	34	10
Miscellaneous social sciences.....	413	114	121	19	55	5
Other specified teachers.....	2 094	887	373	104	196	794
Not specified teachers.....	2 064	934	250	72	156	88

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

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

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

	Standard metropolitan statistical areas—Con.					
	Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female
Professional, technical, and kindred workers—Continued						
Teachers, except college and university	20 635	40 965	1 423	3 224	2 143	4 823
Adult education	479	314	31	16	82	35
Elementary school	5 764	24 777	289	1 919	659	2 706
Prekindergarten and kindergarten	78	2 716	9	250	—	395
Secondary school	12 924	10 912	977	855	1 321	1 399
Teachers, except college and university, n.e.c.	1 390	2 246	117	184	81	288
Engineering and science technicians	20 942	2 386	1 653	205	4 401	631
Agriculture and biological, except health	478	255	15	13	57	13
Chemical	2 178	378	148	24	1 868	298
Draftsmen	8 485	551	580	30	723	37
Electrical and electronic engineering	4 175	247	328	4	259	7
Industrial engineering	600	69	58	—	76	15
Mechanical engineering	237	12	32	—	53	—
Mathematical	5	—	5	—	—	—
Surveyors	849	42	88	4	—	—
Engineering and science, n.e.c.	3 935	823	399	130	1 212	254
Technicians, except health, and engineering and science	1 890	396	162	13	298	33
Airplane pilots	559	11	70	—	110	—
Air traffic controllers	118	17	15	—	19	—
Embalmers	24	6	4	—	9	—
Flight engineers	118	5	4	—	27	—
Radio operators	499	147	35	—	41	8
Tool programmers, numerical control	75	25	—	—	—	—
Technicians, n.e.c.	497	185	34	13	92	25
Vocational and educational counselors	1 189	1 209	194	98	180	112
Writers, artists, and entertainers	13 500	5 431	844	505	1 196	459
Actors	75	40	4	5	4	—
Athletes and kindred workers	709	283	65	15	109	62
Authors	241	208	24	31	41	12
Dancers	17	78	—	6	—	9
Designers	2 693	714	111	22	179	24
Editors and reporters	2 234	1 359	214	192	229	127
Musicians and composers	1 342	689	94	62	84	111
Painters and sculptors	1 882	1 043	80	69	172	70
Photographers	1 506	131	51	12	141	14
Public relations men and publicity writers	1 327	475	84	34	140	14
Radio and television announcers	236	23	9	—	55	—
Writers, artists, and entertainers, n.e.c.	1 238	388	108	57	42	16
Research workers, not specified	2 231	600	578	159	566	50
Professional, technical, and kindred workers—allocated	9 704	7 050	1 069	828	740	677
Managers and administrators, except farm						
Assessors, controllers, and treasurers; local public administration	125 601	20 895	8 033	1 398	12 541	2 082
Bank officers and financial managers	237	179	28	11	55	11
Buyers and shippers, farm products	6 179	1 066	301	36	626	113
Buyers, wholesale and retail trade	42	—	—	—	14	—
Credit men	3 737	1 300	202	155	226	93
Funeral directors	1 189	319	56	19	115	44
	837	90	45	10	107	—
Health administrators	1 199	724	73	76	64	53
Construction inspectors; public administration	345	5	71	—	37	—
Inspectors, except construction; public administration	1 820	134	260	5	118	5
Federal public administration and postal service	1 101	90	47	5	34	5
State public administration	352	17	180	—	66	—
Local public administration	367	27	33	—	18	—
Managers and superintendents, building	884	381	52	9	141	41
Officers, pilots, and pursers; ship	507	4	18	—	75	—
Officials and administrators; public administration, n.e.c.	4 169	860	545	76	315	79
Federal public administration and postal service	2 592	530	154	14	159	23
State public administration	452	52	309	62	116	20
Local public administration	1 125	278	82	—	40	36
Officials of lodges, societies, and unions	958	151	73	13	123	42
Postmasters and mail superintendents	409	78	14	5	56	17
Purchasing agents and buyers, n.e.c.	4 410	826	218	27	454	45
Railroad conductors	1 109	32	101	—	283	—
Restaurant, cafeteria, and bar managers	5 078	1 713	347	104	515	245
Sales managers and department heads, retail trade	3 592	1 311	201	62	434	181
Sales managers, except retail trade	7 372	222	313	15	722	18
School administrators, college	645	245	91	16	62	12
School administrators, elementary and secondary	2 481	1 153	248	80	321	124
Managers and administrators, n.e.c., salaried						
Construction	60 654	6 968	3 752	558	5 984	673
Manufacturing	5 229	123	295	8	724	28
Transportation	21 022	1 058	1 217	49	1 992	59
Communications, and utilities and sanitary services	2 803	377	160	40	339	54
Wholesale trade	1 906	229	155	9	130	20
	5 461	335	217	34	379	35
Retail trade	11 001	2 026	646	129	1 359	251
Hardware, farm equipment, and building material retailing	615	23	68	6	75	15
General merchandise stores	1 832	704	98	21	246	69
Food stores	2 539	296	116	22	242	46
Motor vehicles and accessories retailing	1 740	103	102	13	221	7
Gasoline service stations	616	23	23	4	164	—
Apparel and accessories stores	828	378	73	43	77	30
Furniture, home furnishings, and equipment stores	658	65	50	5	71	11
Other retail trade	2 173	434	116	15	263	73
Finance, insurance, and real estate	4 536	653	284	32	343	34
Business and repair services	3 509	454	292	80	280	32
Personal services	1 519	384	113	27	163	66
All other industries	3 668	1 329	373	150	275	94

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas—Con.					
	Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female
Managers and administrators, except farm—Continued						
Managers and administrators, n.e.c., self-employed	12 704	2 060	627	70	1 289	179
Construction	2 110	61	135	—	249	7
Manufacturing	1 284	138	39	—	87	6
Transportation	296	19	17	5	5	16
Communications, and utilities and sanitary services	34	—	—	—	4	—
Wholesale trade	1 167	79	52	—	58	—
Retail trade	5 709	1 312	283	44	716	111
Hardware, farm equipment, and building material retailing	352	35	31	—	64	—
General merchandise stores	327	121	8	4	17	5
Food stores	1 478	492	69	7	160	53
Motor vehicles and accessories retailing	257	15	17	—	23	—
Gasoline service stations	1 394	12	—	—	—	—
Apparel and accessories stores	395	235	66	8	230	12
Furniture, home furnishings, and equipment stores	375	38	23	5	30	10
Other retail trade	1 131	364	54	20	156	31
Finance, insurance, and real estate	298	10	36	—	15	5
Business and repair services	798	82	43	5	66	—
Personal services	728	264	12	16	65	22
All other industries	280	95	10	—	24	12
Managers and administrators, except farm—allocated	5 044	1 080	397	51	405	107
Sales workers	90 156	53 776	4 416	3 386	6 970	5 339
Advertising agents and salesmen	1 403	265	47	13	86	14
Auctioneers	65	4	5	—	5	6
Demonstrators	54	450	—	10	6	77
Hucksters and peddlers	509	843	17	36	25	187
Insurance agents, brokers, and underwriters	10 549	1 219	499	35	811	60
Newsboys	1 171	141	85	7	110	11
Real estate agents and brokers	3 860	1 232	215	141	287	176
Stock and bond salesmen	2 389	237	99	22	156	10
Salesmen and sales clerks, n.e.c.	64 684	44 555	2 963	2 696	5 167	4 442
Sales representatives, manufacturing industries	12 501	930	402	59	835	68
Sales representatives, wholesale trade	16 064	979	641	47	1 004	68
Sales clerks, retail trade	22 658	39 687	1 167	2 355	2 021	3 975
Salesmen, retail trade	9 240	1 209	536	78	1 069	178
Salesmen of services and construction	4 221	1 750	217	157	238	153
Sales workers—allocated	5 472	4 830	486	426	317	356
Clerical and kindred workers	111 298	277 040	6 549	20 431	8 716	26 107
Bank tellers	1 122	5 028	30	229	119	571
Billing clerks	583	2 972	32	139	36	162
Bookkeepers	7 968	28 458	586	1 937	801	2 340
Cashiers	4 300	16 116	178	803	331	1 857
Clerical assistants, social welfare	—	—	—	—	—	—
Clerical supervisors, n.e.c.	1 763	1 471	108	95	133	73
Collectors, bill and account	1 020	299	33	—	56	30
Counter clerks, except food	1 823	3 759	83	142	183	406
Dispatchers and starters, vehicle	1 686	228	77	6	135	6
Enumerators and interviewers	311	956	14	58	19	70
Estimators and investigators, n.e.c.	5 014	2 884	256	184	499	241
Expeditors and production controllers	5 778	1 508	245	61	423	92
File clerks	2 387	10 176	221	1 007	82	738
Insurance adjusters, examiners, and investigators	2 260	599	95	26	115	35
Library attendants and assistants	628	1 670	86	220	31	259
Mail carriers, post office	5 964	241	428	5	572	42
Mail handlers, except post office	2 347	1 716	177	137	175	201
Messengers, including telegraph, and office boys	1 413	126	66	—	70	26
Meter readers, utilities	608	6	64	4	71	—
Office machine operators	5 003	13 029	308	911	460	1 074
Bookkeeping and billing machine	215	1 396	4	84	22	151
Calculating machine	77	1 155	5	63	12	24
Computer and peripheral equipment	3 072	891	172	52	266	89
Duplicating machine	291	332	19	18	37	39
Keypunch	764	8 335	73	613	79	695
Tabulating machine	199	104	11	—	11	18
Office machine, n.e.c.	385	816	24	81	33	58
Payroll and timekeeping clerks	1 541	3 353	68	223	144	182
Postal clerks	7 642	2 117	418	137	388	203
Proofreaders	329	656	5	40	32	34
Real estate appraisers	474	—	34	—	46	—
Receptionists	435	6 196	13	386	18	630
Secretaries	2 205	75 215	171	5 370	159	7 866
Shipping and receiving clerks	12 341	1 405	562	68	691	193
Statistical clerks	2 676	5 077	183	422	221	334
Stenographers	251	2 692	30	610	15	635
Stock clerks and storekeepers	9 693	3 389	433	76	901	220
Teacher aides, except school monitors	335	2 312	12	291	27	380
Telegraph operators	114	42	—	5	4	13
Telephone operators	435	10 157	21	624	43	756
Ticket, station, and express agents	1 127	652	36	15	69	21
Typists	1 911	32 787	144	2 649	121	2 521
Weighers	641	310	44	9	71	56
Miscellaneous clerical workers	4 865	8 722	359	569	434	625
Not specified clerical workers	4 044	10 802	361	1 137	569	1 744
Clerical and kindred workers—allocated	8 261	19 914	568	1 836	452	1 471

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas—Con.					
	Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female
Craftsmen and kindred workers	248 836	11 467	14 886	530	27 909	823
Automobile accessories installers.....	149	10	19	—	22	—
Bakers.....	2 918	668	145	12	179	79
Blacksmiths.....	180	—	3	—	44	—
Boilermakers.....	1 200	29	16	—	94	5
Bookbinders.....	498	605	17	29	—	17
Brickmasons and stonemasons.....	4 439	59	295	—	639	5
Bulldozer operators.....	764	4	127	—	178	—
Cabinetmakers.....	1 284	40	49	—	118	—
Carpenters.....	16 458	122	1 042	6	2 196	18
Carpet installers.....	894	4	83	—	85	—
Cement and concrete finishers.....	1 522	15	73	—	200	4
Compositors and typesetters.....	4 424	567	220	11	267	16
Cranemen, derrickmen, and hoistmen.....	4 203	54	249	—	456	—
Decorators and window dressers.....	785	683	42	36	91	89
Dental laboratory technicians.....	701	131	27	—	30	5
Electricians.....	11 609	151	656	36	1 804	12
Electric power linemen and cablemen.....	1 700	20	129	—	249	—
Electrotypers and stereotypers.....	159	14	11	—	34	—
Engravers, except photoengravers.....	202	51	7	9	15	—
Excavating, grading, and road machine operators; except bulldozer.....	2 922	14	207	—	480	3
Floor layers, except tile setters.....	560	—	33	6	59	—
Foremen, n.e.c.	34 523	3 247	2 192	156	4 523	224
Construction.....	3 176	5	187	—	532	—
Manufacturing.....	21 578	2 012	1 340	94	2 978	136
Durable goods.....	12 755	549	751	24	1 077	28
Nondurable goods, including not specified manufacturing.....	8 823	1 463	589	70	1 901	108
Transportation, communications, and other public utilities.....	3 157	114	185	—	269	5
All other industries.....	6 612	1 116	480	62	744	83
Forgemen and hammermen.....	308	33	4	—	17	—
Furniture and wood finishers.....	411	38	19	—	41	9
Furriers.....	77	12	5	—	—	—
Glaziers.....	501	9	25	—	74	4
Heat treaters, annealers, and temperers.....	596	26	16	—	20	—
Inspectors, scalers, and graders; log and lumber.....	23	—	—	—	10	—
Inspectors, n.e.c.	2 545	248	196	10	388	17
Construction.....	554	8	78	—	88	—
Railroads and railway express service.....	530	21	35	—	97	—
Jewelers and watchmakers.....	683	38	11	—	32	4
Job and die setters, metal.....	1 562	26	200	—	27	—
Locomotive engineers.....	855	—	62	—	109	—
Locomotive firemen.....	125	22	9	—	21	2
Machinists.....	9 593	164	510	9	1 112	16
Mechanics and repairmen	55 004	938	2 992	35	6 017	85
Air conditioning, heating, and refrigeration.....	3 816	43	233	—	379	7
Aircraft.....	1 359	25	99	—	352	6
Automobile body repairmen.....	2 221	17	141	—	203	6
Automobile mechanics.....	18 592	216	1 070	14	2 121	22
Data processing machine repairmen.....	1 099	45	30	—	98	6
Form implement.....	250	—	4	—	76	—
Heavy equipment mechanics, including diesel.....	13 368	211	739	6	1 201	18
Household appliance and accessory installers and mechanics.....	2 959	51	156	—	288	—
Loom fixers.....	192	—	—	—	23	—
Office machine.....	1 142	10	47	—	96	4
Radio and television.....	2 882	179	158	—	297	4
Railroad and car shop.....	916	5	43	—	226	6
Miscellaneous mechanics and repairmen.....	4 461	76	219	10	487	6
Not specified mechanics and repairmen.....	1 747	60	53	5	170	—
Millers, grain, flour, and feed	18	—	—	—	—	—
Millwrights.....	1 716	28	131	4	594	10
Molders, metal.....	727	101	62	17	73	—
Motion picture projectionists.....	289	5	14	4	16	—
Opticians, and lens grinders and polishers.....	665	132	5	5	62	—
Painters, construction and maintenance.....	6 900	222	471	8	942	23
Paperhangers.....	609	13	33	—	9	—
Pattern and model makers, except paper.....	1 228	44	85	—	40	—
Photoengravers and lithographers.....	1 011	93	28	7	41	—
Piano and organ tuners and repairmen.....	183	—	8	—	11	—
Plasterers.....	845	6	6	—	109	—
Plumbers and pipe fitters	11 544	100	616	3	1 721	15
Power station operators.....	483	—	27	—	105	—
Pressmen and plate printers, printing.....	5 616	380	269	16	248	19
Rollers and finishers, metal.....	445	48	49	—	14	—
Roofers and slaters.....	1 862	10	137	3	135	6
Sheetmetal workers and tinsmiths.....	4 734	95	175	4	490	—
Shipfitters.....	641	5	—	—	51	—
Shoe repairmen.....	641	30	44	—	43	4
Sign painters and letterers.....	362	10	39	4	47	—
Stationary engineers.....	4 523	76	236	—	546	5
Stone cutters and stone carvers.....	66	4	—	—	—	—
Structural metal craftsmen	1 766	3	230	—	373	4
Tailors.....	2 638	682	80	6	80	42
Telephone installers and repairmen.....	5 832	177	266	9	503	16
Telephone linemen and splicers.....	1 019	11	17	—	115	5
Tile setters.....	638	4	54	—	60	—
Tool and die makers.....	5 676	69	282	16	166	4
Upholsterers.....	844	50	65	19	114	9
Craftsmen and kindred workers, n.e.c.....	2 626	178	123	21	246	8
Former members of the Armed Forces.....	—	—	—	—	—	—
Craftsmen and kindred workers—allocated.....	18 305	849	1 643	29	1 324	39

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas—Con.					
	Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female
Operatives, except transport	159 090	109 604	10 328	7 641	17 964	7 043
Asbestos and insulation workers.....	643	4	18	—	167	—
Assemblers.....	10 358	10 413	581	872	2 747	751
Blasters and powdermen.....	29	—	7	—	—	—
Bottling and canning operatives.....	677	499	18	52	38	73
Chainmen, rodmen, and axmen; surveying.....	186	4	9	—	58	—
Checkers, examiners, and inspectors; manufacturing.....	10 046	8 236	541	746	1 132	992
Clothing ironers and pressers.....	2 965	3 285	41	264	32	274
Cutting operatives, n.e.c.....	3 969	1 827	189	74	239	89
Dressmakers and seamstresses, except factory.....	186	2 188	11	103	4	258
Drillers, earth.....	313	71	11	9	29	5
Dry wall installers and lathers.....	820	9	24	—	157	—
Dyers.....	538	40	22	—	88	—
Filers, polishers, sanders, and buffers.....	1 411	170	202	9	167	11
Furnacemen, smeltermen, and pourers.....	1 223	63	141	17	63	5
Garage workers and gas station attendants.....	6 493	125	447	4	927	4
Graders and sorters, manufacturing.....	229	593	4	13	21	45
Produce graders and packers, except factory and farm.....	66	138	—	—	—	6
Heaters, metal.....	226	5	—	—	20	—
Laundry and drycleaning operatives, n.e.c.....	1 572	2 273	121	185	103	216
Meat cutters and butchers, except manufacturing.....	5 052	352	269	15	353	19
Meat cutters and butchers, manufacturing.....	1 056	134	9	6	8	22
Meat wrappers, retail trade.....	89	1 028	6	52	5	129
Metal platers.....	740	59	31	—	11	3
Milliners.....	4	34	—	—	—	—
Mine operatives, n.e.c.....	257	47	26	4	16	—
Mixing operatives.....	2 021	88	145	5	265	17
Oilers and greasers, except auto.....	848	32	51	4	129	—
Packers and wrappers, except meat and produce.....	6 864	12 470	338	525	456	577
Painters, manufactured articles.....	2 602	268	154	57	404	23
Photographic process workers.....	950	718	63	32	66	51
Precision machine operatives	11 027	876	440	48	435	41
Drill press operatives.....	1 621	351	61	10	57	15
Grinding machine operatives.....	2 967	156	89	16	133	—
Lathe and milling machine operatives.....	4 841	253	209	17	179	26
Precision machine operatives, n.e.c.....	1 598	116	81	5	66	—
Punch and stamping press operatives.....	3 167	986	243	414	47	62
Riveters and fasteners.....	211	183	14	15	17	18
Sailors and deckhands.....	669	25	6	—	91	—
Sawyers.....	658	87	32	6	54	10
Sewers and stitchers.....	2 094	26 489	59	885	34	996
Shoemaking machine operatives.....	76	109	12	7	5	5
Solderers.....	202	1 095	16	89	28	12
Stationary firemen.....	2 091	131	329	—	325	6
Textile operatives.....	3 203	4 331	40	37	301	253
Carding, lapping, and combing operatives.....	137	4	—	—	15	6
Knitters, loopers, and toppers.....	706	676	—	—	23	16
Spinners, twistors, and winders.....	448	1 384	12	12	22	64
Weavers.....	536	385	5	9	4	16
Textile operatives, n.e.c.....	1 376	1 882	23	16	237	151
Welders and flamecutters.....	11 977	696	493	111	1 368	44
Winding operatives, n.e.c.....	691	542	65	55	84	135
Miscellaneous and not specified operatives.....	45 807	16 785	3 687	1 683	6 365	1 277
Occupation:						
Machine operatives, miscellaneous specified.....	19 817	6 901	1 529	660	2 228	572
Machine operatives, not specified.....	9 452	3 535	845	464	2 435	188
Miscellaneous operatives.....	11 818	4 304	794	267	1 128	349
Not specified operatives.....	4 720	2 045	519	292	574	168
Industry:						
Manufacturing	39 657	14 963	3 343	1 596	5 722	1 152
Durable goods.....	19 270	5 888	1 801	961	1 540	417
Lumber and wood products, except furniture.....	261	47	10	—	20	—
Furniture and fixtures.....	622	115	13	—	19	12
Stone, clay, and glass products.....	2 056	317	323	118	334	86
Primary metal industries.....	3 737	268	426	59	298	53
Blast furnaces, steel works, and rolling and finishing mills.....	1 850	70	161	—	77	—
Fabricated metal industries, including not specified metal.....	3 272	817	315	53	116	32
Machinery, except electrical.....	2 887	461	284	12	87	5
Electrical machinery, equipment, and supplies.....	2 659	2 256	185	577	73	194
Transportation equipment.....	1 863	215	145	113	376	11
Motor vehicles and motor vehicle equipment.....	737	85	134	113	265	11
Professional and photographic equipment, and watches.....	602	326	20	8	10	5
Ordnance.....	249	175	4	—	10	14
Miscellaneous manufacturing industries.....	949	858	63	21	193	5
Durable goods—allocated.....	113	33	13	—	4	—
Nondurable goods	19 987	8 883	1 499	611	4 141	728
Food and kindred products.....	3 148	1 561	78	17	159	210
Tobacco manufactures.....	64	226	—	—	—	—
Apparel and other fabricated textile products.....	706	2 091	11	139	23	78
Paper and allied products.....	3 962	1 640	167	29	364	64
Printing, publishing, and allied industries.....	1 483	1 123	62	30	57	40
Chemicals and allied products.....	5 081	1 022	295	5	2 398	84
Petroleum and coal products.....	1 657	5	9	—	259	—
Rubber and miscellaneous plastic products.....	3 569	887	865	111	705	140
Leather and leather products.....	254	273	22	55	162	106
Nondurable goods—allocated.....	63	55	—	9	14	6
Not specified manufacturing industries.....	400	192	43	24	41	7
Nonmanufacturing industries	6 150	1 822	344	87	643	125
Construction.....	490	28	55	9	46	7
Transportation, communications, and other public utilities.....	1 276	64	61	—	135	4
Wholesale and retail trade.....	2 307	878	109	22	251	44
Business and repair services.....	989	227	60	26	135	17
Public administration.....	472	163	27	9	11	—
All other industries.....	616	462	32	21	65	53
Operatives, except transport—allocated.....	14 784	12 096	1 408	1 247	1 105	614

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas—Con.					
	Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female
Transport equipment operatives	67 232	2 566	4 105	252	5 943	450
Boatmen and canalmen.....	76	—	—	—	29	5
Bus drivers.....	4 954	1 276	166	153	285	299
Conductors and motormen, urban rail transit.....	599	13	—	—	—	—
Deliverymen and roulemen.....	16 539	386	860	29	1 157	24
Fork lift and tow motor operatives.....	5 619	76	388	10	564	4
Motormen; mine, factory, logging camp, etc.....	50	—	10	—	—	—
Parking attendants.....	796	27	24	—	68	6
Railroad brakemen.....	1 026	14	57	—	141	—
Railroad switchmen.....	511	—	43	—	42	6
Taxicab drivers and chauffeurs.....	3 585	120	188	—	306	28
Truck drivers.....	27 350	352	1 753	29	2 947	31
Transport equipment operatives—allocated.....	6 127	302	616	31	404	47
Laborers, except farm	67 037	5 293	4 337	369	6 612	449
Animal caretakers, except farm.....	544	246	30	19	81	41
Carpenters' helpers.....	903	9	41	—	57	—
Construction laborers, except carpenters' helpers.....	10 835	171	789	11	1 276	10
Fishermen and oystermen.....	71	8	—	—	28	—
Freight and material handlers.....	11 229	707	715	65	1 071	44
Garbage collectors.....	1 595	41	97	5	164	5
Gardeners and groundskeepers, except farm.....	5 175	127	454	—	651	3
Longshoremen and stevedores.....	1 627	44	—	—	96	—
Lumbermen, raftsmen, and woodchoppers.....	64	9	4	—	36	—
Stock handlers.....	9 857	2 114	528	63	878	166
Teamsters.....	23	—	4	—	14	—
Vehicle washers and equipment cleaners.....	2 748	195	119	16	217	11
Warehousemen, n.e.c.....	2 499	56	135	5	176	—
Miscellaneous and not specified laborers.....	10 898	1 095	869	94	1 101	128
Occupation:						
Miscellaneous laborers.....	3 591	252	199	31	310	38
Not specified laborers.....	7 307	843	670	63	791	90
Industry:						
Manufacturing.....	6 058	597	473	54	563	72
Durable goods.....	3 878	311	278	30	229	13
Lumber and wood products, except furniture.....	68	—	—	—	—	—
Furniture and fixtures.....	88	5	—	—	—	—
Stone, clay, and glass products.....	441	26	88	10	29	—
Primary metal industries.....	1 604	21	70	—	48	4
Blast furnaces, steel works, and rolling and finishing mills.....	1 185	10	40	—	36	—
Fabricated metal industries, including not specified metal.....	571	67	38	—	26	—
Machinery, except electrical.....	336	39	34	6	14	5
Electrical machinery, equipment, and supplies.....	232	86	42	10	4	4
Transportation equipment.....	318	15	—	—	56	—
Motor vehicles and motor vehicle equipment.....	140	5	—	—	50	—
Professional and photographic equipment, and watches.....	27	26	6	—	—	—
Ordnance.....	18	—	—	4	—	—
Miscellaneous manufacturing industries.....	89	26	—	—	44	—
Durable goods—allocated.....	86	—	—	—	8	—
Nondurable goods.....	2 114	281	187	24	325	59
Food and kindred products.....	505	68	8	5	21	5
Tobacco manufactures.....	18	—	—	—	—	—
Textile mill products.....	233	32	6	—	19	5
Apparel and other fabricated textile products.....	57	36	14	—	6	—
Paper and allied products.....	237	33	25	—	27	21
Printing, publishing, and allied industries.....	127	27	8	—	5	—
Chemicals and allied products.....	325	34	17	4	151	14
Petroleum and coal products.....	279	5	8	—	12	—
Rubber and miscellaneous plastic products.....	253	35	92	10	55	—
Leather and leather products.....	49	—	3	5	29	14
Nondurable goods—allocated.....	31	11	6	—	9	—
Not specified manufacturing industries.....	66	5	8	—	—	—
Nonmanufacturing industries.....	4 840	498	396	40	538	56
Transportation, communications, and other public utilities.....	1 831	48	126	5	160	5
Wholesale and retail trade.....	1 477	187	122	15	195	17
Business and repair services.....	268	32	16	5	33	5
Public administration.....	297	26	30	—	28	5
All other industries.....	967	185	102	15	122	24
Laborers, except farm—allocated.....	8 969	471	552	91	766	41
Farmers and farm managers	4 815	875	241	62	1 326	115
Farmers, owners and tenants.....	3 310	248	129	16	1 092	84
Farm managers.....	529	13	15	—	109	4
Farmers and farm managers—allocated.....	976	614	97	46	125	27
Farm laborers and farm foremen	5 191	1 290	332	79	1 115	149
Farm foremen.....	152	7	11	—	11	4
Farm laborers, wage workers.....	3 661	570	158	—	887	60
Farm laborers, unpaid family workers.....	281	147	7	14	64	73
Farm service laborers, self-employed.....	—	5	—	—	—	—
Farm laborers and farm foremen—allocated.....	1 097	561	156	65	153	12

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas—Con.					
	Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female
Service workers, except private household	99 957	98 841	7 828	7 173	8 777	12 035
Cleaning service workers	27 329	12 900	2 248	1 091	3 391	1 559
Chambermaids and maids, except private household	175	3 092	19	182	18	383
Cleaners and charwomen	4 733	6 184	300	505	553	607
Janitors and sextons	22 421	3 624	1 929	404	2 820	569
Food service workers	23 586	36 646	1 481	2 290	1 772	5 182
Bartenders	5 721	345	264	49	205	43
Busboys	2 229	308	134	11	110	24
Cooks, except private household	7 612	5 691	451	271	725	968
Dishwashers	2 622	843	169	52	286	137
Food counter and fountain workers	903	2 753	81	245	96	509
Waiters	2 118	20 776	221	1 299	113	2 716
Food service workers, n.e.c., except private household	2 381	5 930	161	363	237	785
Health service workers	2 942	20 856	199	1 544	217	2 296
Dental assistants	66	1 561	—	118	—	207
Health aides, except nursing	398	1 786	25	107	28	171
Health trainees	10	633	—	24	4	21
Lay midwives	—	6	—	—	6	10
Nursing aides, orderlies, and attendants	2 243	10 003	174	1 001	165	1 279
Practical nurses	225	6 867	—	294	14	608
Personal service workers	9 416	13 866	694	959	786	1 693
Airline stewardesses	11	150	—	12	5	146
Attendants, recreation and amusement	784	164	58	14	114	55
Attendants, personal service, n.e.c.	500	1 132	26	43	34	150
Baggage porters and bellhops	213	18	16	—	30	—
Barbers	3 661	121	293	—	367	47
Boarding and lodging house keepers	10	40	5	4	5	10
Bootblacks	65	—	—	—	2	—
Child care workers, except private household	211	2 233	48	192	14	294
Elevator operators	905	368	8	15	14	—
Hairdressers and cosmetologists	2 031	7 602	126	469	107	732
Housekeepers, except private household	655	1 211	61	149	56	183
School monitors	65	409	5	6	11	37
Ushers, recreation and amusement	265	62	39	—	22	16
Welfare service aides	40	356	9	55	5	23
Protective service workers	26 521	2 464	2 036	163	2 110	169
Crossing guards and bridge tenders	524	1 506	42	60	51	110
Firemen, fire protection	3 535	48	253	—	292	10
Guards and watchmen	9 689	545	922	52	963	40
Marshals and constables	39	—	11	—	11	—
Policemen and detectives	12 394	317	775	40	733	9
Sheriffs and bailiffs	340	48	33	11	60	—
Service workers, except private household—allocated	10 163	12 109	1 170	1 126	501	1 136
Private household workers	821	22 587	96	1 537	161	3 020
Occupation:						
Child care workers, private household	56	1 942	5	92	20	352
Cooks, private household	36	682	5	78	14	120
Housekeepers, private household	99	2 000	11	92	80	251
Laundresses, private household	12	214	—	4	—	33
Maids and servants, private household	522	13 168	37	918	47	1 806
Private household workers—allocated	96	4 581	38	353	—	458
Living arrangement:						
Living in	100	1 725	15	232	9	173
Living out	721	20 862	81	1 305	152	2 847

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 Puerto Rican birth or parentage	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	1 841 284	1 677 738	154 565	29 404	1 817 516	1 352 776	346 755	117 985	37 638	89 622	154 726	
Professional, technical, and kindred workers	299 127	286 055	9 925	1 045	297 343	229 127	55 164	13 052	2 911	7 528	13 932	
Accountants	26 038	25 460	472	71	25 890	22 505	2 464	921	323	692	773	
Architects	1 876	1 820	34	-	1 876	1 564	241	71	15	49	89	
Computer specialists	11 294	10 839	349	16	11 275	9 911	978	386	14	52	226	
Engineers	60 348	58 686	736	139	60 161	53 520	5 272	1 369	794	1 957	1 508	
Aeronautical and astronautical	859	834	13	-	854	757	97	-	15	14	31	
Civil	6 270	6 006	112	22	6 245	5 527	585	133	111	306	272	
Electrical and electronic	17 297	16 811	206	60	17 250	15 586	1 268	396	199	611	323	
Mechanical	9 211	8 952	115	26	9 179	8 048	896	235	179	410	284	
Other engineers	26 711	26 083	290	31	26 633	23 602	2 426	605	292	616	598	
Lawyers and judges	10 916	10 789	85	13	10 860	9 218	1 286	376	94	172	312	
Life and physical scientists	11 650	10 800	507	29	11 592	10 157	1 177	258	55	241	312	
Chemists	8 987	8 347	388	26	8 937	7 860	889	188	51	225	240	
Physicians, dentists, and related practitioners	19 125	18 229	573	58	19 066	13 069	5 484	153	121	432	489	
Dentists	3 827	3 713	108	-	3 824	1 957	1 779	88	23	123	84	
Pharmacists	3 358	3 266	57	24	3 358	2 778	449	131	56	154	138	
Physicians, medical and osteopathic	10 241	9 557	202	34	10 190	7 033	2 921	236	42	126	229	
Other related practitioners	1 699	1 693	6	-	1 694	1 301	335	58	-	29	38	
Health technologists and technicians	1 973	1 707	223	25	1 947	1 472	280	195	9	69	181	
Religious workers	5 660	5 243	386	42	5 629	4 683	776	170	99	217	338	
Social scientists	4 828	4 725	66	-	4 812	4 038	641	133	23	45	121	
Social and recreation workers	3 803	3 141	640	68	3 772	2 606	783	383	27	144	1 362	
Teachers	40 819	38 976	1 630	82	40 530	16 663	20 413	3 454	213	675	1 733	
College and university	8 127	7 801	177	7	8 078	4 232	3 215	631	56	197	462	
Elementary and prekindergarten	9 171	8 535	628	14	9 106	2 966	5 014	1 126	31	123	431	
Secondary	20 515	19 808	665	35	20 395	7 560	11 381	1 454	110	275	598	
Engineering and science technicians	33 657	32 102	1 345	78	33 425	27 583	4 315	1 527	318	820	1 837	
Draftsmen and surveyors	13 938	13 449	433	37	13 818	11 105	1 982	731	163	377	771	
Electrical and electronic engineering technicians	6 341	5 992	295	15	6 316	5 330	789	197	36	82	208	
Technicians, except health, and engineering and science	4 801	4 688	87	-	4 779	4 000	648	131	23	86	163	
Airplane pilots	2 375	2 351	7	-	2 364	1 980	367	17	-	29	59	
Writers, artists, and entertainers	23 231	22 475	621	109	23 040	17 394	4 131	1 515	310	737	1 455	
Other professional, technical, and kindred workers	39 108	36 375	2 371	315	38 669	30 744	6 275	1 650	471	1 140	3 033	
Managers and administrators, except farm	221 716	216 202	4 751	974	220 761	194 070	22 710	3 981	3 964	8 687	7 368	
Buyers, purchasing agents, and sales managers	32 120	31 719	350	76	32 044	28 946	2 694	404	416	795	681	
School administrators	4 969	4 716	243	36	4 944	3 409	1 467	68	77	96	112	
Specified managers and administrators, public administration	10 653	10 177	447	34	10 589	9 655	721	213	224	543	501	
Other specified managers and administrators	40 200	38 674	1 308	297	39 858	33 562	5 107	1 189	926	2 304	2 274	
Managers and administrators, n.e.c., salaried	116 047	113 786	1 927	408	115 732	104 407	9 741	1 584	1 671	3 679	2 847	
Manufacturing	41 382	40 936	320	66	41 339	38 365	2 623	351	576	1 161	849	
Wholesale and retail trade	29 221	28 475	638	173	29 104	25 990	2 635	479	393	853	644	
Transportation, communications, and other public utilities	11 235	11 073	132	34	11 213	10 317	785	111	185	625	357	
All other industries	34 209	33 302	837	135	34 076	29 735	3 698	643	517	1 040	997	
Managers and administrators, n.e.c., self-employed	17 727	17 130	476	123	17 594	14 091	2 980	523	650	1 270	553	
Construction	3 354	3 215	125	17	3 328	1 993	1 157	178	139	212	178	
Manufacturing	1 780	1 770	-	-	1 765	1 468	276	21	78	109	79	
Wholesale and retail trade	8 777	8 536	215	100	8 694	7 630	902	162	331	668	406	
All other industries	3 816	3 609	136	6	3 807	3 000	645	162	102	281	290	
Sales workers	139 928	135 756	3 918	848	138 359	108 453	20 753	9 153	2 072	5 337	10 259	
Insurance agents, brokers, and underwriters	15 929	15 400	486	76	15 826	13 502	1 927	397	225	457	452	
Real estate agents and brokers	6 202	6 055	135	6	6 156	4 658	1 168	330	147	332	226	
Sales representatives, manufacturing industries	21 680	21 375	267	55	21 609	18 896	2 234	479	244	538	590	
Sales representatives, wholesale trade	22 297	21 860	386	79	22 184	19 072	2 457	655	215	600	670	
Sales clerks, retail trade	33 505	32 020	1 425	396	32 943	21 684	6 496	4 763	606	1 640	5 166	
Salesmen, retail trade	13 919	13 611	282	80	13 809	10 717	2 293	799	247	435	617	
Salesmen of services and construction	7 188	7 048	135	29	7 155	5 772	1 115	268	46	195	357	
Other sales workers	19 208	18 387	802	127	18 677	14 152	3 063	1 462	342	1 140	2 181	
Clerical and kindred workers	163 828	150 090	13 123	1 718	161 370	121 133	25 791	14 446	3 346	8 434	17 558	
Bank tellers and cashiers	7 927	7 333	574	40	7 690	4 022	1 880	1 788	108	475	1 852	
Bookkeepers and billing clerks	14 797	14 184	548	91	14 593	11 770	2 819	804	389	927	1 123	
Mail handlers and postal clerks	21 944	19 287	2 634	157	21 692	17 464	2 070	1 358	324	972	1 751	
Other clerical and kindred workers	119 160	109 286	9 367	1 430	117 395	87 877	19 022	10 496	2 525	6 060	12 832	
Craftsmen and kindred workers	388 003	362 461	24 405	4 621	384 500	288 546	80 063	15 891	9 953	21 862	21 070	
Apparel craftsmen and upholsterers	4 503	4 218	275	138	4 468	3 096	1 232	140	194	349	317	
Bakers	4 601	4 222	369	177	4 546	3 366	942	238	199	322	318	
Cabinetmakers	2 222	2 142	80	89	2 195	1 652	458	85	57	147	119	
Construction craftsmen	102 950	97 027	5 651	758	102 115	59 296	36 663	6 156	2 730	6 719	6 925	
Carpenters	28 739	27 470	1 172	215	28 455	15 181	11 386	1 888	859	2 128	1 848	
Excavating, grading, and road machine operators	7 372	6 768	584	54	7 357	4 438	2 618	301	58	257	308	
Electricians	18 410	17 858	509	86	18 300	13 933	3 769	598	371	958	710	
Masons and tile setters	9 623	8 363	1 238	86	9 529	3 433	5 505	591	304	574	670	
Painters, construction and maintenance, and paperhangers	12 365	11 294	1 029	185	12 206	5 835	4 978	1 393	471	1 297	2 101	
Plasterers and cement finishers	2 697	2 260	433	60	2 671	886	1 485	300	74	211	212	
Plumbers and pipe fitters	16 776	16 216	533	47	16 681	12 227	3 863	591	477	944	725	
Other construction craftsmen	6 968	6 798	153	25	6 916	3 363	3 059	494	116	350	351	
Foremen, n.e.c.	59 301	56 202	2 925	718	59 109	52 337	6 089	683	1 496	3 053	1 483	
Manufacturing	37 228	35 454	1 682	533	37 118	33 479	3 270	369	948	1 750	870	
Nonmanufacturing industries	22 073	20 748	1 243	185	21 991	18 858	2 819	314	548	1 303	613	
Linemen and servicemen, telephone and power	15 011	14 383	617	20	14 875	12 727	1 580	568	191	561	485	
Locomotive engineers and firemen	1 334	1 308	26	-	1 329	1 064	254	11	129	195	83	
Mechanics and repairmen	87 366	81 226	5 802	1 233	86 691	69 680	13 351	3 640	1 313	3 020	3 175	
Air conditioning, heating, and refrigeration	5 449	5 165	270	75	5 434	4 507	746	181	61	182	188	
Aircraft	2 204	2 104	100	34	2 200	1 941	222	37	26	65	54	
Automobile, including body	33 424	30 144	3 156	548	33 129	25 600	5 670	1 859	395	982	1 308	
Radio and television	4 570	4 291	251	78	4 531	3 554	716	261	53	148	151	
Other mechanics and repairmen	41 719	39 522	2 025	498	41 397	34 078	5 997	1 322	778	1 643	1 474	
Metal craftsmen, except mechanics	40 149	38 029	1 994	418	39 921	31 891	6 911	1 119	1 343	2 375	1 521	

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

THE STATE—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Operatives, except transport	243 079	206 140	35 621	10 914	238 950	168 411	53 081	17 458	5 817	13 085	19 324
Assemblers	16 496	13 929	2 486	881	16 219	10 481	4 584	1 154	242	782	1 485
Checkers, examiners, and inspectors; manufacturing	16 198	14 754	1 414	257	15 997	12 543	2 718	736	358	924	766
Garage workers and gas station attendants	10 750	9 932	797	122	10 353	4 268	3 088	2 997	45	330	1 965
Laundry and drycleaning operatives, n.e.c.	2 276	1 662	514	71	2 208	1 678	371	159	75	179	253
Meat cutters and butchers	8 984	8 329	642	172	8 924	7 314	1 224	386	177	631	452
Mine operatives, n.e.c.	595	509	74	17	584	402	163	19	38	70	65
Packers and wrappers, except produce	11 414	9 613	1 736	1 059	11 059	6 595	2 730	1 734	183	589	1 995
Painters, manufactured articles	3 660	2 942	686	175	3 605	2 566	866	173	90	230	279
Precision machine operatives	12 752	11 747	950	351	12 690	10 172	1 969	539	309	688	524
Sawyers	943	836	92	56	916	628	205	83	11	60	73
Stationary firemen	4 428	3 879	533	20	4 422	3 739	554	129	161	349	179
Textile operatives	5 539	5 139	389	452	5 443	3 824	1 311	308	349	480	377
Welders and flamecutters	12 446	11 018	1 365	273	12 330	8 868	2 960	502	200	430	473
Other metalworking operatives	9 222	7 589	1 589	615	9 090	6 616	1 964	510	262	522	482
Other specified operatives	49 446	39 236	9 821	2 188	48 230	32 411	12 653	3 166	1 524	3 122	4 636
Miscellaneous and not specified operatives	77 930	65 026	12 533	4 205	76 890	56 306	15 721	4 863	1 793	3 699	5 320
Occupation:											
Machine operatives, miscellaneous specified	29 269	24 546	4 638	1 270	28 979	22 054	5 468	1 457	745	1 471	1 762
Machine operatives, not specified	24 059	19 400	4 541	1 857	23 731	17 505	4 938	1 288	462	883	1 233
Miscellaneous operatives	16 327	13 985	2 232	648	16 097	11 094	3 567	1 436	416	907	1 531
Not specified operatives	8 275	7 095	1 122	430	8 083	5 653	1 748	682	170	438	794
Industry:											
Manufacturing	69 214	57 660	11 240	3 955	68 294	50 721	13 630	3 943	1 600	3 218	4 458
Durable goods	32 539	27 130	5 195	1 998	32 129	23 228	6 931	1 970	841	1 479	1 926
Wood products, including furniture	1 214	1 022	170	148	1 183	827	280	76	22	81	100
Primary metal industries	4 963	3 764	1 175	273	4 901	3 693	1 010	198	211	261	280
Fabricated metal industries	5 170	4 290	817	392	5 089	3 639	1 114	336	118	134	311
Machinery, including electrical	9 773	8 410	1 310	572	9 640	6 971	2 070	599	219	393	523
Motor vehicles and equipment	1 025	808	217	23	1 021	605	371	45	36	81	37
Transportation equipment, except motor vehicles	749	649	100	28	744	562	157	25	46	37	63
Other durable goods	9 645	8 187	1 406	562	9 551	6 931	1 929	691	189	492	612
Nondurable goods	35 845	29 918	5 827	1 816	35 359	26 963	6 494	1 902	746	1 670	2 474
Food and kindred products	4 687	3 934	743	295	4 602	3 472	840	290	96	235	346
Apparel and other fabricated textile products	1 524	1 343	181	156	1 491	864	457	170	36	65	186
Paper and allied products	4 889	3 982	902	457	4 816	3 601	953	262	121	203	246
Chemicals and allied products	14 419	12 157	2 225	259	14 249	11 527	2 211	511	219	572	773
Other nondurable goods	10 326	8 502	1 776	649	10 201	7 499	2 033	669	274	595	923
Not specified manufacturing industries	830	612	218	141	806	530	205	71	13	69	58
Nonmanufacturing industries	8 716	7 366	1 293	250	8 596	5 585	2 091	920	193	481	862
Transportation, communications, and other public utilities	2 018	1 711	297	33	2 000	1 517	376	107	46	104	127
Wholesale and retail trade	3 262	2 680	569	102	3 222	1 912	824	486	69	177	376
All other industries	3 436	2 975	427	115	3 374	2 156	891	327	78	200	359
Transport equipment operatives	109 339	91 809	17 290	1 845	107 929	75 747	25 434	6 748	1 864	5 104	7 829
Bus drivers	8 036	7 164	845	80	7 973	5 575	2 142	256	196	525	406
Taxicab drivers and chauffeurs	4 743	3 890	848	88	4 676	2 730	1 528	418	105	433	377
Truck drivers and deliverymen	75 378	64 322	10 906	1 159	74 599	52 245	17 504	4 850	1 172	3 188	4 977
Other transport equipment operatives	21 182	16 433	4 691	518	20 681	15 197	4 260	1 224	391	958	2 069
Laborers, except farm	108 175	86 640	21 085	3 244	104 908	57 260	30 325	17 323	2 438	6 773	25 619
Construction laborers	19 310	14 744	4 515	382	18 949	8 560	7 694	2 695	467	1 102	3 950
Freight, stock, and material handlers	49 204	41 608	7 410	1 268	47 769	26 784	12 222	8 763	693	2 215	10 047
Other specified laborers	25 774	19 428	6 215	684	24 728	13 911	6 858	3 959	764	2 103	8 442
Miscellaneous and not specified laborers	13 887	10 860	2 935	910	13 462	8 005	3 551	1 906	514	1 353	3 180
Occupation:											
Miscellaneous laborers	3 796	2 945	818	130	3 715	2 538	892	285	205	361	595
Not specified laborers	10 091	7 915	2 117	780	9 747	5 467	2 659	1 621	309	992	2 585
Industry:											
Manufacturing	6 667	5 240	1 397	627	6 467	3 871	1 825	771	251	570	1 150
Durable goods	3 658	2 848	786	257	3 535	2 115	1 053	367	133	274	645
Wood products, including furniture	157	117	32	20	149	83	53	13	—	8	42
Metal industries	1 571	1 181	385	72	1 534	926	475	133	57	106	272
Machinery, including electrical	722	560	162	71	670	391	181	98	24	36	97
Transportation equipment	191	163	28	36	191	99	68	24	4	41	64
Other durable goods	1 017	827	179	58	991	616	276	99	48	83	170
Nondurable goods	2 817	2 249	568	336	2 746	1 668	678	400	103	256	456
Food and kindred products	483	523	160	108	469	367	197	105	—	58	103
Not specified manufacturing industries	192	143	43	34	186	88	94	4	15	40	49
Nonmanufacturing industries	7 220	5 620	1 538	283	6 995	4 134	1 726	1 135	263	783	2 030
Railroads and railway express service	474	319	155	16	469	334	122	13	56	74	76
Transportation, except railroads	558	470	88	28	550	338	150	62	26	40	86
Communications, and utilities and sanitary services	1 261	927	315	43	1 210	963	191	56	69	130	201
Wholesale and retail trade	2 205	1 716	472	72	2 103	1 103	553	447	45	217	671
All other industries	2 722	2 188	508	124	2 663	1 396	710	557	67	322	996
Farmers and farm managers	6 479	6 023	412	6	6 409	5 208	904	297	523	869	932
Farm laborers and farm foremen	6 851	5 710	1 106	701	6 605	3 644	1 800	1 161	252	627	2 114
Paid farm laborers and farm foremen	6 442	5 301	1 106	701	6 225	3 419	1 691	1 115	226	617	1 843
Unpaid family workers	409	409	—	—	380	225	109	46	26	10	271
Service workers, except private household¹	153 254	129 886	22 408	3 482	149 515	100 716	30 502	18 297	4 442	11 221	27 638
Cleaning service workers	44 294	35 348	8 705	967	43 427	29 464	8 887	5 076	1 659	3 976	6 764
Food service workers	35 073	30 500	4 154	1 581	33 727	17 815	8 714	7 198	8 714	2 441	8 713
Coaks, except private household	12 083	9 967	1 915	601	11 763	6 946	3 024	1 793	300	831	2 086
Busboys and dishwashers	5 880	5 272	579	375	5 400	1 286	1 435	2 679	61	371	3 316
Health service workers	3 129	1 818	1 279	100	3 031	1 778	722	531	68	227	660
Personal service workers	14 692	13 101	1 542	262	14 342	9 210	3 025	2 107	349	1 229	5 232
Protective service workers	43 074	39 935	3 053	213	42 724	34 266	6 319	2 139	1 145	2 518	2 462
Firemen, fire protection	7 630	7 390	240	—	7 419	6 969	571	79	154	209	167
Guards and watchmen	13 195	11 659	1 480	81	12 993	8 989	2 616	1 388	718	1 541	1 568
Policemen and detectives	19 412	18 166	1 227	132	19 347	17 176	1 854	317	156	473	424
Private household workers	928	480	433	—	867	461	228	178	56	95	283
Unemployed persons, last worked 1959 or earlier²	577	486	88	6	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately. <

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 Puerto Rican birth or parentage	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
THE STATE—Continued												
Female, 16 years old and over	1 124 893	984 740	133 574	14 022	1 076 399	561 546	335 646	179 207	112 493	245 004	247 099	
Professional, technical, and kindred workers	167 231	151 853	13 214	656	162 865	61 234	75 224	26 407	14 257	32 636	31 355	
Accountants	4 421	4 148	228	—	4 341	3 256	704	381	228	315	736	
Computer specialists	2 434	2 297	97	—	2 405	1 610	464	331	121	374	264	
Librarians	3 609	3 383	144	7	3 567	1 720	1 453	394	209	595	500	
Mathematical specialists	572	550	10	—	562	364	153	45	23	170	93	
Life and physical scientists	1 837	1 595	106	11	1 806	1 242	382	5	176	387	223	
Registered nurses, dietitians, and therapists	33 282	29 424	3 066	98	32 488	16 522	10 862	5 104	2 977	6 574	5 726	
Dietitians	1 024	729	245	4	989	614	260	115	2 126	6 192	1 662	
Registered nurses	30 706	27 281	2 699	94	30 010	15 268	9 967	4 775	2 723	6 114	5 292	
Health technologists and technicians	5 864	5 098	652	27	5 720	3 397	1 463	860	586	1 246	867	
Social scientists	865	816	33	8	853	415	137	101	32	135	82	
Social and recreation workers	5 257	4 114	1 114	8	5 167	2 782	1 519	866	384	1 129	2 487	
Teachers: College and university	3 079	2 837	179	—	3 018	731	1 703	584	159	391	443	
Elementary and prekindergarten	49 325	45 428	3 736	72	48 332	7 146	32 468	8 718	4 344	10 561	9 437	
Secondary	18 933	17 478	812	69	18 001	2 517	12 260	3 224	1 547	3 577	3 110	
Other teachers	3 951	3 734	202	69	3 787	942	1 889	956	192	591	914	
Engineering and science technicians	4 652	4 311	310	7	4 542	3 069	1 356	541	402	829	739	
Technicians, except health, and engineering and science	6 589	6 521	68	11	6 547	3 566	1 537	78	24	61	54	
Writers, artists, and entertainers	8 722	8 386	271	90	8 477	4 393	2 477	1 607	771	1 739	2 003	
Actors and dancers	223	216	7	21	202	47	89	66	45	107	137	
Authors, editors, and reporters	2 798	2 721	62	—	2 745	1 643	672	430	221	571	498	
Other professional, technical, and kindred workers	20 379	17 733	2 216	126	19 252	10 772	6 045	2 435	1 995	3 541	3 886	
Managers and administrators, except farm	33 537	31 816	1 569	183	32 818	24 046	6 499	2 273	2 286	4 948	4 313	
Buyers, purchasing agents, and sales managers	5 979	5 783	186	67	5 866	4 392	1 004	470	486	1 001	687	
Restaurant, cafeteria, and bar managers	2 558	2 408	126	17	2 524	1 423	903	198	190	449	488	
School administrators	1 757	1 647	104	—	1 737	792	889	56	146	226	131	
Other specified managers and administrators	7 692	7 101	562	49	7 382	5 736	1 128	518	464	1 093	1 274	
Managers and administrators, n.e.c., salaried	12 921	12 371	494	36	12 750	9 851	2 062	837	728	1 700	1 387	
Wholesale and retail trade	3 762	3 637	110	10	3 689	2 815	590	284	179	527	377	
Managers and administrators, n.e.c., self-employed	2 630	2 506	97	14	2 559	1 852	513	194	272	479	346	
Wholesale and retail trade	1 608	1 549	54	6	1 551	1 187	273	91	209	269	190	
Sales workers	84 527	80 646	3 649	614	79 927	36 156	23 451	20 320	8 695	21 551	27 738	
Demonstrators, hucksters, and peddlers	1 817	1 743	74	5	1 557	442	556	559	119	673	824	
Insurance, real estate agents, and brokers	5 512	5 327	178	12	5 407	3 262	1 459	686	388	852	749	
Sales clerks, retail trade	60 670	58 098	2 396	457	57 941	24 746	17 258	15 937	6 632	16 849	21 063	
Salesmen, retail trade	2 115	2 030	85	12	1 976	960	536	480	161	377	554	
Other sales workers	14 413	13 448	916	128	13 046	6 746	3 642	2 658	1 395	2 800	4 548	
Clerical and kindred workers	431 608	399 048	31 266	2 447	416 465	257 441	95 318	63 706	51 840	97 441	88 232	
Bank tellers	8 701	8 265	410	56	8 549	5 725	1 648	1 176	828	1 739	1 501	
Bookkeepers	49 742	47 828	1 784	182	48 765	34 628	9 205	4 932	5 145	8 880	7 081	
Cashiers	25 873	23 990	1 766	159	24 381	9 619	7 367	7 395	1 809	6 010	8 740	
Counter clerks, except food	5 798	5 306	464	34	5 560	2 913	1 522	1 125	401	1 410	1 437	
Enumerators and interviewers	1 190	697	1 93	—	633	203	111	319	290	224	414	
File clerks	15 139	13 553	1 540	105	14 333	6 940	3 695	3 698	2 060	4 014	4 994	
Office machine operators	19 498	17 251	2 151	96	18 983	11 809	4 549	2 625	2 469	4 377	3 343	
Bookkeeping and billing machine operators	3 075	2 854	200	6	3 032	2 053	627	352	517	630	425	
Keypunch operators	11 451	9 786	1 594	82	11 186	6 712	2 881	1 593	1 282	2 667	2 062	
Payroll and timekeeping clerks	5 291	5 017	247	18	5 185	3 940	3 878	367	565	895	667	
Receptionists	9 780	9 171	590	66	9 387	5 070	2 457	1 860	1 333	2 744	2 443	
Secretaries	119 625	115 465	3 930	506	117 371	81 218	24 252	11 901	16 999	30 038	18 593	
Stenographers	4 164	3 899	265	23	4 049	2 775	780	494	686	866	448	
Telephone operators	16 993	15 135	1 841	65	16 412	10 009	3 743	2 660	2 204	4 181	3 500	
Typists	48 652	43 972	4 511	381	46 878	26 443	11 399	9 036	6 647	11 948	11 990	
Other clerical and kindred workers	101 562	89 499	11 674	756	95 979	56 149	23 712	16 116	10 404	20 095	22 881	
Craftsman and kindred workers	11 449	15 311	2 058	334	16 974	10 786	4 683	1 505	1 379	2 958	2 740	
Foremen, n.e.c.	6 159	5 473	654	81	6 102	4 523	1 324	255	385	826	603	
Operatives, except transport	207 661	168 780	37 440	8 130	197 643	96 667	72 984	27 992	19 240	44 563	40 799	
Assemblers	23 837	18 572	5 125	909	22 826	11 652	7 425	3 749	1 655	5 400	5 746	
Battling and canning operatives	618	482	136	32	596	243	225	128	82	164	151	
Checkers, examiners, and inspectors, manufacturing	18 540	15 602	2 876	253	18 087	10 888	5 403	1 796	1 836	3 663	2 814	
Dressmakers and seamstresses, except factory	2 955	2 590	328	34	2 840	1 207	1 136	497	421	799	602	
Laundry and drycleaning operatives, including ironers	7 532	3 738	3 695	229	7 127	3 959	2 183	985	767	1 964	1 717	
Graders and sorters, manufacturing	760	571	180	23	718	291	237	190	160	232	245	
Packers and wrappers, except produce	25 621	21 801	3 689	1 029	24 301	12 114	7 561	4 626	2 215	6 055	6 371	
Sewers and stitchers	46 496	42 101	4 016	2 237	45 152	15 666	24 035	5 451	4 864	9 492	6 441	
Textile operatives	3 561	3 286	257	174	3 420	1 615	1 359	446	639	1 081	715	
Other specified operatives	37 238	28 305	8 601	1 122	33 861	18 433	10 674	4 754	3 723	7 779	8 405	
Miscellaneous and not specified operatives	40 503	31 732	8 537	2 088	38 715	20 599	12 746	5 370	2 878	7 934	7 592	
Manufacturing	37 705	29 625	7 871	2 026	36 067	19 366	11 831	4 870	2 640	7 473	6 846	
Durable goods	19 174	14 653	4 426	998	18 443	10 644	5 498	2 301	1 179	3 612	3 237	
Machinery, including electrical	9 545	7 117	2 393	355	9 185	5 468	2 670	1 047	533	1 671	1 207	
Other durable goods	9 629	7 536	2 033	643	9 258	5 176	2 828	1 254	646	1 941	2 030	
Nondurable goods, including not specified manufacturing	18 531	14 972	3 445	1 028	17 624	8 722	6 333	2 569	1 461	3 861	3 609	
Food and kindred products	1 814	1 288	520	79	1 732	944	485	303	144	434	279	
Apparel and other fabricated textile products	5 149	4 437	645	434	4 921	1 869	2 318	734	374	1 045	969	
Nonmanufacturing industries	2 798	2 107	666	62	2 648	1 233	915	500	238	461	746	
Transport equipment operatives	5 732	5 212	500	49	5 425	1 358	2 986	1 081	127	567	797	
Laborers, except farm	8 789	7 217	1 538	226	8 307	4 138	2 488	1 681	591	1 813	2 563	
Farmers and farm managers	1 032	803	221	—	985	832	117	36	147	228	211	
Farm laborers and farm foremen	1 690	1 165	510	28	1 517	482	492	543	304	518	1 184	
Paid farm laborers and farm foremen	1 250	748	487	28	1 104	236	421	447	219	414	871	
Unpaid family workers	440	417	23	—	413	246	71	96	85	104	313	
Service workers, except private household ¹	137 150	110 616	25 704	1 208	129 058	57 744	43 165	28 149	11 069	31 164	41 107	
Cleaning service workers	14 690	10 247	4 352	170	14 003	7 964	3 769	2 270	1 411	3 549	3 857	
Chambermaids and maids	3 708	2 341	1 349	59	3 516	1 525	1 247	744	479	1 160	1 806	
Food service workers	52 121	47 487	4 351	250	49 160	17 375	18 549	13 236	4 240	13 183	18 560	
Cooks, except private household	7 270	5 951	1 289	51	7 015	3 020	2 922	1 076	689	1 665	1 619	
Waiters and food counter workers	34 932	33 137	1 625	132	32 699	11 081	11 976	9 642	2 884	9 463	14 443	
Health service workers	29 920	20 132	9 606	190								

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 Puerto Rican birth or parentage	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	
ALLENTOWN—BETHLEHEM—EASTON, PA.—N.J., SMSA												
Male, 16 years old and over	145 368	143 834	1 288	911	143 884	111 303	24 232	8 349	3 713	7 512	14 539	
Professional, technical, and kindred workers	18 664	18 428	104	39	18 575	14 080	3 487	1 008	251	556	1 342	
Accountants	1 439	1 434	5	—	1 422	1 180	155	87	34	43	55	
Architects	62	62	—	—	62	50	4	8	—	—	—	
Computer specialists	549	545	4	—	549	495	37	17	—	11	28	
Engineers	3 349	3 317	6	6	3 344	2 999	232	113	56	90	175	
Aeronautical and astronautical	11	11	—	—	11	5	—	6	—	5	—	
Civil	358	353	—	—	358	314	34	10	8	26	64	
Electrical and electronic	789	778	—	—	789	710	64	15	5	10	34	
Mechanical	500	500	—	—	500	438	42	20	14	8	19	
Other engineers	1 691	1 675	—	6	1 686	1 532	92	62	29	41	58	
Lawyers and judges	396	396	—	—	396	359	37	—	11	—	11	
Life and physical scientists	539	528	6	—	533	475	39	19	21	20	62	
Chemists	409	404	—	—	403	367	24	12	21	14	52	
Physicians, dentists, and related practitioners	1 377	1 329	5	—	1 377	986	366	25	10	26	36	
Dentists	258	253	5	—	258	104	154	—	—	11	—	
Pharmacists	211	211	—	—	211	197	9	5	—	6	10	
Physicians, medical and osteopathic	727	689	—	—	727	530	177	20	6	9	15	
Other related practitioners	181	176	—	—	181	155	26	—	4	—	11	
Health technologists and technicians	146	143	3	—	146	110	20	16	—	11	17	
Religious workers	581	577	—	—	581	493	84	4	6	17	25	
Social scientists	145	138	7	—	145	110	22	13	5	—	11	
Social and recreation workers	165	154	5	—	165	129	15	21	—	20	161	
Teachers	3 656	3 606	29	15	3 641	1 614	1 684	343	24	82	104	
College and university	1 085	1 054	15	—	1 080	575	414	91	—	23	50	
Elementary and prekindergarten	605	598	7	—	605	246	311	48	4	24	16	
Secondary	1 783	1 771	7	15	1 783	695	919	169	20	35	27	
Engineering and science technicians	2 981	2 967	3	—	2 971	2 538	331	102	27	86	297	
Draftsmen and surveyors	1 665	1 656	3	—	1 665	1 417	200	48	16	31	127	
Electrical and electronic engineering technicians	314	314	—	—	314	273	29	12	—	—	37	
Technicians, except health, and engineering and science	241	241	—	—	241	221	20	—	5	11	8	
Airplane pilots	102	102	—	—	102	102	—	—	—	5	—	
Writers, artists, and entertainers	1 058	1 046	12	—	1 053	821	163	69	10	36	143	
Other professional, technical, and kindred workers	1 980	1 945	25	18	1 949	1 500	278	171	42	103	209	
Managers and administrators, except farm	12 852	12 790	52	12	12 827	11 436	1 123	268	280	595	540	
Buyers, purchasing agents, and sales managers	1 852	1 852	—	—	1 852	1 738	93	21	42	35	34	
School administrators	382	382	—	—	382	307	75	—	17	14	17	
Specified managers and administrators, public administration	529	511	18	—	529	487	38	4	24	25	93	
Other specified managers and administrators	2 281	2 269	7	—	2 274	1 907	254	113	56	160	142	
Managers and administrators, n.e.c., salaried	6 112	6 080	27	—	6 099	5 599	399	101	101	265	181	
Manufacturing	2 398	2 387	11	—	2 398	2 232	145	21	26	90	39	
Wholesale and retail trade	1 706	1 690	16	—	1 698	1 557	112	29	26	49	17	
Transportation, communications, and other public utilities	549	549	—	—	549	514	30	5	16	43	36	
All other industries	1 549	1 454	—	—	1 454	1 296	112	46	33	83	89	
Managers and administrators, n.e.c., self-employed	1 696	1 696	—	12	1 691	1 398	264	29	40	96	73	
Construction	370	370	—	—	370	238	122	10	—	13	—	
Manufacturing	184	184	—	—	184	166	18	—	5	4	5	
Wholesale and retail trade	865	865	—	5	860	764	85	11	26	50	60	
All other industries	277	277	—	7	277	230	39	8	9	29	8	
Sales workers	8 549	8 494	50	6	8 461	6 806	1 065	590	149	368	751	
Insurance agents, brokers, and underwriters	951	945	6	—	946	781	124	41	23	43	21	
Real estate agents and brokers	277	277	—	—	277	223	39	15	6	17	4	
Sales representatives, manufacturing industries	1 113	1 107	6	—	1 097	989	104	4	16	26	47	
Sales representatives, wholesale trade	1 529	1 529	—	—	1 529	1 333	154	42	13	33	51	
Sales clerks, retail trade	2 235	2 216	19	6	2 214	1 685	267	262	51	140	374	
Salesmen, retail trade	1 026	1 026	—	—	1 023	821	157	45	14	27	54	
Salesmen of services and construction	318	313	5	—	313	226	54	33	—	15	—	
Other sales workers	1 100	1 081	19	—	1 062	748	166	148	26	67	200	
Clerical and kindred workers	11 903	11 823	80	19	11 865	9 643	1 494	668	354	547	1 283	
Bank tellers and cashiers	559	559	—	—	559	431	62	66	6	25	139	
Bookkeepers and billing clerks	1 388	1 379	9	—	1 379	1 144	147	88	57	87	89	
Mail handlers and postal clerks	1 281	1 276	5	—	1 277	1 123	122	32	33	53	115	
Other clerical and kindred workers	8 675	8 609	66	19	8 590	6 945	1 163	482	258	382	940	
Craftsmen and kindred workers	34 224	33 983	225	133	34 056	26 919	6 097	1 040	1 101	1 974	2 251	
Apparel craftsmen and upholsterers	420	404	16	6	420	360	47	13	—	20	27	
Bakers	264	264	—	—	264	233	25	6	37	29	35	
Cabinetmakers	155	155	—	—	155	114	33	8	—	4	5	
Construction craftsmen	8 453	8 371	72	37	8 410	5 178	2 852	380	324	445	868	
Carpenters	2 442	2 438	—	11	2 442	1 394	920	128	142	125	172	
Excavating, grading, and road machine operators	698	686	12	—	692	467	220	5	9	21	63	
Electricians	1 583	1 583	—	—	1 574	1 240	297	37	54	86	95	
Masons and tile setters	686	670	16	—	681	347	281	53	32	24	68	
Painters, construction and maintenance, and paperhangers	868	848	14	7	857	420	393	44	33	97	307	
Plasterers and cement finishers	316	297	19	—	311	101	200	10	13	12	52	
Plumbers and pipe fitters	1 136	1 130	6	19	1 136	902	195	39	30	34	53	
Other construction craftsmen	724	719	5	—	717	307	346	64	11	46	58	
Foremen, n.e.c.	5 554	5 525	29	—	5 541	5 121	398	22	164	283	158	
Manufacturing	4 065	4 036	29	—	4 052	3 779	257	16	109	201	122	
Nonmanufacturing industries	1 489	1 489	—	—	1 489	1 342	141	6	55	82	36	
Linemen and servicemen, telephone and power	1 094	1 094	—	—	1 080	931	77	12	14	33	47	
Locomotive engineers and firemen	227	227	—	6	227	174	53	—	33	39	10	
Mechanics and repairmen	7 993	7 957	36	36	7 946	6 573	1 084	289	115	402	267	
Air conditioning, heating, and refrigeration	397	397	—	—	391	344	38	9	—	18	9	
Aircraft	51	51	—	—	51	51	—	—	—	—	5	
Automobile, including body	2 805	2 782	23	13	2 781	2 209	435	137	39	107	53	
Radio and television	353	353	—	—	353	311	32	10	—	17	13	
Other mechanics and repairmen	4 387	4 374	13	23	4 370	3 658	579	133	76	260	187	
Metal craftsmen, except mechanics	3 503	3 484	13	13	3 492	2 902	498	92	156	249	124	
Machinists and job and die setters	1 122	1 122	—	—	1 117	948	141	28	45	84	30	
Sheetmetal workers and tinsmiths	390	390	—	—	390	300	83	7	5	24	33	
Tool and die makers	364	364	—	—	364	330	34	—	44	24	10	
Other metal craftsmen	1 627	1 608	13	13	1 621	1 324	240	57	62	117	51	
Printing craftsmen	1 469	1 455	14	—	1 456	1 097	318	41	25	6	33	
Compositors and typesetters	774	760	14	—	766	573	177	16	20	6	14	
Pressmen and plate printers, printing	544	544	—	—	539	394	120	25	5	—	14	
Stationary engineers and power station operators	498	498	—	8	498	432	57	9	35	67	33	
Other craftsmen and kindred workers	4 594	4 549	45	27	4 567	3 744	655	168	198	397	644	

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

ALLENTOWN-BETHLEHEM-EASTON, PA.—N.J., SMSA—
Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Operatives, except transport	26 308	25 951	332	381	25 958	19 749	4 683	1 526	612	1 354	2 343
Assemblers.....	2 164	2 129	35	13	2 136	1 641	422	73	25	134	147
Checkers, examiners, and inspectors; manufacturing.....	1 284	1 258	22	—	1 268	1 068	151	49	34	66	91
Garage workers and gas station attendants.....	974	974	—	—	938	449	227	262	6	19	200
Laundry and drycleaning operatives, n.e.c.....	139	139	—	—	134	88	24	22	5	15	45
Meat cutters and butchers.....	569	569	—	—	569	505	34	30	24	27	20
Mine operatives, n.e.c.....	275	275	—	—	275	184	73	18	24	36	27
Packers and wrappers, except produce.....	997	977	20	24	979	673	154	152	16	84	202
Painters, manufactured articles.....	392	392	—	—	392	310	59	23	15	5	19
Precision machine operatives.....	2 148	2 105	38	28	2 119	1 814	252	53	71	128	113
Sawyers.....	282	282	—	35	276	208	48	20	6	—	10
Stationary firemen.....	567	567	—	—	567	489	63	15	37	42	20
Textile operatives.....	1 208	1 189	14	45	1 175	824	274	77	73	99	118
Welders and flamecutters.....	2 039	2 011	28	—	2 024	1 588	389	47	4	41	52
Other metalworking operatives.....	1 471	1 441	30	8	1 463	1 086	306	71	44	140	142
Other specified operatives.....	4 415	4 348	61	92	4 322	3 228	850	244	76	195	526
Miscellaneous and not specified operatives.....	7 384	7 295	84	136	7 321	5 594	1 357	370	152	323	611
Occupation:											
Machine operatives, miscellaneous specified.....	3 003	2 959	39	57	2 982	2 378	477	127	66	118	182
Machine operatives, not specified.....	1 247	1 224	23	45	1 242	951	226	65	8	30	91
Miscellaneous operatives.....	1 706	1 691	15	22	1 695	1 248	386	61	46	84	200
Not specified operatives.....	1 428	1 421	7	12	1 402	1 017	268	117	32	91	138
Industry:											
Manufacturing.....	6 759	6 670	84	136	6 707	5 120	1 268	319	146	286	536
Durable goods.....	4 132	4 088	44	73	4 115	3 244	694	177	97	218	279
Wood products, including furniture.....	86	86	—	—	86	77	9	—	—	—	10
Primary metal industries.....	1 379	1 350	29	33	1 379	1 145	187	47	43	128	98
Fabricated metal industries.....	449	445	4	—	449	333	116	—	8	5	60
Machinery, including electrical.....	1 105	1 099	6	18	1 100	863	184	53	9	16	41
Motor vehicles and equipment.....	164	164	—	—	164	143	21	—	—	5	4
Transportation equipment, except motor vehicles.....	5	5	—	—	5	—	—	5	—	—	—
Other durable goods.....	944	939	5	22	932	683	177	72	37	64	66
Nondurable goods.....	2 594	2 549	40	63	2 559	1 848	569	142	49	64	257
Food and kindred products.....	540	526	9	8	540	429	90	21	14	10	41
Apparel and other fabricated textile products.....	475	470	5	7	459	255	140	64	5	16	56
Paper and allied products.....	547	541	6	23	542	393	132	17	5	9	36
Chemicals and allied products.....	566	559	7	17	561	471	76	14	16	13	51
Other nondurable goods.....	466	453	13	8	457	300	131	26	9	16	73
Not specified manufacturing industries.....	33	33	—	—	33	28	5	—	—	4	—
Nonmanufacturing industries.....	625	625	—	—	614	474	89	51	6	37	75
Transportation, communications, and other public utilities.....	142	142	—	—	142	127	15	—	—	7	5
Wholesale and retail trade.....	280	280	—	—	280	219	36	25	6	12	48
All other industries.....	203	203	—	—	192	128	38	26	—	18	22
Transport equipment operatives.....	8 910	8 807	92	11	8 853	6 770	1 702	381	170	413	583
Bus drivers.....	311	311	—	—	311	211	90	10	13	26	13
Taxicab drivers and chauffeurs.....	185	185	—	—	185	82	66	37	4	51	37
Truck drivers and deliverymen.....	6 599	6 523	70	11	6 566	5 110	1 245	211	96	238	388
Other transport equipment operatives.....	1 815	1 788	22	—	1 791	1 367	301	123	57	98	145
Laborers, except farm.....	10 485	10 301	173	214	10 233	6 565	2 362	1 306	273	684	2 780
Construction laborers.....	1 871	1 823	43	25	1 840	1 023	610	207	41	119	608
Freight, stock, and material handlers.....	3 545	3 525	20	56	3 456	2 196	694	566	46	146	762
Other specified laborers.....	1 762	1 704	52	17	1 695	1 048	352	295	67	128	917
Miscellaneous and not specified laborers.....	3 307	3 249	58	116	3 242	2 298	706	238	119	291	493
Occupation:											
Miscellaneous laborers.....	1 367	1 347	20	48	1 339	1 046	227	66	43	104	149
Not specified laborers.....	1 940	1 902	38	68	1 903	1 252	479	172	76	187	344
Industry:											
Manufacturing.....	2 573	2 530	43	96	2 527	1 785	559	183	75	240	343
Durable goods.....	2 238	2 195	43	88	2 203	1 576	513	114	63	213	277
Wood products, including furniture.....	27	27	—	—	27	21	6	—	—	—	5
Metal industries.....	1 679	1 636	43	88	1 644	1 209	351	84	46	160	213
Machinery, including electrical.....	157	157	—	—	157	105	47	5	—	10	18
Transportation equipment.....	32	32	—	—	32	32	—	—	—	—	—
Other durable goods.....	343	343	—	—	343	209	109	25	17	43	41
Nondurable goods.....	329	329	—	—	318	203	46	69	5	27	66
Food and kindred products.....	80	80	—	—	80	40	26	14	—	4	21
Not specified manufacturing industries.....	6	6	—	8	6	6	—	—	7	—	—
Nonmanufacturing industries.....	734	719	15	20	715	513	147	55	44	51	150
Railroads and railway express service.....	167	167	—	7	167	123	28	16	23	17	38
Transportation, except railroads.....	28	28	—	—	28	13	10	5	—	—	5
Communications, and utilities and sanitary services.....	151	151	—	—	144	103	36	5	4	18	20
Wholesale and retail trade.....	163	152	11	—	151	116	21	14	11	—	23
All other industries.....	225	221	4	13	225	158	32	15	6	16	64
Farmers and farm managers.....	1 279	1 279	—	—	1 268	1 146	88	34	47	106	112
Form laborers and farm foremen.....	1 085	1 044	34	33	1 057	754	140	163	31	60	280
Paid farm laborers and farm foremen.....	954	913	34	28	931	649	129	153	27	54	264
Unpaid family workers.....	131	131	—	5	126	105	11	10	4	6	16
Service workers, except private household ¹	10 999	10 831	139	63	10 737	7 425	1 974	1 338	439	845	2 270
Cleaning service workers.....	4 182	4 120	57	38	4 108	2 990	760	358	218	368	809
Food service workers.....	2 608	2 598	5	19	2 487	1 400	526	561	60	177	707
Cooks, except private household.....	807	802	5	19	798	537	180	81	25	20	196
Busboys and dishwashers.....	460	455	—	—	387	97	87	203	4	65	250
Health service workers.....	291	266	25	—	286	131	69	86	5	15	25
Personal service workers.....	960	960	—	—	930	632	181	117	43	73	348
Protective service workers.....	2 290	2 267	23	—	2 274	1 869	317	88	81	169	147
Firemen, fire protection.....	359	359	—	—	359	328	26	5	—	6	4
Guards and watchmen.....	946	933	13	—	930	685	187	58	68	134	116
Policemen and detectives.....	902	892	10	—	902	817	75	10	13	17	17
Private household workers.....	64	57	7	—	54	10	17	27	6	10	4
Unemployed persons, last worked 1959 or earlier ²	46	46	—	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

²See 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 Puerto Rican birth or parentage	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	
ALLENTOWN-BETHLEHEM-EASTON, PA.—N.J., SMSA— Continued												
Female, 16 years old and over	89 711	88 422	1 133	517	86 340	46 802	26 515	13 023	8 905	19 235	19 241	
Professional, technical, and kindred workers	10 453	10 343	75	12	10 206	4 178	4 430	1 598	962	1 978	2 168	
Accountants	249	249	—	—	244	176	54	14	25	21	42	
Computer specialists	83	83	—	—	83	53	17	13	—	6	10	
Librarians	188	188	—	—	188	97	47	44	23	35	27	
Mathematical specialists	19	19	—	—	19	—	—	—	5	3	—	
Life and physical scientists	68	68	—	—	68	33	20	15	12	12	7	
Registered nurses, dietitians, and therapists	2 809	2 776	15	7	2 747	1 600	784	363	276	676	416	
Dietitians	42	42	—	—	42	21	21	—	—	10	10	
Registered nurses	2 657	2 624	15	—	2 595	1 521	729	345	271	638	402	
Health technologists and technicians	404	399	5	—	404	257	94	53	66	58	69	
Social scientists	38	32	6	—	38	28	4	6	5	—	5	
Social and recreation workers	270	270	—	—	264	147	61	56	15	53	174	
Teachers: College and university	308	286	17	—	308	133	123	52	6	16	51	
Elementary and prekindergarten	2 945	2 920	19	—	2 882	494	1 863	525	264	543	583	
Secondary	1 099	1 094	5	—	1 073	190	768	115	137	272	254	
Other teachers	358	353	5	—	342	115	146	81	26	38	65	
Engineering and science technicians	184	184	—	—	184	98	45	41	15	41	40	
Technicians, except health, and engineering and science	22	22	—	—	22	17	5	—	—	—	145	
Writers, artists, and entertainers	465	465	—	5	456	251	111	94	21	88	145	
Actors and dancers	22	22	—	—	18	—	7	11	—	4	16	
Authors, editors, and reporters	152	152	—	—	147	115	16	16	4	44	36	
Other professional, technical, and kindred workers	944	935	9	—	884	470	288	126	66	116	280	
Managers and administrators, except farm	1 960	1 950	10	—	1 924	1 496	316	112	117	276	365	
Buyers, purchasing agents, and sales managers	420	420	—	—	420	319	63	38	18	77	72	
Restaurant, cafeteria, and bar managers	230	230	—	—	230	166	55	9	—	52	21	
School administrators	110	106	4	—	105	40	61	4	—	6	—	
Other specified managers and administrators	296	290	6	—	276	230	33	13	38	53	127	
Managers and administrators, n.e.c., salaried	585	585	—	—	585	486	69	30	37	62	107	
Wholesale and retail trade	213	213	—	—	213	183	20	10	—	17	20	
Managers and administrators, n.e.c., self-employed	319	319	—	—	308	255	35	18	24	26	38	
Wholesale and retail trade	203	203	—	—	192	154	25	13	16	26	14	
Sales workers	6 126	6 102	20	6	5 856	2 850	1 560	1 446	664	1 616	1 988	
Demonstrators, hucksters, and peddlers	234	229	5	—	206	46	63	97	14	31	97	
Insurance, real estate agents, and brokers	138	138	—	—	134	78	39	17	—	41	30	
Sales clerks, retail trade	4 922	4 903	15	6	4 726	2 332	1 227	1 167	574	1 343	1 578	
Salesmen, retail trade	151	151	—	—	145	92	40	13	5	31	36	
Other sales workers	681	681	—	—	645	302	191	152	71	150	247	
Clerical and kindred workers	23 888	23 698	164	15	23 196	15 427	4 432	3 333	2 737	5 388	4 848	
Bank tellers	617	617	—	5	617	455	89	73	47	66	72	
Bookkeepers	3 017	3 012	—	—	2 967	2 226	477	264	268	524	412	
Cashiers	1 588	1 567	21	—	1 515	737	435	343	174	407	587	
Counter clerks, except food	225	225	—	—	225	139	51	35	19	59	70	
Enumerators and interviewers	33	33	—	—	21	10	—	11	36	19	47	
File clerks	694	690	4	—	661	400	117	144	125	226	260	
Office machine operators	1 112	1 112	—	—	1 099	755	183	161	120	249	181	
Bookkeeping and billing machine operators	166	166	—	—	166	107	37	22	21	37	14	
Keypunch operators	727	727	—	—	717	473	121	123	68	160	90	
Payroll and timekeeping clerks	416	416	—	—	401	306	52	43	43	56	68	
Receptionists	538	532	6	—	519	220	120	179	55	148	171	
Secretaries	7 025	6 978	31	—	6 887	5 021	1 166	700	831	1 598	1 168	
Stenographers	308	308	—	—	303	225	64	14	32	96	24	
Telephone operators	729	726	3	—	690	484	127	79	147	189	166	
Typists	2 624	2 599	25	—	2 571	1 611	473	487	342	694	461	
Other clerical and kindred workers	4 962	4 883	74	10	4 720	2 838	1 078	804	498	1 057	1 161	
Craftsmen and kindred workers	1 681	1 646	27	9	1 631	1 090	419	122	106	229	282	
Foremen, n.e.c.	631	619	12	—	625	537	77	11	31	75	63	
Operatives, except transport	29 699	29 224	426	437	28 684	14 877	10 522	3 285	2 932	6 050	5 179	
Assemblers	2 246	2 200	46	42	2 163	1 088	804	271	220	396	354	
Bottling and canning operatives	45	39	6	—	45	18	—	11	—	—	18	
Checkers, examiners, and inspectors, manufacturing	1 549	1 505	32	6	1 532	982	385	165	129	333	192	
Dressmakers and seamstresses, except factory	276	272	4	—	272	136	90	46	38	60	86	
Laundry and drycleaning operatives, including ironers	1 405	1 383	18	—	1 347	713	488	146	171	441	282	
Grocers and sorters, manufacturing	128	128	—	—	124	65	39	20	4	31	27	
Packers and wrappers, except produce	1 775	1 733	38	36	1 709	910	551	248	203	560	424	
Sewers and stitchers	12 869	12 744	107	180	12 524	6 181	5 145	1 198	1 239	2 312	1 938	
Textile operatives	1 214	1 207	7	5	1 181	619	431	131	162	341	228	
Other specified operatives	3 110	3 026	73	42	2 868	1 479	995	394	376	669	727	
Miscellaneous and not specified operatives	5 082	4 987	95	81	4 919	2 686	1 567	666	379	907	902	
Manufacturing	4 788	4 698	90	74	4 642	2 537	1 497	608	374	832	861	
Durable goods	1 583	1 548	35	—	1 541	985	424	132	81	203	158	
Machinery, including electrical	956	937	19	—	928	634	222	72	45	117	54	
Other durable goods	627	611	16	—	613	351	202	60	36	86	104	
Nondurable goods, including not specified manufacturing	3 205	3 150	55	74	3 101	1 552	1 073	476	293	629	703	
Food and kindred products	133	133	—	—	126	62	27	37	37	34	56	
Apparel and other fabricated textile products	2 076	2 050	26	56	1 996	909	782	305	181	359	435	
Nonmanufacturing industries	294	289	5	7	277	149	70	58	5	75	41	
Transport equipment operatives	289	289	—	5	275	110	130	35	6	27	53	
Laborers, except farm	754	736	16	11	711	386	194	131	88	161	171	
Farmers and farm managers	92	92	—	—	92	69	8	15	5	21	26	
Farm laborers and farm foremen	190	190	—	—	179	98	34	47	25	45	85	
Paid farm laborers and farm foremen	67	67	—	—	62	8	13	41	20	34	50	
Unpaid family workers	123	123	—	—	117	90	21	6	5	11	35	
Service workers, except private household ¹	12 735	12 480	230	22	12 008	5 533	3 998	2 477	1 042	2 971	3 735	
Cleaning service workers	1 843	1 759	84	15	1 782	1 085	400	297	131	411	454	
Chambermaids and maids	514	463	51	—	506	301	113	92	20	103	146	
Food service workers	5 650	5 603	33	—	5 336	1 868	2 184	1 284	512	1 549	1 682	
Cooks, except private household	1 081	1 063	18	—	1 056	426	488	142	153	279	183	
Waiters and food counter workers	3 173	3 148	11	—	2 956	1 030	1 076	850	262	1 007	1 200	
Health service workers	2 550	2 464	86	7	2 368	1 311	601	456	180	466	695	
Nursing aides, orderlies, and attendants	1 375	1 342	33	7	1 264	601	345	318	103	271	442	
Practical nurses	772	719	53	—	729	473	193	63	42	106	121	
Personal service workers	1 778	1 755	12	—	1 723	870	546	307	90	359	544	
Hairdressers and cosmetologists	1 229	1 215	9	—	1 190	655	363	172	54	219	132	
Private household workers	1 690	1 520	165	—	1 578	688	472	418	221	473	341	
Private household workers, living in	165	154	11	—	160	135	9	16	—	—	10	
Private household workers, living out	1 525	1 366	154	—	1 418	553	463	402	221	473	331	
Unemployed persons, last worked 1959 or earlier ²	152	152	—	—	—	—	—	—	—	—	—	

¹Includes protective service workers and allocated cases not shown separately. ²See 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 Puerto Rican birth or parentage	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	
JERSEY CITY SMSA												
Male, 16 years old and over	159 679	146 481	11 934	7 101	156 823	109 967	36 000	10 856	3 503	8 199	13 247	
Professional, technical, and kindred workers	15 768	14 835	598	208	15 595	10 586	3 864	1 145	169	398	971	
Accountants	1 677	1 609	44	7	1 677	1 328	265	84	26	31	63	
Architects	121	110	—	—	121	87	30	4	—	4	—	
Computer specialists	704	688	11	8	704	510	124	70	—	—	11	
Engineers	1 778	1 657	33	37	1 745	1 377	279	89	41	61	106	
Aeronautical and astronautical	18	18	—	—	18	—	—	—	—	—	—	
Civil	310	263	14	5	310	215	87	8	—	30	37	
Electrical and electronic	501	471	—	13	487	404	62	21	4	9	18	
Mechanical	271	255	11	19	261	191	47	23	17	15	36	
Other engineers	678	650	8	—	669	549	83	37	20	7	15	
Lawyers and judges	637	620	17	—	637	510	97	30	12	4	5	
Life and physical scientists	339	291	16	—	334	255	79	—	5	10	12	
Chemists	323	275	16	—	318	243	75	—	5	10	12	
Physicians, dentists, and related practitioners	1 058	965	13	7	1 058	689	320	49	5	47	67	
Dentists	198	192	—	—	198	70	112	16	—	16	6	
Pharmacists	211	196	—	—	211	164	29	18	—	20	12	
Physicians, medical and osteopathic	577	505	13	7	577	403	159	15	5	5	49	
Other related practitioners	72	72	—	—	72	52	20	—	—	6	—	
Health technologists and technicians	180	157	16	—	180	146	29	5	—	4	4	
Religious workers	422	383	39	14	416	325	91	—	4	9	13	
Social scientists	167	156	4	—	167	115	37	15	—	6	12	
Social and recreation workers	440	384	56	19	440	340	81	19	—	5	134	
Teachers	2 300	2 196	72	22	2 257	855	1 091	311	—	25	148	
College and university	383	358	5	7	371	150	170	51	—	6	35	
Elementary and prekindergarten	713	682	31	—	700	231	345	124	—	—	48	
Secondary	1 072	1 029	31	8	1 054	393	540	121	—	14	47	
Engineering and science technicians	1 837	1 779	41	9	1 828	1 320	361	147	18	46	147	
Draftsmen and surveyors	929	898	22	—	920	652	198	70	5	15	42	
Electrical and electronic engineering technicians	261	237	19	—	261	195	52	14	—	5	11	
Technicians, except health, and engineering and science	166	164	2	—	161	109	32	20	—	6	5	
Airplane pilots	37	37	—	—	37	24	13	—	—	—	—	
Writers, artists, and entertainers	1 306	1 274	19	41	1 291	852	331	108	22	54	86	
Other professional, technical, and kindred workers	2 636	2 402	215	44	2 579	1 768	617	194	36	86	158	
Managers and administrators, except farm	11 109	10 700	308	156	11 027	9 227	1 520	280	252	438	522	
Buyers, purchasing agents, and sales managers	1 117	1 092	17	15	1 099	966	120	13	21	36	46	
School administrators	200	194	6	—	200	131	63	6	—	6	—	
Specified managers and administrators, public administration	670	641	22	—	665	576	77	12	20	12	32	
Other specified managers and administrators	2 923	2 787	110	56	2 885	2 304	497	84	69	182	180	
Managers and administrators, n.e.c., salaried	5 069	4 905	123	79	5 054	4 319	602	133	78	128	154	
Manufacturing	1 273	1 240	29	13	1 269	1 110	126	33	31	37	32	
Wholesale and retail trade	1 506	1 437	49	34	1 502	1 294	160	48	24	30	33	
Transportation, communications, and other public utilities	823	816	7	11	823	745	71	7	10	10	37	
All other industries	1 467	1 412	38	21	1 460	1 170	245	45	13	51	52	
Managers and administrators, n.e.c., self-employed	1 130	1 081	30	6	1 124	931	161	32	64	74	110	
Construction	134	134	—	—	134	56	66	12	6	11	7	
Manufacturing	124	124	—	—	124	102	17	5	16	13	26	
Wholesale and retail trade	635	620	15	6	629	569	50	10	37	41	41	
All other industries	237	203	15	—	237	204	28	5	5	9	36	
Sales workers	7 939	7 663	246	232	7 803	5 542	1 666	595	51	386	750	
Insurance agents, brokers, and underwriters	749	728	14	18	744	565	165	14	12	24	21	
Real estate agents and brokers	270	263	7	6	270	194	67	9	—	—	12	
Sales representatives, manufacturing industries	922	891	24	—	917	721	163	33	—	27	35	
Sales representatives, wholesale trade	1 093	1 080	13	30	1 087	870	181	36	—	28	39	
Sales clerks, retail trade	2 568	2 457	102	101	2 507	1 573	620	314	23	158	312	
Salesmen, retail trade	770	750	13	41	770	538	194	38	6	19	57	
Salesmen of services and construction	354	341	13	18	347	253	67	27	—	25	36	
Other sales workers	1 213	1 153	60	18	1 161	828	209	124	10	105	238	
Clerical and kindred workers	20 794	19 259	1 377	605	20 394	14 436	3 946	2 012	300	935	2 012	
Bank tellers and cashiers	991	955	31	22	958	617	198	143	16	44	166	
Bookkeepers and billing clerks	2 038	1 922	94	22	2 004	1 526	345	133	33	94	110	
Mail handlers and postal clerks	2 300	2 025	275	65	2 286	1 573	451	262	26	98	201	
Other clerical and kindred workers	15 465	14 357	977	496	15 146	10 720	2 952	1 474	225	699	1 535	
Craftsman and kindred workers	30 404	28 588	1 690	1 113	29 980	21 816	6 830	1 334	954	1 891	1 956	
Apparel craftsmen and upholsterers	505	485	15	—	500	328	156	16	18	7	43	
Bakers	503	479	19	26	499	349	125	25	36	17	33	
Cabinetmakers	133	133	—	—	133	82	51	—	—	4	5	
Construction craftsmen	6 399	6 238	149	159	6 290	3 443	2 419	428	267	553	475	
Carpenters	1 622	1 597	25	56	1 595	822	660	113	55	153	101	
Excavating, grading, and road machine operators	187	168	19	9	180	139	21	20	9	12	16	
Electricians	1 432	1 415	17	18	1 416	983	372	61	41	82	90	
Masons and tile setters	421	395	19	—	410	110	277	23	48	58	51	
Painters, construction and maintenance, and paperhangers	917	875	37	52	883	443	331	109	43	106	104	
Plasterers and cement finishers	234	225	9	7	234	95	118	21	11	18	19	
Plumbers and pipe fitters	1 077	1 054	23	6	1 063	650	351	62	43	98	71	
Other construction craftsmen	509	509	—	11	509	201	289	19	17	26	23	
Foremen, n.e.c.	4 216	4 020	184	160	4 200	3 601	555	44	124	206	117	
Manufacturing	2 549	2 430	110	142	2 533	2 194	322	17	87	109	45	
Nonmanufacturing industries	1 667	1 590	74	18	1 667	1 407	233	27	37	97	72	
Linemen and servicemen, telephone and power	1 093	1 049	44	10	1 087	854	181	52	6	37	48	
Locomotive engineers and firemen	218	210	8	—	218	184	34	—	16	21	17	
Mechanics and repairmen	7 434	6 906	507	410	7 376	5 770	1 330	276	125	248	277	
Air conditioning, heating, and refrigeration	441	421	17	40	441	361	67	13	6	13	4	
Aircraft	103	85	18	—	103	97	6	—	—	—	—	
Automobile, including body	2 734	2 426	302	187	2 724	2 098	509	117	18	83	114	
Radio and television	326	316	10	40	323	229	80	14	13	5	—	
Other mechanics and repairmen	3 830	3 658	160	143	3 785	2 985	668	132	88	147	152	
Metal craftsmen, except mechanics	2 848	2 715	98	66	2 832	2 084	590	158	82	188	84	
Machinists and job and die setters	1 291	1 233	29	61	1 280	991	97	92	36	63	27	
Sheetmetal workers and tinsmiths	348	335	13	—	348	244	96	8	17	45	18	
Tool and die makers	449	435	14	—	449	378	57	14	—	37	6	
Other metal craftsmen	760	712	42	5	755	471	240	44	25	43	33	
Printing craftsmen	1 560	1 466	94	57	1 546	1 151	328	67	19	87	78	
Compositors and typesetters	610	558	52	39	600	436	114	50	10	32	24	
Pressmen and plate printers, printing	740	698	42	14	736	569	162	5	—	33	54	
Stationary engineers and power station operators	517	494	23	7	517	478	28	11	5	68	30	
Other craftsmen and kindred workers	4 978	4 393	549	158	4 782	3 492	1 033	257	256	455	749	

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

JERSEY CITY SMSA—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Operatives, except transport	27 977	25 177	2 552	2 491	27 371	18 810	6 833	1 728	588	1 384	1 993
Assemblers.....	1 628	1 485	109	159	1 617	1 097	456	64	30	101	113
Checkers, examiners, and inspectors; manufacturing.....	1 526	1 464	59	57	1 513	1 147	271	95	42	69	55
Garage workers and gas station attendants.....	619	580	36	38	581	300	176	105	9	15	85
Laundry and drycleaning operatives, n.e.c.....	299	248	35	32	275	186	80	9	12	19	55
Meat cutters and butchers.....	963	924	39	46	958	760	154	44	24	66	50
Mine operatives, n.e.c.....	27	22	5	—	22	11	6	5	—	—	7
Packers and wrappers, except produce.....	1 806	1 626	170	297	1 732	1 146	418	168	30	62	256
Painters, manufactured articles.....	451	414	37	47	437	312	105	20	10	20	26
Precision machine operatives.....	956	916	23	57	951	767	150	34	14	13	42
Sawyers.....	88	78	10	—	78	43	23	12	—	—	10
Stationary firemen.....	438	373	65	—	438	349	59	10	11	44	20
Textile operatives.....	1 105	1 082	23	140	1 064	644	347	73	28	62	42
Welders and flamecutters.....	1 290	1 158	116	69	1 284	867	358	59	19	32	46
Other metalworking operatives.....	767	683	73	79	753	479	237	37	9	61	41
Other specified operatives.....	6 945	6 022	846	552	6 753	4 248	2 053	452	172	435	611
Miscellaneous and not specified operatives.....	9 069	8 102	906	918	8 915	6 434	1 940	541	178	385	534
Occupation:											
Machine operatives, miscellaneous specified.....	2 914	2 596	297	288	2 865	2 115	609	141	55	120	104
Machine operatives, not specified.....	3 088	2 676	391	345	3 054	2 177	677	200	36	98	119
Miscellaneous operatives.....	2 077	1 932	126	167	2 053	1 467	461	125	67	127	202
Not specified operatives.....	990	898	92	118	943	675	193	75	20	40	109
Industry:											
Manufacturing.....	7 972	7 114	803	846	7 848	5 688	1 697	463	154	291	441
Durable goods.....	3 235	2 953	250	283	3 201	2 335	683	183	90	174	195
Wood products, including furniture.....	190	183	—	36	185	126	47	12	—	13	—
Primary metal industries.....	440	343	97	21	440	369	55	16	17	38	37
Fabricated metal industries.....	670	642	28	39	665	478	152	35	13	31	60
Machinery, including electrical.....	1 187	1 091	75	98	1 170	839	278	53	29	54	46
Motor vehicles and equipment.....	113	113	—	—	113	78	35	—	12	—	—
Transportation equipment, except motor vehicles.....	35	30	5	—	35	19	16	—	14	—	6
Other durable goods.....	600	549	45	89	593	426	100	67	5	38	46
Nondurable goods.....	4 613	4 071	521	555	4 528	3 270	996	262	57	107	246
Food and kindred products.....	916	854	62	49	895	707	151	37	17	28	48
Apparel and other fabricated textile products.....	657	618	39	59	643	384	217	42	13	5	48
Paper and allied products.....	820	674	141	195	813	596	161	56	22	7	20
Chemicals and allied products.....	1 126	938	186	67	1 114	878	265	31	5	40	51
Other nondurable goods.....	1 094	987	93	185	1 063	705	202	96	—	27	79
Not specified manufacturing industries.....	124	92	32	8	119	83	18	18	7	10	—
Nonmanufacturing industries.....	1 097	988	103	72	1 067	746	243	78	24	94	93
Transportation, communications, and other public utilities.....	301	278	23	14	301	229	56	16	11	28	33
Wholesale and retail trade.....	408	367	35	24	397	274	83	40	9	26	31
All other industries.....	388	343	45	34	369	243	104	22	4	40	29
Transport equipment operatives	12 989	11 368	1 593	574	12 797	8 888	3 195	714	296	578	824
Bus drivers.....	907	812	95	15	907	677	201	29	21	14	24
Taxicab drivers and chauffeurs.....	651	611	40	27	651	354	235	62	20	56	30
Truck drivers and deliverymen.....	8 500	7 417	1 072	388	8 407	5 775	2 107	525	187	348	532
Other transport equipment operatives.....	2 931	2 528	386	144	2 832	2 082	652	98	68	160	238
Laborers, except farm	14 824	12 828	1 916	815	14 410	8 229	4 358	1 823	364	1 006	2 447
Construction laborers.....	1 468	1 320	139	52	1 448	618	639	191	28	99	219
Freight, stock, and material handlers.....	8 510	7 577	889	401	8 326	4 806	2 412	1 108	170	513	1 201
Other specified laborers.....	2 828	2 215	609	123	2 675	1 593	768	314	90	183	724
Miscellaneous and not specified laborers.....	2 018	1 716	279	239	1 961	1 212	539	210	76	211	303
Occupation:											
Miscellaneous laborers.....	530	455	75	47	510	398	104	8	34	55	76
Not specified laborers.....	1 488	1 261	204	192	1 451	814	435	202	42	156	227
Industry:											
Manufacturing.....	943	810	125	106	907	489	321	97	37	99	114
Durable goods.....	382	318	56	20	357	178	144	35	9	30	60
Wood products, including furniture.....	17	4	5	—	9	—	9	—	—	5	5
Metal industries.....	145	124	21	6	139	70	63	6	9	10	50
Machinery, including electrical.....	86	62	24	5	75	36	30	9	—	3	5
Transportation equipment.....	42	42	—	9	42	17	18	7	—	12	—
Other durable goods.....	92	86	6	—	92	55	24	13	—	—	—
Nondurable goods.....	507	442	65	62	496	296	138	62	23	40	50
Food and kindred products.....	150	128	22	—	150	105	20	25	—	—	7
Not specified manufacturing industries.....	54	50	4	24	54	15	39	—	5	29	4
Nonmanufacturing industries.....	1 075	906	154	133	1 054	723	218	113	39	112	189
Railroads and railway express service.....	155	122	33	11	155	103	52	—	15	10	12
Transportation, except railroads.....	127	105	22	16	123	63	31	29	5	20	14
Communications, and utilities and sanitary services.....	219	177	33	10	214	183	27	4	14	16	56
Wholesale and retail trade.....	259	204	49	23	253	176	41	36	5	21	49
All other industries.....	315	298	17	73	309	198	67	44	—	45	58
Farmers and farm managers	61	28	33	—	61	50	5	6	24	48	20
Farm laborers and farm foremen	165	98	60	12	157	67	64	26	6	27	23
Paid farm laborers and farm foremen.....	165	98	60	12	157	67	64	26	6	27	23
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household¹	17 541	15 847	1 543	895	17 195	12 283	3 719	1 193	499	1 108	1 717
Cleaning service workers.....	4 524	3 947	527	302	4 436	3 024	1 030	382	160	331	337
Food service workers.....	3 570	3 319	191	322	3 480	2 249	960	271	63	229	378
Cooks, except private household.....	1 122	1 047	60	114	1 115	770	287	58	32	82	115
Busboys and dishwashers.....	332	318	14	56	318	170	105	43	—	15	63
Health service workers.....	301	194	102	31	277	148	60	49	10	20	42
Personal service workers.....	1 725	1 578	142	91	1 690	1 051	455	184	35	130	331
Protective service workers.....	5 531	5 327	188	48	5 491	4 561	731	199	150	323	288
Firemen, fire protection.....	1 539	1 511	28	—	1 539	1 437	93	9	29	32	27
Guards and watchmen.....	1 654	1 581	57	22	1 620	1 130	344	146	93	210	191
Policemen and detectives.....	2 119	2 016	103	26	2 113	1 891	197	25	28	67	52
Private household workers	37	19	18	—	33	33	—	—	—	—	12
Unemployed persons, last worked 1959 or earlier²	71	71	—	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately. ²See 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 Puerto Rican birth or parentage	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
JERSEY CITY SMSA—Continued											
Female, 16 years old and over	106 960	96 076	9 979	3 505	102 551	57 198	31 415	13 938	7 082	17 324	17 575
Professional, technical, and kindred workers	11 148	9 991	753	142	10 864	5 049	4 468	1 347	473	1 172	1 321
Accountants	468	447	15	—	458	351	55	52	23	44	46
Computer specialists	130	110	8	—	130	88	42	—	6	12	24
Librarians	171	161	5	—	171	119	13	39	14	16	41
Mathematical specialists	36	29	—	—	36	—	26	10	—	—	4
Life and physical scientists	84	43	6	—	84	63	21	—	5	15	12
Registered nurses, dietitians, and therapists	2 290	1 932	159	15	2 232	1 270	709	253	64	183	247
Dietitians	62	47	10	—	62	32	16	14	—	—	—
Registered nurses	2 134	1 798	142	11	2 091	1 178	674	239	64	172	236
Health technologists and technicians	359	281	58	6	349	259	57	33	14	63	9
Social scientists	38	38	—	—	35	26	4	5	—	—	—
Social and recreation workers	368	318	42	18	361	234	91	36	16	23	117
Teachers: College and university	1 58	1 17	26	—	1 58	45	82	31	4	13	11
Elementary and kindergarten	3 210	3 018	179	27	3 181	852	1 906	423	105	321	258
Secondary	1 006	979	17	—	999	174	667	158	36	99	109
Other teachers	187	171	16	11	167	69	78	20	25	30	47
Engineering and science technicians	248	225	13	—	234	170	49	15	—	—	—
Technicians, except health, and engineering and science	33	33	—	—	28	28	—	—	—	—	—
Writers, artists, and entertainers	615	574	37	42	589	304	207	82	26	91	89
Actors and dancers	45	45	—	—	40	10	25	5	—	10	22
Authors, editors, and reporters	158	154	—	—	158	110	33	15	5	30	10
Other professional, technical, and kindred workers	1 747	1 505	172	23	1 652	997	465	190	135	198	276
Managers and administrators, except farm	2 481	2 361	98	45	2 434	1 796	482	156	103	239	194
Buyers, purchasing agents, and sales managers	353	346	7	—	346	219	87	40	23	31	37
Restaurant, cafeteria, and bar managers	141	134	7	—	141	82	55	4	5	22	12
School administrators	145	145	—	—	145	51	94	—	21	8	—
Other specified managers and administrators	547	499	48	—	516	409	62	45	38	39	65
Managers and administrators, n.e.c., salaried	1 084	1 037	30	21	1 079	877	135	67	11	112	69
Wholesale and retail trade	252	246	6	—	247	180	52	15	6	29	4
Managers and administrators, n.e.c., self-employed	211	200	6	—	207	158	49	—	5	27	11
Wholesale and retail trade	115	109	6	—	111	101	10	—	5	15	11
Sales workers	5 496	5 279	208	187	5 223	2 571	1 614	1 038	434	1 269	1 377
Demonstrators, hucksters, and peddlers	25	18	7	—	25	7	18	—	6	7	29
Insurance, real estate agents, and brokers	283	276	7	—	283	221	49	13	13	18	35
Sales clerks, retail trade	3 607	3 471	131	151	3 491	1 563	1 117	811	282	964	943
Salesmen, retail trade	155	152	3	8	149	57	62	30	17	28	50
Other sales workers	1 426	1 362	60	28	1 275	723	368	184	116	252	320
Clerical and kindred workers	43 571	40 398	2 990	732	42 232	27 195	9 778	5 259	3 018	7 279	7 307
Bank tellers	903	848	55	17	878	623	159	96	31	114	128
Bookkeepers	4 501	4 313	160	22	4 450	3 252	799	399	279	627	375
Cashiers	1 777	1 634	124	29	1 653	748	562	343	82	346	549
Counter clerks, except food	503	458	38	6	483	307	110	66	13	165	120
Enumerators and interviewers	56	57	—	—	56	37	4	29	—	—	—
File clerks	1 983	1 828	149	39	1 899	940	503	456	164	395	505
Office machine operators	2 351	2 172	162	42	2 277	1 573	500	204	197	345	369
Bookkeeping and billing machine operators	382	360	11	6	382	303	65	14	39	70	14
Key punch operators	1 370	1 244	120	36	1 328	877	341	110	94	225	261
Payroll and timekeeping clerks	591	568	14	11	581	420	144	17	31	71	54
Receptionists	712	703	4	—	682	314	259	109	61	157	150
Secretaries	10 252	9 970	265	167	10 135	7 299	2 040	796	536	1 539	1 034
Stenographers	386	386	—	—	379	267	79	33	—	80	28
Telephone operators	1 987	1 683	297	16	1 954	1 268	470	216	146	415	371
Typists	5 453	5 040	388	171	5 298	3 076	1 203	919	532	1 126	1 142
Other clerical and kindred workers	12 116	10 758	1 315	212	11 526	7 104	2 846	1 576	900	1 893	2 449
Craftsmen and kindred workers	2 038	1 904	118	81	1 999	1 256	600	143	154	244	234
Foremen, n.e.c.	800	743	46	29	792	549	203	40	33	76	51
Operatives, except transport	28 613	25 271	3 176	1 891	27 119	12 545	10 695	3 879	1 930	4 480	4 163
Assemblers	1 638	1 394	238	159	1 600	833	511	256	105	339	290
Bottling and canning operatives	28	20	8	—	28	16	5	7	10	10	6
Checkers, examiners, and inspectors; manufacturing	1 641	1 472	169	48	1 603	1 048	441	114	127	238	163
Dressmakers and seamstresses, except factory	283	270	3	—	265	109	108	48	54	36	21
Laundry and drycleaning operatives, including ironers	938	525	408	79	872	471	307	94	75	193	157
Graders and sorters, manufacturing	73	54	19	—	68	30	23	15	—	18	20
Packers and wrappers, except produce	3 165	2 817	336	193	2 997	1 350	1 086	561	218	586	542
Sewers and sitchers	8 994	8 506	433	600	8 656	3 007	4 466	1 183	540	1 136	1 093
Textile operatives	931	898	33	69	914	405	382	127	72	141	107
Other specified operatives	5 248	4 307	898	183	4 714	2 481	1 537	696	397	979	1 016
Miscellaneous and not specified operatives	5 674	5 008	631	550	5 402	2 795	1 829	778	332	804	748
Manufacturing	5 282	4 684	568	539	5 041	2 613	1 717	711	303	754	668
Durable goods	2 075	1 838	231	147	2 010	1 149	581	280	105	311	197
Machinery, including electrical	1 135	1 018	117	55	1 103	656	324	123	42	149	77
Other durable goods	940	820	114	92	907	493	257	157	63	162	120
Nondurable goods, including not specified manufacturing	3 207	2 846	337	392	3 031	1 464	1 136	431	198	443	471
Food and kindred products	340	301	39	18	326	220	88	18	8	33	15
Apparel and other fabricated textile products	1 405	1 262	127	186	1 321	510	569	242	55	218	207
Nonmanufacturing industries	392	324	63	11	361	182	112	67	29	50	80
Transport equipment operatives	207	176	31	22	202	95	67	40	11	49	16
Laborers, except farm	1 007	860	140	37	944	503	290	151	46	152	231
Farmers and farm managers	10	—	10	—	10	10	—	—	11	3	—
Farm laborers and farm foreman	91	42	49	7	80	29	4	47	10	18	15
Paid farm laborers and farm foremen	83	42	41	7	72	29	4	39	10	18	15
Unpaid family workers	8	—	8	—	8	—	—	8	—	—	—
Service workers, except private household ¹	10 776	9 059	1 637	338	10 265	5 580	2 998	1 687	739	2 090	2 374
Cleaning service workers	1 993	1 769	209	57	1 942	1 397	363	182	179	378	348
Chambermaids and maids	330	232	98	34	330	207	96	27	39	91	67
Food service workers	3 005	2 714	279	80	2 909	1 308	1 072	529	221	723	759
Cooks, except private household	369	277	92	20	359	184	137	38	36	135	85
Waiters and food counter workers	2 040	1 934	98	45	1 971	852	744	375	149	503	573
Health service workers	1 998	1 333	640	45	1 902	1 122	439	341	77	238	260
Nursing aides, orderlies, and attendants	1 250	738	487	39	1 191	723	271	197	41	171	328
Practical nurses	303	188	115	6	292	157	80	55	13	24	40
Personal service workers	1 611	1 459	138	84	1 519	816	439	264	80	407	373
Hairdressers and cosmetologists	971	901	65	68	903	446	300	157	62	204	99
Private household workers	1 307	538	751	16	1 179	569	419	191	153	329	323
Private household workers, living in	43	29	8	—	43	39	—	4	—	—	4
Private household workers, living out	1 264	509	743	16	1 136	530	419	187	153	329	319
Unemployed persons, last worked 1959 or earlier ²	215	197	18	7	...	...	...	...	...	...	...

¹Includes protective service workers and allocated cases not shown separately. ²See 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 Puerto Rican birth or parentage	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										
NEWARK SMSA																					
Male, 16 years old and over	481 205	407 105	71 557	7 597	474 134	352 146	91 587	30 401		9 373	22 552	39 277									
Professional, technical, and kindred workers	84 682	79 138	4 598	267	84 166	64 839	15 649	3 678	884	2 241	3 741										
Accountants.....	7 274	7 017	232	25	7 226	6 247	728	251	94	202	247										
Architects.....	546	521	19	—	546	463	71	12	5	8	28										
Computer specialists.....	3 018	2 878	120	—	3 013	2 603	295	115	8	16	38										
Engineers.....	18 529	17 874	344	24	18 463	16 255	1 729	479	281	635	473										
Aeronautical and astronautical.....	142	121	9	—	142	126	16	—	6	—	5										
Civil.....	1 885	1 801	45	—	1 880	1 634	185	61	24	81	62										
Electrical and electronic.....	4 706	4 536	101	7	4 686	4 179	396	111	72	213	124										
Mechanical.....	3 153	3 014	67	—	3 153	2 761	317	75	51	113	89										
Other engineers.....	8 643	8 402	122	17	8 602	7 555	815	232	128	228	193										
Lawyers and judges.....	4 025	3 984	30	5	4 017	3 380	512	125	31	32	111										
Life and physical scientists.....	3 836	3 412	291	15	3 825	3 314	412	99	14	52	91										
Chemists.....	3 012	2 672	239	15	3 001	2 588	339	74	14	52	78										
Physicians, dentists, and related practitioners.....	5 878	5 524	190	21	5 872	5 346	1 759	167	21	144	185										
Dentists.....	1 213	1 149	64	—	1 210	600	598	12	6	33	22										
Pharmacists.....	961	935	26	—	961	808	126	27	11	37	64										
Physicians, medical and osteopathic.....	3 202	2 944	94	21	3 199	2 122	965	112	4	61	89										
Other related practitioners.....	502	496	6	—	502	416	70	16	—	13	10										
Health technologists and technicians.....	593	500	76	5	593	424	104	65	3	20	64										
Religious workers.....	1 487	1 324	147	6	1 477	1 239	206	32	17	42	60										
Social scientists.....	1 510	1 487	12	—	1 506	1 255	218	33	8	11	44										
Social and recreation workers.....	1 135	853	275	26	1 135	796	208	131	4	52	410										
Teachers.....	10 152	9 421	699	12	10 092	8 821	5 362	909	62	231	443										
College and university.....	1 844	1 765	62	—	1 830	878	810	142	9	62	103										
Elementary and prekindergarten.....	2 409	2 133	276	6	2 403	796	1 759	309	9	14	108										
Secondary.....	5 172	4 878	283	—	5 143	1 750	3 020	373	37	129	142										
Engineering and science technicians.....	8 422	7 600	762	28	8 338	6 824	1 117	397	130	269	402										
Draftsmen and surveyors.....	3 840	3 535	281	15	3 789	3 056	523	210	59	141	222										
Electrical and electronic engineering technicians.....	1 404	1 306	98	8	1 401	1 174	174	53	27	39	21										
Technicians, except health, and engineering and science.....	871	832	30	—	865	765	82	18	—	5	43										
Airplane pilots.....	459	456	3	—	453	386	67	—	—	5	12										
Writers, artists, and entertainers.....	6 289	5 936	323	26	6 225	4 701	1 090	434	121	217	407										
Other professional, technical, and kindred workers.....	11 117	9 975	1 048	74	10 973	8 806	1 756	411	85	305	694										
Managers and administrators, except farm	60 208	57 893	2 140	210	59 924	53 115	5 935	874	1 134	2 294	1 968										
Buyers, purchasing agents, and sales managers.....	8 727	8 538	180	17	8 706	7 855	749	102	131	258	152										
School administrators.....	1 295	1 183	112	1	1 282	847	413	22	18	32	16										
Specified managers and administrators, public administration.....	2 208	2 021	182	—	2 189	2 029	130	30	52	89	85										
Other specified managers and administrators.....	10 578	9 953	578	61	10 482	9 065	1 138	279	262	558	616										
Managers and administrators, n.e.c., salaried.....	33 167	32 192	884	97	33 083	29 998	2 737	328	505	1 052	885										
Manufacturing.....	12 755	12 578	137	22	12 745	11 810	854	81	188	370	296										
Wholesale and retail trade.....	7 687	7 407	275	29	7 672	6 838	81	80	127	214	205										
Transportation, communications, and other public utilities.....	2 959	2 841	109	4	2 950	2 727	199	24	42	167	100										
All other industries.....	9 766	9 366	372	42	9 738	8 623	972	143	148	299	284										
Managers and administrators, n.e.c., self-employed.....	4 233	4 006	204	27	4 182	3 321	748	113	166	307	212										
Construction.....	760	698	57	—	748	416	304	28	16	72	63										
Manufacturing.....	418	418	—	—	409	325	84	—	11	29	5										
Wholesale and retail trade.....	2 067	1 971	93	27	2 041	1 754	238	49	112	168	81										
All other industries.....	988	919	54	—	984	826	122	36	27	38	63										
Sales workers	38 992	36 843	2 104	214	38 559	30 315	5 863	2 381	560	1 274	2 686										
Insurance agents, brokers, and underwriters.....	5 023	4 731	276	12	4 995	4 288	559	148	71	136	151										
Real estate agents and brokers.....	1 667	1 601	66	—	1 662	1 286	307	69	57	60	82										
Sales representatives, manufacturing industries.....	6 135	5 963	157	12	6 120	5 420	614	86	76	160	123										
Sales representatives, wholesale trade.....	6 262	6 008	254	10	6 223	5 293	695	235	66	159	192										
Sales clerks, retail trade.....	8 635	7 876	753	121	8 490	5 438	1 817	1 235	112	344	1 331										
Salesmen, retail trade.....	3 263	3 155	108	6	3 245	2 580	487	178	74	105	154										
Salesmen of services and construction.....	1 957	1 885	72	11	1 949	1 580	306	63	6	30	109										
Other sales workers.....	6 050	5 624	418	44	5 875	4 430	1 078	367	98	280	544										
Clerical and kindred workers	43 446	36 850	6 412	366	42 681	31 693	7 123	3 865	799	2 022	4 945										
Bank tellers and cashiers.....	1 861	1 563	288	—	1 804	930	455	419	21	84	457										
Bookkeepers and billing clerks.....	3 723	3 388	315	21	3 643	2 955	496	192	107	209	326										
Mail handlers and postal clerks.....	5 885	4 701	1 170	21	5 824	4 636	795	393	76	237	501										
Other clerical and kindred workers.....	31 977	27 198	4 639	318	31 410	23 172	5 377	2 861	595	1 492	3 661										
Craftsmen and kindred workers	90 889	79 191	11 420	1 146	89 874	66 521	19 453	3 900	2 426	4 885	5 005										
Apparel craftsmen and upholsterers.....	1 321	1 178	138	—	1 306	934	341	31	78	118	121										
Bakers.....	1 269	1 069	195	7	1 238	922	254	62	39	107	73										
Cabinetmakers.....	582	551	31	—	576	462	91	23	11	35	48										
Construction craftsmen.....	22 086	19 473	2 557	135	21 895	12 121	8 399	1 375													

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 Puerto Rican birth or parentage	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
NEWARK SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	63 931	45 721	17 744	3 336	62 601	43 680	14 395	4 526	1 336	3 428	4 964
Assemblers.....	5 673	4 023	1 623	358	5 538	3 514	1 639	385	73	235	496
Checkers, examiners, and inspectors, manufacturing.....	4 706	3 894	796	99	4 625	3 627	786	212	90	247	216
Garage workers and gas station attendants.....	2 269	1 868	392	18	2 194	875	732	587	5	67	446
Laundry and drycleaning operatives, n.e.c.....	661	360	259	—	643	502	99	42	9	29	50
Meat cutters and butchers.....	2 318	1 897	408	12	2 291	1 796	352	143	26	164	117
Mine operatives, n.e.c.....	80	35	41	9	80	61	19	—	14	16	6
Packers and wrappers, except produce.....	3 062	2 292	730	262	2 955	1 641	750	564	41	175	439
Painters, manufactured articles.....	988	561	422	60	967	690	234	43	19	69	72
Precision machine operatives.....	4 197	3 550	631	177	4 177	3 261	761	155	130	218	182
Sawyers.....	282	210	57	39	271	182	67	22	5	21	11
Stationary firemen.....	931	696	235	7	931	789	126	16	30	74	37
Textile operatives.....	527	377	145	6	522	348	140	34	37	19	32
Welders and flamecutters.....	2 882	2 129	737	57	2 832	2 082	627	123	36	98	115
Other metalworking operatives.....	3 231	2 252	964	236	3 182	2 395	632	155	93	200	119
Other specified operatives.....	11 791	7 584	4 098	573	11 430	7 753	2 929	748	305	791	1 190
Miscellaneous and not specified operatives.....	20 333	13 993	6 206	1 333	19 963	14 164	4 502	1 297	423	1 005	1 436
Occupation:											
Machine operatives, miscellaneous specified.....	7 217	4 951	2 235	356	7 091	5 169	1 516	406	186	345	486
Machine operatives, not specified.....	7 316	4 862	2 422	724	7 177	5 050	1 720	407	143	292	395
Miscellaneous operatives.....	3 843	2 788	1 014	195	3 792	2 666	799	327	407	232	356
Not specified operatives.....	1 957	1 392	535	58	1 903	1 279	467	157	15	136	199
Industry:											
Manufacturing	18 227	12 507	5 605	1 254	17 877	12 822	3 956	1 099	384	874	1 181
Durable goods.....	9 581	6 634	2 873	728	9 364	6 575	2 191	600	198	423	537
Wood products, including furniture.....	393	256	132	56	385	264	104	17	15	26	37
Primary metal industries.....	1 627	963	664	116	1 598	1 138	383	77	21	70	40
Fabricated metal industries.....	1 693	1 136	524	182	1 635	1 169	361	105	36	15	84
Machinery, including electrical.....	3 274	2 468	785	210	3 220	2 335	655	230	98	140	198
Motor vehicles and equipment.....	309	172	137	8	309	190	99	20	11	24	16
Transportation equipment, except motor vehicles.....	137	114	23	—	137	111	26	—	—	4	5
Other durable goods.....	2 148	1 525	608	156	2 082	1 368	563	151	17	144	157
Nondurable goods.....	8 346	5 686	2 619	480	8 214	6 076	1 670	468	182	419	623
Food and kindred products.....	1 124	864	255	80	1 115	864	190	61	16	59	77
Apparel and other fabricated textile products.....	140	94	46	51	140	82	37	21	4	13	20
Paper and allied products.....	1 034	625	409	91	1 000	672	270	58	22	48	67
Chemicals and allied products.....	3 523	2 372	1 126	54	3 462	2 689	608	165	55	182	236
Other nondurable goods.....	2 525	1 731	783	204	2 497	1 769	565	163	85	117	223
Not specified manufacturing industries.....	300	187	113	46	297	171	95	31	6	32	21
Nonmanufacturing industries	2 106	1 486	601	79	2 086	1 342	546	198	37	131	255
Transportation, communications, and other public utilities.....	521	356	165	10	521	395	108	18	5	34	24
Wholesale and retail trade.....	760	497	257	45	756	451	204	101	12	49	116
All other industries.....	825	634	179	24	809	496	234	79	20	48	115
Transport equipment operatives	27 088	18 898	8 115	412	26 677	18 157	6 615	1 905	421	1 199	2 058
Bus drivers.....	1 822	1 319	493	23	1 808	1 303	441	64	80	100	153
Taxicab drivers and chauffeurs.....	1 453	1 046	407	15	1 423	807	507	109	19	134	106
Truck drivers and deliverymen.....	18 624	13 295	5 283	283	18 402	12 448	4 589	1 365	237	797	1 309
Other transport equipment operatives.....	5 189	3 238	1 932	91	5 044	3 599	1 078	367	85	168	490
Laborers, except farm	28 896	19 771	9 011	840	27 761	15 002	8 342	4 417	578	1 904	6 422
Construction laborers.....	5 290	3 664	1 615	87	5 108	2 268	2 249	591	145	344	953
Freight, stock, and material handlers.....	13 093	9 435	3 628	383	12 619	7 276	3 055	2 288	195	646	2 656
Other specified laborers.....	7 278	4 637	2 600	197	7 093	3 690	2 094	1 133	167	550	2 096
Miscellaneous and not specified laborers.....	3 235	2 035	1 168	173	3 117	1 768	944	405	71	364	717
Occupation:											
Miscellaneous laborers.....	911	618	281	28	898	591	239	68	15	93	118
Not specified laborers.....	2 324	1 417	887	145	2 219	1 177	705	337	56	271	599
Industry:											
Manufacturing	1 529	945	573	106	1 466	834	486	146	34	124	242
Durable goods.....	939	564	370	47	901	480	333	88	25	62	149
Wood products, including furniture.....	24	13	11	—	24	12	12	—	—	3	6
Metal industries.....	449	287	162	16	428	239	160	29	4	26	65
Machinery, including electrical.....	231	123	108	20	214	113	64	37	11	13	36
Transportation equipment.....	52	24	28	—	52	20	27	5	—	—	13
Other durable goods.....	163	117	61	11	163	96	70	17	10	20	29
Nondurable goods.....	511	347	164	49	492	322	112	58	9	57	73
Food and kindred products.....	121	74	47	—	117	55	56	6	—	9	11
Not specified manufacturing industries.....	79	34	39	10	73	32	41	—	—	5	20
Nonmanufacturing industries	1 706	1 090	595	67	1 651	934	458	259	37	240	475
Railroads and railway express service.....	62	37	25	—	62	46	16	—	3	6	19
Transportation, except railroads.....	151	102	49	—	151	70	68	13	—	3	23
Communications, and utilities and sanitary services.....	284	165	109	13	271	219	34	18	4	44	47
Wholesale and retail trade.....	550	327	212	19	526	244	168	114	13	78	175
All other industries.....	659	459	200	35	641	355	172	114	17	109	211
Farmers and farm managers	531	428	103	—	528	438	54	36	32	109	66
Farm laborers and farm foremen	776	638	138	33	741	374	232	135	48	75	230
Paid farm laborers and farm foremen.....	738	600	138	33	708	364	232	112	48	75	199
Unpaid family workers.....	38	38	—	—	33	10	—	23	—	—	31
Service workers, except private household¹	41 295	31 486	9 552	771	40 330	27 871	7 826	4 633	1 139	3 085	7 115
Cleaning service workers.....	12 519	8 462	3 980	192	12 272	8 364	2 436	1 472	412	1 175	1 780
Food service workers.....	8 499	6 665	1 708	392	8 189	4 545	2 055	1 589	179	651	2 070
Cooks, except private household.....	2 906	2 084	758	124	2 811	1 705	679	427	66	210	529
Busboys and dishwashers.....	1 134	943	179	71	1 031	297	257	477	5	107	675
Health service workers.....	944	404	537	24	923	597	194	132	28	55	236
Personal service workers.....	3 693	3 054	630	68	3 607	2 317	732	558	137	380	1 294
Protective service workers.....	12 006	10 643	1 352	43	11 926	9 687	1 664	575	214	584	644
Firemen, fire protection.....	2 784	2 730	54	—	2 775	2 554	192	29	33	38	51
Guards and watchmen.....	3 383	2 654	723	13	3 340	2 200	740	400	142	392	425
Policemen and detectives.....	5 217	4 643	554	30	5 208	4 690	470	48	24	71	89
Private household workers	292	118	174	—	292	141	100	51	16	34	77
Unemployed persons, last worked 1959 or earlier²	179	130	46	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately. ²See 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	Race		Persons of Puerto Rican birth or parentage	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
		White	Negro		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
NEWARK SMSA—Continued											
Female, 16 years old and over	308 156	244 738	61 436	3 388	294 701	157 376	91 491	45 834	27 532	60 467	62 353
Professional, technical, and kindred workers.....	47 891	40 774	6 321	147	46 618	18 207	21 084	7 327	4 077	9 260	8 508
Accountants.....	1 336	1 194	133	—	1 311	969	241	101	90	223	141
Computer specialists.....	863	794	62	—	850	568	163	119	34	122	92
Librarians.....	1 145	1 055	74	—	1 122	583	435	104	63	191	153
Mathematical specialists.....	154	150	4	—	154	113	35	6	—	37	30
Life and physical scientists.....	629	498	80	11	616	458	134	24	53	139	73
Registered nurses, dietitians, and therapists.....	9 520	7 413	1 770	—	9 295	4 695	3 130	1 470	848	1 711	1 536
Dietitians.....	355	186	150	—	349	235	75	39	32	60	70
Registered nurses.....	8 681	6 826	1 542	—	8 481	4 224	2 875	1 382	749	1 550	1 378
Health technologists and technicians.....	1 434	1 146	229	15	1 388	819	372	197	97	300	215
Social scientists.....	299	282	17	—	290	136	125	29	15	43	31
Social and recreation workers.....	1 830	1 257	557	41	1 789	1 059	430	300	93	348	715
Teachers: College and university.....	901	828	62	—	885	153	514	—	46	147	134
Elementary and prekindergarten.....	13 217	11 513	1 659	12	12 918	1 988	8 738	2 192	1 304	2 989	2 463
Secondary.....	5 206	4 776	403	19	5 089	806	3 335	948	542	1 085	905
Other teachers.....	1 258	1 141	113	5	1 240	348	591	301	68	204	245
Engineering and science technicians.....	1 420	1 244	155	—	1 358	896	266	11	17	96	202
Technicians, except health, and engineering and science.....	1 119	97	22	—	99	71	11	17	11	21	14
Writers, artists, and entertainers.....	2 381	2 230	130	6	2 324	1 187	748	389	211	505	484
Actors and dancers.....	48	48	—	—	48	6	28	14	5	39	32
Authors, editors, and reporters.....	737	694	38	—	712	405	194	113	77	183	122
Other professional, technical, and kindred workers.....	6 179	5 156	851	30	5 890	3 358	1 816	716	506	947	1 075
Managers and administrators, except farm.....	8 951	8 159	754	28	8 741	6 514	1 755	472	686	1 221	904
Buyers, purchasing agents, and sales managers.....	1 590	1 514	76	9	1 564	1 199	243	122	143	185	175
Restaurant, cafeteria, and bar managers.....	503	433	65	—	485	275	186	24	24	149	94
School administrators.....	475	416	53	—	470	256	198	16	39	65	41
Other specified managers and administrators.....	2 031	1 735	291	14	1 952	1 508	341	103	167	274	244
Managers and administrators, n.e.c., salaried.....	3 775	3 540	222	5	3 719	2 861	680	178	269	467	299
Wholesale and retail trade.....	969	922	47	—	943	717	165	61	48	102	50
Managers and administrators, n.e.c., self-employed.....	577	521	47	—	551	415	107	29	44	81	51
Wholesale and retail trade.....	396	360	36	—	379	298	68	13	27	47	36
Sales workers.....	21 368	19 816	1 504	154	20 217	9 092	6 181	4 944	1 907	4 806	6 573
Demonstrators, hucksters, and peddlers.....	376	357	19	5	330	104	103	123	5	141	170
Insurance, real estate agents, and brokers.....	1 850	1 710	138	12	1 817	1 211	452	154	102	289	184
Sales clerks, retail trade.....	15 080	13 987	1 052	120	14 394	5 859	4 582	3 953	1 393	3 633	4 995
Salesmen, retail trade.....	471	439	32	4	451	238	127	86	36	119	105
Other sales workers.....	3 591	3 323	263	13	3 225	1 680	917	628	371	624	1 119
Clerical and kindred workers.....	119 742	103 503	15 858	553	115 437	71 553	26 860	17 024	12 408	23 220	22 208
Bank tellers.....	2 201	2 017	178	—	2 155	1 448	416	291	178	433	269
Bookkeepers.....	13 372	12 419	926	48	13 108	9 257	2 501	1 350	1 256	2 030	1 682
Cashiers.....	6 249	5 329	876	48	5 923	2 287	1 868	1 768	320	1 181	1 992
Counter clerks, except food.....	1 537	1 279	246	—	1 471	783	442	246	81	329	351
Enumerators and interviewers.....	163	129	34	—	137	92	16	29	60	60	109
File clerks.....	4 569	3 676	881	32	4 253	2 058	1 074	1 121	548	1 139	1 429
Office machine operators.....	5 508	4 464	1 021	46	5 353	3 304	1 299	750	550	1 054	825
Bookkeeping and billing machine operators.....	800	685	105	—	784	536	146	102	101	135	123
Keypunch operators.....	3 386	2 620	757	38	3 282	1 923	854	505	261	617	431
Payroll and timekeeping clerks.....	1 479	1 330	149	—	1 451	1 097	249	105	99	275	162
Receptionists.....	2 785	2 497	288	31	2 698	1 424	740	534	367	588	511
Secretaries.....	32 288	30 122	2 077	122	31 702	21 782	6 738	3 182	4 309	6 863	4 589
Stenographers.....	1 089	967	122	—	1 060	737	181	142	138	176	700
Telephone operators.....	4 215	3 377	838	14	4 049	2 547	929	573	447	923	700
Typists.....	14 880	12 255	2 568	96	14 245	7 968	3 540	2 737	1 622	3 075	3 663
Other clerical and kindred workers.....	29 407	23 642	5 654	116	27 832	16 769	6 867	4 196	2 443	5 094	5 819
Craftsmen and kindred workers.....	4 720	3 616	1 085	75	4 585	3 025	1 209	351	306	727	780
Foremen, n.e.c.....	1 730	1 343	377	10	1 721	1 265	364	92	124	186	214
Operatives, except transport.....	56 172	38 243	17 543	2 074	53 356	27 678	18 719	6 959	4 625	11 611	11 272
Assemblers.....	9 195	5 824	3 326	421	8 773	4 507	2 963	1 303	680	2 082	2 388
Bottling and canning operatives.....	185	172	13	24	185	88	38	38	22	48	26
Checkers, examiners, and inspectors, manufacturing.....	5 344	3 926	1 398	69	5 199	3 128	1 612	459	403	994	827
Dressmakers and seamstresses, except factory.....	897	737	155	8	866	406	365	105	111	229	138
Laundry and drycleaning operatives, including ironers.....	2 110	645	1 403	67	1 989	1 180	519	290	230	592	567
Graders and sorters, manufacturing.....	115	103	12	—	104	25	47	32	6	42	16
Packers and wrappers, except produce.....	6 632	5 063	1 565	389	6 265	3 256	1 893	1 116	513	1 392	1 543
Sewers and stitchers.....	8 430	7 122	1 248	199	8 177	2 887	4 362	928	928	1 784	1 445
Textile operatives.....	258	197	56	34	226	112	87	27	36	43	49
Other specified operatives.....	10 340	6 503	3 732	321	9 578	5 402	2 953	1 223	994	2 125	2 188
Miscellaneous and not specified operatives.....	12 666	7 951	4 635	520	11 994	6 687	3 869	1 438	702	2 280	2 385
Manufacturing.....	11 941	7 496	4 365	487	11 321	6 383	3 617	1 321	633	2 151	2 162
Durable goods.....	7 155	4 397	2 715	364	6 885	3 912	2 211	762	351	1 178	1 229
Machinery, including electrical.....	3 996	2 360	1 626	109	3 871	2 380	1 130	361	211	612	429
Other durable goods.....	3 159	2 037	1 089	255	3 014	1 532	1 081	401	140	566	800
Nondurable goods, including not specified manufacturing.....	4 786	3 099	1 650	123	4 436	2 471	1 406	559	282	973	933
Food and kindred products.....	367	223	144	—	323	182	91	50	38	70	22
Apparel and other fabricated textile products.....	828	552	253	20	778	390	291	97	42	183	121
Nonmanufacturing industries.....	725	455	270	33	673	304	252	117	69	129	223
Transport equipment operatives.....	1 064	853	205	—	1 016	316	504	196	10	94	180
Laborers, except farm.....	2 405	1 778	619	83	2 291	1 212	662	417	204	432	594
Farmers and farm managers.....	138	78	60	—	132	129	3	—	6	48	33
Farm laborers and farm foremen.....	255	147	108	—	225	70	86	69	58	104	127
Paid farm laborers and farm foremen.....	209	105	104	—	179	42	81	56	41	80	88
Unpaid family workers.....	46	42	4	—	46	28	5	13	17	24	39
Service workers, except private household ¹	34 810	24 454	10 170	239	32 748	15 372	11 163	6 213	2 374	6 722	9 058
Cleaning service workers.....	3 492	2 053	1 424	26	3 352	2 049	927	376	262	632	705
Chambermaids and maids.....	711	410	296	—	689	343	259	87	42	159	280
Food service workers.....	11 912	10 058	1 799	38	11 212	4 071	4 311	2 830	776	2 641	3 892
Cooks, except private household.....	7 810	1 325	474	13	7 702	2 480	2 550	1 992	494	1 865	3 037
Waiters and food counter workers.....	7 561	6 785	757	7	8 224	4 387	2 521	1 316	451	1 264	1 880
Health service workers.....	8 609	4 363	4 195	28	8 224	2 322	1 369	739	158	729	1 184
Nursing aides, orderlies, and attendants.....	4 701	3 016	807	12	4 430	2 322	923	579	128	263	290
Practical nurses.....	1 727	905	807	12	1 701	923	579	199	99	290	290
Personal service workers.....	5 831	4 603	1 213	114	5 574	2 812	1 709	1 053	548	1 445	1 331
Hairdressers and cosmetologists.....	3 068	2 645	423	82	2 985	1 754	824	407	335	862	378
Private household workers.....	9 981	2 770	7 097	35	9 335	4 208	3 265	1 862			

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

PATERSON-CLIFTON-PASSAIC SMSA

	Total experienced civilian labor force		Persons of Puerto Rican birth or parentage	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
	White	Negro		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
											Male, 16 years old and over
Male, 16 years old and over	371 615	353 893	15 908	5 690	367 238	277 611	67 190	22 437	6 477	15 789	27 669
Professional, technical, and kindred workers	62 223	60 571	972	301	61 856	47 888	11 364	2 604	355	1 237	2 557
Accountants	6 668	6 557	67	12	6 646	5 710	701	235	55	149	163
Architects	492	472	15	—	492	413	55	24	4	11	23
Computer specialists	2 381	2 259	88	8	2 377	2 118	201	58	—	5	44
Engineers	12 101	11 813	77	28	12 063	10 697	1 071	295	74	327	270
Aeronautical and astronautical	330	330	—	—	325	297	28	—	—	—	10
Civil	1 397	1 318	29	6	1 388	1 280	80	28	28	63	51
Electrical and electronic	3 271	3 201	15	14	3 262	2 891	275	96	36	77	34
Mechanical	1 731	1 685	11	—	1 731	1 526	163	42	—	103	42
Other engineers	5 372	5 279	22	8	5 357	4 703	525	129	10	84	133
Lawyers and judges	2 304	2 280	8	8	2 304	1 957	261	86	6	30	93
Life and physical scientists	2 039	1 928	32	—	2 035	1 762	216	57	4	37	60
Chemists	1 748	1 661	19	—	1 748	1 529	173	46	4	37	41
Physicians, dentists, and related practitioners	4 486	4 338	61	17	4 470	3 034	1 310	126	16	58	72
Dentists	848	828	20	—	848	440	386	22	6	16	20
Pharmacists	791	786	—	17	791	662	102	27	5	23	26
Physicians, medical and osteopathic	2 491	2 368	41	—	2 475	1 672	742	61	5	19	21
Other related practitioners	356	356	—	—	356	260	80	16	—	—	5
Health technologists and technicians	458	409	39	5	438	318	52	68	—	21	47
Religious workers	1 056	1 000	50	8	1 056	922	108	26	13	18	55
Social scientists	1 103	1 090	—	—	1 103	957	122	24	—	6	15
Social and recreation workers	723	648	69	8	700	523	116	61	5	5	334
Teachers	7 495	7 333	118	27	7 438	2 911	3 960	567	25	75	270
College and university	1 395	1 353	21	—	1 390	713	608	69	—	18	92
Elementary and prekindergarten	1 563	1 506	49	6	1 537	447	907	183	—	25	64
Secondary	3 946	3 889	42	8	3 920	1 432	2 232	256	20	27	92
Engineering and science technicians	6 049	5 909	94	—	6 004	4 875	763	366	42	130	375
Draftsmen and surveyors	2 975	2 926	36	—	2 957	2 466	324	167	23	68	169
Electrical and electronic engineering technicians	1 159	1 105	30	—	1 148	939	163	46	—	5	51
Technicians, except health, and engineering and science	879	865	9	—	879	697	152	30	—	12	28
Airplane pilots	448	443	—	—	448	353	83	12	—	—	7
Writers, artists, and entertainers	6 478	6 344	80	12	6 431	4 910	1 203	318	50	140	260
Other professional, technical, and kindred workers	7 511	7 326	165	68	7 420	6 084	1 073	263	61	213	448
Managers and administrators, except farm	54 019	53 213	537	216	53 843	47 300	5 548	995	727	1 637	1 466
Buyers, purchasing agents, and sales managers	8 376	8 308	39	12	8 363	7 572	665	126	51	122	184
School administrators	941	887	49	10	941	610	325	6	10	29	39
Specified managers and administrators, public administration	1 556	1 489	59	12	1 550	1 393	113	44	34	113	78
Other specified managers and administrators	9 153	8 944	145	80	9 079	7 680	1 147	252	153	352	379
Managers and administrators, n.e.c., salaried	30 180	29 814	216	74	30 093	26 969	2 678	446	359	761	661
Manufacturing	11 234	11 138	49	—	11 216	10 314	806	96	125	219	245
Wholesale and retail trade	7 551	7 450	45	41	7 530	6 737	637	156	72	162	132
Transportation, communications, and other public utilities	2 922	2 949	8	7	2 957	2 709	226	22	42	150	66
All other industries	8 413	8 277	114	26	8 390	7 209	1 009	172	120	230	218
Managers and administrators, n.e.c., self-employed	3 833	3 771	29	28	3 817	3 076	620	121	120	260	125
Construction	664	660	—	—	659	373	234	52	37	38	19
Manufacturing	585	580	—	—	585	495	79	11	14	34	13
Wholesale and retail trade	1 773	1 743	25	22	1 762	1 555	174	33	69	151	58
All other industries	811	788	4	6	811	653	133	25	—	37	35
Sales workers	33 305	32 825	382	155	32 998	26 029	4 852	2 117	429	1 142	2 294
Insurance agents, brokers, and underwriters	3 346	3 282	59	16	3 335	2 851	448	56	35	77	94
Real estate agents and brokers	1 200	1 182	18	—	1 193	888	238	67	11	73	71
Sales representatives, manufacturing industries	6 174	6 134	24	20	6 158	5 308	714	138	66	146	165
Sales representatives, wholesale trade	5 792	5 731	20	—	5 751	4 945	659	147	65	127	126
Sales clerks, retail trade	7 564	7 418	126	53	7 440	4 948	902	1 327	132	330	1 256
Salesmen, retail trade	2 843	2 805	33	6	2 814	2 109	524	181	27	75	97
Salesmen of services and construction	1 980	1 949	26	—	1 980	1 692	233	55	22	55	57
Other sales workers	4 406	4 324	38	38	4 327	3 308	709	310	71	259	430
Clerical and kindred workers	34 752	33 073	1 561	391	34 186	25 567	5 446	3 173	584	1 662	3 450
Bank tellers and cashiers	1 469	1 419	50	—	1 425	719	362	344	12	93	358
Bookkeepers and billing clerks	3 104	3 047	43	14	3 074	2 475	436	363	58	184	195
Mail handlers and postal clerks	5 105	4 706	399	37	5 042	4 004	736	302	45	195	456
Other clerical and kindred workers	25 074	23 901	1 069	340	24 645	18 369	3 912	2 364	469	1 190	2 441
Craftsmen and kindred workers	75 625	72 994	2 497	998	75 023	56 932	15 311	2 780	1 569	3 531	3 827
Apparel craftsmen and upholsterers	1 018	978	40	18	1 003	710	263	30	24	52	77
Bakers	1 115	1 073	42	67	1 100	837	220	43	46	48	70
Cabinetmakers	591	571	20	46	587	430	137	20	15	22	25
Construction craftsmen	18 247	17 848	377	123	18 138	10 329	6 823	986	413	1 036	1 164
Carpenters	5 051	4 945	89	42	5 011	2 649	2 089	273	143	369	252
Excavating, grading, and road machine operators	1 143	1 102	36	—	1 143	621	464	58	10	23	54
Electricians	3 256	3 207	49	17	3 244	2 538	609	97	57	147	186
Masons and tile setters	1 937	1 910	27	15	1 925	678	1 152	95	55	98	118
Painters, construction and maintenance, and paperhangers	2 328	2 229	99	39	2 319	1 038	1 034	247	66	192	380
Plasterers and cement finishers	424	398	—	—	424	106	274	44	19	47	51
Plumbers and pipe fitters	2 819	2 787	32	10	2 810	2 047	664	99	60	120	69
Other construction craftsmen	1 289	1 270	19	—	1 262	652	537	73	3	40	54
Foremen, n.e.c.	12 457	12 105	337	169	12 428	11 185	1 123	120	237	518	262
Manufacturing	7 836	7 626	199	143	7 815	7 075	671	69	145	292	134
Nonmanufacturing industries	4 621	4 479	138	26	4 613	4 110	452	51	92	226	128
Linemen and servicemen, telephone and power	3 133	3 071	62	—	3 091	2 655	323	113	32	166	65
Locomotive engineers and firemen	169	—	—	—	169	136	22	11	19	10	20
Mechanics and repairmen	16 967	16 326	593	186	16 844	13 594	2 600	650	240	499	552
Air conditioning, heating, and refrigeration	1 082	1 058	24	—	1 076	893	154	29	10	17	53
Aircraft	431	425	6	12	431	364	62	5	5	10	21
Automobile, including body	6 513	6 108	387	89	6 443	5 123	996	324	86	159	201
Radio and television	870	850	15	8	858	622	165	71	—	13	29
Other mechanics and repairmen	8 071	7 885	161	77	8 036	6 592	1 223	221	139	300	248
Metal craftsmen, except mechanics	7 093	6 905	184	120	7 044	5 646	1 220	178	199	360	298
Machinists and job and die setters	3 387	3 263	124	85	3 360	2 643	602	115	128	188	164
Sheetmetal workers and tinmiths	1 233	1 229	—	14	1 228	902	308	18	—	15	40
Tool and die makers	1 388	1 377	11	7	1 374	1 188	166	20	24	84	53
Other metal craftsmen	1 085	1 036	49	14	1 082	913	144	25	32	48	40
Printing craftsmen	4 689	4 513	165	68	4 651	3 810	699	142	57	143	176
Compositors and typesetters	1 914	1 815	93	36	1 894	1 500	350	50	24	61	68
Pressmen and plate printers, printing	1 893	1 829	59	16	1 881	1 553	250	78	4	68	74
Stationary engineers and power station operators	1 099	1 063	36	9	1 099	913	170	16	19	102	21

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

PATERSON-CLIFTON-PASSAIC SMSA—Continued
Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Operatives, except transport	46 242	41 900	4 145	2 399	45 483	32 188	9 992	3 303	1 280	2 706	4 040
Assemblers.....	3 268	3 060	208	147	3 240	2 202	764	274	67	164	301
Checkers, examiners, and inspectors; manufacturing.....	3 212	3 072	134	29	3 173	2 532	482	159	60	191	161
Garage workers and gas station attendants.....	2 196	2 093	94	38	2 112	838	678	596	—	26	391
Laundry and drycleaning operatives, n.e.c.....	430	379	40	21	418	277	102	39	14	43	52
Meat cutters and butchers.....	2 008	1 989	19	39	1 995	1 719	240	36	44	196	66
Mine operatives, n.e.c.....	59	43	16	—	59	33	26	—	12	—	10
Packers and wrappers, except produce.....	2 175	1 933	242	214	2 129	1 271	517	341	13	109	489
Painters, manufactured articles.....	570	469	94	27	565	386	141	38	20	33	64
Precision machine operatives.....	2 893	2 756	127	98	2 883	2 307	395	181	56	136	125
Sawyers.....	69	62	7	—	69	53	12	4	6	13	—
Stationary firemen.....	553	530	17	—	553	459	81	13	24	72	16
Textile operatives.....	2 552	2 442	104	126	2 517	1 853	533	131	207	268	216
Welders and flamecutters.....	1 837	1 731	100	103	1 824	1 346	444	34	18	71	79
Other metalworking operatives.....	1 402	1 215	183	136	1 385	975	299	111	42	68	121
Other specified operatives.....	10 929	9 305	1 559	519	10 678	7 330	2 756	592	406	655	900
Miscellaneous and not specified operatives.....	12 089	10 821	1 201	902	11 883	8 607	2 522	754	291	661	1 049
Occupation:											
Machine operatives, miscellaneous specified.....	4 656	4 169	468	239	4 609	3 450	916	243	128	317	314
Machine operatives, not specified.....	3 721	3 236	459	446	3 660	2 659	790	211	90	139	303
Miscellaneous operatives.....	2 372	2 175	186	87	2 317	1 590	531	196	37	122	281
Not specified operatives.....	1 340	1 241	88	130	1 297	908	285	104	36	83	151
Industry:											
Manufacturing.....	10 787	9 626	1 101	855	10 604	7 842	2 119	643	236	602	928
Durable goods.....	4 448	3 991	413	421	4 377	3 144	923	310	95	204	382
Wood products, including furniture.....	1 955	1 950	—	35	1 955	1 200	58	17	—	13	19
Primary metal industries.....	575	512	—	59	560	440	96	24	31	42	44
Fabricated metal industries.....	900	797	85	86	896	608	219	69	13	23	68
Machinery, including electrical.....	1 636	1 467	158	137	1 593	1 151	323	119	18	57	126
Motor vehicles and equipment.....	133	110	23	—	129	83	35	11	—	—	5
Transportation equipment, except motor vehicles.....	189	153	36	—	184	129	41	14	17	14	18
Other durable goods.....	820	762	53	104	820	613	151	56	16	53	102
Nondurable goods.....	6 163	5 477	670	381	6 060	4 579	1 158	323	141	390	529
Food and kindred products.....	566	519	47	68	540	420	113	7	5	52	51
Apparel and other fabricated textile products.....	289	253	36	—	279	183	56	40	9	11	49
Paper and allied products.....	1 042	891	151	105	1 031	762	205	64	35	47	49
Chemicals and allied products.....	1 944	1 716	225	62	1 921	1 530	328	63	24	88	145
Other nondurable goods.....	2 322	2 098	211	146	2 289	1 684	456	149	68	192	235
Not specified manufacturing industries.....	176	158	18	53	167	119	38	10	—	8	17
Nonmanufacturing industries.....	1 302	1 195	100	47	1 279	765	403	111	55	59	121
Transportation, communications, and other public utilities.....	288	276	12	9	288	210	68	10	25	11	24
Wholesale and retail trade.....	512	472	40	7	507	269	165	73	17	25	53
All other industries.....	302	247	48	31	284	286	170	28	13	23	44
Transport equipment operatives.....	20 298	18 469	1 784	374	19 999	14 402	4 359	1 238	266	882	1 407
Bus drivers.....	1 855	1 749	101	24	1 827	1 422	357	48	20	111	69
Taxicab drivers and chauffeurs.....	924	813	111	34	919	589	223	107	32	80	71
Truck drivers and deliverymen.....	14 116	13 068	1 022	226	13 925	9 909	3 109	907	172	498	977
Other transport equipment operatives.....	3 403	2 839	550	90	3 328	2 482	670	176	42	193	290
Laborers, except farm	17 721	15 506	2 101	439	17 170	9 055	4 944	3 171	366	1 087	4 209
Construction laborers.....	2 630	2 284	331	59	2 596	1 156	1 058	382	78	143	595
Freight, stock, and material handlers.....	9 070	8 254	770	221	8 740	4 516	2 299	1 925	94	392	2 096
Other specified laborers.....	4 405	3 591	766	88	4 262	2 381	1 209	672	99	403	1 119
Miscellaneous and not specified laborers.....	1 616	1 377	234	71	1 572	1 002	378	192	95	149	399
Occupation:											
Miscellaneous laborers.....	452	395	52	15	452	309	119	24	49	44	67
Not specified laborers.....	1 164	982	182	56	1 120	693	259	168	46	105	332
Industry:											
Manufacturing.....	698	576	117	48	689	425	180	84	22	75	146
Durable goods.....	289	238	46	18	284	176	78	30	10	25	59
Wood products, including furniture.....	31	25	6	12	31	20	11	—	—	—	9
Metal industries.....	132	93	34	—	127	79	33	15	6	12	10
Machinery, including electrical.....	51	51	—	6	51	29	12	10	—	—	15
Transportation equipment.....	27	27	—	—	27	15	12	—	4	8	12
Other durable goods.....	48	42	6	—	48	33	10	5	—	5	13
Nondurable goods.....	402	331	71	30	398	242	102	54	12	50	72
Food and kindred products.....	69	63	6	—	69	34	14	21	—	11	5
Not specified manufacturing industries.....	7	7	—	—	7	7	—	—	—	—	15
Nonmanufacturing industries.....	918	801	117	23	883	577	198	108	73	74	253
Railroads and railway express service.....	46	37	9	—	46	19	20	7	7	13	4
Transportation, except railroads.....	44	44	—	7	44	39	—	5	11	—	10
Communications, and utilities and sanitary services.....	207	184	23	—	207	165	28	14	23	17	28
Wholesale and retail trade.....	251	223	28	—	225	141	56	28	13	19	94
All other industries.....	370	313	57	16	361	213	94	54	19	25	117
Farmers and farm managers	359	311	48	—	354	231	88	35	33	37	43
Farm laborers and farm foremen	441	376	65	44	430	179	138	113	16	47	180
Paid farm laborers and farm foremen.....	433	368	65	44	422	175	134	113	16	47	170
Unpaid family workers.....	8	8	—	—	8	4	4	—	—	—	10
Service workers, except private household	26 395	24 460	1 776	473	25 744	17 754	5 122	2 868	847	1 821	4 125
Cleaning service workers.....	7 738	6 951	769	200	7 573	5 297	1 517	759	341	650	1 083
Food service workers.....	5 717	5 382	250	90	5 520	3 168	1 307	1 045	111	377	1 271
Cooks, except private household.....	2 033	1 893	110	36	1 985	1 314	465	206	46	124	271
Busboys and dishwashers.....	801	785	16	30	733	188	182	363	7	54	453
Health service workers.....	453	340	113	5	447	228	129	90	11	27	113
Personal service workers.....	3 028	2 924	100	59	2 926	2 012	574	340	72	259	806
Protective service workers.....	7 665	7 398	249	71	7 597	5 924	1 240	433	220	396	428
Firemen, fire protection.....	1 064	1 039	25	—	1 064	975	68	21	45	54	32
Guards and watchmen.....	1 884	1 794	85	24	1 859	1 265	395	199	120	228	224
Policemen and detectives.....	3 995	3 847	135	47	3 975	3 479	400	96	14	82	80
Private household workers	158	122	36	—	152	86	26	40	5	—	69
Unemployed persons, last worked 1959 or earlier ²	77	73	4	—	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately. ²See 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

PATERSON-CLIFTON-PASSAIC SMSA—Continued

Female, 16 years old and over

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Professional, technical, and kindred workers	226 311	210 798	14 397	2 983	217 409	112 463	69 054	35 892	22 893	46 153	46 095
Accountants.....	964	948	16	—	956	744	134	78	67	120	104
Computer specialists.....	520	516	4	—	509	340	93	76	11	69	55
Librarians.....	772	717	31	—	767	336	348	83	36	112	98
Mathematical specialists.....	158	153	—	—	158	100	42	16	5	48	21
Life and physical scientists.....	405	387	13	—	399	250	88	61	24	68	37
Registered nurses, dietitians, and therapists.....	6 885	6 402	340	21	6 694	3 517	2 144	1 033	509	1 311	1 115
Dietitians.....	190	143	26	—	176	118	47	11	24	16	18
Registered nurses.....	6 351	5 921	314	21	6 192	3 284	1 938	970	471	1 242	1 072
Health technologists and technicians.....	1 216	1 223	77	6	1 177	620	380	177	100	193	184
Social scientists.....	226	221	—	—	226	80	89	57	5	31	21
Social and recreation workers.....	899	789	110	22	893	431	337	125	94	202	502
Teachers: College and university.....	586	556	9	—	576	164	294	118	15	40	95
Elementary and prekindergarten.....	10 255	9 868	344	6	10 087	1 617	6 613	1 857	1 051	2 177	1 716
Secondary.....	3 861	3 743	98	6	3 769	637	2 455	677	352	769	631
Other teachers.....	775	753	17	—	752	120	414	218	26	93	191
Engineering and science technicians.....	842	778	64	7	822	523	197	102	78	112	146
Technicians, except health, and engineering and science.....	83	74	9	—	83	46	32	5	—	19	11
Writers, artists, and entertainers.....	2 390	2 329	32	13	2 304	1 219	679	406	294	467	496
Actors and dancers.....	44	41	3	—	34	4	12	18	30	27	63
Authors, editors, and reporters.....	814	796	12	—	799	492	188	119	67	135	132
Other professional, technical, and kindred workers.....	4 303	4 098	142	39	4 092	2 233	1 311	548	385	703	801
Managers and administrators, except farm	7 552	7 301	223	60	7 374	5 350	1 468	556	440	897	880
Buyers, purchasing agents, and sales managers.....	1 511	1 482	23	21	1 476	1 116	250	110	114	245	99
Restaurant, cafeteria, and bar managers.....	403	387	10	12	403	227	134	42	42	60	51
School administrators.....	402	388	14	—	387	158	224	5	4	43	26
Other specified managers and administrators.....	1 617	1 549	63	17	1 549	1 188	254	107	86	153	276
Managers and administrators, n.e.c., salaried.....	3 174	3 057	106	10	3 139	2 369	514	256	138	325	373
Wholesale and retail trade.....	945	909	30	10	934	714	135	85	24	116	113
Managers and administrators, n.e.c., self-employed.....	445	438	7	—	420	292	92	36	56	71	55
Wholesale and retail trade.....	253	253	—	—	228	156	49	23	45	61	21
Sales workers	18 621	18 068	489	110	17 745	7 664	5 401	4 680	1 735	4 035	5 879
Demonstrators, hucksters, and peddlers.....	341	321	20	—	284	93	89	102	21	91	133
Insurance, real estate agents, and brokers.....	938	938	—	—	923	520	251	152	52	122	179
Sales clerks, retail trade.....	13 653	13 338	275	60	13 194	5 398	4 082	3 714	1 317	3 233	4 476
Salesmen, retail trade.....	426	415	11	—	409	180	110	119	37	63	153
Other sales workers.....	3 263	3 056	183	50	2 935	1 473	869	593	308	526	938
Clerical and kindred workers	92 298	88 877	3 180	550	89 304	54 540	21 172	13 592	11 315	19 775	17 971
Bank tellers.....	1 599	1 529	64	13	1 587	1 021	336	230	217	335	331
Bookkeepers.....	11 281	11 056	204	45	11 076	7 784	2 152	1 140	1 149	2 116	1 578
Cashiers.....	5 336	5 101	207	42	5 103	1 874	1 720	1 509	320	1 086	1 532
Counter clerks, except food.....	1 416	1 359	52	23	1 336	688	366	282	74	236	280
Enumerators and interviewers.....	216	198	18	—	186	39	65	82	72	21	89
File clerks.....	3 142	3 006	120	26	2 974	1 378	823	773	426	859	1 208
Office machine operators.....	4 697	4 321	341	8	4 570	2 708	1 174	688	542	908	783
Bookkeeping and billing machine operators.....	861	840	21	—	843	546	229	68	117	114	126
Keypunch operators.....	2 591	2 289	267	8	2 530	1 466	666	398	281	496	473
Payroll and timekeeping clerks.....	1 178	1 147	13	7	1 149	827	220	102	138	204	120
Receptionists.....	2 143	2 052	82	23	2 045	1 174	522	349	258	619	643
Secretaries.....	27 983	27 550	391	55	27 532	19 027	5 758	2 747	4 200	6 752	3 996
Stenographers.....	591	573	18	17	580	362	161	57	122	167	74
Telephone operators.....	3 580	3 343	237	20	3 439	2 083	722	634	418	805	653
Typists.....	9 420	9 023	371	44	9 103	5 016	2 352	1 735	1 268	2 063	2 321
Other clerical and kindred workers.....	19 716	18 619	1 062	227	18 624	10 559	4 801	3 264	2 111	3 604	4 363
Craftsmen and kindred workers	3 747	3 503	244	107	3 623	2 274	1 005	344	235	610	541
Foremen, n.e.c.....	1 304	1 245	59	20	1 275	918	303	54	45	183	134
Operatives, except transport	39 186	34 861	4 138	1 763	37 486	17 530	15 042	4 914	3 742	8 179	6 997
Assemblers.....	3 435	3 044	382	141	3 336	1 696	1 152	488	190	646	722
Bottling and canning operatives.....	80	69	11	—	69	27	26	16	11	11	30
Checkers, examiners, and inspectors, manufacturing.....	2 787	2 519	260	28	2 723	1 583	874	266	282	539	402
Dressmakers and seamstresses, except factory.....	593	569	20	9	570	236	246	88	93	149	104
Laundry and drycleaning operatives, including ironers.....	1 319	839	475	28	1 248	721	397	130	109	344	214
Graders and sorters, manufacturing.....	88	83	5	10	79	34	32	13	24	14	13
Packers and wrappers, except produce.....	5 167	4 742	379	249	4 906	2 582	1 467	857	388	1 105	1 347
Sewers and stitchers.....	10 298	9 842	409	499	10 081	3 184	5 829	1 068	1 127	2 306	1 235
Textile operatives.....	1 319	1 255	64	37	1 281	643	463	175	294	475	229
Other specified operatives.....	7 267	6 009	1 207	295	6 598	3 437	2 219	942	766	1 295	1 494
Miscellaneous and not specified operatives.....	6 833	5 890	926	467	6 595	3 387	2 337	871	458	1 295	1 207
Manufacturing.....	6 274	5 393	864	449	6 059	3 113	2 164	782	403	1 209	1 094
Durable goods.....	2 768	2 297	465	207	2 673	1 521	817	335	169	521	422
Machinery, including electrical.....	1 224	1 043	181	75	1 198	681	377	140	87	222	171
Other durable goods.....	1 544	1 254	284	132	1 475	840	440	195	82	299	251
Nondurable goods, including not specified manufacturing.....	3 506	3 096	399	242	3 386	1 592	1 347	447	234	688	672
Food and kindred products.....	212	184	28	36	212	116	64	32	9	57	47
Apparel and other fabricated textile products.....	1 025	986	33	73	998	353	519	126	73	221	171
Nonmanufacturing industries.....	559	497	62	18	536	274	173	89	55	86	113
Transport equipment operatives.....	816	790	26	9	770	220	414	136	10	108	111
Laborers, except farm	1 750	1 532	205	21	1 641	794	496	351	94	298	421
Farmers and farm managers.....	80	63	14	—	80	51	29	—	5	23	—
Farm laborers and farm foremen.....	185	127	58	—	160	34	87	39	14	20	37
Paid farm laborers and farm foremen.....	149	91	58	—	124	23	87	14	14	20	26
Unpaid family workers.....	36	36	—	—	36	11	—	25	—	—	11
Service workers, except private household¹	22 264	19 762	2 364	191	21 020	9 412	6 913	4 695	1 818	4 492	6 207
Cleaning service workers.....	1 707	1 309	398	21	1 588	843	454	291	203	460	429
Chambermaids and maids.....	356	294	62	—	313	137	124	52	50	82	193
Food service workers.....	8 062	7 717	305	39	7 596	2 854	2 737	2 005	562	1 626	2 343
Cooks, except private household.....	983	890	93	3	938	453	365	120	70	184	209
Waiters and food counter workers.....	5 526	5 378	118	24	5 168	1 805	1 888	1 475	396	1 140	1 811
Health service workers.....	5 302	4 378	887	28	5 131	2 615	1 445	1 071	373	803	1 260
Nursing aides, orderlies, and attendants.....	2 525	1 915	610	8	2 438	1 148	682	608	147	307	646
Practical nurses.....	1 072	904	159	5	1 035	549	298	188	77	164	146
Personal service workers.....	4 039	3 771	214	51	3 845	1 892	1 146	807	448	1 133	1 186
Hairdressers and cosmetologists.....	2 534	2 407	115	42	2 435	1 309					

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**

PHILADELPHIA, PA.—N.J., SMSA

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Male, 16 years old and over	1 202 748	1 025 684	171 789	7 970	1 185 970	887 293	219 344	79 333	25 747	59 895	109 605
Professional, technical, and kindred workers	188 348	176 098	10 487	293	187 054	142 829	34 714	9 511	1 791	4 806	11 244
Accountants	15 428	15 008	376	18	15 345	13 057	1 483	805	170	328	525
Architects	1 676	1 578	80	—	1 653	1 405	176	72	20	53	97
Computer specialists	7 304	6 908	299	7	7 281	6 370	714	197	9	30	232
Engineers	35 724	34 757	554	22	35 637	32 061	2 749	827	432	996	1 252
Aeronautical and astronautical	1 708	1 673	25	—	1 696	1 524	142	30	—	15	16
Civil	3 419	3 324	47	11	3 407	2 963	336	108	96	128	172
Electrical and electronic	8 982	8 646	202	6	8 969	8 138	590	241	93	237	238
Mechanical	5 988	5 861	56	—	5 969	5 359	469	141	96	193	264
Other engineers	15 627	15 253	224	5	15 596	14 077	1 212	307	147	423	562
Lawyers and judges	6 072	5 940	126	—	6 072	5 091	716	265	21	78	326
Life and physical scientists	5 652	5 232	280	3	5 627	4 891	531	205	80	134	193
Chemists	4 422	4 118	218	—	4 406	3 817	433	156	65	104	162
Physicians, dentists, and related practitioners	15 376	14 537	445	18	15 339	10 984	3 843	512	93	422	428
Dentists	2 577	2 498	74	—	2 571	1 436	1 074	61	35	84	39
Pharmacists	2 804	2 709	70	—	2 798	2 227	433	138	17	139	105
Physicians, medical and osteopathic	8 698	8 054	280	18	8 673	6 344	2 050	279	36	144	238
Other related practitioners	1 297	1 276	21	—	1 297	977	286	34	5	55	46
Health technologists and technicians	1 589	1 230	313	12	1 563	977	320	266	21	92	356
Religious workers	3 995	3 577	412	7	3 967	3 344	497	126	41	151	286
Social scientists	2 647	2 535	105	8	2 635	2 126	399	110	21	41	191
Social and recreation workers	2 645	1 998	630	7	2 610	1 757	595	258	11	130	987
Teachers	27 942	25 810	1 964	58	27 701	11 940	13 282	2 479	218	565	1 460
College and university	7 139	6 777	230	7	7 108	3 897	2 702	509	79	178	366
Elementary and prekindergarten	5 909	5 197	702	21	5 830	1 866	3 248	716	10	108	397
Secondary	13 016	12 157	837	30	12 928	4 988	6 850	1 090	111	234	513
Engineering and science technicians	21 531	20 148	1 237	6	21 417	17 734	2 711	972	164	469	1 314
Draftsmen and surveyors	9 610	9 118	441	6	9 552	7 833	1 274	445	115	245	574
Electrical and electronic engineering technicians	4 328	4 013	295	—	4 308	3 642	516	150	9	43	122
Technicians, except health, and engineering and science	1 965	1 792	167	—	1 944	1 650	225	69	10	48	131
Airplane pilots	589	585	4	—	589	514	64	11	—	4	43
Writers, artists, and entertainers	14 009	13 224	709	36	13 856	10 428	2 394	1 034	101	382	1 099
Other professional, technical, and kindred workers	24 793	21 824	2 753	91	24 407	19 014	4 079	1 314	379	887	2 367
Managers and administrators, except farm	127 091	121 204	5 564	176	126 540	112 683	11 643	2 214	2 416	5 008	4 719
Buyers, purchasing agents, and sales managers	19 343	18 939	394	18	19 317	17 775	1 288	254	306	556	471
School administrators	3 140	2 903	230	6	3 135	2 188	911	36	14	80	79
Specified managers and administrators, public administration	7 036	6 291	723	3	6 993	6 409	430	154	193	394	386
Other specified managers and administrators	23 297	21 654	1 523	25	23 049	19 784	2 687	578	558	1 195	1 433
Managers and administrators, n.e.c., salaried	61 413	59 272	2 041	96	61 239	55 590	4 710	939	880	1 972	1 710
Manufacturing	21 270	20 897	332	27	21 255	19 759	1 262	234	416	630	471
Wholesale and retail trade	16 698	15 959	700	48	16 616	15 026	1 278	312	182	505	461
Transportation, communications, and other public utilities	4 734	4 604	130	8	4 719	4 357	296	66	95	273	130
All other industries	18 711	17 812	879	13	18 649	16 448	1 874	327	187	564	648
Managers and administrators, n.e.c., self-employed	12 862	12 145	653	28	12 807	10 937	1 617	253	465	811	640
Construction	2 186	2 057	129	—	2 172	1 556	547	69	86	118	149
Manufacturing	1 284	1 267	17	—	1 284	1 128	144	12	35	99	49
Wholesale and retail trade	6 931	6 547	369	23	6 907	6 167	642	98	261	458	327
All other industries	2 461	2 274	138	5	2 444	2 086	284	74	83	136	115
Sales workers	91 798	87 369	4 274	317	90 748	71 770	13 054	5 924	1 439	3 789	7 411
Insurance agents, brokers, and underwriters	10 600	10 171	403	32	10 554	9 198	1 068	288	153	373	327
Real estate agents and brokers	3 893	3 782	111	—	3 877	3 260	488	129	52	143	171
Sales representatives, manufacturing industries	12 663	12 497	160	5	12 597	10 906	1 411	280	181	370	437
Sales representatives, wholesale trade	16 248	15 865	373	19	16 208	13 927	1 813	468	185	530	629
Sales clerks, retail trade	23 164	21 472	1 637	177	22 789	15 626	4 194	2 969	472	1 198	3 319
Salesmen, retail trade	9 476	9 070	390	19	9 402	7 346	1 596	460	128	356	548
Salesmen of services and construction	4 347	4 157	186	17	4 342	3 394	720	228	88	152	342
All sales workers	11 407	10 355	1 014	48	10 979	8 113	1 764	1 102	180	667	1 638
Clerical and kindred workers	114 604	96 835	17 306	398	113 001	85 644	17 774	9 583	2 504	5 769	11 869
Bank tellers and cashiers	5 616	5 062	539	22	5 455	2 876	1 341	1 238	98	333	1 125
Bookkeepers and billing clerks	8 731	8 195	497	20	8 684	7 097	1 017	570	290	596	688
Mail handlers and postal clerks	16 185	12 079	4 072	25	16 039	12 938	2 038	1 063	346	710	1 265
Other clerical and kindred workers	84 072	71 499	12 198	331	82 823	62 733	13 378	6 712	1 770	4 130	8 791
Craftsmen and kindred workers	257 189	227 602	28 846	1 128	254 717	195 854	48 411	10 452	6 797	14 107	16 154
Apparel craftsmen and upholsterers	3 678	3 210	458	44	3 627	2 573	908	146	157	291	220
Bakers	2 945	2 465	462	44	2 920	2 156	597	167	147	296	169
Cabinetmakers	1 324	1 263	61	17	1 303	957	260	86	46	78	87
Construction craftsmen	65 647	58 559	6 906	267	65 216	41 146	20 270	3 800	1 695	4 007	4 630
Carpenters	17 156	15 594	1 530	72	17 032	10 236	5 718	1 078	458	987	1 215
Excavating, grading, and road machine operators	3 999	3 414	571	20	3 972	2 367	1 467	138	33	118	174
Electricians	11 922	11 070	799	8	11 872	9 414	2 036	422	238	602	496
Masons and tile setters	5 506	4 516	984	29	5 448	2 267	2 882	299	159	322	416
Pointers, construction and maintenance, and paperhangers	8 242	7 047	1 147	46	8 186	4 473	2 814	899	289	804	1 316
Plasterers and cement finishers	2 629	1 834	789	46	2 597	1 035	1 314	248	102	206	299
Plumbers and pipe fitters	11 788	10 993	784	32	11 730	8 943	2 417	370	315	720	488
Other construction craftsmen	4 405	4 091	302	14	4 379	2 411	1 622	346	101	248	226
Foremen, n.e.c.	35 005	32 288	2 637	152	34 870	31 290	3 202	378	932	1 534	1 048
Manufacturing	21 882	20 625	1 222	98	21 784	19 823	1 768	193	657	981	656
Nonmanufacturing industries	13 123	11 663	1 415	54	13 086	11 467	1 434	185	275	553	392
Linemen and servicemen, telephone and power	8 601	8 014	576	6	8 553	7 442	873	238	96	297	255
Locomotive engineers and firemen	986	944	42	—	982	801	158	23	111	146	42
Mechanics and repairmen	56 289	50 320	5 805	301	55 919	45 184	8 413	2 322	832	1 879	2 091
Air conditioning, heating, and refrigeration	3 910	3 604	306	15	3 905	3 160	611	134	15	107	148
Aircraft	1 549	1 405	144	—	1 537	1 281	209	47	6	44	56
Automobile, including body	21 260	18 252	2 929	171	21 083	16 359	3 597	1 127	283	678	782
Radio and television	2 987	2 680	292	13	2 959	2 436	372	151	51	95	128
Other mechanics and repairmen	26 583	24 379	2 134	102	26 435	21 948	3 624	863	477	955	977
Metal craftsmen, except mechanics	29 348	27 228	2 052	64	29 193	23 729	4 783	681	975	1 840	1 094
Machinists and job and die setters	11 426	10 500	902	58	11 365	9 227	1 853	285	440	721	499
Sheetmetal workers and tinsmiths	4 950	4 677	261	6	4 926	3 901	911	114	95	203	1

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

PHILADELPHIA, PA.—N.J., SMSA—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Operatives, except transport	166 535	132 136	33 703	2 627	163 748	115 975	35 183	12 590	4 085	9 085	13 924
Assemblers.....	10 992	9 422	1 541	181	10 873	7 135	2 866	872	181	466	800
Checkers, examiners, and inspectors; manufacturing	10 409	9 404	995	40	10 328	8 248	1 709	371	254	456	517
Garage workers and gas station attendants	6 829	5 936	888	30	6 573	2 555	1 800	2 218	26	225	1 399
Laundry and drycleaning operatives, n.e.c.	1 640	934	648	—	1 591	1 069	309	213	64	186	156
Meat cutters and butchers	6 234	5 124	1 100	101	6 168	4 846	1 030	292	93	378	302
Mine operatives, n.e.c.	267	238	29	13	262	215	30	17	19	28	47
Packers and wrappers, except produce	7 345	5 396	1 917	244	7 152	4 430	1 605	1 117	185	546	1 268
Painters, manufactured articles	2 693	2 012	651	80	2 641	1 916	603	142	79	111	187
Precision machine operatives	11 368	10 404	940	69	11 233	8 793	1 969	471	198	590	551
Sawyers	683	602	81	11	673	474	162	37	13	55	60
Stationary firemen.....	2 097	1 640	429	21	2 092	1 753	303	36	79	195	136
Textile operatives.....	3 465	2 876	579	127	3 430	2 997	835	198	248	381	385
Welders and flammcutters.....	12 648	10 115	2 497	99	12 530	9 160	2 903	467	213	599	433
Other metalworking operatives.....	7 631	6 222	1 390	133	7 528	5 431	1 589	508	235	435	363
Other specified operatives.....	34 691	23 976	10 448	509	33 633	22 987	7 978	2 668	1 095	2 070	3 856
Miscellaneous and not specified operatives.....	47 543	37 835	9 570	969	47 021	34 566	9 492	2 963	1 103	2 364	3 464
Occupation:											
Machine operatives, miscellaneous specified.....	20 458	16 617	3 797	359	20 274	15 509	3 813	952	427	957	1 167
Machine operatives, not specified.....	9 869	7 455	2 390	326	9 753	7 239	1 954	560	194	455	611
Miscellaneous operatives.....	12 337	9 878	2 409	210	12 184	8 385	2 642	1 157	353	713	1 179
Not specified operatives.....	4 879	3 885	974	74	4 810	3 433	1 083	294	129	239	507
Industry:											
Manufacturing.....	41 129	33 116	7 892	925	40 692	30 388	8 103	2 201	949	1 951	2 767
Durable goods.....	20 153	16 217	3 867	490	19 899	14 533	4 246	1 200	482	905	1 173
Wood products, including furniture.....	928	677	246	44	917	607	207	103	5	38	59
Primary metal industries.....	3 837	3 113	704	107	3 813	2 989	692	132	95	164	234
Fabricated metal industries.....	3 415	2 804	591	127	3 360	2 376	789	195	93	157	195
Machinery, including electrical.....	5 712	4 738	950	108	5 626	3 977	1 287	362	131	200	344
Motor vehicles and equipment.....	891	632	259	—	884	608	260	16	56	75	22
Transportation equipment, except motor vehicles.....	1 261	976	285	8	1 246	1 020	182	44	33	64	78
Other durable goods.....	4 109	3 277	832	96	4 053	2 956	829	268	69	207	241
Nondurable goods.....	20 558	16 609	3 897	429	20 381	15 537	3 781	1 063	462	1 017	1 536
Food and kindred products.....	3 332	2 249	1 072	143	3 289	2 352	691	246	94	231	309
Apparel and other fabricated textile products.....	771	543	223	7	725	481	214	30	24	49	91
Paper and allied products.....	4 062	3 064	995	111	4 053	3 148	711	194	91	208	351
Chemicals and allied products.....	5 146	4 506	634	55	5 135	4 069	909	157	63	192	213
Other nondurable goods.....	7 247	6 247	973	113	7 179	5 487	1 256	436	190	337	572
Not specified manufacturing industries.....	6 418	5 290	1 28	4	6 412	4 318	76	18	5	29	58
Nonmanufacturing industries.....	6 414	4 719	1 678	66	6 329	4 178	1 389	762	154	413	697
Transportation, communications, and other public utilities.....	1 303	977	317	—	1 277	952	264	61	35	56	69
Wholesale and retail trade.....	2 412	1 791	613	25	2 383	1 496	558	329	75	210	296
All other industries.....	2 699	1 951	748	19	2 669	1 730	567	372	44	147	332
Transport equipment operatives.....	69 491	53 270	16 063	389	68 685	49 477	15 364	3 844	1 254	3 161	4 977
Bus drivers.....	5 039	3 996	1 033	30	5 009	3 545	1 291	173	94	335	220
Taxicab drivers and chauffeurs.....	3 734	2 771	945	8	3 675	2 303	1 007	365	52	194	335
Truck drivers and deliverymen.....	45 279	36 135	9 044	226	44 927	32 541	9 936	2 450	753	1 990	3 017
Other transport equipment operatives.....	15 439	10 368	5 041	125	15 074	11 088	3 130	856	355	642	1 405
Laborers, except farm.....	72 168	47 182	24 748	983	69 919	39 239	19 757	10 923	1 868	4 923	17 633
Construction laborers.....	13 192	7 180	5 976	264	12 864	6 134	5 113	1 617	350	904	3 296
Freight, stock, and material handlers.....	28 508	21 132	7 312	228	27 805	16 133	7 231	4 441	594	1 632	5 750
Other specified laborers.....	18 915	11 306	7 497	270	18 013	10 014	4 627	3 372	439	1 404	6 099
Miscellaneous and not specified laborers.....	11 553	7 564	3 963	221	11 237	6 958	2 786	1 493	485	983	2 488
Occupation:											
Miscellaneous laborers.....	3 784	2 249	1 518	45	3 714	2 544	815	355	160	326	552
Not specified laborers.....	7 769	5 315	2 445	176	7 523	4 414	1 971	1 138	325	657	1 936
Industry:											
Manufacturing.....	6 422	4 737	1 675	153	6 246	4 040	1 599	607	261	490	1 141
Durable goods.....	4 072	2 990	1 072	103	3 966	2 595	966	405	175	309	697
Wood products, including furniture.....	162	143	19	30	150	103	33	14	—	10	20
Metal industries.....	2 263	1 600	663	34	2 215	1 521	541	153	96	195	352
Machinery, including electrical.....	584	454	120	10	571	318	149	104	32	40	135
Transportation equipment.....	345	237	108	13	339	220	91	28	9	25	72
Other durable goods.....	718	556	162	16	691	433	152	106	38	38	119
Nondurable goods.....	2 276	1 697	579	50	2 206	1 397	612	197	80	148	431
Food and kindred products.....	519	328	191	28	489	289	167	33	6	42	118
Not specified manufacturing industries.....	74	50	24	—	74	48	21	5	6	33	13
Nonmanufacturing industries.....	5 131	2 827	2 288	68	4 991	2 918	1 187	886	224	493	1 347
Railroads and railway express service.....	507	154	353	7	497	384	77	36	61	93	94
Transportation, except railroads.....	249	170	79	—	241	176	56	9	9	48	31
Communications, and utilities and sanitary services.....	1 136	388	743	9	1 113	737	278	98	40	79	120
Wholesale and retail trade.....	1 545	1 097	437	45	1 486	775	391	320	38	71	377
All other industries.....	1 694	1 018	676	7	1 654	846	385	423	76	202	725
Farmers and farm managers.....	4 861	4 343	490	12	4 802	4 061	563	178	215	398	600
Farm laborers and farm foremen.....	5 431	4 368	1 040	390	5 153	2 725	1 518	910	244	490	1 701
Paid farm laborers and farm foremen.....	5 045	4 012	1 010	390	4 822	2 548	1 436	838	227	477	1 506
Unpaid family workers.....	386	356	30	—	331	177	82	72	17	13	195
Service workers, except private household¹.....	103 845	74 652	28 543	1 235	100 784	66 599	21 110	13 075	3 084	8 237	19 122
Cleaning service workers.....	28 294	18 339	9 840	277	27 647	18 275	5 893	3 479	1 108	2 839	4 555
Food service workers.....	24 966	18 950	5 712	671	23 873	11 965	6 348	5 560	625	1 944	6 192
Cooks, except private household.....	7 943	5 156	2 648	215	7 735	4 453	2 067	1 215	214	656	1 413
Busboys and dishwashers.....	5 285	4 284	965	262	4 741	1 096	1 309	2 336	90	390	2 712
Health service workers.....	3 023	1 445	1 533	13	2 914	1 670	768	476	55	138	649
Personal service workers.....	9 811	8 065	1 700	65	9 564	6 464	2 063	1 037	231	866	2 843
Protective service workers.....	26 983	22 412	4 500	58	26 730	21 612	3 818	1 300	700	1 688	1 603
Firemen, fire protection.....	3 562	3 278	275	—	3 556	3 267	272	17	79	118	96
Guards and watchmen.....	10 023	7 715	2 280	23	9 844	6 784	2 027	1 033	502	1 193	1 072
Policemen and detectives.....	12 472	10 599	1 845	35	12 420	11 162	1 077	181	86	267	334
Private household workers.....	857	285	535	8	819	437	253	129	50	122	251
Unemployed persons, last worked 1959 or earlier².....	530	340	190	14	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately. ²See 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 PHILADELPHIA, PA.—N.J., SMSA—Continued Female, 16 years old and over	Total experienced civilian labor force	Persons of Puerto Rican birth or parentage		Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
		White	Negro	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
											3 557
Professional, technical, and kindred workers	111 071	95 423	14 203	296	108 082	44 775	46 163	17 144	8 076	19 274	21 216
Accountants	3 858	3 408	430	9	3 755	2 660	585	510	191	523	467
Computer specialists	1 555	1 404	127	—	1 532	1 122	254	156	84	186	163
Librarians	2 279	2 076	188	—	2 244	1 003	952	289	80	328	292
Mathematical specialists	328	302	22	—	328	236	58	34	59	67	44
Life and physical scientists	1 046	914	103	—	1 026	694	235	97	89	141	150
Registered nurses, dietitians, and therapists	23 356	20 041	2 609	51	22 817	11 436	7 549	3 832	1 889	4 020	3 935
Dietitians	888	584	262	9	848	557	205	86	126	136	130
Registered nurses	21 347	18 483	2 200	42	20 865	10 402	6 941	3 522	1 679	3 768	3 541
Health technologists and technicians	5 657	4 712	855	15	5 536	3 504	1 179	853	576	1 180	848
Social scientists	612	556	47	22	603	350	174	79	21	19	97
Social and recreation workers	4 232	3 046	1 168	22	4 167	2 266	1 195	706	203	891	1 542
Teachers: College and university	2 577	2 343	210	—	2 515	751	1 299	465	72	305	450
Elementary and prekindergarten	27 876	24 027	3 736	58	27 827	4 963	17 711	4 613	2 071	5 570	6 063
Secondary	11 048	9 991	1 047	16	10 862	1 851	7 251	1 760	800	1 867	1 845
Other teachers	2 589	2 391	187	—	2 520	738	2 266	516	107	316	524
Engineering and science technicians	2 511	2 208	266	—	2 459	1 587	507	365	270	593	366
Technicians, except health, and engineering and science	4 04	346	58	—	393	290	46	57	15	22	26
Writers, artists, and entertainers	5 685	5 313	336	44	5 516	2 977	1 440	1 099	302	964	1 331
Actors and dancers	127	108	19	—	127	41	33	53	23	71	64
Authors, editors, and reporters	1 603	1 532	61	—	1 555	946	370	239	99	237	258
Other professional, technical, and kindred workers	15 458	12 345	2 819	59	14 522	8 347	4 462	1 713	1 247	2 282	3 073
Managers and administrators, except farm	21 267	19 125	2 061	64	20 747	15 251	4 192	1 304	1 274	3 054	2 811
Buyers, purchasing agents, and sales managers	3 714	3 406	308	5	3 668	2 935	545	188	240	553	443
Restaurant, cafeteria, and bar managers	1 750	1 566	164	—	1 709	1 004	610	95	127	266	287
School administrators	1 403	1 218	185	—	1 385	687	619	79	64	176	73
Other specified managers and administrators	5 208	4 429	758	41	4 973	3 807	754	412	321	769	939
Managers and administrators, n.e.c., salaried	7 104	6 559	518	7	6 999	5 444	1 181	374	357	928	808
Wholesale and retail trade	2 397	2 237	150	7	2 353	1 797	417	139	140	378	291
Managers and administrators, n.e.c., self-employed	2 088	1 947	128	11	2 013	1 374	483	156	165	362	261
Wholesale and retail trade	1 419	1 329	85	6	1 366	915	340	111	126	231	140
Sales workers	56 043	51 446	4 451	153	52 887	25 376	15 361	12 150	5 573	14 207	18 127
Demonstrators, hucksters, and peddlers	1 417	1 350	59	—	1 377	319	454	404	145	545	612
Insurance, real estate agents, and brokers	2 508	2 371	131	—	2 434	1 495	557	382	196	375	368
Sales clerks, retail trade	41 239	38 177	2 969	85	39 381	18 130	11 719	9 532	4 281	11 089	13 269
Salesmen, retail trade	1 280	1 190	84	—	1 203	681	282	240	87	220	331
Other sales workers	9 599	8 358	1 208	68	8 692	4 751	2 349	1 578	864	1 978	3 547
Clerical and kindred workers	285 227	246 338	37 967	615	274 892	174 004	61 114	39 774	31 849	62 397	59 020
Bank tellers	5 081	4 745	321	4	4 936	3 460	846	630	463	872	852
Bookkeepers	29 198	27 059	2 031	57	28 681	20 735	5 250	2 696	2 731	5 466	4 213
Cashiers	16 658	14 529	2 075	16	16 001	7 443	4 580	3 978	1 151	3 647	4 848
Counter clerks, except food	3 904	3 337	556	5	3 727	2 027	910	790	372	904	821
Enumerators and interviewers	1 054	846	196	16	906	254	270	382	201	332	588
File clerks	10 615	8 187	2 388	26	9 945	5 050	2 512	2 383	1 282	2 830	3 605
Office machine operators	13 409	10 265	3 077	18	12 901	8 277	2 863	1 761	1 817	3 094	2 479
Bookkeeping and billing machine operators	1 435	1 220	215	—	1 385	973	232	180	292	383	320
Keypunch operators	8 561	6 161	2 350	18	8 220	5 068	1 934	1 218	1 025	2 086	1 544
Payroll and timekeeping clerks	3 468	3 145	320	—	3 375	2 630	490	255	336	614	521
Receptionists	6 457	5 813	625	41	6 165	3 531	1 500	1 134	709	1 714	1 586
Secretaries	76 561	72 373	4 054	98	75 155	53 292	14 978	6 885	9 674	17 668	12 619
Stenographers	2 748	2 508	236	8	2 640	1 845	511	284	507	698	290
Telephone operators	10 472	8 819	1 638	25	10 086	6 397	2 295	1 394	1 436	2 695	2 059
Typists	33 844	28 870	4 889	96	32 694	19 376	7 317	6 001	4 360	8 496	8 056
Other clerical and kindred workers	71 762	55 842	15 561	205	67 680	39 687	16 792	11 201	6 810	13 367	16 483
Craftsmen and kindred workers	11 873	9 707	2 110	85	11 599	7 533	2 811	1 255	792	2 108	2 014
Foremen, n.e.c.	3 297	2 815	462	7	3 292	2 699	518	75	227	423	282
Operatives, except transport	118 384	85 276	32 350	1 813	113 240	59 286	38 853	15 101	11 971	27 863	25 173
Assemblers	11 590	9 435	2 091	59	11 259	5 987	3 646	1 626	786	2 518	2 354
Battling and conning operatives	8 500	345	175	14	488	253	154	81	67	99	103
Checkers, examiners, and inspectors; manufacturing	8 206	7 378	1 395	58	8 606	5 150	2 525	931	848	1 857	1 398
Dressmakers and seamstresses, except factory	2 270	1 638	608	28	2 214	1 204	691	319	360	712	481
Laundry and drycleaning operatives, including ironers	5 968	2 105	3 828	84	5 726	3 075	1 868	783	568	1 415	1 236
Graders and sorters, manufacturing	630	440	190	8	614	346	196	72	101	200	189
Packers and wrappers, except produce	14 620	11 706	2 848	106	14 038	7 122	4 504	2 412	1 423	3 763	4 124
Sewers and stitchers	28 413	19 907	8 268	816	27 674	13 088	11 680	2 906	3 029	6 680	4 549
Textile operatives	4 796	4 106	669	43	4 659	2 529	1 576	554	806	1 409	1 072
Other specified operatives	22 561	14 528	7 874	305	20 343	10 943	6 533	2 867	2 479	4 914	5 836
Miscellaneous and not specified operatives	18 210	13 688	4 406	292	17 619	9 589	5 480	2 550	1 504	4 296	3 831
Manufacturing	16 248	12 410	3 759	264	15 742	8 589	4 915	2 238	1 350	3 857	3 248
Durable goods	6 422	4 989	1 392	112	6 205	3 584	1 788	833	340	1 324	1 306
Machinery, including electrical	2 893	2 311	572	29	2 771	1 699	683	389	129	627	486
Other durable goods	3 529	2 678	820	83	3 434	1 885	1 105	444	211	697	820
Nondurable goods, including not specified manufacturing	9 826	7 421	2 367	152	9 537	5 005	3 127	1 405	1 010	2 533	1 942
Food and kindred products	1 660	1 211	442	38	1 624	811	538	207	200	628	425
Apparel and other fabricated textile products	2 300	1 353	926	74	2 226	1 099	879	248	172	491	398
Nonmanufacturing industries	1 962	1 278	647	28	1 877	1 000	565	312	154	439	583
Transport equipment operatives	2 646	2 215	423	17	2 546	869	1 167	510	36	310	493
Laborers, except farm	5 732	4 006	1 714	44	5 429	2 972	1 432	1 025	301	1 060	1 623
Farmers and farm managers	875	401	468	—	851	788	43	20	41	68	84
Farm laborers and farm foremen	1 332	856	463	29	1 191	405	504	282	210	359	744
Paid farm laborers and farm foremen	1 073	608	452	19	950	265	447	238	180	267	581
Unpaid family workers	259	248	11	10	241	140	57	44	30	92	163
Service workers, except private household ¹	102 779	70 812	31 283	413	96 439	45 177	32 103	19 159	7 678	23 436	30 424
Cleaning service workers	13 293	7 356	5 852	55	12 725	7 318	3 535	1 872	1 138	3 173	2 983
Chambermaids and maids	3 251	1 588	1 636	18	3 057	1 507	996	554	278	774	1 057
Food service workers	38 373	31 571	6 507	97	36 154	13 918	13 543	8 693	3 185	9 997	13 365
Cooks, except private household	5 969	4 127	1 808	24	5 762	2 522	2 390	850	2 110	1 285	1 219
Waiters and food counter workers	24 652	21 899	2 551	55	23 182	8 844	8 241	6 097	2 496	6 875	9 891
Health service workers	21 495	11 735	9 656	78	20 553	10 859	5 863	3 831	1 009	4 176	5 161
Nursing aides, orderlies, and attendants	10 411	5 910	5 254	71	9 836	4 955	2 822	2 059	424	2 195	3 342
Practical nurses	6 981	3 437	3 507	—	6 813	3 946	2 061	806	320	1 204	989
Personal service workers	14 313	11 333	3 118	113	13 707	6 869	4 414	2 424	1 2		

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

TRENTON SMSA

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Male, 16 years old and over	78 611	68 015	10 218	827	77 591	56 614	15 200	5 777	1 667	3 953	9 065
Professional, technical, and kindred workers	15 355	14 466	680	23	15 243	11 320	2 961	962	95	472	1 731
Accountants	1 097	1 078	19	5	1 087	940	137	10	—	16	38
Architects	114	114	—	—	114	91	11	12	—	—	7
Computer specialists	553	542	6	—	553	472	50	31	—	24	54
Engineers	2 293	2 249	39	—	2 293	2 099	126	68	12	112	74
Aeronautical and astronautical	39	39	—	—	39	20	19	—	—	5	5
Civil	351	348	3	—	351	316	21	14	—	23	17
Electrical and electronic	589	580	4	—	589	539	27	23	—	28	5
Mechanical	261	261	—	—	261	246	15	—	—	18	6
Other engineers	1 053	1 021	32	—	1 053	978	44	31	12	38	41
Lawyers and judges	441	441	—	—	434	414	11	9	—	12	16
Life and physical scientists	732	695	13	—	732	624	84	24	4	20	19
Chemists	394	378	8	6	394	324	51	19	4	15	9
Physicians, dentists, and related practitioners	775	745	17	—	775	537	222	16	—	16	6
Dentists	155	155	—	—	155	72	76	7	—	12	6
Pharmacists	110	105	5	—	110	95	11	4	—	4	—
Physicians, medical and osteopathic	462	437	12	—	462	322	135	5	—	—	—
Other related practitioners	48	48	—	—	48	48	—	—	—	—	—
Health technologists and technicians	119	94	25	6	119	91	18	10	6	—	11
Religious workers	331	320	11	—	326	200	86	40	3	10	40
Social scientists	355	342	13	—	349	291	58	—	4	10	10
Social and recreation workers	215	177	38	—	210	151	23	36	—	20	96
Teachers	2 788	2 633	102	—	2 769	1 372	1 189	208	15	76	258
College and university	1 347	1 291	11	—	1 341	859	381	101	10	61	126
Elementary and prekindergarten	308	287	21	—	308	63	220	25	5	5	64
Secondary	985	925	56	—	972	359	550	63	—	4	37
Engineering and science technicians	1 689	1 573	92	—	1 680	1 383	195	102	15	24	85
Draftsmen and surveyors	687	670	17	—	683	548	86	49	4	8	25
Electrical and electronic engineering technicians	334	304	25	—	334	290	40	4	—	—	25
Technicians, except health, and engineering and science	167	163	4	—	167	138	24	5	—	5	11
Airplane pilots	75	75	—	—	75	60	15	—	—	—	—
Writers, artists, and entertainers	858	811	39	—	849	553	203	93	—	35	171
Other professional, technical, and kindred workers	2 828	2 489	262	6	2 786	1 964	524	298	36	92	835
Managers and administrators, except farm	8 158	7 901	234	52	8 123	7 054	924	145	146	324	292
Buyers, purchasing agents, and sales managers	951	941	10	7	951	839	112	—	26	32	9
School administrators	339	308	26	6	339	235	94	10	—	—	16
Specified managers and administrators, public administration	918	878	40	7	918	818	67	33	16	39	54
Other specified managers and administrators	1 496	1 426	70	17	1 486	1 229	223	34	38	110	99
Managers and administrators, n.e.c., salaried	3 813	3 738	67	15	3 788	3 417	325	46	33	90	87
Manufacturing	1 230	1 221	4	—	1 230	1 137	83	10	4	23	39
Wholesale and retail trade	863	843	20	—	853	770	73	10	10	24	16
Transportation, communications, and other public utilities	329	329	—	—	324	294	30	—	—	12	—
All other industries	1 391	1 345	43	15	1 381	1 216	139	26	19	31	32
Managers and administrators, n.e.c., self-employed	641	610	21	—	641	516	103	22	33	53	27
Construction	149	138	11	—	149	84	50	15	7	9	—
Manufacturing	39	39	—	—	39	28	11	—	12	—	4
Wholesale and retail trade	335	330	5	—	335	309	19	7	14	35	18
All other industries	118	103	5	—	118	95	23	—	—	9	5
Sales workers	4 504	4 349	141	11	4 456	3 429	677	350	81	182	433
Insurance agents, brokers, and underwriters	510	483	17	—	510	434	57	19	10	5	5
Real estate agents and brokers	215	215	—	—	207	160	32	15	—	17	—
Sales representatives, manufacturing industries	412	407	5	—	412	371	36	5	4	17	24
Sales representatives, wholesale trade	645	640	5	—	645	560	60	25	12	28	14
Sales clerks, retail trade	1 183	1 130	49	6	1 169	805	220	144	20	73	240
Salesmen, retail trade	547	534	13	—	547	442	76	29	22	9	27
Salesmen of services and construction	217	217	—	—	217	166	36	15	—	5	8
Other sales workers	775	723	52	—	749	491	160	98	13	28	115
Clerical and kindred workers	6 754	6 042	703	41	6 664	4 892	1 119	653	128	336	1 040
Bank tellers and cashiers	225	210	10	—	211	97	85	29	—	12	109
Bookkeepers and billing clerks	627	613	10	—	627	541	54	32	13	29	48
Mail handlers and postal clerks	1 035	878	157	17	1 014	816	140	58	11	76	60
Other clerical and kindred workers	4 867	4 341	526	24	4 812	3 438	840	534	104	219	823
Craftsmen and kindred workers	15 318	13 863	1 425	96	15 160	11 309	3 121	730	393	1 012	954
Apparel craftsmen and upholsterers	150	143	7	8	150	122	19	9	6	6	—
Bakers	145	132	13	13	145	106	39	—	5	16	28
Cabinetmakers	49	49	—	—	49	42	7	—	—	9	—
Construction craftsmen	4 183	3 854	315	26	4 165	2 421	1 456	288	111	313	322
Carpenters	1 117	1 064	48	—	1 117	618	424	75	31	72	84
Excavating, grading, and road machine operators	334	272	62	—	334	205	122	7	7	5	11
Electricians	666	642	21	—	661	527	113	21	7	57	16
Masons and tile setters	391	284	107	7	391	150	196	45	24	54	25
Painters, construction and maintenance, and paperhangers	520	472	42	—	516	254	192	70	19	56	102
Plasterers and cement finishers	97	81	16	12	97	38	52	7	3	—	—
Plumbers and pipe fitters	620	605	15	7	615	458	143	14	14	49	35
Other construction craftsmen	438	434	4	—	434	171	214	49	6	20	49
Foremen, n.e.c.	2 228	2 105	118	17	2 223	1 994	224	5	49	146	53
Manufacturing	1 362	1 299	58	8	1 357	1 237	115	5	26	83	18
Nonmanufacturing industries	866	806	60	9	866	757	109	—	23	63	35
Linemen and servicemen, telephone and power	416	401	15	—	411	359	43	9	9	15	29
Locomotive engineers and firemen	71	71	—	—	71	66	5	—	10	36	5
Mechanics and repairmen	3 033	2 775	251	6	3 022	2 374	495	153	32	108	110
Air conditioning, heating, and refrigeration	238	217	17	—	238	189	25	24	—	5	—
Aircraft	99	95	4	—	99	85	14	—	6	—	—
Automobile, including body	1 232	1 082	146	6	1 227	926	220	81	4	27	48
Radio and television	158	158	—	—	158	142	16	—	—	6	5
Other mechanics and repairmen	1 306	1 219	84	—	1 300	1 032	220	48	22	70	57
Metal craftsmen, except mechanics	1 564	1 423	141	21	1 548	1 260	232	56	56	136	80
Machinists and job and die setters	731	669	62	21	715	572	121	22	44	67	49
Sheetmetal workers and tinsmiths	185	158	27	—	185	148	28	9	—	11	—
Tool and die makers	282	277	5	—	282	219	52	11	6	21	10
Other metal craftsmen	366	319	47	—	366	321	31	14	6	37	21
Printing craftsmen	549	515	34	—	549	423	93	33	9	10	24
Compositors and typesetters	220	220	—	—	220	187	28	5	9	5	6
Pressmen and plate printers, printing	273	239	34	—	273	193	58	22	—	5	14
Stationary engineers and power station operators	263	246	17	—	256	222	29	5	34	20	4
Other craftsmen and kindred workers	2 667	2 149	514	5	2 571	1 920	479	172	72	197	299

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**

TRENTON SMSA—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Operatives, except transport	10 781	8 293	2 441	206	10 652	7 680	2 355	617	357	610	909
Assemblers.....	594	470	124	13	594	436	121	37	5	29	63
Checkers, examiners, and inspectors, manufacturing.....	557	500	57	5	540	393	116	31	8	74	61
Garage workers and gas station attendants.....	485	454	31	—	482	177	170	135	—	10	86
Laundry and drycleaning operatives, n.e.c.....	121	79	36	7	116	99	11	6	4	—	13
Meat cutters and butchers.....	278	256	22	—	272	222	44	6	19	10	5
Mine operatives, n.e.c.....	26	26	—	—	26	21	—	5	4	—	10
Packers and wrappers, except produce.....	357	288	69	26	353	240	78	35	4	15	52
Painters, manufactured articles.....	167	145	18	—	167	124	43	—	5	8	10
Precision machine operatives.....	453	400	47	—	447	365	76	6	—	28	16
Sawyers.....	32	32	—	—	32	32	—	—	—	3	—
Stationary firemen.....	329	278	51	13	329	257	67	5	27	18	20
Textile operatives.....	40	40	—	—	40	26	14	—	5	15	6
Welders and flomecutters.....	524	462	62	6	520	340	152	28	5	6	18
Other metalworking operatives.....	669	543	126	10	664	506	141	17	34	24	33
Other specified operatives.....	2 296	1 426	853	39	2 252	1 508	586	158	57	116	237
Miscellaneous and not specified operatives.....	3 853	2 894	945	87	3 818	2 934	736	148	180	254	279
Occupation:											
Machine operatives, miscellaneous specified.....	1 564	1 171	388	16	1 559	1 224	274	61	83	112	71
Machine operatives, not specified.....	891	633	258	39	876	655	185	36	27	41	77
Miscellaneous operatives.....	839	672	162	32	834	620	177	37	53	69	82
Not specified operatives.....	559	418	137	—	549	435	100	14	17	32	49
Industry:											
Manufacturing.....	3 488	2 594	880	80	3 453	2 681	658	114	171	227	242
Durable goods.....	1 881	1 500	372	73	1 866	1 448	366	52	111	131	137
Wood products, including furniture.....	28	15	8	—	28	10	8	10	—	—	5
Primary metal industries.....	443	327	112	—	443	342	85	16	37	41	40
Fabricated metal industries.....	331	268	63	6	331	252	68	11	25	23	17
Machinery, including electrical.....	476	395	81	35	466	373	88	5	6	11	26
Motor vehicles and equipment.....	163	138	25	—	163	126	37	—	—	22	16
Transportation equipment, except motor vehicles.....	11	11	—	—	11	—	11	—	—	—	—
Other durable goods.....	429	346	83	32	424	345	69	10	43	34	33
Nondurable goods.....	1 558	1 079	474	7	1 538	1 206	272	60	60	96	105
Food and kindred products.....	91	77	14	—	86	65	16	5	—	10	10
Apparel and other fabricated textile products.....	11	11	—	—	11	6	—	5	—	—	6
Paper and allied products.....	167	131	36	—	167	155	6	6	4	6	—
Chemicals and allied products.....	294	229	65	—	285	209	64	12	—	5	23
Other nondurable goods.....	995	631	359	7	989	771	186	32	56	75	66
Not specified manufacturing industries.....	49	15	34	—	49	27	20	2	—	—	—
Nonmanufacturing industries.....	365	300	65	7	365	253	78	34	9	27	37
Transportation, communications, and other public utilities.....	61	46	15	—	61	49	5	7	—	5	6
Wholesale and retail trade.....	120	101	19	—	120	75	39	6	4	4	16
All other industries.....	184	153	31	7	184	129	34	21	5	18	15
Transport equipment operatives	4 350	3 327	1 023	38	4 292	2 967	989	336	83	201	470
Bus drivers.....	166	158	8	—	166	118	43	5	6	19	8
Taxicab drivers and chauffeurs.....	195	157	38	—	195	122	43	30	—	10	21
Truck drivers and deliverymen.....	2 772	2 270	502	26	2 746	1 917	607	222	50	97	243
Other transport equipment operatives.....	1 217	742	475	12	1 185	810	296	79	27	75	198
Laborers, except farm	4 668	3 389	1 269	214	4 539	2 318	1 396	825	120	309	1 573
Construction laborers.....	941	598	343	27	924	318	432	174	17	55	310
Freight, stock, and material handlers.....	1 559	1 257	297	24	1 526	841	380	305	23	82	282
Other specified laborers.....	1 271	836	435	60	1 208	641	366	201	53	75	735
Miscellaneous and not specified laborers.....	897	698	194	103	881	518	218	145	27	97	246
Occupation:											
Miscellaneous laborers.....	209	172	37	3	209	152	32	25	16	21	57
Not specified laborers.....	688	526	157	100	672	366	186	120	11	76	189
Industry:											
Manufacturing.....	490	408	82	76	480	283	131	66	17	22	88
Durable goods.....	282	249	33	33	275	172	66	37	13	18	50
Wood products, including furniture.....	—	—	—	—	—	—	—	—	—	—	4
Metal industries.....	108	87	21	6	108	50	35	23	—	4	27
Machinery, including electrical.....	80	80	—	13	73	51	18	4	—	—	—
Transportation equipment.....	—	—	—	—	—	—	—	—	—	—	5
Other durable goods.....	94	82	12	14	94	71	13	10	13	9	14
Nondurable goods.....	200	151	49	43	197	111	61	25	4	4	38
Food and kindred products.....	8	8	—	—	8	4	4	—	—	—	11
Not specified manufacturing industries.....	8	8	—	—	8	—	4	4	—	—	—
Nonmanufacturing industries.....	407	290	112	27	401	235	87	79	10	75	158
Railroads and railway express service.....	34	9	25	—	34	34	—	—	5	16	12
Transportation, except railroads.....	27	27	—	5	27	23	4	—	5	5	6
Communications, and utilities and sanitary services.....	65	55	10	12	65	62	—	3	—	7	12
Wholesale and retail trade.....	127	93	34	10	127	53	45	29	—	23	45
All other industries.....	154	106	43	—	148	63	38	47	—	24	83
Farmers and farm managers	241	170	67	—	238	218	20	—	27	17	43
Farm laborers and farm foremen	339	153	177	17	328	222	78	28	11	26	74
Paid farm laborers and farm foremen.....	332	146	177	17	321	222	74	25	11	26	60
Unpaid farm workers.....	7	7	—	—	7	—	4	3	—	—	14
Service workers, except private household¹	8 021	5 990	2 008	129	7 811	5 154	1 541	1 116	226	464	1 536
Cleaning service workers.....	2 291	1 633	658	31	2 252	1 550	442	260	108	174	372
Food service workers.....	1 562	1 282	259	77	1 511	580	463	260	23	112	470
Cooks, except private household.....	494	353	135	37	482	261	135	86	5	29	132
Busboys and dishwashers.....	324	280	39	5	315	36	88	191	—	19	132
Health service workers.....	199	28	171	—	180	126	39	15	—	31	66
Personal service workers.....	699	595	104	8	687	460	119	108	14	17	208
Protective service workers.....	2 057	1 832	225	—	2 050	1 731	225	94	71	100	121
Firemen, fire protection.....	253	243	10	—	251	233	14	4	—	7	5
Guards and watchmen.....	943	786	157	—	943	756	121	66	67	64	93
Policemen and detectives.....	775	727	48	—	775	708	56	11	4	23	23
Private household workers	96	46	50	—	85	51	19	15	—	—	10
Unemployed persons, last worked 1959 or earlier²	26	26	—	—	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately. ²See 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

TRENTON SMSA—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Female, 16 years old and over	53 214	43 331	9 660	265	50 953	27 256	15 294	8 403	4 437	9 766	11 685
Professional, technical, and kindred workers	8 524	7 512	929	26	8 303	3 092	3 734	1 477	557	1 579	1 818
Accountants	171	155	16	—	167	130	21	16	—	24	37
Computer specialists	111	103	3	—	111	62	30	19	5	5	16
Librarians	182	158	—	—	182	96	57	29	21	38	46
Mathematical specialists	19	19	—	—	19	15	4	—	—	5	14
Life and physical scientists	118	112	—	—	118	66	31	21	17	9	15
Registered nurses, dietitians, and therapists	1 406	1 266	129	6	1 373	726	469	178	109	310	267
Dietitians	43	25	18	—	38	25	8	5	8	11	23
Registered nurses	1 314	1 202	101	6	1 292	677	452	163	101	284	239
Health technologists and technicians	284	223	56	—	284	180	61	43	28	46	69
Social scientists	47	31	16	—	47	18	29	—	—	14	9
Social and recreation workers	356	290	66	20	351	161	130	60	8	43	213
Teachers: College and university	266	250	12	—	261	68	142	51	33	45	48
Elementary and prekindergarten	2 210	2 004	201	—	2 139	272	1 426	441	111	523	431
Secondary	866	826	35	—	835	108	573	154	76	183	118
Other teachers	200	189	11	—	195	57	92	46	12	24	60
Engineering and science technicians	223	213	10	—	218	145	53	20	26	21	62
Technicians, except health, and engineering and science	13	13	—	—	13	9	—	4	5	—	9
Writers, artists, and entertainers	550	515	25	—	550	280	141	129	29	100	147
Actors and dancers	16	16	—	—	16	5	6	5	—	11	5
Authors, editors, and reporters	232	220	12	—	232	109	65	58	12	28	49
Other professional, technical, and kindred workers	1 502	1 145	349	—	1 440	699	475	266	77	189	255
Managers and administrators, except farm	1 416	1 351	55	20	1 394	1 061	238	95	49	218	184
Buyers, purchasing agents, and sales managers	259	239	20	9	252	212	34	6	15	50	31
Restaurant, cafeteria, and bar managers	104	98	—	—	98	72	26	—	6	10	22
School administrators	96	96	—	—	96	44	43	9	6	26	25
Other specified managers and administrators	314	298	16	11	310	240	44	26	5	78	41
Managers and administrators, n.e.c., salaried	568	551	13	—	568	442	72	54	11	30	54
Wholesale and retail trade	163	159	—	—	163	125	21	17	6	15	17
Managers and administrators, n.e.c., self-employed	75	69	6	—	70	51	19	—	6	24	11
Wholesale and retail trade	44	44	—	—	44	35	9	—	6	15	6
Sales workers	3 490	3 234	256	6	3 299	1 440	920	939	351	737	1 131
Demonstrators, hucksters, and peddlers	57	57	—	—	46	5	17	24	10	36	24
Insurance, real estate agents, and brokers	176	170	6	—	176	117	39	20	23	21	54
Sales clerks, retail trade	2 391	2 240	151	6	2 265	962	639	664	272	577	810
Salesmen, retail trade	82	82	—	—	76	40	22	14	—	17	23
Other sales workers	784	685	99	—	736	316	203	217	46	86	240
Clerical and kindred workers	20 894	18 435	2 418	51	20 146	12 482	4 573	3 091	1 851	3 719	4 451
Bank tellers	234	225	9	6	229	158	36	35	48	84	49
Bookkeepers	2 009	1 926	78	8	1 975	1 465	339	171	136	248	235
Cashiers	828	772	56	—	778	443	173	162	82	221	353
Counter clerks, except food	162	147	15	—	157	59	56	42	5	52	62
Enumerators and interviewers	65	61	4	—	52	21	4	27	15	18	66
File clerks	1 033	927	106	—	986	505	237	244	89	143	232
Office machine operators	936	766	164	—	932	571	276	85	111	163	145
Bookkeeping and billing machine operators	89	81	8	—	89	60	22	7	22	21	11
Keypunch operators	627	496	125	—	623	382	184	57	49	99	114
Payroll and timekeeping clerks	229	213	16	—	224	181	26	17	25	41	15
Receptionists	410	368	42	—	387	236	103	48	42	56	64
Secretaries	5 416	5 071	339	5	5 315	3 641	1 048	626	487	1 173	961
Stenographers	616	556	60	—	594	416	90	88	31	49	48
Telephone operators	649	558	81	—	617	343	192	82	84	135	168
Typists	2 697	2 327	360	6	2 568	1 509	594	465	287	451	689
Other clerical and kindred workers	5 610	4 518	1 088	26	5 332	2 934	1 399	999	409	885	1 364
Craftsman and kindred workers	570	478	92	6	543	354	155	34	40	93	64
Foremen, n.e.c.	156	144	12	—	150	105	40	5	10	38	8
Operatives, except transport	8 447	6 349	2 051	95	7 988	4 362	2 640	986	779	1 459	1 421
Assemblers	987	815	172	—	957	557	259	141	50	125	195
Bottling and canning operatives	52	52	—	—	52	15	31	6	4	5	5
Checkers, examiners, and inspectors, manufacturing	785	673	112	—	765	467	236	62	89	114	80
Dressmakers and seamstresses, except factory	129	98	18	—	124	25	41	58	5	20	49
Laundry and drycleaning operatives, including ironers	460	411	314	—	415	235	136	44	17	106	93
Graders and sorters, manufacturing	13	8	5	—	13	9	4	—	26	—	7
Packers and wrappers, except produce	633	520	107	6	595	322	192	81	61	198	170
Sewers and stitchers	1 007	867	140	43	986	440	423	123	173	179	117
Textile operatives	43	43	—	—	38	27	6	5	14	14	9
Other specified operatives	2 464	1 683	758	18	2 223	1 202	747	274	154	352	400
Miscellaneous and not specified operatives	1 874	1 449	425	28	1 820	1 063	565	192	186	346	296
Manufacturing	1 776	1 372	404	28	1 722	987	553	182	182	335	269
Durable goods	1 076	825	251	22	1 039	583	336	120	112	160	198
Machinery, including electrical	611	437	174	22	574	340	175	59	32	45	78
Other durable goods	465	388	77	—	465	243	161	61	80	115	120
Nondurable goods, including not specified manufacturing	700	547	153	6	683	404	217	62	70	175	71
Food and kindred products	17	13	4	—	17	13	—	4	6	21	—
Apparel and other fabricated textile products	151	121	30	—	151	84	53	14	10	13	19
Nonmanufacturing industries	98	77	21	—	98	76	12	10	4	11	27
Transport equipment operatives	256	217	39	—	246	87	123	36	—	36	5
Laborers, except farm	381	269	112	6	361	146	172	43	38	119	126
Farmers and farm managers	62	26	36	—	62	62	—	—	4	7	5
Farm laborers and farm foremen	86	14	72	—	76	10	55	11	23	40	44
Paid farm laborers and farm foremen	72	—	72	—	62	—	51	11	8	34	38
Unpaid family workers	14	14	—	—	14	10	4	—	15	6	6
Service workers, except private household ¹	7 423	4 890	2 513	38	7 027	3 432	2 211	1 384	577	1 354	2 075
Cleaning service workers	1 127	600	522	17	1 076	674	257	145	98	237	184
Chambermaids and maids	198	68	130	7	179	92	54	33	29	56	47
Food service workers	2 408	2 057	346	11	2 300	898	826	576	238	524	911
Cooks, except private household	297	176	121	5	282	148	108	26	42	85	63
Waiters and food counter workers	1 575	1 448	122	—	1 506	589	567	350	146	327	727
Health service workers	1 580	751	823	—	1 527	859	420	248	74	254	317
Nursing aides, orderlies, and attendants	1 032	362	670	—	983	537	270	176	46	183	235
Practical nurses	299	195	104	—	295	163	93	39	12	19	42
Personal service workers	974	805	169	10	929	464	318	147	75	209	288
Hairdressers and cosmetologists	474	412	62	10	460	265	134	61	39	128	64
Private household workers	1 579	480	1 077	17	1 508	728	473	307	168	405	361
Private household workers, living in	232	144	88	10	228	132	70	26	—	—	7
Private household workers, living out	1 347	336	989	7	1 280	596	403	281	168	405	354
Unemployed persons, last worked 1959 or earlier ²	86	76	10	—	...	...	...	...	...	...	...

¹Includes protective service workers and allocated cases not shown separately. ²See 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

WILMINGTON, DEL.—N.J.—MD., SMSA

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Male, 16 years old and over	126 164	113 585	12 109	1 226	124 747	93 504	22 968	8 275	2 204	5 441	11 877
Professional, technical, and kindred workers	24 636	23 613	759	216	24 538	19 791	3 807	940	178	523	1 054
Accountants	1 919	1 879	33	23	1 919	1 695	181	43	24	74	68
Architects	134	124	5	—	134	123	11	—	—	—	13
Computer specialists	624	604	20	—	624	567	57	—	—	6	6
Engineers	5 318	5 242	10	65	5 296	4 793	382	121	74	122	142
Aeronautical and astronautical	171	171	—	—	171	154	17	—	—	—	—
Civil	555	551	—	13	555	499	50	6	23	13	9
Electrical and electronic	482	476	—	6	477	464	13	—	10	9	20
Mechanical	823	800	6	5	810	717	70	23	9	33	25
Other engineers	3 287	3 244	4	41	3 283	2 959	232	92	32	67	88
Lawyers and judges	640	640	—	—	640	586	50	4	5	9	14
Life and physical scientists	1 901	1 781	55	14	1 887	1 641	171	75	5	39	62
Chemists	1 685	1 569	55	14	1 671	1 458	150	63	5	34	44
Physicians, dentists, and related practitioners	1 017	932	12	13	1 017	753	232	32	12	23	10
Dentists	192	192	—	—	192	115	71	6	—	4	—
Pharmacists	177	172	5	—	177	155	12	10	8	5	—
Physicians, medical and osteopathic	562	482	7	13	562	423	127	12	4	9	10
Other related practitioners	86	86	—	—	86	60	22	4	—	5	—
Health technologists and technicians	100	90	10	—	100	83	17	—	—	—	4
Religious workers	477	405	72	7	471	407	55	9	—	19	26
Social scientists	574	562	12	5	574	499	63	12	7	—	11
Social and recreation workers	250	195	55	8	245	132	56	57	—	20	82
Teachers	3 020	2 800	204	35	3 012	1 311	1 493	208	12	23	104
College and university	857	857	—	28	857	471	292	94	5	5	44
Elementary and prekindergarten	666	577	89	7	663	247	381	35	7	6	11
Secondary	1 334	1 247	87	—	1 334	501	777	56	—	12	42
Engineering and science technicians	4 453	4 312	129	14	4 431	3 855	423	153	—	71	146
Draftsmen and surveyors	881	859	22	—	868	730	95	43	—	9	16
Electrical and electronic engineering technicians	271	249	22	—	271	212	40	19	—	4	19
Technicians, except health, and engineering and science	325	321	4	—	325	231	84	10	—	—	5
Airplane pilots	128	128	—	—	128	86	—	—	—	—	—
Writers, artists, and entertainers	1 212	1 178	34	16	1 202	935	182	85	10	9	58
Other professional, technical, and kindred workers	2 672	2 548	104	16	2 661	2 180	350	131	29	108	303
Managers and administrators, except farm	12 629	12 278	356	119	12 599	11 245	1 140	214	262	527	466
Buyers, purchasing agents, and sales managers	1 860	1 845	15	7	1 860	1 696	143	21	37	70	72
School administrators	387	352	35	11	387	333	33	21	3	4	9
Specified managers and administrators, public administration	585	546	39	6	585	543	17	25	11	25	42
Other specified managers and administrators	2 473	2 368	97	17	2 463	2 071	342	50	90	132	139
Managers and administrators, n.e.c., salaried	6 024	5 921	95	51	6 016	5 529	424	63	88	202	154
Manufacturing	2 010	1 989	21	14	2 010	1 906	93	11	41	82	51
Wholesale and retail trade	1 758	1 733	25	30	1 748	1 571	152	25	23	37	42
Transportation, communications, and other public utilities	469	469	—	—	469	437	32	—	8	36	9
All other industries	1 789	1 740	49	7	1 789	1 615	147	27	14	47	52
Managers and administrators, n.e.c., self-employed	1 298	1 236	55	27	1 288	1 073	181	34	33	94	50
Construction	254	247	7	—	254	179	64	11	6	15	14
Manufacturing	87	87	—	—	87	61	18	8	3	12	—
Wholesale and retail trade	774	746	21	27	764	685	69	10	20	57	31
All other industries	183	156	27	—	183	148	30	5	4	10	5
Sales workers	7 124	6 857	258	71	7 046	5 310	1 075	661	124	341	823
Insurance agents, brokers, and underwriters	815	805	5	18	810	702	83	25	10	40	15
Real estate agents and brokers	287	287	—	—	287	245	36	6	10	11	35
Sales representatives, manufacturing industries	846	830	16	10	846	745	85	16	16	40	15
Sales representatives, wholesale trade	1 007	983	24	—	1 007	889	90	28	11	21	35
Sales clerks, retail trade	2 103	1 990	109	18	2 068	1 254	420	394	34	116	493
Salesmen, retail trade	1 079	1 065	14	—	1 074	814	209	51	38	52	59
Salesmen of services and construction	243	236	7	10	239	178	41	20	—	5	—
Other sales workers	744	661	83	15	715	483	111	121	5	56	171
Clerical and kindred workers	8 928	8 224	683	58	8 836	6 850	1 234	752	149	366	1 109
Bank tellers and cashiers	472	443	29	12	458	260	125	73	9	26	157
Bookkeepers and billing clerks	846	813	28	9	841	685	119	37	15	43	70
Mail handlers and postal clerks	1 150	1 041	104	—	1 133	934	99	100	10	47	97
Other clerical and kindred workers	6 460	5 927	522	37	6 404	4 971	891	542	115	250	785
Craftsmen and kindred workers	28 710	26 960	1 717	224	28 495	21 747	5 643	1 105	634	1 305	1 812
Apparel craftsmen and upholsterers	200	183	17	9	195	145	34	16	8	25	3
Bakers	184	171	13	—	179	160	9	10	5	5	9
Cabinetmakers	123	123	—	—	123	96	27	—	4	—	4
Construction craftsmen	9 283	8 842	431	49	9 209	5 817	2 845	547	240	465	685
Carpenters	2 259	2 208	51	6	2 234	1 303	781	150	81	130	185
Excavating, grading, and road machine operators	710	643	67	6	705	447	230	28	5	18	18
Electricians	1 840	1 803	37	20	1 828	1 466	316	46	49	43	50
Masons and tile setters	721	637	84	17	715	301	364	78	8	23	44
Painters, construction and maintenance, and paperhangers	1 032	986	46	—	1 028	549	393	86	33	135	232
Plasterers and cement finishers	335	242	93	—	335	144	155	36	18	9	16
Plumbers and pipe fitters	1 788	1 738	50	—	1 772	1 354	334	84	41	62	95
Other construction craftsmen	598	585	3	—	592	253	300	39	5	45	45
Foremen, n.e.c.	4 574	4 405	158	37	4 571	4 125	412	34	138	231	114
Manufacturing	3 002	2 921	70	24	2 999	2 826	163	10	71	137	68
Nonmanufacturing industries	1 572	1 484	88	13	1 572	1 299	249	24	67	94	46
Linemen and servicemen, telephone and power	878	865	13	—	872	799	48	25	10	12	15
Locomotive engineers and firemen	130	119	11	—	130	102	28	—	14	33	7
Mechanics and repairmen	6 137	5 740	397	44	6 105	4 860	1 031	214	66	137	235
Air conditioning, heating, and refrigeration	1 391	1 379	12	—	1 391	338	48	5	17	—	11
Aircraft	373	367	6	—	373	303	65	5	—	—	7
Automobile, including body	2 365	2 117	248	15	2 360	1 746	508	106	13	35	110
Radio and television	302	298	4	—	302	271	31	—	5	5	30
Other mechanics and repairmen	2 706	2 579	127	29	2 679	2 202	379	98	31	97	77
Metal craftsmen, except mechanics	2 805	2 642	163	21	2 797	2 197	535	65	62	168	149
Machinists and job and die setters	1 150	1 098	52	13	1 145	982	133	30	31	54	67
Sheetmetal workers and tinsmiths	522	497	25	—	519	358	144	17	10	11	24
Toal and die makers	176	171	5	—	176	137	39	—	5	19	10
Other metal craftsmen	957	876	81	8	957	720	219	18	16	84	48
Printing craftsmen	599	582	17	9	599	515	64	20	5	13	17
Compositors and typesetters	271	264	7	—	271	236	29	6	—	5	12
Pressmen and plate printers, printing	248	238	10	—	248	204	35	9	—	8	—
Stationary engineers and power station operators	651	631	20	7	647	613	34	—	12	33	25
Other craftsmen and kindred workers	3 146	2 657	477	48	3 068	2 318	576	174	70	183	549

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 a sample, see text. For meaning of symbols, see text]

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

WILMINGTON, DEL.—N.J.—MD., SMSA—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Operatives, except transport	18 875	16 218	2 625	236	18 599	12 533	4 779	1 287	303	714	1 483
Assemblers.....	3 026	2 547	473	53	3 008	1 545	1 360	103	—	48	109
Checkers, examiners, and inspectors; manufacturing.....	1 164	1 072	92	22	1 161	858	299	4	14	47	41
Garage workers and gas station attendants.....	996	958	38	7	958	379	250	329	10	28	333
Laundry and drycleaning operatives, n.e.c.....	110	79	27	—	110	72	33	5	—	15	5
Meat cutters and butchers.....	361	351	10	7	356	336	11	9	10	28	43
Mine operatives, n.e.c.....	16	9	7	—	16	6	10	—	10	—	10
Packers and wrappers, except produce.....	507	432	75	10	496	340	97	59	—	6	56
Painters, manufactured articles.....	422	358	64	—	422	274	127	21	13	18	5
Precision machine operatives.....	441	373	68	—	441	327	91	23	4	15	27
Sawyers.....	54	54	—	—	54	38	16	—	—	—	—
Stationary firemen.....	331	283	48	—	326	254	61	11	30	22	38
Textile operatives.....	299	290	39	—	324	207	71	46	5	18	16
Welders and flamecutters.....	1 463	1 320	143	20	1 446	956	419	71	9	39	63
Other metalworking operatives.....	367	284	83	—	367	238	108	21	9	5	37
Other specified operatives.....	2 776	2 278	492	34	2 684	1 789	681	214	66	146	364
Miscellaneous and not specified operatives.....	6 512	5 530	966	83	6 430	4 914	1 145	371	123	279	336
Occupation:											
Machine operatives, miscellaneous specified.....	2 269	1 932	337	19	2 251	1 739	424	88	48	91	133
Machine operatives, not specified.....	2 496	2 108	388	36	2 453	1 977	340	136	35	72	81
Miscellaneous operatives.....	1 144	976	152	28	1 123	744	272	107	32	92	76
Not specified operatives.....	603	514	89	—	603	454	109	40	8	24	46
Industry:											
Manufacturing.....	5 849	4 989	844	75	5 779	4 420	1 049	310	110	250	286
Durable goods.....	1 606	1 360	246	24	1 575	1 106	375	94	24	62	75
Wood products, including furniture.....	50	44	6	—	46	19	23	4	3	6	—
Primary metal industries.....	314	244	70	—	307	234	47	26	—	4	10
Fabricated metal industries.....	125	118	7	17	116	93	23	—	5	—	16
Machinery, including electrical.....	169	150	19	—	158	102	41	15	11	10	12
Motor vehicles and equipment.....	269	240	29	—	269	147	117	5	5	6	—
Transportation equipment, except motor vehicles.....	111	101	10	—	111	83	28	—	—	10	—
Other durable goods.....	568	463	105	7	568	428	96	44	—	26	37
Nondurable goods.....	4 202	3 601	585	51	4 163	3 291	661	211	86	188	211
Food and kindred products.....	159	127	32	13	159	122	23	14	—	24	21
Apparel and other fabricated textile products.....	23	15	8	—	23	5	14	4	—	9	5
Paper and allied products.....	364	287	77	13	351	253	85	13	5	28	17
Chemicals and allied products.....	2 430	2 134	286	—	2 404	1 945	351	108	38	71	110
Other nondurable goods.....	1 226	1 038	182	25	1 226	966	188	72	43	56	58
Not specified manufacturing industries.....	41	28	13	—	41	23	13	5	—	—	—
Nonmanufacturing industries.....	663	541	122	8	651	494	96	61	13	29	50
Transportation, communications, and other public utilities.....	135	83	52	—	135	102	21	12	—	10	3
Wholesale and retail trade.....	262	239	23	8	255	174	50	31	5	3	24
All other industries.....	266	219	47	—	261	218	25	18	8	16	23
Transport equipment operatives.....	6 224	4 956	1 268	53	6 152	4 358	1 430	364	72	300	462
Bus drivers.....	303	252	51	—	303	140	114	49	10	35	30
Taxicab drivers and chauffeurs.....	315	273	42	—	311	214	78	19	—	11	23
Truck drivers and deliverymen.....	4 276	3 523	753	31	4 237	3 047	977	213	52	181	237
Other transport equipment operatives.....	1 330	908	422	22	1 301	957	261	83	10	73	172
Laborers, except farm.....	7 190	5 025	2 154	85	6 936	3 840	1 853	1 243	147	415	2 051
Construction laborers.....	1 540	908	632	26	1 505	611	627	267	29	106	383
Freight, stock, and material handlers.....	2 517	1 964	553	15	2 442	1 447	562	433	38	82	547
Other specified laborers.....	1 956	1 319	626	18	1 862	1 148	405	309	26	145	748
Miscellaneous and not specified laborers.....	1 177	834	343	26	1 127	634	259	234	54	82	373
Occupation:											
Miscellaneous laborers.....	318	213	105	7	310	216	58	36	25	32	32
Not specified laborers.....	859	621	238	19	817	418	201	198	29	50	341
Industry:											
Manufacturing.....	620	464	156	19	601	363	141	97	37	23	112
Durable goods.....	260	194	66	7	254	162	60	32	15	—	56
Wood products, including furniture.....	—	—	—	—	—	—	—	—	—	—	9
Metal industries.....	88	45	43	7	88	41	21	26	9	—	11
Machinery, including electrical.....	24	24	—	—	24	12	6	6	—	—	16
Transportation equipment.....	56	56	—	—	56	34	22	—	6	—	—
Other durable goods.....	92	69	23	—	86	75	11	—	—	—	20
Nondurable goods.....	351	266	85	7	338	197	76	65	22	23	56
Food and kindred products.....	30	9	21	—	30	18	12	—	—	4	13
Not specified manufacturing industries.....	9	4	5	5	9	4	5	—	—	—	—
Nonmanufacturing industries.....	557	370	187	7	526	271	118	137	17	59	261
Railroads and railway express service.....	48	24	24	—	48	43	5	—	3	21	14
Transportation, except railroads.....	26	20	6	—	26	22	4	—	—	5	17
Communications, and utilities and sanitary services.....	94	33	61	7	77	56	11	10	5	—	22
Wholesale and retail trade.....	202	161	41	—	188	78	30	80	—	23	84
All other industries.....	187	132	55	—	187	72	68	47	9	10	124
Farmers and farm managers.....	1 335	1 306	23	—	1 328	1 100	155	73	53	129	132
Farm laborers and farm foremen.....	1 170	871	287	45	1 142	729	241	172	33	93	390
Paid farm laborers and farm foremen.....	1 106	807	287	45	1 078	687	232	159	33	77	350
Unpaid family workers.....	64	64	—	—	64	42	9	13	—	16	40
Service workers, except private household ¹	9 138	7 145	1 912	119	8 910	5 902	1 575	1 433	249	718	2 080
Cleaning service workers.....	3 511	2 395	1 106	68	3 436	2 490	560	386	85	312	499
Food service workers.....	1 915	1 548	344	44	1 825	845	357	623	44	104	745
Cooks, except private household.....	764	591	162	37	734	403	163	168	28	14	153
Busboys and dishwashers.....	473	381	87	—	436	127	60	249	11	31	319
Health service workers.....	223	165	58	—	219	139	25	55	6	28	34
Personal service workers.....	800	713	77	—	777	517	140	120	28	64	366
Protective service workers.....	2 163	2 023	130	7	2 148	1 665	304	179	66	129	185
Firemen, fire protection.....	292	292	—	—	292	259	33	—	—	6	6
Guards and watchmen.....	1 011	913	88	7	996	682	164	150	52	109	149
Policemen and detectives.....	738	701	37	—	738	632	82	24	10	11	20
Private household workers.....	177	99	72	—	166	99	36	31	—	10	15
Unemployed persons, last worked 1959 or earlier ²	28	13	15	—	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately.

²See 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**

WILMINGTON, DEL.—N.J.—MD., SMSA—Continued

	Total experienced civilian labor force	White	Negro	Persons of Puerto Rican birth or parentage	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
Female, 16 years old and over	72 972	62 574	10 130	574	69 711	37 570	19 784	12 357	6 781	16 811	19 614
Professional, technical, and kindred workers	12 378	11 229	1 034	150	12 068	4 982	5 082	2 004	997	2 277	2 841
Accountants	368	356	12	—	363	276	45	42	24	60	77
Computer specialists	205	190	11	—	199	152	42	5	—	9	25
Librarians	304	282	17	—	304	123	144	37	12	52	49
Mathematical specialists	19	19	—	—	19	15	4	—	—	5	13
Life and physical scientists	203	176	23	—	203	190	5	8	21	41	11
Registered nurses, dietitians, and therapists	2 480	2 263	208	14	2 391	1 281	723	387	243	531	447
Dietitians	102	75	27	—	97	63	32	2	—	19	22
Registered nurses	2 290	2 104	177	14	2 210	1 179	666	365	224	493	405
Health technologists and technicians	427	352	54	—	422	285	81	56	52	73	99
Social scientists	35	35	—	—	35	19	10	6	—	9	11
Social and recreation workers	418	355	63	—	404	240	116	48	32	71	205
Teachers: College and university	406	389	17	30	406	117	183	106	—	25	57
Elementary and prekindergarten	3 169	2 866	293	50	3 095	535	1 937	623	252	667	745
Secondary	1 424	1 315	103	39	1 413	241	882	290	105	210	298
Other teachers	337	328	11	—	329	84	171	74	21	101	95
Engineering and science technicians	665	608	51	11	665	433	163	69	41	113	127
Technicians, except health, and engineering and science	33	33	—	—	33	24	9	—	5	5	5
Writers, artists, and entertainers	468	468	—	—	448	186	136	126	34	86	143
Actors and dancers	9	9	—	—	9	—	—	—	—	6	11
Authors, editors, and reporters	139	139	—	—	134	65	43	26	14	13	19
Other professional, technical, and kindred workers	1 415	1 194	171	—	1 339	781	431	127	155	219	434
Managers and administrators, except farm	2 156	2 081	75	13	2 104	1 553	407	144	135	366	297
Buyers, purchasing agents, and sales managers	345	345	—	8	337	278	46	13	21	81	39
Restaurant, cafeteria, and bar managers	249	232	17	—	249	166	83	—	15	46	42
School administrators	136	118	18	—	133	68	49	16	9	9	4
Other specified managers and administrators	534	509	25	—	508	388	80	40	18	88	76
Managers and administrators, n.e.c., salaried	695	684	11	—	686	520	114	52	48	99	84
Wholesale and retail trade	291	286	5	—	286	229	48	9	14	42	29
Managers and administrators, n.e.c., self-employed	197	193	4	—	191	133	35	23	24	43	32
Wholesale and retail trade	123	119	4	—	117	85	19	13	11	24	52
Sales workers	5 588	5 354	230	47	5 290	2 541	1 432	1 317	651	1 889	2 455
Demonstrators, hucksters, and peddlers	244	247	17	—	223	78	99	46	20	100	147
Insurance, real estate agents, and brokers	253	249	4	—	249	146	33	70	8	41	40
Sales clerks, retail trade	4 162	3 998	160	36	3 973	1 870	1 083	1 020	532	1 451	1 822
Salesmen, retail trade	178	159	19	—	173	108	47	18	34	25	34
Other sales workers	731	701	30	—	672	339	170	163	57	266	412
Clerical and kindred workers	26 961	25 172	1 736	162	26 071	17 090	5 177	3 804	2 893	6 107	6 304
Bank tellers	575	566	4	—	570	417	83	70	41	82	103
Bookkeepers	2 412	2 365	47	14	2 383	1 808	367	208	241	423	356
Cashiers	1 961	1 844	117	13	1 878	914	499	465	153	495	721
Counter clerks, except food	424	410	14	—	407	209	118	80	22	78	112
Enumerators and interviewers	81	68	13	—	71	27	33	11	16	67	41
File clerks	767	688	79	—	719	374	165	180	148	198	240
Office machine operators	1 083	1 015	64	—	1 048	766	273	109	144	218	244
Bookkeeping and billing machine operators	151	145	6	—	151	112	24	16	30	32	22
Keypunch operators	700	671	29	—	688	474	144	70	76	141	163
Payroll and timekeeping clerks	191	191	—	—	181	150	25	9	25	52	46
Receptionists	639	603	30	—	613	424	92	97	56	137	182
Secretaries	8 031	7 757	255	59	7 879	5 655	1 538	686	791	1 832	1 324
Stenographers	658	618	40	—	640	442	113	85	69	152	77
Telephone operators	771	730	41	—	747	468	175	104	174	202	179
Typists	2 611	2 371	240	19	2 356	1 642	435	479	376	735	628
Other clerical and kindred workers	6 757	5 946	792	35	6 379	3 794	1 364	1 221	637	1 436	2 051
Craftsmen and kindred workers	874	801	56	—	847	564	213	70	118	179	176
Foremen, n.e.c.	224	206	18	—	218	168	50	—	27	32	36
Operatives, except transport	7 692	6 000	1 652	100	7 279	3 696	2 387	1 196	842	2 166	2 200
Assemblers	830	701	118	22	770	311	340	119	49	140	208
Bottling and canning operatives	83	61	22	—	83	20	47	16	20	20	46
Checkers, examiners, and inspectors; manufacturing	1 076	809	267	—	1 061	609	338	114	143	192	270
Dressmakers and seamstresses, except factory	274	248	16	26	252	115	77	60	12	83	53
Laundry and drycleaning operatives, including ironers	522	261	257	7	501	282	109	110	56	121	78
Graders and sorters, manufacturing	51	32	19	5	51	14	21	16	4	11	78
Packers and wrappers, except produce	771	669	102	5	766	358	225	183	79	292	282
Sewers and stitchers	1 081	945	125	—	1 041	520	433	88	121	315	324
Textile operatives	270	255	15	—	265	159	64	42	40	81	73
Other specified operatives	1 270	889	377	15	1 139	574	342	223	130	400	398
Miscellaneous and not specified operatives	1 444	1 130	314	15	1 350	734	391	225	188	511	390
Manufacturing	1 313	1 040	273	15	1 225	657	371	197	162	468	307
Durable goods	468	394	74	—	428	235	124	69	42	122	109
Machinery, including electrical	232	209	23	—	214	104	55	55	10	36	58
Other durable goods	236	185	51	—	214	131	69	14	32	86	51
Nondurable goods, including not specified manufacturing	845	646	199	7	797	422	247	128	120	346	198
Food and kindred products	241	105	136	7	220	74	105	41	21	78	57
Apparel and other fabricated textile products	90	68	22	—	79	41	38	—	4	41	20
Nonmanufacturing industries	131	90	41	—	125	77	20	28	26	43	83
Transport equipment operatives	471	455	16	—	421	123	203	95	19	34	65
Laborers, except farm	521	377	144	6	498	246	165	87	24	110	132
Farmers and farm managers	115	103	12	—	115	85	—	—	30	16	21
Farm laborers and farm foremen	154	130	24	5	135	54	17	64	31	65	206
Paid farm laborers and farm foremen	77	53	24	5	68	4	10	54	19	55	158
Unpaid family workers	77	77	—	—	67	50	7	10	12	10	48
Service workers, except private household¹	12 711	9 715	2 961	85	11 885	5 239	3 812	2 834	901	3 002	4 215
Cleaning service workers	1 638	954	684	28	1 525	920	321	284	109	374	399
Chambermaids and maids	398	233	165	13	371	222	92	57	29	91	126
Food service workers	5 486	4 852	610	24	5 216	1 911	1 857	1 448	465	1 493	2 204
Cooks, except private household	1 037	810	227	6	1 008	390	436	182	94	237	204
Waiters and food counter workers	3 398	3 183	196	—	3 180	1 169	1 053	958	295	970	1 709
Health service workers	2 348	1 516	824	13	2 250	1 226	583	441	124	416	506
Nursing aides, orderlies, and attendants	1 324	650	674	7	1 253	688	324	241	55	249	274
Practical nurses	608	499	109	6	598	332	162	104	41	99	106
Personal service workers	1 768	1 472	296	20	1 638	634	661	343	105	493	553
Hairdressers and cosmetologists	758	707	51	—	710	302	303	105	68	272	195
Private household workers	3 157	1 024	2 129	6	2 998	1 397	889	712	154	595	762
Private household workers, living in	173	134	39	—	155	127	17	11	6	4	—
Private household workers, living out	2 984	890	2 090	6	2 843	1 270	872	701	148	591	702
Unemployed persons, last worked 1959 or earlier ²	194	133	61	—	—	—	—	—	—	—	—

¹Includes protective service workers and allocated cases not shown separately. ²See 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	1 787 048	1 430 693	219 527	71 800	36 081	111 646	134 667	2 161
Professional, technical, and kindred workers	295 037	202 585	61 563	15 294	12 171	34 098	30 757	132
Accountants	25 795	20 123	2 726	1 474	917	335	2 940	6
Architects	1 858	1 086	129	75	35	19	643	-
Computer specialists	11 150	10 389	699	474	165	60	56	6
Engineers	59 398	50 773	7 280	5 291	1 149	840	1 345	-
Aeronautical and astronautical	794	669	120	116	4	-	5	-
Civil	6 193	4 380	1 495	286	672	537	318	-
Electrical and electronic	17 090	15 020	1 931	1 762	100	69	139	-
Mechanical	8 998	7 462	1 428	1 292	62	74	108	-
Other engineers	26 323	23 242	2 306	1 835	311	160	775	-
Lawyers and judges	10 882	3 311	1 364	406	423	535	6 207	-
Life and physical scientists	11 551	10 299	1 097	803	179	115	155	-
Chemists	8 909	8 462	342	263	34	45	105	-
Physicians, dentists, and related practitioners	19 055	5 863	1 088	308	486	294	12 093	11
Dentists	3 827	353	91	31	36	24	3 383	-
Pharmacists	3 342	2 546	86	20	50	16	699	11
Physicians, medical and osteopathic	10 195	2 718	873	257	372	244	6 604	-
Other related practitioners	1 691	246	38	-	28	10	1 407	-
Health technologists and technicians	1 953	1 439	408	85	163	160	94	12
Religious workers	5 648	4 962	90	17	37	36	596	-
Social scientists	4 780	3 844	709	172	182	355	227	-
Social and recreation workers	3 736	802	2 915	180	759	1 976	19	-
Teachers	40 514	10 120	29 607	521	4 282	24 804	787	-
College and university	8 048	3 924	4 124	55	3 109	960	-	-
Elementary and prekindergarten	9 095	1 343	7 748	46	386	7 316	4	-
Secondary	20 409	3 864	17 023	104	605	16 314	-	-
Engineering and science technicians	32 924	29 688	2 922	2 021	535	366	314	-
Draftsmen and surveyors	13 517	12 320	957	455	234	268	240	-
Electrical and electronic engineering technicians	6 205	5 178	1 009	914	79	16	18	-
Technicians, except health, and engineering and science	4 711	3 459	1 177	731	106	340	75	-
Airplane pilots	2 331	2 164	125	114	6	5	42	-
Writers, artists, and entertainers	22 644	18 199	1 022	607	185	230	3 383	40
Other professional, technical, and kindred workers	38 438	28 228	8 330	2 129	2 568	3 630	1 823	57
Managers and administrators, except farm	218 710	175 161	20 258	7 017	4 437	8 804	23 011	280
Buyers, purchasing agents, and sales managers	31 752	29 635	775	454	187	134	1 313	29
School administrators	4 959	1 032	3 900	13	500	3 382	27	-
Specified managers and administrators, public administration	10 524	-	10 524	5 218	2 421	2 885	-	-
Other specified managers and administrators	39 435	33 007	1 973	630	503	840	4 369	85
Managers and administrators, n.e.c., salaried	114 573	111 487	3 086	702	826	1 558	-	-
Manufacturing	40 894	40 560	334	296	17	21	-	-
Wholesale and retail trade	28 932	28 797	135	95	20	20	-	-
Transportation, communications and other public utilities	11 155	10 604	551	53	95	403	-	-
All other industries	33 592	31 526	2 066	258	694	1 114	-	-
Managers and administrators, n.e.c., self-employed	17 467	-	-	-	-	-	17 302	165
Construction	3 202	-	-	-	-	-	3 193	9
Manufacturing	1 775	-	-	-	-	-	1 730	45
Wholesale and retail trade	8 730	-	-	-	-	-	8 670	60
All other industries	3 760	-	-	-	-	-	3 709	51
Sales workers	137 522	119 457	950	408	173	369	16 823	292
Insurance agents, brokers, and underwriters	15 794	13 790	89	39	24	26	1 905	10
Real estate agents and brokers	6 161	4 325	40	5	23	12	1 791	5
Sales representatives, manufacturing industries	21 415	20 641	41	11	5	25	726	7
Sales representatives, wholesale trade	22 010	19 451	66	15	-	51	2 474	19
Sales clerks, retail trade	32 739	26 704	174	80	32	62	5 675	186
Salesmen, retail trade	13 673	12 032	52	33	-	19	1 568	21
Salesmen of services and construction	7 018	6 341	141	73	22	46	520	16
Other sales workers	18 712	16 173	347	152	67	128	2 164	28
Clerical and kindred workers	159 568	122 540	34 817	26 131	3 586	5 100	2 082	129
Bank tellers and cashiers	7 585	6 552	890	104	598	188	127	16
Bookkeepers and billing clerks	14 474	12 753	1 150	469	266	415	546	25
Mail handlers and postal clerks	21 610	2 884	16 698	18 538	94	66	28	-
Other clerical and kindred workers	115 899	100 351	14 079	7 020	2 628	4 431	1 381	88
Craftsman and kindred workers	375 412	319 098	23 935	9 795	4 411	9 729	32 120	259
Apparel craftsmen and upholsterers	4 344	3 379	84	33	26	25	883	-
Bakers	4 515	3 822	123	71	32	20	560	10
Cabinetmakers	2 157	1 658	23	17	6	-	463	13
Construction craftsmen	96 638	74 774	6 691	2 320	1 210	3 161	15 089	84
Carpenters	26 818	19 996	1 342	532	228	582	5 448	32
Excavating, grading, and road machine operators	6 768	4 974	1 241	90	244	907	553	-
Electricians	18 073	15 371	1 506	744	326	436	1 196	-
Masons and tile setters	8 767	7 136	208	37	28	148	1 418	5
Painters, construction and maintenance, and paperhangers	10 961	6 271	1 087	281	192	614	3 567	36
Plasterers and cement finishers	2 303	1 947	118	27	44	47	238	-
Plumbers and pipe fitters	16 360	13 488	1 065	566	121	378	1 796	11
Other construction craftsmen	6 588	5 591	124	43	29	52	873	-
Foremen, n.e.c.	58 366	53 962	3 745	1 260	911	1 574	644	15
Manufacturing	36 701	35 953	544	442	18	84	199	5
Nonmanufacturing industries	21 665	18 009	3 201	818	893	1 490	445	10
Linemen and servicemen, telephone and power	14 869	14 597	239	122	53	64	33	-
Locomotive engineers and firemen	1 323	1 258	65	22	21	22	-	-
Mechanics and repairmen	85 907	72 537	5 543	2 587	777	2 179	7 771	56
Air conditioning, heating, and refrigeration	5 349	4 420	242	171	58	13	687	-
Aircraft	2 095	1 484	588	552	24	12	23	-
Automobile, including body	32 838	26 452	1 729	567	286	876	4 616	41
Radio and television	4 477	3 101	416	334	36	46	960	-
Other mechanics and repairmen	41 148	37 080	2 568	963	373	1 232	1 485	15
Metal craftsmen, except mechanics	39 345	36 699	1 890	1 552	150	188	751	5
Machinists and job and die setters	17 319	16 317	700	551	55	94	302	-
Sheetmetal workers and tinsmiths	5 729	5 202	426	357	60	9	101	-
Tool and die makers	8 250	7 834	268	233	10	25	148	-
Other metal craftsmen	8 047	7 346	496	411	25	60	200	5
Printing craftsmen	16 034	15 237	322	134	85	103	471	4
Compositors and typesetters	6 608	6 258	136	69	19	48	214	-
Pressmen and plate printers, printing	6 903	6 555	1 508	48	66	44	186	4
Stationary engineers and power station operators	6 855	5 283	1 539	336	251	952	22	11
Other craftsmen and kindred workers	45 057	35 892	3 671	1 341	889	1 441	5 433	61

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

THE STATE—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	232 878	220 345	6 538	3 104	936	2 498	5 760	235
Assemblers	15 687	15 297	256	152	29	75	128	6
Checkers, examiners, and inspectors; manufacturing	15 590	14 820	723	547	92	84	47	—
Garage workers and gas station attendants	10 287	9 085	111	31	19	61	1 017	74
Laundry and drycleaning operatives, n.e.c.	2 219	1 563	114	25	33	56	516	26
Meat cutters and butchers	8 877	7 621	149	79	28	42	1 075	32
Mine operatives, n.e.c.	574	548	7	—	7	—	19	—
Packers and wrappers, except produce	10 741	10 405	287	172	24	91	49	—
Painters, manufactured articles	3 508	3 367	76	61	10	5	65	—
Precision machine operatives	12 348	12 010	154	95	4	55	184	—
Sawyers	888	860	9	9	—	—	19	—
Stationary firemen	4 364	3 481	868	164	99	605	15	—
Textile operatives	5 263	5 168	51	5	22	24	44	—
Welders and flamecutters	12 042	11 150	514	366	25	123	367	11
Other metalworking operatives	8 913	8 662	144	72	30	42	107	—
Other specified operatives	46 384	43 701	1 285	569	238	478	1 336	62
Miscellaneous and not specified operatives	75 193	72 607	1 790	757	276	757	772	24
Occupation:								
Machine operatives, miscellaneous specified	28 450	27 675	557	293	72	192	218	—
Machine operatives, not specified	23 194	22 673	421	200	65	156	100	—
Miscellaneous operatives	15 671	14 701	620	180	121	319	331	19
Not specified operatives	7 878	7 558	192	84	18	90	123	5
Industry:								
Manufacturing	66 793	65 517	871	465	121	285	405	—
Durable goods	31 278	30 444	617	388	67	162	217	—
Wood products, including furniture	1 160	1 140	6	—	—	6	14	—
Primary metal industries	4 761	4 663	95	49	20	26	3	—
Fabricated metal industries	4 938	4 822	58	27	5	26	58	—
Machinery, including electrical	9 425	9 182	186	77	29	80	57	—
Motor vehicles and equipment	935	925	6	—	—	6	4	—
Transportation equipment, except motor vehicles	703	648	46	46	—	—	9	—
Other durable goods	9 356	9 064	220	189	13	18	72	—
Nondurable goods	34 733	34 303	242	77	47	118	188	—
Food and kindred products	4 467	4 431	4	4	—	—	32	—
Apparel and other fabricated textile products	1 348	1 275	14	3	—	11	59	—
Paper and allied products	4 757	4 694	49	5	4	40	14	—
Chemicals and allied products	14 166	14 024	115	46	25	44	27	—
Other nondurable goods	9 995	9 879	60	19	18	23	56	—
Not specified manufacturing industries	782	770	12	—	7	5	—	—
Nonmanufacturing industries	8 400	7 090	919	292	155	472	367	24
Transportation, communications, and other public utilities	1 983	1 704	269	11	19	239	6	4
Wholesale and retail trade	3 130	2 906	15	4	—	11	189	20
All other industries	3 287	2 480	635	277	136	222	172	—
Transport equipment operatives	105 379	92 286	7 078	1 813	1 159	4 106	5 891	124
Bus drivers	7 880	6 413	1 214	115	121	978	247	6
Taxicab drivers and chauffeurs	4 585	3 560	305	114	61	130	720	—
Truck drivers and deliverymen	72 532	63 734	4 272	960	813	2 499	4 439	87
Other transport equipment operatives	20 382	18 579	1 287	624	164	499	485	31
Laborers, except farm	100 706	85 119	12 399	3 698	1 621	7 080	3 080	108
Construction laborers	17 249	14 169	3 025	133	708	2 184	39	16
Freight, stock, and material handlers	46 496	41 674	4 236	2 633	179	1 424	548	38
Other specified laborers	23 894	18 471	3 307	627	631	2 049	2 078	38
Miscellaneous and not specified laborers	13 067	10 805	1 831	305	103	1 423	415	16
Occupation:								
Miscellaneous laborers	3 644	2 526	845	91	12	742	267	6
Not specified laborers	9 423	8 279	986	214	91	681	148	10
Industry:								
Manufacturing	6 247	6 040	171	98	11	62	36	—
Durable goods	3 475	3 345	125	87	3	35	5	—
Wood products, including furniture	152	139	13	—	—	13	—	—
Metal industries	1 490	1 455	35	17	3	15	—	—
Machinery, including electrical	697	692	5	5	—	—	—	—
Transportation equipment	173	151	22	22	—	—	—	—
Other durable goods	963	908	50	43	—	7	5	—
Nondurable goods	2 590	2 517	46	11	8	27	27	—
Food and kindred products	619	595	15	—	8	7	9	—
Not specified manufacturing industries	182	178	—	—	—	—	4	—
Nonmanufacturing industries	6 820	4 765	1 660	207	92	1 361	379	16
Railroads and railway express service	462	457	5	5	—	—	—	—
Transportation, except railroads	517	435	53	4	5	44	29	—
Communications, and utilities and sanitary services	1 235	333	896	16	16	864	6	—
Wholesale and retail trade	2 070	1 855	9	5	—	4	195	11
All other industries	2 536	1 685	697	177	71	449	149	5
Farmers and farm managers	6 397	1 025	41	21	4	16	5 331	—
Farm laborers and farm foremen	6 566	5 751	282	43	155	84	129	404
Paid farm laborers and farm foremen	6 162	5 751	282	43	155	84	129	—
Unpaid family workers	404	—	—	—	—	—	—	404
Service workers, except private household¹	147 987	86 495	51 666	4 476	7 428	39 762	9 628	198
Cleaning service workers	42 987	29 103	12 722	1 381	1 769	9 572	1 133	29
Food service workers	33 116	28 357	1 599	473	611	515	3 018	142
Cooks, except private household	11 538	9 606	650	199	259	192	1 240	42
Busboys and dishwashers	5 350	5 108	227	91	58	78	15	—
Health service workers	3 087	1 533	1 531	244	819	468	23	—
Personal service workers	14 106	8 378	873	113	305	455	4 850	5
Protective service workers	42 418	10 182	32 146	1 906	3 515	26 725	90	—
Firemen, fire protection	7 626	130	7 496	295	48	7 153	—	—
Guards and watchmen	12 733	9 148	3 544	583	1 279	1 682	41	—
Policemen and detectives	19 271	724	18 498	990	1 961	15 547	49	—
Private household workers	886	831	—	—	—	—	55	—

¹Includes 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

THE STATE—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	1 071 919	861 877	175 760	25 404	30 764	119 592	26 520	7 822
Professional, technical, and kindred workers	164 312	79 844	78 201	3 439	8 608	66 154	5 847	420
Accountants	4 369	3 510	673	426	121	126	156	30
Computer specialists	2 384	2 239	137	61	52	24	4	4
Librarians	3 577	953	2 608	55	174	2 379	16	16
Mathematical specialists	561	502	55	28	17	10	4	—
Life and physical scientists	1 793	1 547	226	62	90	74	20	—
Registered nurses, dietitians, and therapists	32 863	24 580	6 911	642	1 398	4 871	1 254	118
Dietitians	1 024	770	54	239	61	124	15	—
Registered nurses	30 293	23 062	5 959	560	1 170	4 229	1 154	118
Health technologists and technicians	5 738	4 869	844	112	327	405	15	10
Social scientists	843	429	340	53	70	217	68	6
Social and recreation workers	5 119	1 498	3 579	251	1 096	2 232	28	14
Teachers: College and university	3 038	1 342	1 696	28	1 161	507	—	—
Elementary and prekindergarten	48 782	11 401	37 273	318	1 619	35 336	85	23
Secondary	18 198	3 351	14 847	77	556	14 214	—	—
Other teachers	3 886	1 641	709	82	190	437	1 519	17
Engineering and science technicians	4 438	4 129	281	132	102	47	28	—
Technicians, except health, and engineering and science	581	231	337	84	37	216	13	—
Writers, artists, and entertainers	8 297	6 474	441	174	91	176	1 315	67
Actors and dancers	174	114	20	6	9	5	40	—
Authors, editors, and reporters	2 696	2 293	123	85	21	17	280	—
Other professional, technical, and kindred workers	19 845	11 148	7 244	854	1 507	4 883	1 338	115
Managers and administrators, except farm	32 745	23 845	4 668	1 080	810	2 778	3 700	532
Buyers, purchasing agents, and sales managers	5 822	5 190	253	154	17	82	314	65
Restaurant, cafeteria, and bar managers	2 485	1 267	398	22	31	345	719	101
School administrators	1 745	834	871	18	150	703	40	—
Other specified managers and administrators	7 528	4 716	2 386	757	420	1 209	380	46
Managers and administrators, n.e.c., salaried	12 598	11 838	780	129	192	439	—	—
Wholesale and retail trade	3 685	3 648	37	26	11	—	—	—
Managers and administrators, n.e.c., self-employed	2 567	—	—	—	—	—	2 247	320
Wholesale and retail trade	1 574	—	—	—	—	—	1 418	156
Sales workers	81 245	74 270	656	246	73	337	4 827	1 492
Demonstrators, hucksters, and peddlers	1 680	1 392	—	—	—	—	284	4
Insurance, real estate agents, and brokers	5 444	4 685	22	19	—	3	692	45
Sales clerks, retail trade	58 326	53 885	332	168	18	146	2 950	1 159
Salesmen, retail trade	1 991	1 720	—	—	—	—	156	115
Other sales workers	13 804	12 588	302	59	55	188	745	169
Clerical and kindred workers	417 992	351 178	60 968	16 869	14 116	29 983	2 718	3 128
Bank tellers	8 565	8 008	553	394	84	75	4	—
Bookkeepers	48 373	42 770	3 725	811	890	2 024	770	1 108
Cashiers	24 617	22 882	1 275	150	135	990	260	200
Counter clerks, except food	5 481	5 152	139	37	24	78	94	96
Enumerators and interviewers	696	336	360	334	—	26	—	—
File clerks	14 502	12 707	1 763	467	722	574	24	8
Office machine operators	18 824	16 955	1 830	573	614	643	24	15
Bookkeeping and billing machine operators	2 948	2 525	414	74	74	266	—	9
Keypunch operators	11 149	10 203	920	366	366	188	20	6
Payroll and timekeeping clerks	5 129	4 451	667	225	98	344	11	—
Receptionists	9 348	8 286	910	195	309	406	31	121
Secretaries	117 137	99 389	16 365	3 285	3 815	9 265	483	900
Stenographers	4 092	2 107	1 924	354	787	783	61	—
Telephone operators	16 362	15 338	968	176	269	523	32	24
Typists	46 934	36 431	10 060	2 644	2 679	4 737	310	133
Other clerical and kindred workers	97 932	76 366	20 429	7 224	3 690	9 515	614	523
Craftsmen and kindred workers	16 430	14 730	782	269	163	350	750	168
Foremen, n.e.c.	5 879	5 504	305	105	96	104	59	11
Operatives, except transport	186 184	180 323	3 723	1 589	741	1 393	1 747	391
Assemblers	21 017	20 536	421	223	68	130	24	36
Bottling and canning operatives	558	545	—	—	—	—	2	11
Checkers, examiners, and inspectors, manufacturing	17 243	16 894	318	181	65	72	22	9
Dressmakers and seamstresses, except factory	2 760	1 888	136	69	19	48	714	22
Laundry and drycleaning operatives, including ironers	7 009	6 417	381	113	76	192	142	69
Graders and sorters, manufacturing	642	632	10	—	—	10	—	—
Packers and wrappers, except produce	23 207	22 905	238	74	30	134	31	33
Sewers and stitchers	39 751	39 020	394	98	64	232	287	50
Textile operatives	3 081	3 022	37	22	11	4	22	—
Other specified operatives	34 194	32 818	858	357	228	273	386	132
Miscellaneous and not specified operatives	36 722	35 646	930	452	180	298	117	29
Manufacturing	34 149	33 412	638	303	109	226	81	18
Durable goods	17 561	17 086	433	236	76	121	42	—
Machinery, including electrical	8 866	8 661	200	83	41	76	5	—
Other durable goods	8 695	8 425	233	153	35	45	37	—
Nondurable goods, including not specified manufacturing	16 588	16 326	205	67	33	105	39	18
Food and kindred products	1 649	1 595	30	5	—	25	18	6
Apparel and other fabricated textile products	4 362	4 297	65	31	11	13	6	4
Nonmanufacturing industries	2 573	2 234	292	149	71	72	36	11
Transport equipment operatives	5 518	3 871	1 439	26	80	1 333	163	45
Laborers, except farm	8 154	7 243	499	182	65	252	284	128
Farmers and farm managers	1 026	112	33	16	—	17	881	—
Farm laborers and farm foremen	1 606	1 130	33	7	3	23	10	433
Paid farm laborers and farm foremen	1 173	1 130	33	7	3	23	10	—
Unpaid family workers	433	—	—	—	—	—	—	433
Service workers, except private household¹	131 487	100 192	24 739	1 676	6 105	16 958	5 484	1 072
Cleaning service workers	14 071	11 037	2 819	272	640	1 907	130	85
Chambermaids and maids	3 475	3 067	337	36	96	205	21	50
Food service workers	49 355	40 937	6 517	493	1 022	5 002	1 201	700
Cooks, except private household	6 939	4 465	1 774	110	224	1 440	477	223
Waiters and food counter workers	32 958	30 457	1 729	193	333	1 203	428	344
Health service workers	29 179	22 501	6 189	472	2 881	2 836	406	83
Nursing aides, orderlies, and attendants	15 763	11 193	4 484	301	2 316	1 867	70	16
Practical nurses	6 214	4 643	1 235	85	409	741	336	—
Personal service workers	20 969	14 456	3 019	202	1 046	1 771	3 372	122
Hairdressers and cosmetologists	11 798	8 887	97	10	28	59	2 750	64
Private household workers	25 220	25 079	19	5	—	14	109	13
Private household workers, living in	3 169	3 169	—	—	—	—	—	—
Private household workers, living out	22 051	21 910	19	5	—	14	109	13

¹Includes 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

THE STATE—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	145 807	116 795	23 397	8 659	4 379	10 359	5 579	36
Professional, technical, and kindred workers	9 690	5 552	3 619	732	910	1 977	519	—
Accountants	472	334	123	60	35	28	15	—
Architects	34	24	—	—	—	—	10	—
Computer specialists	349	324	25	25	—	—	—	—
Engineers	714	513	195	112	40	43	6	—
Aeronautical and astronautical	9	—	—	—	—	—	—	—
Civil	106	75	31	9	15	7	—	—
Electrical and electronic	199	156	43	39	—	4	—	—
Mechanical	115	67	48	24	13	11	—	—
Other engineers	285	206	73	40	12	21	6	—
Lawyers and judges	85	22	49	18	6	25	14	—
Life and physical scientists	507	425	82	77	5	—	—	—
Chemists	388	343	45	45	—	—	—	—
Physicians, dentists, and related practitioners	373	96	51	6	27	18	226	—
Dentists	108	11	10	6	4	—	87	—
Pharmacists	57	48	—	—	—	—	9	—
Physicians, medical and osteopathic	202	37	35	—	17	18	130	—
Other related practitioners	6	—	6	—	6	—	—	—
Health technologists and technicians	223	174	38	22	7	9	11	—
Religious workers	386	327	20	—	8	12	39	—
Social scientists	66	48	18	—	14	4	—	—
Social and recreation workers	622	100	516	53	156	307	6	—
Teachers	1 617	251	1 366	56	288	1 022	—	—
College and university	177	38	139	3	118	18	—	—
Elementary and prekindergarten	628	92	536	18	88	430	—	—
Secondary	661	59	602	6	39	557	—	—
Engineering and science technicians	1 279	1 181	98	64	28	6	—	—
Draftsmen and surveyors	393	368	25	14	11	—	—	—
Electrical and electronic engineering technicians	286	247	39	33	6	—	—	—
Technicians, except health, and engineering and science	87	25	62	52	10	—	—	—
Airplane pilots	7	7	—	—	—	—	—	—
Writers, artists, and entertainers	581	453	62	23	16	23	66	—
Other professional, technical, and kindred workers	2 295	1 255	914	164	270	480	126	—
Managers and administrators, except farm	4 630	3 001	1 014	378	230	406	615	—
Buyers, purchasing agents, and sales managers	346	298	38	38	—	—	10	—
School administrators	243	69	174	—	42	132	—	—
Specified managers and administrators, public administration	436	—	436	241	95	100	—	—
Other specified managers and administrators	1 242	972	136	23	41	72	134	—
Managers and administrators, n.e.c., salaried	1 892	1 662	230	76	52	102	—	—
Manufacturing	310	291	19	19	—	—	—	—
Wholesale and retail trade	627	613	14	4	10	—	—	—
Transportation, communications and other public utilities	132	127	5	—	5	—	—	—
All other industries	823	631	192	53	37	102	—	—
Managers and administrators, n.e.c., self-employed	471	—	—	—	—	—	471	—
Construction	120	—	—	—	—	—	120	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	215	—	—	—	—	—	215	—
All other industries	136	—	—	—	—	—	136	—
Sales workers	3 791	3 403	66	30	12	24	322	—
Insurance agents, brokers, and underwriters	472	460	5	—	5	—	7	—
Real estate agents and brokers	129	91	—	—	—	—	38	—
Sales representatives, manufacturing industries	262	262	—	—	—	—	—	—
Sales representatives, wholesale trade	372	337	13	—	—	13	22	—
Sales clerks, retail trade	1 414	1 218	25	19	—	6	171	—
Salesmen, retail trade	282	262	—	—	—	—	20	—
Salesmen of services and construction	131	108	18	11	7	—	5	—
Other sales workers	729	665	5	—	—	5	59	—
Clerical and kindred workers	12 471	8 131	4 278	3 344	398	536	62	—
Bank tellers and cashiers	548	472	72	4	49	19	4	—
Bookkeepers and billing clerks	516	415	84	33	20	31	17	—
Mail handlers and postal clerks	2 577	271	2 306	2 285	—	21	—	—
Other clerical and kindred workers	8 830	6 973	1 816	1 022	329	465	41	—
Craftsmen and kindred workers	23 149	19 283	2 226	921	405	900	1 626	14
Apparel craftsmen and upholsterers	251	199	26	4	6	16	26	—
Bakers	349	314	35	18	12	5	—	—
Cabinetmakers	80	63	—	—	—	—	17	—
Construction craftsmen	5 116	3 799	512	173	73	266	797	8
Carpenters	1 080	787	86	39	15	32	207	—
Excavating, grading, and road machine operators	531	384	132	15	31	86	15	—
Electricians	498	384	10	77	25	37	37	—
Masons and tile setters	1 082	892	39	5	4	30	151	—
Painters, construction and maintenance, and paperhangers	924	543	95	30	—	65	278	8
Plasterers and cement finishers	354	318	22	7	5	14	14	—
Plumbers and pipe fitters	500	373	61	35	8	18	66	—
Other construction craftsmen	147	118	—	—	—	—	29	—
Foremen, n.e.c.	2 821	2 577	244	75	61	108	—	—
Manufacturing	1 629	1 613	16	16	—	—	—	—
Nonmanufacturing industries	1 192	964	228	59	61	108	—	—
Linemen and servicemen, telephone and power	590	549	41	24	8	9	—	—
Locomotive engineers and firemen	26	17	9	—	—	—	—	—
Mechanics and repairmen	5 646	4 800	531	285	67	179	315	—
Air conditioning, heating, and refrigeration	261	227	6	6	—	—	28	—
Aircraft	86	67	19	19	—	—	—	—
Automobile, including body	3 081	2 645	215	100	41	74	221	—
Radio and television	234	145	41	36	5	—	48	—
Other mechanics and repairmen	1 984	1 716	250	124	21	105	18	—
Metal craftsmen, except mechanics	1 937	1 808	110	48	41	21	19	—
Machinists and job and die setters	1 059	998	47	26	9	12	14	—
Sheetmetal workers and tinsmiths	93	67	26	8	14	4	—	—
Tool and die makers	183	173	5	—	—	—	5	—
Other metal craftsmen	602	570	32	14	13	5	—	—
Printing craftsmen	748	701	33	11	5	17	14	—
Compositors and typesetters	352	338	5	—	—	—	9	—
Pressmen and plate printers, printing	360	330	25	8	5	12	5	—
Stationary engineers and power station operators	317	195	122	37	35	50	—	—
Other craftsmen and kindred workers	5 268	4 261	563	246	97	220	438	6

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

THE STATE—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	33 438	31 862	1 299	497	239	563	269	8
Assemblers.....	2 284	2 224	47	34	—	13	15	—
Checkers, examiners, and inspectors, manufacturing.....	1 345	1 298	67	5	31	31	—	—
Garage workers and gas station attendants.....	730	645	40	17	—	23	41	4
Laundry and drycleaning operatives, n.e.c.....	493	441	33	5	18	10	19	—
Meat cutters and butchers.....	607	571	17	8	9	—	19	—
Mine operatives, n.e.c.....	74	67	7	—	7	—	—	—
Packers and wrappers, except produce.....	1 604	1 534	65	41	4	20	5	—
Painters, manufactured articles.....	610	589	21	17	4	—	—	—
Precision machine operatives.....	921	917	—	—	—	—	4	—
Sawyers.....	82	82	—	—	—	—	—	—
Stationary firemen.....	533	377	152	27	18	107	4	—
Textile operatives.....	370	360	10	—	5	5	—	—
Welders and flamecutters.....	1 289	1 213	76	27	11	38	—	—
Other metalworking operatives.....	1 525	1 472	53	14	9	30	—	—
Other specified operatives.....	9 148	8 695	338	166	53	119	111	4
Miscellaneous and not specified operatives.....	11 801	11 377	373	136	70	167	51	—
Occupation:								
Machine operatives, miscellaneous specified.....	4 414	4 273	133	4	32	47	8	—
Machine operatives, not specified.....	4 259	4 123	119	71	23	25	17	—
Miscellaneous operatives.....	2 094	1 978	100	27	15	58	16	—
Not specified operatives.....	1 034	1 003	21	4	—	17	10	—
Industry:								
Manufacturing.....	10 566	10 323	220	94	62	64	23	—
Durable goods.....	4 841	4 699	131	81	28	22	11	—
Wood products, including furniture.....	160	160	—	—	—	—	—	—
Primary metal industries.....	1 080	1 045	35	22	7	6	—	—
Fabricated metal industries.....	744	732	12	7	—	5	—	—
Machinery, including electrical.....	1 219	1 160	48	33	12	3	11	—
Motor vehicles and equipment.....	191	—	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	90	81	9	9	—	—	—	—
Other durable goods.....	1 357	1 330	27	10	9	8	—	—
Nondurable goods.....	5 528	5 427	89	13	34	42	12	—
Food and kindred products.....	649	649	—	—	—	—	—	—
Apparel and other fabricated textile products.....	168	158	10	3	—	7	—	—
Paper and allied products.....	867	846	21	—	—	21	—	—
Chemicals and allied products.....	2 152	2 109	35	10	21	4	8	—
Other nondurable goods.....	1 692	1 665	23	—	13	10	4	—
Not specified manufacturing industries.....	197	—	—	—	—	—	—	—
Nonmanufacturing industries.....	1 235	1 054	153	42	8	103	28	—
Transportation, communications, and other public utilities.....	288	222	66	—	4	62	—	—
Wholesale and retail trade.....	535	506	6	—	—	6	23	—
All other industries.....	412	326	81	42	4	35	5	—
Transport equipment operatives.....	16 448	14 171	1 564	595	252	717	702	11
Bus drivers.....	833	691	138	47	20	71	4	—
Taxicab drivers and chauffeurs.....	832	645	87	32	10	45	100	—
Truck drivers and deliverymen.....	10 344	8 870	987	294	179	514	487	—
Other transport equipment operatives.....	4 439	3 965	352	222	43	87	111	—
Laborers, except farm.....	19 006	15 787	2 918	1 238	231	1 449	301	—
Construction laborers.....	3 820	3 408	412	25	92	295	—	—
Freight, stock, and material handlers.....	6 824	5 367	1 377	815	38	524	80	—
Other specified laborers.....	5 679	4 825	671	318	85	268	183	—
Miscellaneous and not specified laborers.....	2 683	2 187	458	80	16	362	38	—
Occupation:								
Miscellaneous laborers.....	767	498	244	9	—	235	25	—
Not specified laborers.....	1 916	1 689	214	71	16	127	13	—
Industry:								
Manufacturing.....	1 269	1 227	36	23	—	13	6	—
Durable goods.....	732	702	30	17	—	13	—	—
Wood products, including furniture.....	27	21	6	—	—	—	—	—
Metal industries.....	355	335	20	13	—	6	—	—
Machinery, including electrical.....	155	155	—	—	—	7	—	—
Transportation equipment.....	28	28	—	—	—	—	—	—
Other durable goods.....	167	163	4	4	—	—	—	—
Nondurable goods.....	500	488	6	6	—	—	6	—
Food and kindred products.....	134	134	—	—	—	—	—	—
Not specified manufacturing industries.....	37	37	—	—	—	—	—	—
Nonmanufacturing industries.....	1 414	960	422	57	16	349	32	—
Railroads and railway express service.....	155	155	—	—	—	—	—	—
Transportation, except railroads.....	76	58	18	4	—	14	—	—
Communications, and utilities and sanitary services.....	305	37	268	6	—	262	—	—
Wholesale and retail trade.....	443	413	5	5	—	—	25	—
All other industries.....	435	297	131	42	16	73	7	—
Farmers and farm managers.....	406	53	10	10	—	—	343	—
Farm laborers and farm foremen.....	1 044	988	37	10	10	17	19	—
Unpaid family workers.....	1 044	988	37	10	10	17	19	—
Service workers, except private household ¹	21 339	14 189	6 366	904	1 692	3 770	781	3
Cleaning service workers.....	8 327	6 007	2 073	347	425	1 301	244	3
Food service workers.....	3 894	3 227	598	159	233	206	69	—
Cooks, except private household.....	1 814	1 481	296	70	128	98	37	—
Busboys and dishwashers.....	507	449	58	32	12	14	—	—
Health service workers.....	1 269	451	811	121	465	225	7	—
Personal service workers.....	1 443	890	200	21	93	86	353	—
Protective service workers.....	3 016	944	2 067	148	323	1 596	5	—
Firemen, fire protection.....	240	—	240	10	—	230	—	—
Guards and watchmen.....	1 457	859	593	94	240	259	5	—
Police and detectives.....	1 213	67	1 146	39	78	1 029	—	—
Private household workers.....	395	375	—	—	—	—	20	—

¹Includes 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

THE STATE—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	124 567	96 107	26 299	6 676	7 329	12 294	1 966	195
Professional, technical, and kindred workers	12 938	4 799	7 846	883	1 773	5 190	293	—
Accountants	228	140	83	46	15	22	5	—
Computer specialists	87	78	9	9	—	—	—	—
Librarians	144	26	118	—	16	102	—	—
Mathematical specialists	10	4	6	6	—	—	—	—
Life and physical scientists	101	87	14	14	—	—	—	—
Registered nurses, dietitians, and therapists	3 036	1 843	1 077	156	465	456	116	—
Dietitians	245	159	86	18	32	36	—	—
Registered nurses	2 669	1 606	947	133	399	415	116	—
Health technologists and technicians	642	466	176	12	134	30	—	—
Social scientists	33	13	20	—	20	—	—	—
Social and recreation workers	1 066	230	836	152	228	456	—	—
Teachers: College and university	174	46	128	14	66	48	—	—
Elementary and prekindergarten	3 681	499	3 182	172	317	2 693	—	—
Secondary	806	62	744	16	91	637	—	—
Other teachers	196	71	70	21	25	24	55	—
Engineering and science technicians	270	255	15	8	7	—	—	—
Technicians, except health, and engineering and science	65	23	36	16	6	14	6	—
Writers, artists, and entertainers	255	197	16	3	5	8	42	—
Actors and dancers	7	7	—	—	—	—	—	—
Authors, editors, and reporters	62	45	5	—	5	—	12	—
Other professional, technical, and kindred workers	2 144	759	1 316	238	378	700	69	—
Managers and administrators, except farm	1 542	805	580	208	124	248	144	13
Buyers, purchasing agents, and sales managers	176	143	33	24	4	5	—	—
Restaurant, cafeteria, and bar managers	117	69	21	5	6	10	22	5
School administrators	104	29	75	—	37	38	—	—
Other specified managers and administrators	559	193	333	151	40	142	25	8
Managers and administrators, n.e.c., salaried	489	371	118	28	37	53	—	—
Wholesale and retail trade	110	105	5	5	—	—	—	—
Managers and administrators, n.e.c., self-employed	97	—	—	—	—	—	97	—
Wholesale and retail trade	54	—	—	—	—	—	54	—
Sales workers	3 423	3 219	46	29	6	11	136	22
Demonstrators, hucksters, and peddlers	66	66	—	—	—	—	—	—
Insurance, real estate agents, and brokers	178	174	—	—	—	—	4	—
Sales clerks, retail trade	2 274	2 132	16	14	2	—	110	16
Salesmen, retail trade	79	68	—	—	—	—	5	6
Other sales workers	826	779	30	15	4	11	17	—
Clerical and kindred workers	30 041	20 995	8 922	3 912	2 122	2 887	64	60
Bank tellers	389	300	89	52	17	20	—	—
Bookkeepers	1 737	1 396	322	122	82	118	3	16
Cashiers	1 674	1 501	165	35	40	90	4	4
Counter clerks, except food	390	377	—	—	—	—	5	8
Enumerators and interviewers	72	9	63	58	—	5	—	—
File clerks	1 449	1 153	296	110	106	80	—	—
Office machine operators	2 089	1 770	315	156	79	80	—	4
Bookkeeping and billing machine operators	195	130	61	37	16	8	—	—
Keypunch operators	1 560	1 371	189	97	41	51	—	—
Payroll and timekeeping clerks	228	145	83	50	12	21	—	—
Receptionists	552	372	180	57	58	65	—	—
Secretaries	3 868	2 739	1 107	324	311	472	16	6
Stenographers	256	79	177	48	93	36	—	—
Telephone operators	1 802	1 632	165	65	53	47	—	5
Typists	4 326	2 783	1 543	576	464	503	—	—
Other clerical and kindred workers	11 209	6 739	4 417	2 260	807	1 350	36	17
Craftsmen and kindred workers	1 796	1 611	138	63	34	41	47	—
Foremen, n.e.c.	572	491	81	33	27	21	—	—
Operatives, except transport	32 941	31 345	1 364	605	313	446	218	14
Assemblers	4 302	4 170	132	61	18	53	—	—
Bottling and canning operatives	102	100	—	—	—	—	2	—
Checkers, examiners, and inspectors; manufacturing	2 629	2 524	105	53	37	15	—	—
Dressmakers and seamstresses, except factory	319	203	37	31	—	6	75	4
Laundry and drycleaning operatives, including ironers	3 415	3 195	200	87	50	63	20	—
Graders and sorters, manufacturing	127	121	6	—	—	6	—	—
Packers and wrappers, except produce	3 099	3 041	58	15	9	34	—	—
Sewers and stitchers	3 516	3 361	120	47	31	42	35	—
Textile operatives	211	211	—	—	—	—	—	—
Other specified operatives	7 767	7 304	378	153	117	108	83	2
Miscellaneous and not specified operatives	7 454	7 115	328	158	51	119	3	8
Manufacturing	6 871	6 635	225	96	43	66	3	8
Durable goods	3 930	3 793	137	57	31	49	—	—
Machinery, including electrical	2 169	2 069	80	22	20	38	—	—
Other durable goods	1 761	1 704	57	35	11	11	—	—
Nondurable goods, including not specified manufacturing	2 941	2 842	88	39	12	37	3	8
Food and kindred products	426	407	16	—	—	16	—	—
Apparel and other fabricated textile products	539	507	32	26	6	—	—	—
Nonmanufacturing industries	583	480	103	62	8	33	—	—
Transport equipment operatives	473	373	86	6	20	60	14	—
Laborers, except farm	1 372	1 221	127	47	18	62	21	3
Farmers and farm managers	221	19	22	16	—	6	180	—
Farm laborers and farm foremen	463	414	22	—	3	19	4	23
Paid farm laborers and farm foremen	440	414	22	—	3	19	4	—
Unpaid family workers	23	—	—	—	—	—	—	23
Service workers, except private household¹	24 300	16 320	7 127	901	2 916	3 310	797	56
Cleaning service workers	4 103	3 215	846	109	277	460	38	4
Chambermaids and maids	1 261	1 153	104	24	32	48	—	4
Food service workers	3 894	2 954	846	178	275	393	48	46
Cooks, except private household	1 169	885	251	50	69	132	17	16
Waiters and food counter workers	1 421	1 184	196	50	74	72	15	26
Health service workers	9 370	5 891	3 373	332	1 749	1 292	106	—
Nursing aides, orderlies, and attendants	6 844	4 154	2 667	248	1 462	937	23	—
Practical nurses	1 816	1 215	518	47	212	259	63	—
Personal service workers	2 658	1 301	822	113	344	365	529	6
Hairdressers and cosmetologists	977	504	35	—	16	19	438	—
Private household workers	15 057	14 986	19	5	—	14	48	4
Private household workers, living in	1 358	1 358	—	—	—	—	—	—
Private household workers, living out	13 699	13 628	19	5	—	14	48	4

¹Includes 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

THE STATE—Continued

Persons of Puerto Rican Birth or Parentage

Male, 16 years old and over

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers	
			Total	Federal	State			Local
Male, 16 years old and over	27 741	25 173	1 830	625	326	879	721	17
Professionals, technical, and kindred workers	1 018	626	307	108	63	136	85	
Accountants	71	52	19	—	5	14	—	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	16	16	—	—	—	—	—	—
Engineers	139	95	38	33	5	—	6	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	22	17	5	—	5	—	—	—
Electrical and electronic	60	27	33	33	—	—	—	—
Mechanical	26	26	—	—	—	—	—	—
Other engineers	31	25	—	—	—	—	—	6
Lawyers and judges	13	—	—	—	—	—	—	13
Life and physical scientists	29	29	—	—	—	—	—	—
Chemists	26	26	—	—	—	—	—	—
Physicians, dentists, and related practitioners	58	23	13	—	6	7	22	—
Dentists	—	—	—	—	—	—	—	—
Pharmacists	24	17	—	—	—	—	7	—
Physicians, medical and osteopathic	34	6	13	—	6	7	15	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	25	20	5	—	—	5	—	—
Religious workers	42	42	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	60	—	60	25	14	21	—	—
Teachers	82	21	61	7	—	54	—	—
College and university	7	7	—	—	—	—	—	—
Elementary and prekindergarten	14	—	14	—	—	14	—	—
Secondary	35	—	35	—	—	35	—	—
Engineering and science technicians	78	54	24	7	17	—	—	—
Draftsmen and surveyors	37	29	8	—	8	—	—	—
Electrical and electronic engineering technicians	15	8	7	7	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	102	67	6	6	—	—	29	—
Other professional, technical, and kindred workers	303	207	81	30	16	35	15	—
Managers and administrators, except farm	967	679	92	21	33	38	191	5
Buyers, purchasing agents, and sales managers	76	69	—	—	—	—	7	—
School administrators	36	12	24	—	14	10	—	—
Specified managers and administrators, public administration	34	—	34	15	7	12	—	—
Other specified managers and administrators	297	206	25	6	12	7	61	5
Managers and administrators, n.e.c., salaried	401	392	9	—	—	9	—	—
Manufacturing	59	59	—	—	—	—	—	—
Wholesale and retail trade	173	173	—	—	—	—	—	—
Transportation, communications and other public utilities	34	34	—	—	—	—	—	—
All other industries	135	126	9	—	—	9	—	—
Managers and administrators, n.e.c., self-employed	123	—	—	—	—	—	—	123
Construction	17	—	—	—	—	—	—	17
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	100	—	—	—	—	—	—	100
All other industries	6	—	—	—	—	—	—	6
Sales workers	761	668	12	—	—	12	81	—
Insurance agents, brokers, and underwriters	76	76	—	—	—	—	—	—
Real estate agents and brokers	6	—	—	—	—	—	6	—
Sales representatives, manufacturing industries	55	55	—	—	—	—	—	—
Sales representatives, wholesale trade	79	64	—	—	—	—	15	—
Sales clerks, retail trade	338	292	—	—	—	—	46	—
Salesmen, retail trade	80	71	5	—	—	5	4	—
Salesmen of services and construction	19	19	—	—	—	—	—	—
Other sales workers	108	91	7	—	—	7	10	—
Clerical and kindred workers	1 610	1 357	232	202	6	24	21	—
Bank tellers and cashiers	40	40	—	—	—	—	—	—
Bookkeepers and billing clerks	64	69	7	7	—	—	8	—
Mail handlers and postal clerks	157	10	147	147	—	—	—	—
Other clerical and kindred workers	1 329	1 238	78	48	6	24	13	—
Craftsmen and kindred workers	4 407	4 022	191	80	17	94	194	—
Apparel craftsmen and upholsterers	127	120	7	7	—	—	—	—
Bakers	177	177	—	—	—	—	—	—
Cabinetmakers	89	89	—	—	—	—	—	—
Construction craftsmen	714	625	53	16	10	27	36	—
Carpenters	201	189	5	—	5	—	7	—
Excavating, grading, and road machine operators	54	54	—	—	—	—	—	—
Electricians	86	76	10	—	5	5	—	—
Masons and tile setters	86	79	7	—	—	7	—	—
Painters, construction and maintenance, and paperhangers	161	117	15	—	—	15	29	—
Plasterers and cement finishers	60	60	—	—	—	—	—	—
Plumbers and pipe fitters	41	25	16	16	—	—	—	—
Other construction craftsmen	25	25	—	—	—	—	—	—
Foremen, n.e.c.	702	676	21	—	7	14	5	—
Manufacturing	524	509	15	—	7	8	—	—
Nonmanufacturing industries	178	167	6	—	—	6	5	—
Linemen and servicemen, telephone and power	20	20	—	—	—	—	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	1 179	1 060	55	20	—	35	64	—
Air conditioning, heating, and refrigeration	75	75	—	—	—	—	—	—
Aircraft	34	29	5	5	—	—	—	—
Automobile, including body	508	455	36	15	—	21	17	—
Radio and television	78	40	—	—	—	—	38	—
Other mechanics and repairmen	484	461	14	—	—	14	9	—
Metal craftsmen, except mechanics	378	370	8	8	—	—	—	—
Machinists and job and die setters	269	269	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	19	19	—	—	—	—	—	—
Tool and die makers	19	19	—	—	—	—	—	—
Other metal craftsmen	71	63	8	8	—	—	—	—
Printing craftsmen	237	237	—	—	—	—	—	—
Compositors and typesetters	95	95	—	—	—	—	—	—
Pressmen and plate printers, printing	94	94	—	—	—	—	—	—
Stationary engineers and power station operators	16	16	—	—	—	—	—	—
Other craftsmen and kindred workers	768	632	47	29	—	18	89	—

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**

THE STATE—Continued

Persons of Puerto Rican Birth or Parentage—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	10 284	10 013	238	59	64	115	33	
Assemblers.....	817	817	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	257	257	—	—	—	—	—	—
Garage workers and gas station attendants.....	117	117	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	68	68	—	—	—	—	—	—
Meat cutters and butchers.....	172	163	—	—	—	—	—	7
Mine operatives, n.e.c.....	17	17	—	—	—	—	—	—
Packers and wrappers, except produce.....	1 015	999	8	—	—	8	8	—
Painters, manufactured articles.....	175	175	—	—	—	—	—	—
Precision machine operatives.....	351	336	15	—	—	15	—	—
Sawyers.....	56	56	—	—	—	—	—	—
Stationary firemen.....	20	20	—	—	—	—	—	—
Textile operatives.....	439	415	24	—	18	6	—	—
Welders and flamecutters.....	250	250	—	—	—	—	—	—
Other metalworking operatives.....	608	594	14	—	14	—	—	—
Other specified operatives.....	2 004	1 917	75	31	9	35	12	—
Miscellaneous and not specified operatives.....	3 918	3 810	102	28	23	51	6	—
Occupation:								
Machine operatives, miscellaneous specified.....	1 213	1 183	30	6	8	16	—	—
Machine operatives, not specified.....	1 725	1 681	38	17	7	14	6	—
Miscellaneous operatives.....	605	585	20	5	8	7	—	—
Not specified operatives.....	375	361	14	—	—	14	—	—
Industry:								
Manufacturing.....	3 674	3 586	82	23	15	44	6	—
Durable goods.....	1 870	1 795	69	17	8	44	6	—
Wood products, including furniture.....	141	134	7	—	—	7	—	—
Primary metal industries.....	244	244	—	—	—	—	—	—
Fabricated metal industries.....	359	352	7	—	—	7	—	—
Machinery, including electrical.....	552	500	46	8	8	30	6	—
Motor vehicles and equipment.....	23	23	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	28	28	—	—	—	—	—	—
Other durable goods.....	523	514	9	9	—	—	—	—
Nondurable goods.....	1 675	1 669	6	6	—	—	—	—
Food and kindred products.....	267	267	—	—	—	—	—	—
Apparel and other fabricated textile products.....	131	131	—	—	—	—	—	—
Paper and allied products.....	433	433	—	—	—	—	—	—
Chemicals and allied products.....	241	235	6	6	—	—	—	—
Other nondurable goods.....	603	603	—	—	—	—	—	—
Not specified manufacturing industries.....	129	122	7	—	7	—	—	—
Nonmanufacturing industries.....	244	224	20	5	8	7	—	—
Transportation, communications, and other public utilities.....	33	33	—	—	—	—	—	—
Wholesale and retail trade.....	102	102	—	—	—	—	—	—
All other industries.....	109	89	20	5	8	7	—	—
Transport equipment operatives.....	1 740	1 672	61	—	25	36	7	—
Bus drivers.....	59	50	9	—	—	9	—	—
Taxicab drivers and chauffeurs.....	88	88	—	—	—	—	—	—
Truck drivers and deliverymen.....	1 109	1 072	37	—	16	21	—	—
Other transport equipment operatives.....	484	462	15	—	9	6	7	—
Laborers, except farm.....	2 994	2 694	263	100	24	139	30	7
Construction laborers.....	313	263	41	—	—	41	9	—
Freight, stock, and material handlers.....	1 200	1 064	113	77	7	29	16	7
Other specified laborers.....	560	560	52	14	11	27	5	—
Miscellaneous and not specified laborers.....	864	807	57	9	6	42	—	—
Occupation:								
Miscellaneous laborers.....	125	110	15	—	—	15	—	—
Not specified laborers.....	739	697	42	9	6	27	—	—
Industry:								
Manufacturing.....	581	567	14	—	6	8	—	—
Durable goods.....	243	237	6	—	6	—	—	—
Wood products, including furniture.....	20	20	—	—	—	—	—	—
Metal industries.....	72	66	6	—	6	—	—	—
Machinery, including electrical.....	66	66	—	—	—	—	—	—
Transportation equipment.....	27	27	—	—	—	—	—	—
Other durable goods.....	58	58	—	—	—	—	—	—
Nondurable goods.....	304	296	8	—	—	8	—	—
Food and kindred products.....	108	108	—	—	—	—	—	—
Not specified manufacturing industries.....	34	34	—	—	—	—	—	—
Nonmanufacturing industries.....	283	240	43	9	—	34	—	—
Railroads and railway express service.....	16	16	—	—	—	—	—	—
Transportation, except railroads.....	28	28	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	43	18	25	—	—	25	—	—
Wholesale and retail trade.....	72	72	—	—	—	—	—	—
All other industries.....	124	106	18	9	—	9	—	—
Farmers and farm managers.....	6	6	—	—	—	—	—	—
Farm laborers and farm foremen.....	672	665	—	—	—	—	7	—
Paid farm laborers and farm foremen.....	672	665	—	—	—	—	7	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household ¹	3 282	2 771	434	55	94	285	72	5
Cleaning service workers.....	923	763	154	20	34	100	6	—
Food service workers.....	1 493	1 429	39	5	25	9	20	5
Cooks, except private household.....	579	556	9	—	—	9	14	—
Busboys and dishwashers.....	348	348	—	—	—	—	—	—
Health service workers.....	100	64	36	8	28	—	—	—
Personal service workers.....	240	163	31	8	—	23	46	—
Protective service workers.....	213	81	132	7	7	118	—	—
Firemen, fire protection.....	—	—	—	—	—	—	—	—
Guards and watchmen.....	81	70	11	—	—	11	—	—
Policemen and detectives.....	132	11	121	7	7	107	—	—
Private household workers.....	—	—	—	—	—	—	—	—

¹Includes 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 Puerto Rican Birth or Parentage—Continued								
Female, 16 years old and over	12 698	11 267	1 136	251	199	686	210	85
Professional, technical, and kindred workers	620	285	329	50	60	219	6	—
Accountants	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	7	—	7	—	—	7	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	11	11	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	98	54	44	15	8	21	—	—
Dietitians	4	4	—	—	—	—	—	—
Registered nurses	94	50	44	15	8	21	—	—
Health technologists and technicians	27	27	—	—	—	—	—	—
Social scientists	8	—	—	—	—	—	—	—
Social and recreation workers	104	30	74	6	27	41	—	—
Teachers: College and university	—	—	—	—	—	—	—	—
Elementary and prekindergarten	63	6	57	—	7	50	—	—
Secondary	61	7	54	7	—	47	—	—
Other teachers	16	11	5	—	5	—	—	—
Engineering and science technicians	7	7	—	—	—	—	—	—
Technicians, except health, and engineering and science	11	5	6	6	—	—	—	—
Writers, artists, and entertainers	90	57	27	9	—	18	6	—
Actors and dancers	21	12	9	9	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	117	62	55	7	13	35	—	—
Managers and administrators, except farm	178	95	57	9	14	34	21	5
Buyers, purchasing agents, and sales managers	67	58	9	—	—	9	—	—
Restaurant, cafeteria, and bar managers	17	5	—	—	—	—	7	5
School administrators	—	—	—	—	—	—	—	—
Other specified managers and administrators	49	15	34	9	14	11	—	—
Managers and administrators, n.e.c., salaried	31	17	14	—	—	14	—	—
Wholesale and retail trade	10	10	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	14	—	—	—	—	—	14	—
Wholesale and retail trade	6	—	—	—	—	—	6	—
Sales workers	571	466	—	—	—	—	78	27
Demonstrators, hucksters, and peddlers	5	—	—	—	—	—	5	—
Insurance, real estate agents, and brokers	12	12	—	—	—	—	—	—
Sales clerks, retail trade	423	328	—	—	—	—	68	27
Salesmen, retail trade	12	12	—	—	—	—	—	—
Other sales workers	119	114	—	—	—	—	5	—
Clerical and kindred workers	2 340	1 919	372	95	60	217	24	25
Bank tellers	56	40	16	—	16	—	—	—
Bookkeepers	175	139	28	11	—	17	8	—
Cashiers	151	139	12	—	6	6	—	—
Counter clerks, except food	34	29	—	—	—	—	5	—
Enumerators and interviewers	—	—	—	—	—	—	—	—
File clerks	105	85	20	6	—	14	—	—
Office machine operators	83	83	—	—	—	—	—	—
Bookkeeping and billing machine operators	6	6	—	—	—	—	—	—
Keypunch operators	69	69	—	—	—	—	—	—
Payroll and timekeeping clerks	18	12	6	—	—	6	—	—
Receptionists	55	26	9	3	—	6	6	14
Secretaries	503	419	79	15	19	45	5	—
Stenographers	23	15	8	—	—	8	—	—
Telephone operators	58	—	—	—	—	—	—	—
Typists	370	307	63	27	6	30	—	—
Other clerical and kindred workers	709	567	131	33	13	85	—	11
Craftsmen and kindred workers	297	292	—	—	—	—	—	5
Foremen, n.e.c.	68	68	—	—	—	—	—	—
Operatives, except transport	7 127	6 956	146	73	16	57	19	6
Assemblers	782	759	23	6	9	8	—	—
Bottling and canning operatives	32	32	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	230	214	16	—	7	9	—	—
Dressmakers and seamstresses, except factory	34	34	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	196	181	15	9	—	6	—	—
Graders and sorters, manufacturing	—	18	—	—	—	—	—	—
Packers and wrappers, except produce	922	893	23	—	—	23	—	6
Sewers and sitchers	1 918	1 890	28	24	—	4	—	—
Textile operatives	143	143	—	—	—	—	—	—
Other specified operatives	1 012	997	7	—	—	7	8	—
Miscellaneous and not specified operatives	1 840	1 795	34	34	—	—	11	—
Manufacturing	1 809	1 775	34	34	—	—	—	—
Durable goods	920	894	26	26	—	—	—	—
Machinery, including electrical	336	316	20	20	—	—	—	—
Other durable goods	584	578	6	6	—	—	—	—
Nondurable goods, including not specified manufacturing	889	881	8	8	—	—	—	—
Food and kindred products	79	79	—	—	—	—	—	—
Apparel and other fabricated textile products	365	357	8	8	—	—	—	—
Nonmanufacturing industries	31	20	—	—	—	—	11	—
Transport equipment operatives	43	36	7	—	—	7	—	—
Laborers, except farm	211	203	—	—	—	—	8	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	28	20	—	—	—	—	8	—
Paid farm laborers and farm foremen	28	20	—	—	—	—	8	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	1 161	873	225	24	49	152	46	17
Cleaning service workers	156	136	12	—	—	12	8	—
Chambermaids and maids	52	52	—	—	—	—	—	—
Food service workers	247	205	25	9	7	9	—	17
Cooks, except private household	48	22	9	—	—	9	—	17
Walters and food counter workers	132	125	7	—	7	—	—	—
Health service workers	179	119	60	7	15	38	—	—
Nursing aides, orderlies, and attendants	113	66	47	—	15	32	—	—
Practical nurses	35	29	6	—	—	6	—	—
Personal service workers	348	252	63	8	10	45	33	—
Hairdressers and cosmetologists	254	228	—	—	—	—	26	—
Private household workers	122	122	—	—	—	—	—	—
Private household workers, living in	33	33	—	—	—	—	—	—
Private household workers, living out	89	89	—	—	—	—	—	—

¹Includes 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

ALLENTOWN—BETHLEHEM—EASTON, PA.—N.J., SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	142 679	120 442	11 041	2 127	2 331	6 583	10 861	335
Professional, technical, and kindred workers	18 549	13 366	3 280	285	644	2 351	1 903	—
Accountants	1 417	1 207	111	60	42	9	99	—
Architects	62	27	—	—	—	—	35	—
Computer specialists	549	538	11	—	—	11	—	—
Engineers	3 333	3 118	180	81	53	46	35	—
Aeronautical and astronautical	11	5	6	6	—	—	—	—
Civil	358	267	83	—	42	41	8	—
Electrical and electronic	789	753	26	26	—	—	10	—
Mechanical	495	466	18	18	—	—	11	—
Other engineers	1 680	1 627	47	31	11	5	6	—
Lawyers and judges	396	121	17	—	17	—	258	—
Life and physical scientists	533	511	22	9	13	—	—	—
Chemists	403	403	—	—	—	—	—	—
Physicians, dentists, and related practitioners	1 377	359	5	—	—	5	1 013	—
Dentists	258	11	—	—	—	—	247	—
Pharmacists	211	160	—	—	—	—	51	—
Physicians, medical and osteopathic	727	170	5	—	—	5	552	—
Other related practitioners	181	18	—	—	—	—	163	—
Health technologists and technicians	146	92	27	6	9	12	27	—
Religious workers	581	501	8	—	—	8	72	—
Social scientists	145	105	25	—	5	20	15	—
Social and recreation workers	165	53	107	—	55	52	5	—
Teachers	3 627	1 352	2 215	10	274	1 931	60	—
College and university	1 079	861	218	5	158	55	—	—
Elementary and prekindergarten	605	76	529	—	51	478	—	—
Secondary	1 770	325	1 445	5	60	1 380	—	—
Engineering and science technicians	2 965	2 811	139	32	48	59	15	—
Draftsmen and surveyors	1 654	1 573	71	6	16	49	10	—
Electrical and electronic engineering technicians	314	292	17	11	—	6	5	—
Technicians, except health, and engineering and science	241	156	74	37	5	32	11	—
Airplane pilots	121	91	—	—	—	—	11	—
Writers, artists, and entertainers	1 047	873	23	12	6	5	151	—
Other professional, technical, and kindred workers	1 965	1 542	316	38	117	161	107	—
Managers and administrators, except farm	12 750	9 557	1 026	157	255	614	2 135	32
Buyers, purchasing agents, and sales managers	1 834	1 705	31	4	13	14	98	—
School administrators	382	137	245	—	31	214	—	—
Specified managers and administrators, public administration	529	—	529	123	113	293	—	—
Other specified managers and administrators	2 246	1 772	81	25	26	30	382	11
Managers and administrators, n.e.c., salaried	6 083	5 943	140	5	72	63	—	—
Manufacturing	2 388	2 388	—	—	—	—	—	—
Wholesale and retail trade	1 696	1 666	30	—	30	—	—	—
Transportation, communications and other public utilities	549	542	7	—	—	7	—	—
All other industries	1 450	1 347	103	5	42	56	—	—
Managers and administrators, n.e.c., self-employed	1 676	—	—	—	—	—	—	—
Construction	360	—	—	—	—	—	—	—
Manufacturing	184	—	—	—	—	—	—	—
Wholesale and retail trade	865	—	—	—	—	—	—	—
All other industries	267	—	—	—	—	—	—	—
Sales workers	8 379	7 111	119	5	82	32	1 114	35
Insurance agents, brokers, and underwriters	939	775	11	—	6	5	153	—
Real estate agents and brokers	273	198	—	—	—	—	85	—
Sales representatives, manufacturing industries	1 098	1 078	4	—	—	4	16	—
Sales representatives, wholesale trade	1 508	1 361	11	—	5	6	131	5
Sales clerks, retail trade	2 192	1 707	54	—	48	6	401	30
Salesmen, retail trade	1 011	843	5	—	—	—	163	—
Salesmen of services and construction	304	251	24	—	19	5	29	—
Other sales workers	1 054	908	10	—	4	6	136	—
Clerical and kindred workers	11 770	10 029	1 588	1 243	163	182	153	—
Bank tellers and cashiers	533	486	52	—	47	5	15	—
Bookkeepers and billing clerks	1 369	1 266	75	—	28	34	28	—
Mail handlers and postal clerks	1 276	156	1 120	1 115	5	—	—	—
Other clerical and kindred workers	8 572	8 121	341	100	98	143	110	—
Craftsmen and kindred workers	33 506	30 006	1 062	127	310	625	2 402	36
Apparel craftsmen and upholsterers	420	373	5	—	5	—	42	—
Bakers	264	220	—	—	—	—	44	—
Cabinetmakers	155	122	—	—	—	—	33	—
Construction craftsmen	7 954	6 577	279	—	5	88	186	1 098
Carpenters	2 328	1 914	46	—	24	22	368	—
Excavating, grading, and road machine operators	609	483	80	—	19	61	46	—
Electricians	1 553	1 421	24	—	10	14	108	—
Masons and tile setters	622	558	21	—	—	21	43	—
Painters, construction and maintenance, and paperhangers	804	571	56	5	16	35	177	—
Plasterers and cement finishers	258	228	—	—	—	—	30	—
Plumbers and pipe fitters	1 120	828	45	—	19	26	247	—
Other construction craftsmen	660	574	7	—	—	7	79	—
Foremen, n.e.c.	5 524	5 254	197	18	69	110	73	—
Manufacturing	4 047	4 015	4	—	4	—	28	—
Nonmanufacturing industries	1 477	1 239	193	18	65	110	45	—
Linemen and servicemen, telephone and power	1 094	1 091	3	—	—	3	—	—
Locomotive engineers and firemen	227	220	7	—	—	7	—	—
Mechanics and repairmen	7 950	6 989	284	60	51	173	663	14
Air conditioning, heating, and refrigeration	392	342	5	—	5	—	45	—
Aircraft	51	46	5	—	—	—	—	—
Automobile, including body	2 793	2 273	112	22	28	62	399	9
Radio and television	353	296	4	—	—	4	53	—
Other mechanics and repairmen	4 361	4 032	158	33	18	107	166	5
Metal craftsmen, except mechanics	3 469	3 405	24	10	9	5	34	6
Machinists and job and die setters	1 108	1 088	5	5	—	—	15	—
Sheetmetal workers and tinsmiths	390	381	3	—	3	—	6	—
Tool and die makers	364	354	5	5	—	—	5	—
Other metal craftsmen	1 607	1 582	11	—	6	5	8	6
Printing craftsmen	1 463	1 408	—	—	—	—	55	—
Compositors and typesetters	768	729	—	—	—	—	39	—
Pressmen and plate printers, printing	544	528	—	—	—	—	16	—
Stationary engineers and power station operators	482	381	101	4	9	88	—	—
Other craftsmen and kindred workers	4 504	3 966	162	30	79	53	360	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

ALLENTOWN-BETHEHEM-EASTON, PA.-N.J., SMSA—
Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	25 811	25 145	256	42	67	147	400	10
Assemblers.....	2 125	2 108	17	—	—	17	—	—
Checkers, examiners, and inspectors; manufacturing.....	1 270	1 251	19	5	14	—	—	—
Garage workers and gas station attendants.....	944	836	4	—	—	4	99	5
Laundry and drycleaning operatives, n.e.c.....	135	96	27	—	—	12	27	—
Meat cutters and butchers.....	565	506	—	—	—	—	59	—
Mine operatives, n.e.c.....	269	259	4	—	—	4	6	—
Packers and wrappers, except produce.....	987	974	5	—	5	—	8	—
Painters, manufactured articles.....	386	377	—	—	—	—	9	—
Precision machine operatives.....	2 114	2 097	11	—	11	—	6	—
Sawyers.....	272	267	—	—	—	—	5	—
Stationary firemen.....	567	526	41	5	8	28	—	—
Textile operatives.....	1 163	1 157	—	—	—	—	6	—
Welders and flamecutters.....	2 013	1 984	4	4	—	—	25	—
Other metalworking operatives.....	1 443	1 410	12	—	—	12	21	—
Other specified operatives.....	4 311	4 189	52	12	17	23	70	—
Miscellaneous and not specified operatives.....	7 247	7 108	75	16	12	47	59	5
Occupation:								
Machine operatives, miscellaneous specified.....	2 940	2 889	22	—	6	16	24	5
Machine operatives, not specified.....	1 239	1 211	16	10	6	—	12	—
Miscellaneous operatives.....	1 654	1 625	26	6	—	20	3	—
Not specified operatives.....	1 414	1 383	11	—	—	11	20	—
Industry:								
Manufacturing.....	6 635	6 574	25	4	—	21	36	—
Durable goods.....	4 049	4 006	25	4	—	21	18	—
Wood products, including furniture.....	86	86	—	—	—	—	—	—
Primary metal industries.....	1 355	1 337	5	—	—	5	13	—
Fabricated metal industries.....	449	439	10	4	—	6	—	—
Machinery, including electrical.....	1 094	1 094	—	—	—	—	—	—
Motor vehicles and equipment.....	164	164	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	5	5	—	—	—	—	—	—
Other durable goods.....	896	881	10	—	—	10	5	—
Nondurable goods.....	2 553	2 535	—	—	—	—	18	—
Food and kindred products.....	540	537	—	—	—	—	3	—
Apparel and other fabricated textile products.....	460	460	—	—	—	—	—	—
Paper and allied products.....	532	532	—	—	—	—	—	—
Chemicals and allied products.....	566	566	—	—	—	—	—	—
Other nondurable goods.....	455	440	—	—	—	—	15	—
Not specified manufacturing industries.....	33	33	—	—	—	—	—	—
Nonmanufacturing industries.....	612	534	50	12	12	26	23	5
Transportation, communications, and other public utilities.....	142	128	6	—	—	6	8	—
Wholesale and retail trade.....	273	258	—	—	—	—	15	—
All other industries.....	197	148	44	12	12	20	—	5
Transport equipment operatives	8 724	7 950	416	42	63	311	348	10
Bus drivers.....	311	240	50	—	9	41	21	—
Taxicab drivers and chauffeurs.....	175	164	—	—	—	—	11	—
Truck drivers and deliverymen.....	6 453	5 839	338	38	54	246	271	5
Other transport equipment operatives.....	1 785	1 707	28	4	—	24	45	5
Laborers, except farm	10 044	9 085	716	108	163	445	223	20
Construction laborers.....	1 724	1 380	341	—	114	227	—	3
Freight, stock, and material handlers.....	3 431	3 222	121	87	—	34	82	6
Other specified laborers.....	1 653	1 403	132	11	44	77	112	6
Miscellaneous and not specified laborers.....	3 236	3 080	122	10	5	107	29	5
Occupation:								
Miscellaneous laborers.....	1 324	1 221	73	—	—	73	25	5
Not specified laborers.....	1 912	1 859	49	10	5	34	4	—
Industry:								
Manufacturing.....	2 525	2 497	19	5	5	9	4	5
Durable goods.....	2 199	2 175	15	5	5	5	4	5
Wood products, including furniture.....	27	27	—	—	—	—	—	—
Metal industries.....	1 654	1 630	15	5	5	5	4	5
Machinery, including electrical.....	157	157	—	—	—	—	—	—
Transportation equipment.....	32	32	—	—	—	—	—	—
Other durable goods.....	329	329	—	—	—	—	—	—
Nondurable goods.....	320	316	4	—	—	4	—	—
Food and kindred products.....	76	76	—	—	—	—	—	—
Not specified manufacturing industries.....	6	6	—	—	—	—	—	—
Nonmanufacturing industries.....	711	583	103	5	—	98	25	—
Railroads and railway express service.....	163	150	13	—	—	13	—	—
Transportation, except railroads.....	28	28	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	145	74	64	—	—	64	7	—
Wholesale and retail trade.....	150	150	—	—	—	—	—	—
All other industries.....	225	181	26	5	—	21	18	—
Farmers and farm managers	1 273	89	19	—	9	10	1 165	—
Farm laborers and farm foremen	1 065	888	42	6	21	15	13	122
Paid farm laborers and farm foremen.....	943	888	42	6	21	15	13	—
Unpaid family workers.....	122	—	—	—	—	—	—	122
Service workers, except private household¹	10 744	7 152	2 517	112	554	1 851	1 005	70
Cleaning service workers.....	4 129	3 233	829	98	117	614	46	21
Food service workers.....	2 491	2 009	49	—	21	28	397	36
Cooks, except private household.....	780	607	26	—	16	10	137	10
Busboys and dishwashers.....	422	413	9	—	—	9	—	—
Health service workers.....	288	158	130	—	74	56	—	—
Personal service workers.....	950	426	17	—	—	17	502	5
Protective service workers.....	2 247	793	1 432	14	328	1 090	14	8
Firemen, fire protection.....	359	38	321	—	—	—	—	—
Guards and watchmen.....	908	725	166	—	85	81	9	8
Policemen and detectives.....	897	16	876	14	238	624	5	—
Private household workers	64	64	—	—	—	—	—	—

¹Includes 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

ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J., SMSA—
Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	87 255	74 676	9 146	596	1 581	6 969	2 577	856
Professional, technical, and kindred workers	10 346	5 852	4 081	53	493	3 535	381	32
Accountants	249	205	27	6	6	15	12	5
Computer specialists	83	67	16	—	—	16	—	—
Librarians	183	62	121	—	4	117	—	—
Mathematical specialists	19	19	—	—	—	—	—	—
Life and physical scientists	68	62	6	—	—	6	—	—
Registered nurses, dietitians, and therapists	2 797	2 299	380	6	112	262	105	13
Dietitians	42	29	13	—	5	8	—	—
Registered nurses	2 645	2 192	335	6	98	231	105	13
Health technologists and technicians	404	379	19	—	5	14	6	—
Social scientists	38	13	20	—	5	15	5	—
Social and recreation workers	266	127	139	5	69	65	—	—
Teachers: College and university	308	203	105	—	52	53	—	—
Elementary and prekindergarten	2 908	728	2 174	17	124	2 033	6	—
Secondary	1 094	362	732	5	26	701	—	—
Other teachers	353	184	43	—	13	30	126	—
Engineering and science technicians	180	176	4	—	—	4	—	—
Technicians, except health, and engineering and science	22	—	22	—	11	11	—	—
Writers, artists, and entertainers	443	406	—	—	—	—	37	—
Actors and dancers	12	12	—	—	—	—	—	—
Authors, editors, and reporters	152	148	—	—	—	—	4	—
Other professional, technical, and kindred workers	931	560	273	14	66	193	84	14
Managers and administrators, except farm	1 913	1 248	167	16	28	123	405	93
Buyers, purchasing agents, and sales managers	410	350	15	—	4	11	36	9
Restaurant, cafeteria, and bar managers	221	95	18	—	—	18	76	32
School administrators	110	65	40	—	—	40	5	—
Other specified managers and administrators	288	181	80	16	19	45	17	10
Managers and administrators, n.e.c., salaried	571	557	14	—	5	9	—	—
Wholesale and retail trade	207	207	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	313	—	—	—	—	—	271	42
Wholesale and retail trade	197	—	—	—	—	—	176	21
Sales workers	5 968	5 552	38	—	16	22	272	106
Demonstrators, hucksters, and peddlers	223	194	5	—	—	5	24	—
Insurance, real estate agents, and brokers	138	94	—	—	—	—	44	—
Sales clerks, retail trade	4 808	4 548	21	—	16	5	159	80
Salesmen, retail trade	151	141	—	—	—	—	5	5
Other sales workers	648	575	12	—	—	12	40	21
Clerical and kindred workers	23 435	20 643	2 352	412	422	1 518	210	230
Bank tellers	612	565	47	33	9	5	—	—
Bookkeepers	2 966	2 653	159	27	29	103	87	67
Cashiers	1 539	1 434	77	—	6	71	24	4
Counter clerks, except food	215	206	—	—	—	—	9	—
Enumerators and interviewers	33	10	23	11	—	12	—	—
File clerks	658	623	35	6	—	29	—	—
Office machine operators	1 091	1 041	50	16	—	34	—	—
Bookkeeping and billing machine operators	150	133	17	11	—	6	—	—
Keypunch operators	722	710	12	5	—	7	—	—
Payroll and timekeeping clerks	416	392	24	—	9	15	—	—
Receptionists	519	488	26	4	11	11	5	—
Secretaries	6 938	6 077	755	66	146	543	25	81
Stenographers	308	245	63	10	15	38	—	—
Telephone operators	724	683	41	—	23	18	—	—
Typists	2 582	2 253	316	51	76	189	7	6
Other clerical and kindred workers	4 834	3 973	736	188	98	450	53	72
Craftsmen and kindred workers	1 639	1 517	28	8	—	20	72	22
Foremen, n.e.c.	626	621	—	—	—	—	5	—
Operatives, except transport	28 681	28 219	257	49	78	130	135	70
Assemblers	2 125	2 106	19	13	—	6	—	—
Battling and canning operatives	45	40	—	—	—	—	—	5
Checkers, examiners, and inspectors, manufacturing	1 503	1 486	9	9	—	—	8	—
Dressmakers and seamstresses, except factory	267	211	5	—	5	—	51	—
Laundry and drycleaning operatives, including ironers	1 353	1 298	45	—	15	30	5	5
Graders and sorters, manufacturing	128	128	—	—	—	—	—	—
Packers and wrappers, except produce	1 697	1 683	14	—	10	4	—	—
Sewers and stitchers	12 538	12 425	82	10	28	44	27	4
Textile operatives	1 130	1 123	7	4	—	3	—	—
Other specified operatives	2 979	2 895	27	—	7	20	13	44
Miscellaneous and not specified operatives	4 916	4 824	49	13	13	23	31	12
Manufacturing	4 633	4 577	34	7	13	14	16	6
Durable goods	1 534	1 503	20	7	13	11	—	—
Machinery, including electrical	942	925	12	7	5	—	5	—
Other durable goods	592	578	8	—	8	—	6	—
Nondurable goods, including not specified manufacturing	3 099	3 074	14	—	—	14	5	6
Food and kindred products	116	110	—	—	—	—	6	—
Apparel and other fabricated textile products	2 022	2 013	9	—	—	9	—	—
Nonmanufacturing industries	283	247	15	6	—	9	15	6
Transport equipment operatives	289	173	96	12	—	84	20	—
Laborers, except farm	725	681	6	—	—	6	29	9
Farmers and farm managers	92	4	—	—	—	—	88	—
Farm laborers and farm foremen	190	67	—	—	—	—	—	—
Paid farm laborers and farm foremen	67	67	—	—	—	—	—	—
Unpaid family workers	123	—	—	—	—	—	—	123
Service workers, except private household¹	12 308	9 062	2 121	46	544	1 531	954	171
Cleaning service workers	1 785	1 516	245	16	41	188	18	6
Chambermaids and maids	483	453	25	—	—	25	5	—
Food service workers	5 458	4 340	745	—	72	673	243	130
Cooks, except private household	1 061	616	236	—	15	221	148	61
Waiters and food counter workers	3 037	2 776	135	—	13	122	77	49
Health service workers	2 450	1 746	661	10	312	339	38	5
Nursing aides, orderlies, and attendants	1 308	835	468	10	263	195	—	5
Practical nurses	742	539	185	—	49	136	38	—
Personal service workers	1 735	915	180	14	60	106	625	15
Hairdressers and cosmetologists	1 216	588	20	—	15	5	593	15
Private household workers	1 669	1 658	—	—	—	—	11	—
Private household workers, living in	165	165	—	—	—	—	—	—
Private household workers, living out	1 504	1 493	—	—	—	—	11	—

¹Includes 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		
JERSEY CITY SMSA								
Total								
Male, 16 years old and over	153 799	126 298	18 823	5 214	2 076	11 533	8 534	144
Professional, technical, and kindred workers	15 495	10 433	3 384	378	584	2 422	1 663	15
Accountants	1 652	1 324	204	125	42	37	124	—
Architects	121	84	11	—	7	4	26	—
Computer specialists	693	655	38	27	11	—	—	—
Engineers	1 728	1 499	197	60	49	88	32	—
Aeronautical and astronautical	18	13	5	5	—	—	—	—
Civil	304	209	84	—	38	46	11	—
Electrical and electronic	487	449	38	19	6	13	—	—
Mechanical	259	241	18	7	—	11	—	—
Other engineers	660	587	52	29	5	18	21	—
Lawyers and judges	637	441	136	23	34	79	360	—
Life and physical scientists	335	326	4	4	—	—	5	—
Chemists	319	314	—	—	—	—	5	—
Physicians, dentists, and related practitioners	1 052	303	67	6	25	36	682	—
Dentists	198	17	6	6	—	—	175	—
Pharmacists	211	138	8	—	8	—	65	—
Physicians, medical and osteopathic	571	137	53	—	17	36	381	—
Other related practitioners	72	11	—	—	—	—	61	—
Health technologists and technicians	180	124	52	4	14	34	4	—
Religious workers	422	414	8	—	—	8	—	—
Social scientists	167	137	30	—	3	27	—	—
Social and recreation workers	433	54	379	5	83	291	—	—
Teachers	2 277	703	1 549	30	183	1 336	25	—
College and university	378	227	151	6	121	24	—	—
Elementary and prekindergarten	695	120	571	10	25	536	4	—
Secondary	1 072	265	807	4	32	771	—	—
Engineering and science technicians	1 799	1 724	59	20	19	20	16	—
Draftsmen and surveyors	911	862	33	10	13	10	16	—
Electrical and electronic engineering technicians	256	246	10	5	—	5	—	—
Technicians, except health, and engineering and science	157	95	53	13	—	40	9	—
Airplane pilots	33	28	—	—	—	—	5	—
Writers, artists, and entertainers	1 253	994	44	21	—	23	215	—
Other professional, technical, and kindred workers	2 589	1 856	553	40	114	399	165	15
Managers and administrators, except farm	10 903	8 127	1 157	353	212	592	1 595	24
Buyers, purchasing agents, and sales managers	1 097	1 010	33	6	—	27	54	—
School administrators	200	12	178	—	29	149	10	—
Specified managers and administrators, public administration	665	—	665	293	107	265	—	—
Other specified managers and administrators	2 858	2 307	121	39	29	53	415	15
Managers and administrators, n.e.c., salaried	4 958	4 798	160	15	47	98	—	—
Manufacturing	1 246	1 231	15	5	5	—	—	—
Wholesale and retail trade	1 493	1 487	6	—	6	—	—	—
Transportation, communications and other public utilities	815	786	29	—	12	17	—	—
All other industries	1 404	1 294	110	10	24	76	—	—
Managers and administrators, n.e.c., self-employed	1 125	—	—	—	—	—	1 116	9
Construction	129	—	—	—	—	—	129	—
Manufacturing	124	—	—	—	—	—	124	—
Wholesale and retail trade	635	—	—	—	—	—	630	5
All other industries	237	—	—	—	—	—	233	4
Sales workers	7 788	6 512	105	34	34	37	1 148	23
Insurance agents, brokers, and underwriters	745	655	6	6	—	—	84	—
Real estate agents and brokers	270	181	17	—	9	8	72	—
Sales representatives, manufacturing industries	913	875	—	—	—	—	31	7
Sales representatives, wholesale trade	1 085	897	5	—	—	5	183	—
Sales clerks, retail trade	2 524	1 922	24	5	5	14	566	12
Salesmen, retail trade	760	668	—	—	—	—	92	—
Salesmen of services and construction	325	302	10	10	—	—	9	4
Other sales workers	1 166	1 012	43	13	20	10	111	—
Clerical and kindred workers	20 201	16 454	3 626	2 463	324	839	115	6
Bank tellers and cashiers	968	859	104	25	57	22	5	—
Bookkeepers and billing clerks	1 969	1 809	145	35	25	85	15	—
Mail handlers and postal clerks	2 240	1 536	1 704	1 680	5	19	—	—
Other clerical and kindred workers	15 024	13 250	1 673	723	237	713	95	6
Craftsmen and kindred workers	29 277	25 729	1 612	350	241	1 021	1 923	13
Apparel craftsmen and upholsterers	494	393	—	—	—	—	101	—
Bakers	498	451	—	—	—	—	47	—
Cabinetmakers	133	113	—	—	—	—	20	—
Construction craftsmen	5 929	4 812	409	96	54	259	708	—
Carpenters	1 520	1 216	74	5	12	57	230	—
Excavating, grading, and road machine operators	155	125	24	—	—	24	6	—
Electricians	1 396	1 193	114	35	22	57	89	—
Masons and tile setters	370	316	5	—	—	5	49	—
Painters, construction and maintenance, and paperhangers	783	562	96	12	14	70	125	—
Plasterers and cement finishers	191	153	16	11	—	5	22	—
Plumbers and pipe fitters	1 032	822	74	33	6	35	136	—
Other construction craftsmen	482	425	6	—	—	6	51	—
Foremen, n.e.c.	4 122	3 887	216	58	24	134	19	—
Manufacturing	2 481	2 438	33	12	—	21	10	—
Nonmanufacturing industries	1 641	1 449	183	46	24	113	9	—
Linemen and servicemen, telephone and power	1 078	1 060	5	—	—	6	7	—
Locomotive engineers and firemen	218	190	28	11	11	6	—	—
Mechanics and repairmen	7 282	6 398	440	86	61	293	435	9
Air conditioning, heating, and refrigeration	438	367	26	12	9	5	45	—
Aircraft	103	103	—	—	—	—	—	—
Automobile, including body	2 666	2 258	172	49	14	109	236	—
Radio and television	321	240	13	—	—	13	68	—
Other mechanics and repairmen	3 754	3 430	229	25	38	166	86	9
Metal craftsmen, except mechanics	2 777	2 716	25	13	9	3	36	—
Machinists and job and die setters	1 274	1 236	18	9	—	—	20	—
Sheetmetal workers and tinsmiths	348	343	—	—	—	—	5	—
Tool and die makers	436	421	4	4	—	—	11	—
Other metal craftsmen	719	716	3	—	—	3	—	—
Printing craftsmen	1 518	1 481	25	16	4	5	12	—
Compositors and typesetters	584	563	16	7	4	5	5	—
Pressmen and plate printers, printing	734	723	4	4	—	—	7	—
Stationary engineers and power station operators	512	407	105	5	8	92	—	—
Other craftsmen and kindred workers	4 716	3 821	353	60	70	223	538	4

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

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

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

JERSEY CITY SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	26 613	25 351	659	121	97	441	572	31
Assemblers.....	1 575	1 520	35	—	16	19	20	—
Checkers, examiners, and inspectors, manufacturing.....	1 473	1 428	40	11	5	24	5	—
Garage workers and gas station attendants.....	597	539	17	—	4	13	41	—
Laundry and drycleaning operatives, n.e.c.....	296	197	23	6	—	17	76	—
Meat cutters and butchers.....	958	831	11	5	—	6	97	19
Mine operatives, n.e.c.....	27	27	—	—	—	—	—	—
Packers and wrappers, except produce.....	1 694	1 665	24	5	—	19	5	—
Painters, manufactured articles.....	446	435	—	—	—	—	11	—
Precision machine operatives.....	929	915	9	—	—	9	5	—
Sawyers.....	72	72	—	—	—	—	—	—
Stationary firemen.....	429	294	135	—	8	127	—	—
Textile operatives.....	1 015	1 001	10	—	—	10	4	—
Welders and flamecutters.....	1 235	1 159	30	7	—	23	46	—
Other metalworking operatives.....	745	735	6	—	—	6	4	—
Other specified operatives.....	6 341	5 975	178	58	49	71	181	7
Miscellaneous and not specified operatives.....	8 781	8 558	141	29	15	97	77	5
Occupation:								
Machine operatives, miscellaneous specified.....	2 813	2 749	47	—	10	37	17	—
Machine operatives, not specified.....	2 969	2 924	20	12	—	8	25	—
Miscellaneous operatives.....	2 030	1 951	56	13	5	38	23	—
Not specified operatives.....	969	934	18	4	—	14	12	5
Industry:								
Manufacturing.....	7 689	7 584	69	11	—	58	36	—
Durable goods.....	3 148	3 113	22	4	—	18	13	—
Wood products, including furniture.....	185	185	—	—	—	—	—	—
Primary metal industries.....	424	424	—	—	—	—	—	—
Fabricated metal industries.....	652	649	—	—	—	—	3	—
Machinery, including electrical.....	1 163	1 145	12	4	—	8	6	—
Motor vehicles and equipment.....	113	113	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	35	35	—	—	—	—	—	—
Other durable goods.....	576	562	10	—	—	10	4	—
Nondurable goods.....	4 422	4 352	47	7	—	40	23	—
Food and kindred products.....	884	884	—	—	—	—	—	—
Apparel and other fabricated textile products.....	596	577	4	—	—	4	15	—
Paper and allied products.....	786	768	18	—	—	18	—	—
Chemicals and allied products.....	1 111	1 097	6	—	—	6	8	—
Other nondurable goods.....	1 045	1 026	19	7	—	12	—	—
Not specified manufacturing industries.....	119	119	—	—	—	—	—	—
Nonmanufacturing industries.....	1 092	974	72	18	15	39	41	5
Transportation, communications, and other public utilities.....	301	271	24	—	5	19	6	—
Wholesale and retail trade.....	408	383	—	—	—	—	20	5
All other industries.....	383	320	48	18	10	20	15	—
Transport equipment operatives.....	12 500	11 261	817	268	138	411	408	14
Bus drivers.....	886	803	69	14	22	33	14	—
Taxicab drivers and chauffeurs.....	637	536	43	24	6	13	58	—
Truck drivers and deliverymen.....	8 176	7 429	442	107	65	270	291	14
Other transport equipment operatives.....	2 801	2 493	263	123	45	95	45	—
Laborers, except farm.....	13 869	11 908	1 796	903	97	796	153	12
Construction laborers.....	1 316	1 153	156	—	44	112	7	—
Freight, stock, and material handlers.....	7 985	7 015	896	755	24	117	67	7
Other specified laborers.....	2 661	2 164	434	119	16	299	63	—
Miscellaneous and not specified laborers.....	1 907	1 576	310	29	13	268	16	5
Occupation:								
Miscellaneous laborers.....	516	326	180	16	—	164	10	—
Not specified laborers.....	1 391	1 250	130	13	13	104	6	5
Industry:								
Manufacturing.....	878	849	23	—	8	15	6	—
Durable goods.....	356	348	8	—	—	8	—	—
Wood products, including furniture.....	12	12	—	—	—	—	—	—
Metal industries.....	141	133	8	—	—	8	—	—
Machinery, including electrical.....	82	82	—	—	—	—	—	—
Transportation equipment.....	35	35	—	—	—	—	—	—
Other durable goods.....	86	86	—	—	—	—	—	—
Nondurable goods.....	468	447	15	—	8	7	6	—
Food and kindred products.....	143	128	15	—	8	7	—	—
Not specified manufacturing industries.....	54	54	—	—	—	—	—	—
Nonmanufacturing industries.....	1 029	727	287	29	5	253	10	5
Railroads and railway express service.....	155	150	5	5	—	—	—	—
Transportation, except railroads.....	109	94	15	—	5	10	—	—
Communications, and utilities and sanitary services.....	219	28	191	5	—	186	—	—
Wholesale and retail trade.....	255	245	—	—	—	—	10	—
All other industries.....	291	210	76	19	—	57	—	5
Farmers and farm managers.....	61	15	10	10	—	—	36	—
Farm laborers and farm foremen.....	159	154	5	—	—	5	—	—
Paid farm laborers and farm foremen.....	159	154	5	—	—	5	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household ¹	16 904	10 333	5 652	334	349	4 969	913	6
Cleaning service workers.....	4 346	3 358	953	182	120	651	29	6
Food service workers.....	3 401	2 926	55	22	—	33	420	—
Cooks, except private household.....	1 102	944	27	16	—	11	131	—
Busboys and dishwashers.....	328	318	10	—	—	10	—	—
Health service workers.....	287	188	92	—	—	92	7	—
Personal service workers.....	1 661	1 114	171	21	25	125	376	—
Protective service workers.....	5 460	1 457	3 992	93	178	3 721	11	—
Firemen, fire protection.....	1 535	—	1 535	—	—	1 535	—	—
Guards and watchmen.....	1 605	1 319	279	56	17	206	7	—
Policemen and detectives.....	2 111	124	1 983	29	125	1 829	4	—
Private household workers.....	29	21	—	—	—	—	8	—

¹Includes 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

JERSEY CITY SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	101 082	86 240	12 709	1 927	1 675	9 107	1 628	505
Professional, technical, and kindred workers	11 013	5 482	5 240	264	421	4 555	257	34
Accountants	462	401	61	37	3	21	—	—
Computer specialists	130	125	5	5	—	—	—	—
Librarians	166	166	120	—	14	106	—	—
Mathematical specialists	36	31	5	5	—	—	—	—
Life and physical scientists	84	78	6	—	6	—	—	—
Registered nurses, dietitians, and therapists	2 282	1 495	689	29	29	631	93	5
Dietitians	62	37	25	9	5	11	—	—
Registered nurses	2 126	1 406	622	20	24	578	93	5
Health technologists and technicians	359	269	90	5	13	72	—	—
Social scientists	35	19	16	—	—	16	—	—
Social and recreation workers	361	90	264	42	25	197	4	3
Teachers: College and university	153	38	115	9	79	27	—	—
Elementary and prekindergarten	3 177	797	2 375	31	127	2 217	5	—
Secondary	1 006	281	725	—	11	714	—	—
Other teachers	182	106	55	7	18	30	21	—
Engineering and science technicians	237	224	5	—	5	—	8	—
Technicians, except health, and engineering and science	33	33	—	—	—	—	—	—
Writers, artists, and entertainers	587	451	55	15	10	30	61	20
Actors and dancers	40	24	6	6	—	—	10	—
Authors, editors, and reporters	154	131	9	4	—	5	14	—
Other professional, technical, and kindred workers	1 723	998	654	79	81	494	65	6
Managers and administrators, except farm	2 450	1 834	315	49	58	208	282	19
Buyers, purchasing agents, and sales managers	348	326	22	4	—	18	—	—
Restaurant, cafeteria, and bar managers	141	68	—	—	—	—	—	—
School administrators	145	58	87	5	6	76	67	6
Other specified managers and administrators	542	352	168	35	40	93	22	—
Managers and administrators, n.e.c., salaried	1 068	1 030	38	5	12	21	—	—
Wholesale and retail trade	247	247	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	206	—	—	—	—	—	193	13
Wholesale and retail trade	115	—	—	—	—	—	110	5
Sales workers	5 302	4 821	58	—	7	51	320	103
Demonstrators, hucksters, and peddlers	25	20	—	—	—	—	5	—
Insurance, real estate agents, and brokers	283	262	—	—	—	—	17	4
Sales clerks, retail trade	3 472	3 118	14	—	—	14	246	94
Salesmen, retail trade	143	132	—	—	—	—	6	5
Other sales workers	1 379	1 289	44	—	7	37	46	—
Clerical and kindred workers	42 387	37 545	4 507	1 328	896	2 283	196	139
Bank tellers	900	815	85	60	7	18	—	—
Bookkeepers	4 426	4 092	246	64	33	149	54	34
Cashiers	1 736	1 624	70	—	22	48	28	14
Counter clerks, except food	488	469	9	—	5	4	10	—
Enumerators and interviewers	45	15	—	—	—	—	—	—
File clerks	1 915	1 761	154	30	40	83	—	—
Office machine operators	2 282	2 156	126	62	10	54	—	—
Bookkeeping and billing machine operators	377	336	41	16	—	25	—	—
Keypunch operators	1 377	1 263	74	46	5	23	—	—
Payroll and timekeeping clerks	571	530	41	8	4	29	—	—
Receptionists	697	622	65	37	13	15	—	—
Secretaries	10 068	9 210	792	189	227	376	25	10
Stenographers	375	253	122	9	50	63	—	—
Telephone operators	1 955	1 818	128	11	24	93	4	5
Typists	5 263	4 355	888	209	178	501	7	13
Other clerical and kindred workers	11 666	9 825	1 751	618	283	850	68	22
Craftsmen and kindred workers	1 908	1 780	72	11	—	61	49	7
Foremen, n.e.c.	766	719	34	7	—	27	6	7
Operatives, except transport	25 151	24 539	393	41	67	285	199	20
Assemblers	1 476	1 444	32	5	12	15	—	—
Bottling and canning operatives	28	28	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	1 533	1 515	18	—	5	13	—	—
Dressmakers and seamstresses, except factory	247	180	—	—	—	19	48	—
Laundry and drycleaning operatives, including ironers	886	837	36	—	4	32	13	—
Graders and sorters, manufacturing	73	73	—	—	—	—	—	—
Packers and wrappers, except produce	2 853	2 832	21	5	—	—	—	—
Sewers and stitchers	7 371	7 242	54	8	7	39	59	16
Textile operatives	771	771	—	—	—	—	—	—
Other specified operatives	4 878	4 691	126	16	28	82	61	—
Miscellaneous and not specified operatives	5 035	4 926	87	7	11	69	18	4
Manufacturing	4 655	4 580	66	7	5	54	5	4
Durable goods	1 892	1 841	46	7	—	39	5	—
Machinery, including electrical	1 085	1 046	34	7	—	27	5	—
Other durable goods	807	795	12	—	—	12	—	—
Nondurable goods, including not specified manufacturing	2 763	2 739	20	—	5	15	—	4
Food and kindred products	330	325	5	—	—	—	—	—
Apparel and other fabricated textile products	1 151	1 147	—	—	—	5	—	—
Nonmanufacturing industries	380	346	21	—	6	15	13	4
Transport equipment operatives	188	167	15	—	—	—	—	—
Laborers, except farm	923	829	75	26	13	36	16	3
Farmers and farm managers	10	—	—	—	—	—	—	—
Farm laborers and farm foremen	84	76	—	—	—	—	10	—
Paid farm laborers and farm foremen	76	76	—	—	—	—	—	8
Unpaid family workers	8	—	—	—	—	—	—	8
Service workers, except private household¹	10 391	7 898	2 034	208	213	1 613	293	166
Cleaning service workers	1 946	1 533	403	36	69	298	5	5
Chambermaids and maids	310	227	83	12	13	58	—	—
Food service workers	2 850	2 398	221	37	34	150	102	129
Cooks, except private household	359	218	72	11	13	48	29	40
Waiters and food counter workers	1 909	1 759	46	12	15	19	38	66
Health service workers	1 963	1 405	540	26	77	437	18	—
Nursing aides, orderlies, and attendants	1 228	828	400	26	59	315	—	—
Practical nurses	299	181	100	—	18	82	—	—
Personal service workers	1 556	1 219	177	44	20	113	154	6
Hairdressers and cosmetologists	950	805	9	—	—	9	136	—
Private household workers	1 275	1 269	—	—	—	—	—	—
Private household workers, living in	43	43	—	—	—	—	—	—
Private household workers, living out	1 232	1 226	—	—	—	—	—	—

¹Includes 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**

JERSEY CITY SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	11 388	9 073	1 911	888	208	815	404	—
Professional, technical, and kindred workers	587	316	200	21	14	165	71	—
Accountants	44	39	—	—	—	—	5	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	11	11	—	—	—	—	—	—
Engineers	33	14	19	5	—	14	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	14	14	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—
Mechanical	11	—	11	—	—	—	11	—
Other engineers	8	—	8	5	—	—	3	—
Lawyers and judges	17	5	9	9	—	—	—	3
Life and physical scientists	16	16	—	—	—	—	—	—
Chemists	16	16	—	—	—	—	—	—
Physicians, dentists, and related practitioners	13	9	—	—	—	—	—	4
Dentists	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	13	9	—	—	—	—	—	4
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	16	16	—	—	—	—	—	—
Religious workers	39	31	8	—	—	8	—	—
Social scientists	4	4	—	—	—	—	—	—
Social and recreation workers	49	4	45	—	5	40	—	—
Teachers	72	3	69	5	9	55	—	—
College and university	—	—	5	—	5	—	—	—
Elementary and prekindergarten	31	—	31	—	4	27	—	—
Secondary	31	3	28	—	—	28	—	—
Engineering and science technicians	41	41	—	—	—	—	—	—
Draftsmen and surveyors	22	22	—	—	—	—	—	—
Electrical and electronic engineering technicians	19	19	—	—	—	—	—	—
Technicians, except health, and engineering and science	2	—	2	2	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	19	8	—	—	—	—	—	11
Other professional, technical, and kindred workers	211	115	48	—	—	48	—	48
Managers and administrators, except farm	308	213	61	27	19	15	34	—
Buyers, purchasing agents, and sales managers	17	17	—	—	—	—	—	—
School administrators	—	—	6	—	6	—	—	—
Specified managers and administrators, public administration	22	—	22	22	—	—	—	—
Other specified managers and administrators	110	101	5	—	—	5	—	4
Managers and administrators, n.e.c., salaried	123	95	28	5	13	10	—	—
Manufacturing	29	29	—	—	—	—	—	—
Wholesale and retail trade	49	43	6	—	6	—	—	—
Transportation, communications and other public utilities	7	7	—	—	—	—	—	—
All other industries	38	16	22	5	7	10	—	—
Managers and administrators, n.e.c., self-employed	30	—	—	—	—	—	—	30
Construction	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	15	—	—	—	—	—	—	15
All other industries	15	—	—	—	—	—	—	15
Sales workers	231	228	—	—	—	—	—	3
Insurance agents, brokers, and underwriters	14	14	—	—	—	—	—	—
Real estate agents and brokers	7	7	—	—	—	—	—	—
Sales representatives, manufacturing industries	24	24	—	—	—	—	—	—
Sales representatives, wholesale trade	13	10	—	—	—	—	—	3
Sales clerks, retail trade	102	102	—	—	—	—	—	—
Salesmen, retail trade	13	13	—	—	—	—	—	—
Salesmen of services and construction	13	13	—	—	—	—	—	—
Other sales workers	45	45	—	—	—	—	—	—
Clerical and kindred workers	1 329	881	448	328	49	71	—	—
Bank tellers and cashiers	26	26	—	—	—	—	—	—
Bookkeepers and billing clerks	84	61	23	5	9	9	—	—
Mail handlers and postal clerks	265	21	244	244	—	—	—	—
Other clerical and kindred workers	954	773	181	79	40	62	—	—
Craftsmen and kindred workers	1 659	1 432	98	48	6	44	129	—
Apparel craftsmen and upholsterers	15	10	—	—	—	—	—	5
Bakers	19	19	—	—	—	—	—	—
Cabinetmakers	—	—	—	—	—	—	—	—
Construction craftsmen	142	123	4	4	—	—	—	15
Carpenters	25	25	—	—	—	—	—	—
Excavating, grading, and road machine operators	19	19	—	—	—	—	—	—
Electricians	17	17	—	—	—	—	—	—
Masons and tile setters	12	4	—	—	—	—	—	8
Painters, construction and maintenance, and paperhangers	37	30	—	—	—	—	—	7
Plasterers and cement finishers	9	5	4	4	—	—	—	—
Plumbers and pipe fitters	23	23	—	—	—	—	—	—
Other construction craftsmen	—	—	—	—	—	—	—	—
Foremen, n.e.c.	184	167	17	13	—	4	—	—
Manufacturing	110	102	8	8	—	—	—	—
Nonmanufacturing industries	74	65	9	5	—	4	—	—
Linemen and servicemen, telephone and power	44	39	5	5	—	—	—	—
Locomotive engineers and firemen	8	8	—	—	—	—	—	—
Mechanics and repairmen	489	451	16	16	—	—	—	22
Air conditioning, heating, and refrigeration	17	3	6	6	—	—	—	8
Aircraft	18	18	—	—	—	—	—	—
Automobile, including body	299	275	10	10	—	—	—	14
Radio and television	10	10	—	—	—	—	—	—
Other mechanics and repairmen	145	145	—	—	—	—	—	—
Metal craftsmen, except mechanics	98	98	—	—	—	—	—	—
Machinists and job and die setters	29	29	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	13	13	—	—	—	—	—	—
Tool and die makers	14	14	—	—	—	—	—	—
Other metal craftsmen	42	42	—	—	—	—	—	—
Printing craftsmen	92	92	—	—	—	—	—	—
Compositors and typesetters	50	50	—	—	—	—	—	—
Pressmen and plate printers, printing	42	42	—	—	—	—	—	—
Stationary engineers and power station operators	23	11	12	—	—	12	—	—
Other craftsmen and kindred workers	545	414	44	10	6	28	—	87

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

JERSEY CITY SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	2 438	2 253	161	33	12	116	24	—
Assemblers	109	109	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	54	54	—	—	—	—	—	—
Garage workers and gas station attendants	36	36	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.	35	35	—	—	—	—	—	—
Meat cutters and butchers	39	34	5	5	—	—	—	—
Mine operatives, n.e.c.	5	5	—	—	—	—	—	—
Packers and wrappers, except produce	167	162	5	—	—	5	—	—
Painters, manufactured articles	37	37	—	—	—	—	—	—
Precision machine operatives	23	23	—	—	—	—	—	—
Sawyers	—	—	—	—	—	—	—	—
Stationary firemen	65	25	40	—	8	32	—	—
Textile operatives	19	14	5	—	—	5	—	—
Welders and flamecutters	116	101	15	7	—	8	—	—
Other metalworking operatives	73	67	6	—	—	6	—	—
Other specified operatives	785	732	43	12	4	27	10	—
Miscellaneous and not specified operatives	875	819	42	9	—	33	14	—
Occupation:								
Machine operatives, miscellaneous specified	275	244	23	—	—	23	8	—
Machine operatives, not specified	386	375	5	5	—	—	6	—
Miscellaneous operatives	126	116	10	—	—	10	—	—
Not specified operatives	88	84	4	4	—	—	—	—
Industry:								
Manufacturing	772	735	23	—	—	23	14	—
Durable goods	250	241	3	—	—	3	6	—
Wood products, including furniture	—	—	—	—	—	—	—	—
Primary metal industries	97	97	—	—	—	—	—	—
Fabricated metal industries	28	28	—	—	—	—	—	—
Machinery, including electrical	75	69	—	—	—	—	6	—
Motor vehicles and equipment	—	—	—	—	—	—	—	—
Transportation equipment, except motor vehicles	5	5	—	—	—	—	—	—
Other durable goods	45	42	3	—	—	3	—	—
Nondurable goods	495	467	20	—	—	20	8	—
Food and kindred products	55	55	—	—	—	—	—	—
Apparel and other fabricated textile products	34	34	—	—	—	—	—	—
Paper and allied products	127	113	14	—	—	14	—	—
Chemicals and allied products	186	178	—	—	—	—	8	—
Other nondurable goods	93	87	6	—	—	6	—	—
Not specified manufacturing industries	27	27	—	—	—	—	—	—
Nonmanufacturing industries	103	84	19	9	—	10	—	—
Transportation, communications, and other public utilities	23	17	6	—	—	6	—	—
Wholesale and retail trade	35	35	—	—	—	—	—	—
All other industries	45	32	13	9	—	4	—	—
Transport equipment operatives	1 529	1 350	150	61	44	45	29	—
Bus drivers	95	65	30	8	13	9	—	—
Taxicab drivers and chauffeurs	40	25	15	7	—	8	—	—
Truck drivers and deliverymen	1 032	951	64	26	24	14	17	—
Other transport equipment operatives	362	309	41	20	7	14	12	—
Laborers, except farm	1 787	1 376	393	271	17	105	18	—
Construction laborers	126	109	17	—	12	5	—	—
Freight, stock, and material handlers	819	575	244	210	5	29	—	—
Other specified laborers	580	475	87	55	—	32	18	—
Miscellaneous and not specified laborers	262	217	45	6	—	39	—	—
Occupation:								
Miscellaneous laborers	75	54	21	—	—	21	—	—
Not specified laborers	187	163	24	6	—	18	—	—
Industry:								
Manufacturing	114	114	—	—	—	—	—	—
Durable goods	51	51	—	—	—	—	—	—
Wood products, including furniture	—	—	—	—	—	—	—	—
Metal industries	21	21	—	—	—	—	—	—
Machinery, including electrical	24	24	—	—	—	—	—	—
Transportation equipment	—	—	—	—	—	—	—	—
Other durable goods	6	6	—	—	—	—	—	—
Nondurable goods	59	59	—	—	—	—	—	—
Food and kindred products	22	22	—	—	—	—	—	—
Not specified manufacturing industries	4	4	—	—	—	—	—	—
Nonmanufacturing industries	148	103	45	6	—	39	—	—
Railroads and railway express service	33	33	—	—	—	—	—	—
Transportation, except railroads	16	10	6	—	—	6	—	—
Communications, and utilities and sanitary services	33	7	26	—	—	26	—	—
Wholesale and retail trade	49	49	—	—	—	—	—	—
All other industries	17	4	13	6	—	7	—	—
Farmers and farm managers	33	5	10	10	—	—	18	—
Farm laborers and farm foremen	60	60	—	—	—	—	—	—
Paid farm laborers and farm foremen	60	60	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	1 413	953	390	89	47	254	70	—
Cleaning service workers	482	357	114	46	18	50	11	—
Food service workers	184	175	9	9	—	—	—	—
Cooks, except private household	60	51	9	9	—	—	—	—
Busboys and dishwashers	14	14	—	—	—	—	—	—
Health service workers	102	50	45	—	—	45	7	—
Personal service workers	136	88	23	11	3	9	25	—
Protective service workers	188	36	152	11	22	119	—	—
Firemen, fire protection	28	—	28	—	—	—	—	—
Guards and watchmen	57	36	21	6	6	9	—	—
Policemen and detectives	103	—	103	5	16	82	—	—
Private household workers	14	6	—	—	—	—	8	—

¹Includes 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

JERSEY CITY SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	9 309	7 440	1 763	531	305	927	70	36
Professional, technical, and kindred workers	749	314	425	78	92	255	10	—
Accountants	15	8	7	7	—	—	—	—
Computer specialists	8	3	5	5	—	—	—	—
Librarians	5	—	5	—	5	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	6	6	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	159	71	88	9	21	58	—	—
Dietitians	10	—	10	5	5	—	—	—
Registered nurses	142	64	78	4	16	58	—	—
Health technologists and technicians	58	52	6	—	—	6	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	38	—	38	16	7	15	—	—
Teachers: College and university	26	—	26	9	9	8	—	—
Elementary and prekindergarten	179	34	145	12	28	105	—	—
Secondary	17	4	13	—	—	13	—	—
Other teachers	14	—	10	—	6	4	6	—
Engineering and science technicians	13	13	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	37	25	8	—	—	8	4	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	172	98	74	20	16	38	—	—
Managers and administrators, except farm	98	34	46	14	7	25	18	—
Buyers, purchasing agents, and sales managers	7	7	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	7	—	—	—	—	—	7	—
School administrators	—	—	—	—	—	—	—	—
Other specified managers and administrators	48	9	34	9	—	25	5	—
Managers and administrators, n.e.c., salaried	30	18	12	5	7	—	—	—
Wholesale and retail trade	6	6	—	—	—	—	—	6
Managers and administrators, n.e.c., self-employed	6	—	—	—	—	—	—	6
Wholesale and retail trade	6	—	—	—	—	—	—	6
Sales workers	194	190	—	—	—	—	4	—
Demonstrators, hucksters, and peddlers	7	7	—	—	—	—	—	—
Insurance, real estate agents, and brokers	7	7	—	—	—	—	—	—
Sales clerks, retail trade	126	122	—	—	—	—	4	—
Salesmen, retail trade	3	3	—	—	—	—	—	—
Other sales workers	51	51	—	—	—	—	—	—
Clerical and kindred workers	2 875	2 197	673	292	88	293	5	—
Bank tellers	55	47	8	—	—	8	—	—
Bookkeepers	154	133	21	6	5	10	—	—
Cashiers	124	113	11	—	4	7	—	—
Counter clerks, except food	38	38	—	—	—	—	—	—
Enumerators and interviewers	14	—	14	14	—	—	—	—
File clerks	131	111	20	5	—	15	—	—
Office machine operators	157	125	32	25	—	7	—	—
Bookkeeping and billing machine operators	11	5	6	6	—	—	—	—
Keypunch operators	120	94	26	19	—	7	—	—
Payroll and timekeeping clerks	14	5	9	4	—	5	—	—
Receptionists	4	4	—	—	—	—	—	—
Secretaries	265	223	42	18	15	9	—	—
Stenographers	—	—	—	—	—	—	—	—
Telephone operators	285	264	21	—	—	21	—	—
Typists	346	282	64	28	6	30	—	—
Other clerical and kindred workers	1 288	852	431	192	58	181	5	—
Craftsmen and kindred workers	109	92	9	—	—	9	8	—
Foremen, n.e.c.	46	37	9	—	—	9	—	—
Operatives, except transport	2 776	2 684	92	—	23	69	—	—
Assemblers	176	176	—	—	—	—	—	—
Bottling and canning operatives	8	8	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	169	160	9	—	—	9	—	—
Dressmakers and seamstresses, except factory	3	3	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	382	378	4	—	4	—	—	—
Graders and sorters, manufacturing	19	19	—	—	—	—	—	—
Packers and wrappers, except produce	273	273	—	—	—	—	—	—
Sewers and stitchers	388	376	12	—	7	5	—	—
Textile operatives	17	17	—	—	—	—	—	—
Other specified operatives	791	758	33	—	12	21	—	—
Miscellaneous and not specified operatives	550	516	34	—	—	34	—	—
Manufacturing	494	475	19	—	—	19	—	—
Durable goods	217	198	19	—	—	19	—	—
Machinery, including electrical	114	114	12	—	—	12	—	—
Other durable goods	103	96	7	—	—	7	—	—
Nondurable goods, including not specified manufacturing	277	277	—	—	—	—	—	—
Food and kindred products	39	39	—	—	—	—	—	—
Apparel and other fabricated textile products	88	88	—	—	—	—	—	—
Nonmanufacturing industries	56	41	15	—	—	15	—	—
Transport equipment operatives	26	26	—	—	—	—	—	—
Laborers, except farm	134	125	6	6	—	—	—	3
Farmers and farm managers	10	—	—	—	—	—	10	—
Farm laborers and farm foremen	42	34	—	—	—	—	—	8
Paid farm laborers and farm foremen	34	34	—	—	—	—	—	—
Unpaid family workers	8	—	—	—	—	—	—	8
Service workers, except private household¹	1 560	1 008	512	141	95	276	15	25
Cleaning service workers	196	156	40	7	17	16	—	—
Chambermaids and maids	94	88	6	—	—	6	—	—
Food service workers	246	143	78	18	23	37	—	25
Cooks, except private household	88	56	28	4	13	11	—	4
Waiters and food counter workers	77	50	10	—	10	—	—	17
Health service workers	635	370	260	26	51	183	5	—
Nursing aides, orderlies, and attendants	467	291	196	26	42	128	—	—
Practical nurses	115	50	60	—	9	51	5	—
Personal service workers	134	76	48	25	4	19	10	—
Hairdressers and cosmetologists	65	50	5	—	—	5	10	—
Private household workers	736	736	—	—	—	—	—	—
Private household workers, living in	8	8	—	—	—	—	—	—
Private household workers, living out	728	728	—	—	—	—	—	—

¹Includes 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

JERSEY CITY SMSA—Continued

Persons of Puerto Rican Birth or Parentage

Male, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	6 631	6 126	376	160	45	171	129	—
Professional, technical, and kindred workers	201	125	63	20	16	27	13	—
Accountants	7	7	—	—	—	—	—	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	8	8	—	—	—	—	—	—
Engineers	37	24	13	13	—	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	5	5	—	—	—	—	—	—
Electrical and electronic	13	—	13	13	—	—	—	—
Mechanical	19	19	—	—	—	—	—	—
Other engineers	—	—	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	7	—	7	—	—	—	7	—
Dentists	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	7	—	7	—	—	—	7	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—
Religious workers	14	14	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	19	—	19	—	7	—	12	—
Teachers	22	7	15	7	—	—	8	—
College and university	7	7	—	—	—	—	—	—
Elementary and prekindergarten	—	—	—	—	—	—	—	—
Secondary	8	—	8	—	—	—	8	—
Engineering and science technicians	9	—	9	—	9	—	—	—
Draftsmen and surveyors	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	41	28	—	—	—	—	—	13
Other professional, technical, and kindred workers	37	37	—	—	—	—	—	—
Managers and administrators, except farm	156	113	9	—	—	9	34	—
Buyers, purchasing agents, and sales managers	15	8	—	—	—	—	7	—
School administrators	—	—	—	—	—	—	—	—
Specified managers and administrators, public administration	—	—	—	—	—	—	—	—
Other specified managers and administrators	56	35	—	—	—	—	21	—
Managers and administrators, n.e.c., salaried	79	70	9	—	—	9	—	—
Manufacturing	13	13	—	—	—	—	—	—
Wholesale and retail trade	34	34	—	—	—	—	—	—
Transportation, communications and other public utilities	11	11	—	—	—	—	—	—
All other industries	21	12	9	—	—	9	—	—
Managers and administrators, n.e.c., self-employed	6	—	—	—	—	—	6	—
Construction	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	6	—	—	—	—	—	6	—
All other industries	—	—	—	—	—	—	—	—
Sales workers	211	193	—	—	—	—	18	—
Insurance agents, brokers, and underwriters	18	18	—	—	—	—	—	—
Real estate agents and brokers	6	—	—	—	—	—	6	—
Sales representatives, manufacturing industries	—	—	—	—	—	—	—	—
Sales representatives, wholesale trade	30	23	—	—	—	—	7	—
Sales clerks, retail trade	101	96	—	—	—	—	5	—
Salesmen, retail trade	41	41	—	—	—	—	—	—
Salesmen of services and construction	8	8	—	—	—	—	—	—
Other sales workers	7	7	—	—	—	—	—	—
Clerical and kindred workers	573	491	82	82	—	—	—	—
Bank tellers and cashiers	22	22	—	—	—	—	—	—
Bookkeepers and billing clerks	22	22	—	—	—	—	—	—
Mail handlers and postal clerks	65	10	55	55	—	—	—	—
Other clerical and kindred workers	464	437	27	27	—	—	—	—
Craftsmen and kindred workers	1 061	995	32	7	—	25	34	—
Apparel craftsmen and upholsterers	48	48	—	—	—	—	—	—
Bakers	26	26	—	—	—	—	—	—
Cabinetmakers	12	12	—	—	—	—	—	—
Construction craftsmen	135	135	—	—	—	—	—	—
Carpenters	49	49	—	—	—	—	—	—
Excavating, grading, and road machine operators	9	9	—	—	—	—	—	—
Electricians	18	18	—	—	—	—	—	—
Masons and tile setters	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	35	35	—	—	—	—	—	—
Plasterers and cement finishers	7	7	—	—	—	—	—	—
Plumbers and pipe fitters	6	6	—	—	—	—	—	—
Other construction craftsmen	11	11	—	—	—	—	—	—
Foremen, n.e.c.	151	145	6	—	—	6	—	—
Manufacturing	133	133	—	—	—	—	—	—
Nonmanufacturing industries	18	12	6	—	—	6	—	—
Linemen and servicemen, telephone and power	10	10	—	—	—	—	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	399	343	26	7	—	19	30	—
Air conditioning, heating, and refrigeration	40	40	—	—	—	—	—	—
Aircraft	—	—	—	—	—	—	—	—
Automobile, including body	176	159	12	7	—	5	5	—
Radio and television	40	24	—	—	—	—	16	—
Other mechanics and repairmen	143	120	14	—	—	14	9	—
Metal craftsmen, except mechanics	66	66	—	—	—	—	—	—
Machinists and job and die setters	61	61	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	—	—	—	—	—	—	—	—
Tool and die makers	—	—	—	—	—	—	—	—
Other metal craftsmen	5	5	—	—	—	—	—	—
Printing craftsmen	49	49	—	—	—	—	—	—
Compositors and typesetters	31	31	—	—	—	—	—	—
Pressmen and plate printers, printing	14	14	—	—	—	—	—	—
Stationary engineers and power station operators	7	7	—	—	—	—	—	—
Other craftsmen and kindred workers	158	154	—	—	—	—	4	—

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

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

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

JERSEY CITY SMSA—Continued

Persons of Puerto Rican Birth or Parentage—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	2 264	2 242	22	5	—	17	—	—
Assemblers.....	144	144	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	57	57	—	—	—	—	—	—
Garage workers and gas station attendants.....	38	38	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	29	29	—	—	—	—	—	—
Meat cutters and butchers.....	46	46	—	—	—	—	—	—
Mine operatives, n.e.c.....	—	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	274	270	4	—	—	4	—	—
Painters, manufactured articles.....	47	47	—	—	—	—	—	—
Precision machine operatives.....	57	51	6	—	—	6	—	—
Sawyers.....	—	—	—	—	—	—	—	—
Stationary firemen	—	—	—	—	—	—	—	—
Textile operatives.....	131	131	—	—	—	—	—	—
Welders and flamecutters.....	69	69	—	—	—	—	—	—
Other metalworking operatives.....	79	79	—	—	—	—	—	—
Other specified operatives.....	461	461	—	—	—	—	—	—
Miscellaneous and not specified operatives.....	832	820	12	5	—	7	—	—
Occupation:								
Machine operatives, miscellaneous specified.....	274	274	—	—	—	—	—	—
Machine operatives, not specified.....	293	293	—	—	—	—	—	—
Miscellaneous operatives.....	161	156	5	5	—	—	—	—
Not specified operatives.....	104	97	7	—	—	7	—	—
Industry:								
Manufacturing.....	760	753	7	—	—	7	—	—
Durable goods.....	267	260	7	—	—	7	—	—
Wood products, including furniture.....	36	36	—	—	—	—	—	—
Primary metal industries.....	12	12	—	—	—	—	—	—
Fabricated metal industries.....	39	39	—	—	—	—	—	—
Machinery, including electrical.....	91	84	7	—	—	7	—	—
Motor vehicles and equipment.....	—	—	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	—	—	—	—	—	—	—	—
Other durable goods.....	89	89	—	—	—	—	—	—
Nondurable goods.....	485	485	—	—	—	—	—	—
Food and kindred products.....	35	35	—	—	—	—	—	—
Apparel and other fabricated textile products.....	52	52	—	—	—	—	—	—
Paper and allied products.....	188	188	—	—	—	—	—	—
Chemicals and allied products.....	58	58	—	—	—	—	—	—
Other nondurable goods.....	152	152	—	—	—	—	—	—
Not specified manufacturing industries.....	8	8	—	—	—	—	—	—
Nonmanufacturing industries.....	72	67	5	5	—	—	—	—
Transportation, communications, and other public utilities.....	14	14	—	—	—	—	—	—
Wholesale and retail trade.....	24	24	—	—	—	—	—	—
All other industries.....	34	29	5	5	—	—	—	—
Transport equipment operatives	549	530	19	—	9	10	—	—
Bus drivers.....	6	6	—	—	—	—	—	—
Taxicab drivers and chauffeurs.....	27	27	—	—	—	—	—	—
Truck drivers and deliverymen.....	372	368	4	—	—	4	—	—
Other transport equipment operatives.....	144	129	15	—	9	6	—	—
Laborers, except farm	752	679	55	37	—	18	18	—
Construction laborers.....	52	39	4	—	—	4	9	—
Freight, stock, and material handlers.....	377	331	37	37	—	—	9	—
Other specified laborers.....	105	105	—	—	—	—	—	—
Miscellaneous and not specified laborers.....	218	204	14	—	—	14	—	—
Occupation:								
Miscellaneous laborers.....	42	42	—	—	—	—	—	—
Not specified laborers.....	176	162	14	—	—	14	—	—
Industry:								
Manufacturing.....	85	85	—	—	—	—	—	—
Durable goods.....	6	6	—	—	—	—	—	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	6	6	—	—	—	—	—	—
Machinery, including electrical.....	—	—	—	—	—	—	—	—
Transportation equipment.....	—	—	—	—	—	—	—	—
Other durable goods.....	—	—	—	—	—	—	—	—
Nondurable goods.....	55	55	—	—	—	—	—	—
Food and kindred products.....	—	—	—	—	—	—	—	—
Not specified manufacturing industries.....	24	24	—	—	—	—	—	—
Nonmanufacturing industries.....	133	119	14	—	—	14	—	—
Railroads and railway express service.....	11	11	—	—	—	—	—	—
Transportation, except railroads.....	16	16	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	10	—	10	—	—	10	—	—
Wholesale and retail trade.....	23	23	—	—	—	—	—	—
All other industries.....	73	69	4	—	—	4	—	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	12	12	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	12	12	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	852	746	94	9	20	65	12	—
Cleaning service workers.....	295	266	29	9	20	—	—	—
Food service workers.....	311	305	—	—	—	—	6	—
Cooks, except private household.....	114	114	—	—	—	—	—	—
Busboys and dishwashers.....	56	56	—	—	—	—	—	—
Health service workers.....	31	31	—	—	—	—	—	—
Personal service workers.....	82	53	23	—	—	23	6	—
Protective service workers.....	48	30	18	—	—	18	—	—
Firemen, fire protection.....	—	—	—	—	—	—	—	—
Guards and watchmen.....	22	19	3	—	—	3	—	—
Policemen and detectives.....	26	11	15	—	—	15	—	—
Private household workers	—	—	—	—	—	—	—	—

¹Includes 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

JERSEY CITY SMSA—Continued

Persons of Puerto Rican Birth or Parentage—Continued

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers	
			Total	Federal	State			Local
Female, 16 years old and over	3 217	2 903	263	44	31	188	39	12
Professional, technical, and kindred workers	142	51	91	16	12	63	--	--
Accountants.....	--	--	--	--	--	--	--	--
Computer specialists.....	--	--	--	--	--	--	--	--
Librarians.....	--	--	--	--	--	--	--	--
Mathematical specialists.....	--	--	--	--	--	--	--	--
Life and physical scientists.....	--	--	--	--	--	--	--	--
Registered nurses, dietitians, and therapists.....	15	15	--	--	--	--	--	--
Dietitians.....	4	4	--	--	--	--	--	--
Registered nurses.....	11	11	--	--	--	--	--	--
Health technologists and technicians.....	6	6	--	--	--	--	--	--
Social scientists.....	--	--	--	--	--	--	--	--
Social and recreation workers.....	18	3	15	--	--	15	--	--
Teachers: College and university.....	--	--	--	--	--	--	--	--
Elementary and prekindergarten.....	27	6	21	--	7	14	--	--
Secondary.....	--	--	--	--	--	--	--	--
Other teachers.....	11	6	5	--	5	--	--	--
Engineering and science technicians.....	--	--	--	--	--	--	--	--
Technicians, except health, and engineering and science.....	--	--	--	--	--	--	--	--
Writers, artists, and entertainers.....	42	15	27	9	--	18	--	--
Actors and dancers.....	9	--	9	9	--	--	--	--
Authors, editors, and reporters.....	--	--	--	--	--	--	--	--
Other professional, technical, and kindred workers.....	23	--	23	7	--	16	--	--
Managers and administrators, except farm	45	22	23	--	--	23	--	--
Buyers, purchasing agents, and sales managers.....	24	15	9	--	--	9	--	--
Restaurant, cafeteria, and bar managers.....	--	--	--	--	--	--	--	--
School administrators.....	--	--	--	--	--	--	--	--
Other specified managers and administrators.....	--	--	--	--	--	--	--	--
Managers and administrators, n.e.c., salaried.....	21	7	14	--	--	14	--	--
Wholesale and retail trade.....	--	--	--	--	--	--	--	--
Managers and administrators, n.e.c., self-employed.....	--	--	--	--	--	--	--	--
Wholesale and retail trade.....	--	--	--	--	--	--	--	--
Sales workers	179	151	--	--	--	--	28	--
Demonstrators, hucksters, and peddlers.....	--	--	--	--	--	--	--	--
Insurance, real estate agents, and brokers.....	--	--	--	--	--	--	--	--
Sales clerks, retail trade.....	143	115	--	--	--	--	28	--
Salesmen, retail trade.....	8	8	--	--	--	--	--	--
Other sales workers.....	28	28	--	--	--	--	--	--
Clerical and kindred workers	720	640	80	6	10	64	--	--
Bank tellers.....	17	7	10	--	10	--	--	--
Bookkeepers.....	22	22	--	--	--	--	--	--
Cashiers.....	29	29	--	--	--	--	--	--
Counter clerks, except food.....	6	6	--	--	--	--	--	--
Enumerators and interviewers.....	--	--	--	--	--	--	--	--
File clerks.....	39	33	6	6	--	--	--	--
Office machine operators.....	42	42	--	--	--	--	--	--
Bookkeeping and billing machine operators.....	6	6	--	--	--	--	--	--
Keypunch operators.....	36	36	--	--	--	--	--	--
Payroll and timekeeping clerks.....	11	5	6	--	--	6	--	--
Receptionists.....	--	--	--	--	--	--	--	--
Secretaries.....	167	147	20	--	--	20	--	--
Stenographers.....	--	--	--	--	--	--	--	--
Telephone operators.....	9	9	--	--	--	--	--	--
Typists.....	166	149	17	--	--	17	--	--
Other clerical and kindred workers.....	212	191	21	--	--	21	--	--
Craftsmen and kindred workers	81	81	--	--	--	--	--	--
Foremen, n.e.c.....	29	29	--	--	--	--	--	--
Operatives, except transport	1 637	1 604	22	22	--	--	11	--
Assemblers.....	126	126	--	--	--	--	--	--
Bottling and canning operatives.....	--	--	--	--	--	--	--	--
Checkers, examiners, and inspectors; manufacturing.....	39	39	--	--	--	--	--	--
Dressmakers and seamstresses, except factory.....	10	10	--	--	--	--	--	--
Laundry and drycleaning operatives, including ironers.....	73	73	--	--	--	--	--	--
Graders and sorters, manufacturing.....	--	--	--	--	--	--	--	--
Packers and wrappers, except produce.....	183	183	--	--	--	--	--	--
Sewers and stitchers.....	507	497	10	10	--	--	--	--
Textile operatives.....	64	64	--	--	--	--	--	--
Other specified operatives.....	153	153	--	--	--	--	--	--
Miscellaneous and not specified operatives.....	482	459	12	12	--	--	11	--
Manufacturing.....	471	459	12	12	--	--	--	--
Durable goods.....	127	115	12	12	--	--	--	--
Machinery, including electrical.....	46	36	12	12	--	--	--	--
Other durable goods.....	79	79	--	--	--	--	--	--
Nondurable goods, including not specified manufacturing.....	344	344	--	--	--	--	--	--
Food and kindred products.....	18	18	--	--	--	--	--	--
Apparel and other fabricated textile products.....	162	162	--	--	--	--	--	--
Nonmanufacturing industries.....	11	--	--	--	--	--	11	--
Transport equipment operatives.....	22	22	--	--	--	--	--	--
Laborers, except farm	37	37	--	--	--	--	--	--
Farmers and farm managers.....	--	--	--	--	--	--	--	--
Farm laborers and farm foremen.....	7	7	--	--	--	--	--	--
Paid farm laborers and farm foremen.....	7	7	--	--	--	--	--	--
Unpaid family workers.....	--	--	--	--	--	--	--	--
Service workers, except private household¹	331	272	47	--	9	38	--	12
Cleaning service workers.....	50	50	--	--	--	--	--	--
Chambermaids and maids.....	27	27	--	--	--	--	--	--
Food service workers.....	80	68	--	--	--	--	--	12
Cooks, except private household.....	20	8	--	--	--	--	--	12
Waiters and food counter workers.....	45	45	--	--	--	--	--	--
Health service workers.....	45	15	30	--	--	30	--	--
Nursing aides, orderlies, and attendants.....	39	15	24	--	--	24	--	--
Practical nurses.....	6	--	6	--	--	--	6	--
Personal service workers.....	84	76	8	--	--	8	--	--
Hairdressers and cosmetologists.....	68	68	--	--	--	--	--	--
Private household workers	16	16	--	--	--	--	--	--
Private household workers, living in.....	--	--	--	--	--	--	--	--
Private household workers, living out.....	16	16	--	--	--	--	--	--

¹Includes 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

NEWARK SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	467 528	378 080	54 775	16 418	7 083	31 274	34 311	362
Professional, technical, and kindred workers	83 515	58 526	15 250	3 685	2 565	9 000	9 704	35
Accountants.....	7 237	5 517	676	427	157	92	1 044	—
Architects.....	546	331	8	8	—	—	207	—
Computer specialists.....	2 974	2 879	85	56	4	25	10	—
Engineers.....	18 247	15 857	1 941	1 502	218	221	449	—
Aeronautical and astronautical.....	138	113	25	25	—	—	—	—
Civil.....	1 858	1 434	295	51	100	144	129	—
Electrical and electronic.....	4 651	4 350	256	206	27	23	45	—
Mechanical.....	3 080	2 419	597	558	24	15	64	—
Other engineers.....	8 520	7 541	768	662	67	39	211	—
Lawyers and judges.....	4 015	1 409	463	94	185	184	2 143	—
Life and physical scientists	3 820	3 511	243	218	—	25	66	—
Chemists.....	2 996	2 820	130	118	—	12	46	—
Physicians, dentists, and related practitioners.....	5 861	1 693	406	147	168	91	3 762	—
Dentists.....	1 213	125	16	10	6	—	1 072	—
Pharmacists.....	949	760	36	6	14	16	153	—
Physicians, medical and osteopathic.....	3 197	727	338	131	137	70	2 132	—
Other related practitioners.....	502	81	16	—	11	5	405	—
Health technologists and technicians.....	589	434	123	36	44	43	26	6
Religious workers.....	1 487	1 318	20	5	5	10	149	—
Social scientists.....	1 487	1 256	148	23	23	102	83	—
Social and recreation workers	1 108	257	845	60	145	640	6	—
Teachers.....	10 058	2 449	7 374	34	977	6 363	235	—
College and university.....	1 829	903	926	5	752	169	—	—
Elementary and prekindergarten.....	2 389	325	2 064	—	92	1 972	—	—
Secondary.....	5 137	847	4 290	6	112	4 172	—	—
Engineering and science technicians.....	8 172	7 501	593	459	71	63	78	—
Draftsmen and surveyors.....	3 674	3 395	233	182	19	32	46	—
Electrical and electronic engineering technicians.....	1 372	1 257	115	96	14	5	—	—
Technicians, except health, and engineering and science.....	866	717	132	78	16	38	17	—
Airplane pilots.....	459	446	—	—	—	—	13	—
Writers, artists, and entertainers.....	6 129	5 001	214	105	21	87	902	12
Other professional, technical, and kindred workers.....	10 919	8 396	1 979	432	531	1 016	527	17
Managers and administrators, except farm	59 435	49 395	4 588	1 344	937	2 307	5 405	47
Buyers, purchasing agents, and sales managers.....	8 624	8 151	130	61	49	20	339	4
School administrators.....	1 290	300	985	4	135	846	5	—
Specified managers and administrators, public administration.....	2 180	—	2 180	936	422	822	—	—
Other specified managers and administrators.....	10 413	9 001	477	126	136	215	930	5
Managers and administrators, n.e.c., salaried.....	32 759	31 943	816	217	195	404	—	—
Manufacturing.....	12 571	12 438	133	133	—	—	—	—
Wholesale and retail trade.....	7 611	7 603	8	4	4	—	—	—
Transportation, communications and other public utilities.....	2 939	2 825	114	11	15	88	—	—
All other industries.....	9 638	9 077	561	69	176	316	—	—
Managers and administrators, n.e.c., self-employed.....	4 169	—	—	—	—	—	4 131	38
Construction.....	717	—	—	—	—	—	717	—
Manufacturing.....	413	—	—	—	—	—	402	11
Wholesale and retail trade.....	2 051	—	—	—	—	—	2 041	10
All other industries.....	988	—	—	—	—	—	971	17
Sales workers	38 400	33 237	246	74	43	129	4 856	61
Insurance agents, brokers, and underwriters.....	4 986	4 293	34	12	14	8	653	6
Real estate agents and brokers.....	1 655	1 152	14	5	9	—	489	—
Sales representatives, manufacturing industries.....	6 067	5 833	11	—	—	11	225	—
Sales representatives, wholesale trade.....	6 187	5 443	40	5	—	35	704	—
Sales clerks, retail trade.....	8 457	6 912	37	22	—	—	1 471	37
Salesmen, retail trade.....	3 217	2 846	11	—	—	11	356	4
Salesmen of services and construction.....	1 922	1 705	30	6	11	13	183	4
Other sales workers.....	5 909	5 053	69	24	9	36	777	10
Clerical and kindred workers	42 344	32 929	8 876	6 702	710	1 464	527	12
Bank tellers and cashiers.....	1 803	1 565	209	30	151	28	29	—
Bookkeepers and billing clerks.....	3 663	3 288	243	105	37	101	132	—
Mail handlers and postal clerks.....	5 791	842	4 944	4 909	5	30	5	—
Other clerical and kindred workers.....	31 087	27 234	3 480	1 658	517	1 305	361	12
Craftsmen and kindred workers	87 939	75 521	4 812	1 408	729	2 675	7 552	54
Apparel craftsmen and upholsterers.....	1 270	990	46	10	26	10	234	—
Bakers.....	1 229	1 093	26	11	5	—	104	6
Cabinetmakers.....	582	430	9	—	—	—	143	—
Construction craftsmen.....	20 580	15 635	1 326	197	230	899	3 613	6
Carpenters.....	5 137	3 701	276	48	41	187	1 160	—
Excavating, grading, and road machine operators.....	1 199	943	166	5	24	137	90	—
Electricians.....	3 843	3 304	242	37	73	132	297	—
Masons and tile setters.....	2 178	1 778	64	5	6	53	336	—
Painters, construction and maintenance, and paperhangers.....	2 950	1 526	316	53	38	225	1 102	6
Plasterers and cement finishers.....	546	451	48	4	22	22	47	—
Plumbers and pipe fitters.....	3 367	2 779	201	45	23	133	387	—
Other construction craftsmen.....	1 360	1 153	13	—	3	10	194	—
Foremen, n.e.c.....	14 454	13 499	814	250	105	459	131	10
Manufacturing.....	9 233	9 071	117	99	13	5	45	—
Nonmanufacturing industries.....	5 221	4 428	697	151	92	454	86	10
Linemen and servicemen, telephone and power.....	3 257	3 189	60	21	19	20	8	—
Locomotive engineers and firemen.....	234	229	5	—	5	—	—	—
Mechanics and repairmen.....	19 262	16 633	1 021	382	119	520	1 597	11
Air conditioning, heating, and refrigeration.....	1 095	919	22	14	—	8	154	—
Aircraft.....	377	330	42	37	5	—	5	—
Automobile, including body.....	7 619	6 336	389	131	53	205	883	11
Radio and television.....	1 061	756	63	30	5	28	242	—
Other mechanics and repairmen.....	9 110	8 292	505	170	56	279	313	—
Metal craftsmen, except mechanics	11 323	10 716	381	291	32	58	226	—
Machinists and job and die setters.....	5 033	4 832	102	66	16	20	99	—
Sheetmetal workers and tinsmiths.....	1 242	1 178	48	34	10	4	16	—
Tool and die makers.....	3 289	3 094	115	101	—	14	80	—
Other metal craftsmen.....	1 759	1 612	116	90	6	20	31	—
Printing craftsmen.....	3 345	3 177	56	8	5	43	112	—
Compositors and typesetters.....	1 421	1 357	14	—	5	9	50	—
Pressmen and plate printers, printing.....	1 430	1 354	31	8	—	23	45	—
Stationary engineers and power station operators.....	1 399	1 105	277	60	35	182	11	6
Other craftsmen and kindred workers.....	11 004	8 825	791	169	148	474	1 373	15

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

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

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

NEWARK SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	61 500	58 243	2 006	897	315	794	1 200	51
Assemblers.....	5 451	5 308	104	59	8	37	39	—
Checkers, examiners, and inspectors; manufacturing.....	4 554	4 219	325	265	24	36	10	—
Garage workers and gas station attendants.....	2 172	1 967	28	11	—	17	155	22
Laundry and drycleaning operatives, n.e.c.....	631	428	36	—	24	12	167	—
Meat cutters and butchers.....	2 263	1 950	52	19	4	29	257	4
Mine operatives, n.e.c.....	80	73	7	—	—	—	—	—
Packers and wrappers, except produce.....	2 893	2 781	85	48	7	30	27	—
Painters, manufactured articles.....	935	915	14	10	4	—	6	—
Precision machine operatives.....	4 065	3 994	44	24	4	16	27	—
Sawyers.....	276	273	3	3	—	—	—	—
Stationary firemen.....	926	658	268	47	32	189	—	—
Textile operatives.....	522	506	16	—	16	—	—	—
Welders and flamecutters.....	2 796	2 688	49	22	11	16	54	5
Other metalworking operatives.....	3 146	3 044	77	34	19	24	25	—
Other specified operatives.....	11 221	10 606	345	116	56	173	257	13
Miscellaneous and not specified operatives.....	19 569	18 833	553	239	99	215	176	7
Occupation:								
Machine operatives, miscellaneous specified.....	6 959	6 705	217	102	46	69	37	—
Machine operatives, not specified.....	7 050	6 871	142	65	26	51	37	—
Miscellaneous operatives.....	3 726	3 503	143	40	23	80	73	7
Not specified operatives.....	1 834	1 754	51	32	4	15	29	—
Industry:								
Manufacturing	17 551	17 087	363	214	58	91	101	—
Durable goods.....	9 151	8 785	303	200	37	66	63	—
Wood products, including furniture.....	379	363	6	—	—	6	10	—
Primary metal industries.....	1 519	1 477	42	22	8	12	—	—
Fabricated metal industries.....	1 593	1 576	11	—	—	11	6	—
Machinery, including electrical.....	3 158	3 025	106	49	20	37	27	—
Motor vehicles and equipment.....	297	297	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	128	128	—	—	—	—	—	—
Other durable goods.....	2 077	1 919	138	129	9	—	20	—
Nondurable goods.....	8 118	8 025	55	14	21	20	38	—
Food and kindred products.....	1 093	1 089	4	4	—	—	—	—
Apparel and other fabricated textile products.....	129	124	—	—	—	—	5	—
Paper and allied products.....	1 012	997	11	—	—	11	4	—
Chemicals and allied products.....	3 401	3 361	25	5	11	9	15	—
Other nondurable goods.....	2 483	2 454	15	5	10	—	14	—
Not specified manufacturing industries.....	282	277	5	—	—	5	—	—
Nonmanufacturing industries	2 018	1 746	190	25	41	124	75	7
Transportation, communications, and other public utilities.....	516	449	67	6	4	57	—	—
Wholesale and retail trade.....	707	660	6	—	—	6	34	7
All other industries.....	795	637	117	19	37	61	41	—
Transport equipment operatives	26 074	23 173	1 456	416	202	838	1 431	14
Bus drivers.....	1 784	1 589	169	16	11	142	26	—
Taxicab drivers and chauffeurs.....	1 418	1 109	93	26	10	57	216	—
Truck drivers and deliverymen.....	17 860	15 785	959	243	161	555	1 106	10
Other transport equipment operatives.....	5 012	4 690	235	131	20	84	83	4
Laborers, except farm	26 772	22 980	2 987	866	261	1 860	778	27
Construction laborers.....	4 711	4 075	625	25	103	497	5	6
Freight, stack, and material handlers.....	12 371	11 149	1 073	623	23	427	149	—
Other specified laborers.....	6 653	5 268	834	115	106	613	530	21
Miscellaneous and not specified laborers.....	3 037	2 488	455	103	29	323	94	—
Occupation:								
Miscellaneous laborers.....	888	575	248	59	5	184	65	—
Not specified laborers.....	2 149	1 913	207	44	24	139	29	—
Industry:								
Manufacturing	1 454	1 400	43	37	—	6	11	—
Durable goods.....	896	859	37	31	—	6	—	—
Wood products, including furniture.....	24	18	6	—	—	6	—	—
Metal industries.....	422	418	4	4	—	—	—	—
Machinery, including electrical.....	220	220	—	—	—	—	—	—
Transportation equipment.....	47	47	—	—	—	—	—	—
Other durable goods.....	183	156	27	27	—	—	—	—
Nondurable goods.....	485	468	6	6	—	—	11	—
Food and kindred products.....	110	105	—	—	—	—	5	—
Not specified manufacturing industries.....	73	73	—	—	—	—	—	—
Nonmanufacturing industries	1 583	1 088	412	66	29	317	83	—
Railroads and railway express service.....	62	62	—	—	—	—	—	—
Transportation, except railroads.....	145	137	8	—	—	8	—	—
Communications, and utilities and sanitary services.....	271	79	192	4	5	183	—	—
Wholesale and retail trade.....	504	447	4	—	—	4	53	—
All other industries.....	601	363	208	62	24	122	30	—
Farmers and farm managers	527	117	7	—	—	7	403	—
Farm laborers and farm foremen	713	618	39	5	11	23	23	33
Paid farm laborers and farm foremen.....	680	618	39	5	11	23	23	—
Unpaid family workers.....	33	—	—	—	—	—	—	33
Service workers, except private household¹	40 024	23 056	14 508	1 021	1 910	12 177	2 432	28
Cleaning service workers.....	12 202	8 393	3 472	350	470	2 652	334	3
Food service workers.....	7 956	6 761	453	79	168	206	717	25
Cooks, except private household.....	2 735	2 237	210	37	90	83	278	10
Busboys and dishwashers.....	1 008	967	36	15	6	15	5	—
Health service workers.....	934	387	537	103	230	204	10	—
Personal service workers.....	3 587	2 200	201	17	45	139	1 186	—
Protective service workers.....	11 876	2 728	9 126	386	348	8 392	22	—
Firemen, fire protection.....	2 784	39	2 745	18	5	2 722	—	—
Guards and watchmen.....	3 284	2 485	783	175	140	468	16	—
Policemen and detectives.....	5 199	165	5 028	193	191	4 644	6	—
Private household workers	285	285	—	—	—	—	—	—

¹Includes 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**

NEWARK SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	294 775	238 681	47 462	7 088	6 721	33 653	6 854	1 778
Professional, technical, and kindred workers	47 125	23 617	21 602	1 033	2 258	18 311	1 814	92
Accountants	1 332	1 086	206	145	10	51	32	8
Computer specialists	853	816	33	5	11	17	4	—
Librarians	1 145	319	826	21	39	766	—	—
Mathematical specialists	154	150	—	—	—	4	—	—
Life and physical scientists	605	533	61	27	29	5	11	—
Registered nurses, dietitians, and therapists	9 432	6 957	2 111	248	468	1 395	343	21
Dietitians	355	257	98	19	32	47	—	—
Registered nurses	8 593	6 463	1 794	220	384	1 190	315	21
Health technologists and technicians	1 405	1 237	162	25	68	69	—	6
Social scientists	290	131	122	25	37	60	37	—
Social and recreation workers	1 786	627	1 145	78	266	801	14	—
Teachers: College and university	891	393	498	10	357	131	—	—
Elementary and prekindergarten	13 073	3 183	9 863	101	428	9 334	27	—
Secondary	5 167	978	4 189	24	125	4 040	—	—
Other teachers	1 243	532	191	14	41	136	520	—
Engineering and science technicians	1 364	1 313	51	19	8	24	—	—
Technicians, except health, and engineering and science	116	72	44	12	5	27	—	—
Writers, artists, and entertainers	2 286	1 783	75	22	—	53	411	17
Actors and dancers	43	26	—	—	—	—	17	—
Authors, editors, and reporters	705	602	6	6	—	—	97	—
Other professional, technical, and kindred workers	5 983	3 507	2 025	257	366	1 402	411	40
Managers and administrators, except farm	8 760	6 702	1 096	234	178	684	842	120
Buyers, purchasing agents, and sales managers	1 549	1 376	54	24	4	26	92	27
Restaurant, cafeteria, and bar managers	494	285	63	—	11	52	135	11
School administrators	463	268	179	—	33	146	16	—
Other specified managers and administrators	1 991	1 275	605	163	94	348	95	16
Managers and administrators, n.e.c., salaried	3 693	3 498	195	47	36	112	—	—
Wholesale and retail trade	959	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	570	—	—	—	—	—	504	66
Wholesale and retail trade	389	—	—	—	—	—	342	47
Sales workers	20 633	18 983	138	50	14	74	1 156	356
Demonstrators, hucksters, and peddlers	363	288	—	—	—	—	75	—
Insurance, real estate agents, and brokers	1 831	1 609	5	5	—	—	188	29
Sales clerks, retail trade	14 550	13 563	66	19	5	42	679	242
Salesmen, retail trade	453	384	—	—	—	—	37	32
Other sales workers	3 436	3 139	67	26	9	32	177	53
Clerical and kindred workers	116 165	98 585	16 188	4 608	2 524	9 056	650	742
Bank tellers	2 184	2 030	154	114	24	16	—	—
Bookkeepers	13 084	11 784	918	187	141	590	148	234
Cashiers	5 968	5 438	401	23	40	338	70	59
Counter clerks, except food	1 454	1 344	47	11	—	36	25	38
Enumerators and interviewers	152	61	91	69	—	22	—	—
File clerks	4 390	3 961	411	129	101	181	14	4
Office machine operators	5 350	4 982	354	118	73	163	14	—
Bookkeeping and billing machine operators	778	668	110	26	18	66	—	—
Keypunch operators	3 296	3 147	139	43	40	56	10	—
Payroll and timekeeping clerks	1 431	1 285	141	59	12	70	5	—
Receptionists	2 659	2 341	284	55	106	123	4	30
Secretaries	31 602	26 946	4 275	840	724	2 711	138	243
Stenographers	1 071	571	480	106	113	261	20	—
Telephone operators	4 042	3 762	272	46	50	176	8	—
Typists	14 383	11 590	2 641	734	469	1 438	107	45
Other clerical and kindred workers	28 395	22 490	5 719	2 117	671	2 931	97	89
Craftsmen and kindred workers	4 437	4 021	160	43	35	82	226	30
Foremen, n.e.c.	1 629	1 543	71	13	22	36	15	—
Operatives, except transport	50 670	48 802	1 223	528	243	452	541	104
Assemblers	8 012	7 817	184	99	27	58	11	—
Bottling and canning operatives	165	165	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	4 931	4 776	134	93	31	10	17	4
Dressmakers and seamstresses, except factory	876	628	17	5	—	12	212	19
Laundry and drycleaning operatives, including ironers	1 962	1 777	95	34	22	39	63	27
Graders and sorters, manufacturing	110	106	4	—	—	4	—	—
Packers and wrappers, except produce	6 013	5 900	105	30	10	65	4	4
Sewers and slitchers	7 263	7 092	103	13	25	65	63	5
Textile operatives	225	213	—	—	—	—	12	—
Other specified operatives	9 543	9 112	262	125	62	75	132	37
Miscellaneous and not specified operatives	11 570	11 216	319	129	66	124	27	8
Manufacturing	10 913	10 634	248	110	48	90	23	8
Durable goods	6 523	6 331	172	81	42	49	20	—
Machinery, including electrical	3 705	3 612	93	36	18	39	—	—
Other durable goods	2 818	2 719	79	63	6	10	20	—
Nondurable goods, including not specified manufacturing	4 390	4 303	76	29	6	41	3	8
Food and kindred products	346	322	21	5	—	16	3	—
Apparel and other fabricated textile products	732	727	5	—	—	5	—	—
Nonmanufacturing industries	657	582	71	19	18	34	4	—
Transport equipment operatives	1 023	719	245	—	19	226	48	11
Laborers, except farm	2 252	1 997	160	69	17	74	66	29
Farmers and farm managers	132	22	9	9	—	—	101	—
Farm laborers and farm foremen	240	188	6	—	—	6	—	46
Paid farm laborers and farm foremen	194	188	6	—	—	6	—	—
Unpaid family workers	46	—	—	—	—	—	—	46
Service workers, except private household¹	33 684	25 449	6 626	509	1 433	4 684	1 361	248
Cleaning service workers	3 389	2 762	556	65	94	397	31	40
Chambermaids and maids	695	611	49	5	7	37	—	35
Food service workers	11 392	9 237	1 754	124	191	1 439	258	143
Cooks, except private household	7 715	1 167	408	12	43	353	91	49
Waiters and food counter workers	7 213	6 577	479	19	81	379	85	72
Health service workers	8 420	6 376	1 931	246	821	864	92	21
Nursing aides, orderlies, and attendants	4 583	3 136	1 426	161	665	600	21	—
Practical nurses	1 696	1 272	353	52	115	186	71	—
Personal service workers	5 655	4 003	714	33	199	482	911	27
Hairdressers and cosmetologists	2 990	2 265	14	—	—	14	690	21
Private household workers	9 654	9 596	9	5	—	4	49	—
Private household workers, living in	1 181	1 181	—	—	—	—	—	—
Private household workers, living out	8 473	8 415	9	5	—	4	49	—

¹Includes 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

NEWARK SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers	
			Total	Federal	State			Local
Male, 16 years old and over	67 748	56 055	9 341	3 273	1 653	4 415	2 349	3
Professional, technical, and kindred workers	4 472	2 746	1 504	310	352	842	222	
Accountants	232	175	47	26	18	3	10	
Architects	19	9	—	—	—	—	10	
Computer specialists	120	110	10	10	—	—	—	
Engineers	338	261	71	41	13	17	6	
Aeronautical and astronautical	9	9	—	—	—	—	—	
Civil	39	32	7	—	—	7	—	
Electrical and electronic	101	88	13	9	—	4	—	
Mechanical	67	39	28	15	13	—	—	
Other engineers	122	93	23	17	—	6	6	
Lawyers and judges	30	3	27	5	6	16	—	
Life and physical scientists	291	245	46	46	—	—	—	
Chemists	239	206	33	33	—	—	—	
Physicians, dentists, and related practitioners	190	38	27	6	21	—	125	
Dentists	64	11	6	6	—	—	47	
Pharmacists	26	21	—	—	—	—	5	
Physicians, medical and osteopathic	94	6	15	—	15	—	73	
Other related practitioners	6	—	6	—	6	—	—	
Health technologists and technicians	76	43	27	22	—	5	6	
Religious workers	147	128	—	—	—	—	19	
Social scientists	12	12	—	—	—	—	—	
Social and recreation workers	267	38	223	15	49	159	6	
Teachers	686	153	533	19	92	422	—	
College and university	62	15	47	—	41	6	—	
Elementary and prekindergarten	276	58	218	—	21	197	—	
Secondary	279	35	244	6	24	214	—	
Engineering and science technicians	712	672	40	17	17	6	—	
Draftsmen and surveyors	247	241	6	—	6	—	—	
Electrical and electronic engineering technicians	93	93	—	—	—	—	—	
Technicians, except health, and engineering and science	30	12	18	18	—	—	—	
Airplane pilots	3	3	—	—	—	—	—	
Writers, artists, and entertainers	314	258	32	9	7	16	24	
Other professional, technical, and kindred workers	1 008	589	403	76	129	198	16	
Managers and administrators, except farm	2 080	1 387	430	150	113	167	263	
Buyers, purchasing agents, and sales managers	176	168	8	8	—	—	—	
School administrators	112	35	77	—	26	51	—	
Specified managers and administrators, public administration	171	—	171	98	32	41	—	
Other specified managers and administrators	544	405	80	12	26	42	59	
Managers and administrators, n.e.c., salaried	873	779	94	32	29	33	—	
Manufacturing	137	137	—	—	—	—	—	
Wholesale and retail trade	264	260	4	—	4	—	—	
Transportation, communications and other public utilities	100	100	—	—	—	—	—	
All other industries	372	282	90	32	25	33	—	
Managers and administrators, n.e.c., self-employed	204	—	—	—	—	—	204	
Construction	57	—	—	—	—	—	57	
Manufacturing	—	—	—	—	—	—	—	
Wholesale and retail trade	93	—	—	—	—	—	93	
All other industries	54	—	—	—	—	—	54	
Sales workers	2 033	1 832	52	21	12	19	149	
Insurance agents, brokers, and underwriters	268	263	5	—	5	—	—	
Real estate agents and brokers	60	43	—	—	—	—	17	
Sales representatives, manufacturing industries	157	157	—	—	—	—	—	
Sales representatives, wholesale trade	240	216	13	—	—	13	11	
Sales clerks, retail trade	746	640	21	15	—	6	85	
Salesmen, retail trade	108	104	—	—	—	—	4	
Salesmen of services and construction	72	54	13	6	7	—	5	
Other sales workers	382	355	—	—	—	—	27	
Clerical and kindred workers	6 088	4 328	1 733	1 346	139	248	27	
Bank tellers and cashiers	247	271	20	—	20	—	4	
Bookkeepers and billing clerks	293	253	34	17	11	6	6	
Mail handlers and postal clerks	1 155	163	992	971	—	21	—	
Other clerical and kindred workers	4 369	3 665	687	358	108	221	17	
Craftsmen and kindred workers	10 870	9 266	855	241	174	440	749	
Apparel craftsmen and upholsterers	123	91	16	—	6	10	16	
Bakers	175	165	10	—	5	5	—	
Cabinetmakers	31	19	—	—	—	—	12	
Construction craftsmen	2 293	1 682	214	30	42	142	397	
Carpenters	419	257	36	6	7	23	126	
Excavating, grading, and road machine operators	144	113	31	—	12	19	—	
Electricians	247	189	44	15	10	19	14	
Masons and tile setters	546	440	29	5	—	24	77	
Painters, construction and maintenance, and paperhangers	520	343	51	4	—	47	126	
Plasterers and cement finishers	159	134	15	—	5	10	10	
Plumbers and pipe fitters	192	165	8	—	8	—	19	
Other construction craftsmen	66	41	—	—	—	—	25	
Foremen, n.e.c.	1 494	1 411	83	22	14	47	—	
Manufacturing	950	950	—	—	—	—	—	
Nonmanufacturing industries	544	461	83	22	14	47	—	
Linemen and servicemen, telephone and power	299	279	20	12	8	—	—	
Locomotive engineers and firemen	4	—	—	—	—	—	—	
Mechanics and repairmen	2 712	2 386	196	86	22	88	130	
Air conditioning, heating, and refrigeration	121	110	—	—	—	—	11	
Aircraft	32	32	—	—	—	—	—	
Automobile, including body	1 374	1 206	89	42	11	36	79	
Radio and television	156	111	16	11	5	7	29	
Other mechanics and repairmen	1 029	927	91	33	6	52	11	
Metal craftsmen, except mechanics	1 160	1 097	48	29	10	9	15	
Machinists and job and die setters	640	619	11	7	4	—	10	
Sheetmetal workers and tinsmiths	31	19	12	8	—	4	—	
Tool and die makers	137	132	—	—	—	—	5	
Other metal craftsmen	352	327	25	14	6	5	—	
Printing craftsmen	298	284	7	—	—	7	—	
Compositors and typesetters	110	108	—	—	—	—	2	
Pressmen and plate printers, printing	178	166	7	—	—	7	—	
Stationary engineers and power station operators	119	89	30	14	10	6	—	
Other craftsmen and kindred workers	2 162	1 759	231	48	57	126	172	

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

NEWARK SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	16 848	16 176	588	179	142	267	84	—
Assemblers.....	1 527	1 492	27	18	—	9	8	—
Checkers, examiners, and inspectors; manufacturing.....	771	730	41	5	15	21	—	—
Garage workers and gas station attendants.....	366	335	17	6	—	11	14	—
Laundry and drycleaning operatives, n.e.c.....	238	208	25	—	18	7	5	—
Meat cutlers and butchers.....	373	369	4	—	4	—	—	—
Mine operatives, n.e.c.....	41	34	7	—	7	—	—	—
Packers and wrappers, except produce.....	697	660	32	17	—	15	5	—
Painters, manufactured articles.....	380	376	4	—	4	—	—	—
Precision machine operatives.....	617	617	—	—	—	—	—	—
Sawyers.....	57	57	—	—	—	—	—	—
Stationary firemen.....	235	158	77	13	5	59	—	—
Textile operatives.....	140	135	5	—	—	—	—	—
Welders and flamecutters.....	716	704	12	—	6	6	—	—
Other metalworking operatives.....	935	892	43	10	9	24	—	—
Other specified operatives.....	3 863	3 713	119	57	24	38	31	—
Miscellaneous and not specified operatives.....	5 892	5 696	175	53	45	77	21	—
Occupation:								
Machine operatives, miscellaneous specified.....	2 134	2 070	64	6	27	31	—	—
Machine operatives, not specified.....	2 288	2 216	67	33	18	16	5	—
Miscellaneous operatives.....	987	932	39	14	—	25	16	—
Not specified operatives.....	483	478	5	—	—	5	—	—
Industry:								
Manufacturing.....	5 314	5 204	101	48	37	16	9	—
Durable goods.....	2 684	2 601	78	48	21	9	5	—
Wood products, including furniture.....	122	122	—	—	—	—	—	—
Primary metal industries.....	592	571	21	15	—	6	—	—
Fabricated metal industries.....	479	479	—	—	—	—	—	—
Machinery, including electrical.....	747	699	43	28	12	3	5	—
Motor vehicles and equipment.....	130	130	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	19	19	—	—	—	—	—	—
Other durable goods.....	595	581	14	5	9	—	—	—
Nondurable goods.....	2 521	2 494	23	—	16	7	4	—
Food and kindred products.....	244	244	—	—	—	—	—	—
Apparel and other fabricated textile products.....	46	46	—	—	—	—	—	—
Paper and allied products.....	395	388	7	—	—	7	—	—
Chemicals and allied products.....	1 073	1 062	11	—	11	—	—	—
Other nondurable goods.....	763	754	5	—	5	—	4	—
Not specified manufacturing industries.....	109	109	—	—	—	—	—	—
Nonmanufacturing industries.....	578	492	74	5	8	61	12	—
Transportation, communications, and other public utilities.....	165	124	41	—	4	37	—	—
Wholesale and retail trade.....	234	221	6	—	—	6	7	—
All other industries.....	179	147	27	5	4	18	5	—
Transport equipment operatives	7 745	6 793	639	266	105	268	313	—
Bus drivers.....	488	431	53	9	7	37	4	—
Taxicab drivers and chauffeurs.....	402	321	41	4	10	27	40	—
Truck drivers and deliverymen.....	5 003	4 358	403	148	79	176	242	—
Other transport equipment operatives.....	1 852	1 683	142	105	9	28	27	—
Laborers, except farm	8 064	6 884	1 080	411	85	584	100	—
Construction laborers.....	1 333	1 215	118	11	29	78	—	—
Freight, stock, and material handlers.....	3 357	2 727	582	301	14	267	48	—
Other specified laborers.....	2 314	2 061	218	68	31	119	35	—
Miscellaneous and not specified laborers.....	1 060	881	162	31	11	120	17	—
Occupation:								
Miscellaneous laborers.....	272	173	95	7	—	88	4	—
Not specified laborers.....	788	708	67	24	11	32	13	—
Industry:								
Manufacturing.....	535	517	12	6	—	6	6	—
Durable goods.....	354	348	6	—	—	6	—	—
Wood products, including furniture.....	11	5	6	—	—	6	—	—
Metal industries.....	153	153	—	—	—	—	—	—
Machinery, including electrical.....	101	101	—	—	—	—	—	—
Transportation equipment.....	28	28	—	—	—	—	—	—
Other durable goods.....	61	61	—	—	—	—	—	—
Nondurable goods.....	148	136	6	6	—	—	6	—
Food and kindred products.....	36	36	—	—	—	—	—	—
Not specified manufacturing industries.....	33	33	—	—	—	—	—	—
Nonmanufacturing industries.....	525	364	150	25	11	114	11	—
Railroads and railway express service.....	25	25	—	—	—	—	—	—
Transportation, except railroads.....	43	35	8	—	—	8	—	—
Communications, and utilities and sanitary services.....	105	5	100	4	—	96	—	—
Wholesale and retail trade.....	191	187	—	—	—	—	4	—
All other industries.....	161	112	42	21	11	10	7	—
Farmers and farm managers	103	7	—	—	—	—	96	—
Farm laborers and farm foremen	122	113	5	—	—	5	4	—
Paid farm laborers and farm foremen.....	122	113	5	—	—	5	4	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	9 156	6 356	2 455	349	531	1 575	342	3
Cleaning service workers.....	3 849	2 876	840	125	183	532	130	3
Food service workers.....	1 589	1 299	263	42	97	124	27	—
Cooks, except private household.....	712	570	138	20	59	59	4	—
Busboys and dishwashers.....	144	144	—	—	—	—	—	—
Health service workers.....	527	173	354	73	151	130	—	—
Personal service workers.....	589	365	73	—	16	57	151	—
Protective service workers.....	1 329	578	746	63	71	612	5	—
Firemen, fire protection.....	54	—	54	—	—	54	—	—
Guards and watchmen.....	705	547	153	52	33	68	5	—
Policemen and detectives.....	549	31	518	11	33	474	—	—
Private household workers	167	167	—	—	—	—	—	—

¹Includes 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

NEWARK SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	57 669	45 378	11 388	2 904	2 996	5 488	842	81
Professional, technical, and kindred workers	6 210	2 634	3 425	334	722	2 369	151	—
Accountants	133	96	32	12	5	15	5	—
Computer specialists	62	42	—	—	—	—	—	—
Librarians	74	16	58	—	—	58	—	—
Mathematical specialists	4	4	—	—	—	—	—	—
Life and physical scientists	75	61	14	14	—	—	—	—
Registered nurses, dietitians, and therapists	1 760	1 119	586	99	245	242	55	—
Dietitians	150	96	54	9	13	32	—	—
Registered nurses	1 532	966	511	85	216	210	55	—
Health technologists and technicians	229	186	43	—	38	5	—	—
Social scientists	17	5	12	—	12	—	—	—
Social and recreation workers	543	134	409	60	73	276	—	—
Teachers: College and university	62	20	42	5	23	14	—	—
Elementary and prekindergarten	1 645	249	1 396	59	165	1 172	—	—
Secondary	397	36	361	10	25	326	—	—
Other teachers	107	34	34	9	11	14	39	—
Engineering and science technicians	148	146	2	2	—	—	—	—
Technicians, except health, and engineering and science	19	12	7	7	—	—	—	—
Writers, artists, and entertainers	128	94	—	—	—	—	34	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	38	26	—	—	—	—	12	—
Other professional, technical, and kindred workers	807	360	429	57	125	247	18	—
Managers and administrators, except farm	736	377	286	74	67	145	73	—
Buyers, purchasing agents, and sales managers	70	61	9	—	4	5	—	—
Restaurant, cafeteria, and bar managers	61	39	12	—	6	6	10	—
School administrators	53	20	33	—	18	15	—	—
Other specified managers and administrators	288	95	177	63	19	95	16	—
Managers and administrators, n.e.c., salaried	217	162	55	11	20	24	—	—
Wholesale and retail trade	47	47	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	47	—	—	—	—	—	47	—
Wholesale and retail trade	36	—	—	—	—	—	36	—
Sales workers	1 399	1 320	9	5	4	—	65	5
Demonstrators, hucksters, and peddlers	16	16	—	—	—	—	—	—
Insurance, real estate agents, and brokers	138	134	—	—	—	—	4	—
Sales clerks, retail trade	983	922	—	—	—	—	56	5
Salesmen, retail trade	32	27	—	5	—	—	5	—
Other sales workers	230	221	9	5	4	—	—	—
Clerical and kindred workers	15 302	11 176	4 077	1 833	882	1 362	35	14
Bank tellers	171	126	45	29	11	5	—	—
Bookkeepers	894	748	142	56	37	49	—	4
Cashiers	853	769	76	—	24	52	4	4
Counter clerks, except food	207	194	—	—	—	—	5	6
Enumerators and interviewers	34	—	34	29	—	5	—	—
File clerks	846	733	113	49	43	21	—	—
Office machine operators	989	915	74	26	13	35	—	—
Bookkeeping and billing machine operators	105	83	22	10	4	8	—	—
Keypunch operators	735	701	34	7	5	22	—	—
Payroll and timekeeping clerks	130	99	31	10	5	16	—	—
Receptionists	278	196	82	20	22	40	—	—
Secretaries	2 053	1 494	549	141	185	223	10	—
Stenographers	116	47	69	22	29	18	—	—
Telephone operators	819	759	60	23	31	6	—	—
Typists	2 490	1 688	802	284	225	293	—	—
Other clerical and kindred workers	5 422	3 406	2 000	1 144	257	599	16	—
Craftsmen and kindred workers	985	901	63	20	24	19	21	—
Foremen, n.e.c.	338	306	32	7	17	8	—	—
Operatives, except transport	15 589	14 838	637	248	155	234	100	14
Assemblers	2 841	2 750	91	38	10	43	—	—
Baiting and canning operatives	8	8	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	1 268	1 222	46	25	21	—	—	—
Dressmakers and seamstresses, except factory	155	117	5	5	—	—	29	4
Laundry and drycleaning operatives, including ironers	1 299	1 227	72	31	22	19	—	—
Graders and sorters, manufacturing	12	—	—	—	—	—	—	—
Packers and wrappers, except produce	1 358	1 321	—	37	12	—	25	—
Sewers and slitchers	1 080	1 024	40	10	7	23	16	—
Textile operatives	51	51	—	—	—	—	—	—
Other specified operatives	3 396	3 152	190	83	55	52	52	2
Miscellaneous and not specified operatives	4 121	3 954	156	44	40	72	3	8
Manufacturing	3 881	3 738	132	38	32	62	3	8
Durable goods	2 392	2 311	81	25	26	30	—	—
Machinery, including electrical	1 456	1 404	52	6	20	26	—	—
Other durable goods	936	907	29	19	6	4	—	—
Nondurable goods, including not specified manufacturing	1 489	1 427	51	13	6	32	3	8
Food and kindred products	128	109	16	—	—	16	3	—
Apparel and other fabricated textile products	239	239	—	—	—	—	—	—
Nonmanufacturing industries	240	216	24	6	8	10	—	—
Transport equipment operatives	196	174	22	—	—	22	—	—
Laborers, except farm	546	480	55	28	9	18	11	—
Farmers and farm managers	60	—	9	9	—	—	51	—
Farm laborers and farm foremen	103	93	6	—	—	6	—	4
Paid farm laborers and farm foremen	99	93	6	—	—	6	—	—
Unpaid family workers	4	—	—	—	—	—	—	4
Service workers, except private household¹	9 694	6 576	2 790	348	1 133	1 309	304	24
Cleaning service workers	1 386	1 079	286	48	80	158	17	4
Chambermaids and maids	290	264	22	5	7	10	—	4
Food service workers	1 606	1 262	302	57	95	150	28	14
Cooks, except private household	423	342	68	7	17	44	8	5
Waiters and food counter workers	649	555	70	6	42	22	15	9
Health service workers	4 090	2 552	1 498	207	704	587	40	—
Nursing aides, orderlies, and attendants	2 944	1 759	1 175	151	593	431	10	—
Practical nurses	789	520	239	33	85	121	30	—
Personal service workers	1 144	596	333	17	149	167	209	6
Hairdressers and cosmetologists	397	241	9	—	—	9	147	—
Private household workers	6 849	6 809	9	5	—	4	31	—
Private household workers, living in	572	572	—	—	—	—	—	—
Private household workers, living out	6 277	6 237	9	5	—	4	31	—

¹Includes 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		
NEWARK SMSA—Continued								
Persons of Puerto Rican Birth or Parentage								
Male, 16 years old and over	7 256	6 584	490	157	109	224	182	—
Professional, technical, and kindred workers	260	179	61	31	13	17	20	—
Accountants	25	25	—	—	—	—	—	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Engineers	24	24	—	—	—	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—
Electrical and electronic	7	7	—	—	—	—	—	—
Mechanical	—	—	—	—	—	—	—	—
Other engineers	17	17	—	—	—	—	—	—
Lawyers and judges	5	—	—	—	—	—	5	—
Life and physical scientists	15	15	—	—	—	—	—	—
Chemists	15	15	—	—	—	—	—	—
Physicians, dentists, and related practitioners	21	—	6	—	6	—	15	—
Dentists	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	21	—	6	—	6	—	15	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	5	—	5	—	—	—	—	—
Religious workers	6	6	—	—	—	5	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	26	—	26	19	7	—	—	—
Teachers	12	6	6	—	—	6	—	—
College and university	—	—	—	—	—	—	—	—
Elementary and prekindergarten	—	—	—	—	—	—	—	—
Secondary	6	—	6	—	—	6	—	—
Engineering and science technicians	28	28	—	—	—	—	—	—
Draftsmen and surveyors	15	15	—	—	—	—	—	—
Electrical and electronic engineering technicians	8	8	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	19	13	6	6	—	—	—	—
Other professional, technical, and kindred workers	74	62	12	6	—	6	—	—
Managers and administrators, except farm	210	155	19	—	12	7	36	—
Buyers, purchasing agents, and sales managers	18	18	—	—	—	—	—	—
School administrators	7	—	7	—	7	—	—	—
Specified managers and administrators, public administration	—	—	—	—	—	—	—	—
Other specified managers and administrators	61	40	12	—	5	7	9	—
Managers and administrators, n.e.c., salaried	97	97	—	—	—	—	—	—
Manufacturing	22	22	—	—	—	—	—	—
Wholesale and retail trade	29	29	—	—	—	—	—	—
Transportation, communications and other public utilities	4	4	—	—	—	—	—	—
All other industries	42	42	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	27	—	—	—	—	—	27	—
Construction	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	27	—	—	—	—	—	27	—
All other industries	—	—	—	—	—	—	—	—
Sales workers	173	141	7	—	—	7	25	—
Insurance agents, brokers, and underwriters	12	12	—	—	—	—	—	—
Real estate agents and brokers	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries	12	12	—	—	—	—	—	—
Sales representatives, wholesale trade	10	10	—	—	—	—	—	—
Sales clerks, retail trade	78	58	—	—	—	—	20	—
Salesmen, retail trade	6	6	—	—	—	—	—	—
Salesmen of services and construction	11	11	—	—	—	—	—	—
Other sales workers	44	32	7	—	—	7	5	—
Clerical and kindred workers	347	295	52	34	—	18	—	—
Bank tellers and cashiers	6	6	—	—	—	—	—	—
Bookkeepers and billing clerks	21	21	—	—	—	—	—	—
Mail handlers and postal clerks	21	—	21	21	—	—	—	—
Other clerical and kindred workers	299	268	31	13	—	18	—	—
Craftsmen and kindred workers	1 109	1 017	47	31	7	9	45	—
Apparel craftsmen and upholsterers	21	14	7	7	—	—	—	—
Bakers	7	7	—	—	—	—	—	—
Cabinetmakers	7	7	—	—	—	—	—	—
Construction craftsmen	135	124	5	—	—	5	6	—
Carpenters	20	20	—	—	—	—	—	—
Excavating, grading, and road machine operators	20	20	—	—	—	—	—	—
Electricians	32	27	5	—	—	5	—	—
Masons and tile setters	2	2	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	39	33	—	—	—	—	6	—
Plasterers and cement finishers	7	7	—	—	—	—	—	—
Plumbers and pipe fitters	7	7	—	—	—	—	—	—
Other construction craftsmen	8	8	—	—	—	—	—	—
Foremen, n.e.c.	194	182	7	—	7	—	5	—
Manufacturing	111	104	7	—	7	—	—	—
Nonmanufacturing industries	83	78	—	—	—	—	5	—
Linemen and servicemen, telephone and power	10	10	—	—	—	—	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	318	290	8	8	—	—	20	—
Air conditioning, heating, and refrigeration	14	14	—	—	—	—	—	—
Aircraft	15	15	—	—	—	—	—	—
Automobile, including body	116	102	8	8	—	—	6	—
Radio and television	22	8	—	—	—	—	14	—
Other mechanics and repairmen	151	151	—	—	—	—	—	—
Metal craftsmen, except mechanics	114	106	8	8	—	—	—	—
Machinists and job and die setters	50	50	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	—	—	—	—	—	—	—	—
Tool and die makers	12	12	—	—	—	—	—	—
Other metal craftsmen	52	44	8	8	—	—	—	—
Printing craftsmen	93	93	—	—	—	—	—	—
Compositors and typesetters	37	37	—	—	—	—	—	—
Pressmen and plate printers, printing	28	28	—	—	—	—	—	—
Stationary engineers and power station operators	—	—	—	—	—	—	—	—
Other craftsmen and kindred workers	210	184	12	8	—	4	14	—

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

NEWARK SMSA—Continued

Persons of Puerto Rican Birth or Parentage—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	3 170	3 027	126	25	29	72	17	—
Assemblers.....	337	337	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	99	99	—	—	—	—	—	—
Garage workers and gas station attendants.....	18	18	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	—	—	—	—	—	—	—	—
Meat cutters and butchers.....	12	12	—	—	—	—	—	—
Mine operatives, n.e.c.....	9	9	—	—	—	—	—	—
Packers and wrappers, except produce.....	262	254	—	—	—	—	8	—
Painters, manufactured articles.....	60	60	—	—	—	—	—	—
Precision machine operatives.....	177	177	—	—	—	—	—	—
Sawyers.....	39	39	—	—	—	—	—	—
Stationary firemen	7	7	—	—	—	—	—	—
Textile operatives.....	96	78	18	—	18	—	—	—
Welders and flamecutters.....	45	45	—	—	—	—	—	—
Other metalworking operatives.....	236	236	—	—	—	—	—	—
Other specified operatives.....	535	477	55	17	3	35	3	—
Miscellaneous and not specified operatives.....	1 238	1 179	53	8	8	37	6	—
Occupation:								
Machine operatives, miscellaneous specified.....	319	295	24	—	8	16	—	—
Machine operatives, not specified.....	688	667	15	8	—	7	6	—
Miscellaneous operatives.....	179	172	7	—	—	7	—	—
Not specified operatives.....	52	45	7	—	—	7	—	—
Industry:								
Manufacturing	1 159	1 100	53	8	8	37	6	—
Durable goods.....	651	592	53	8	8	37	6	—
Wood products, including furniture.....	56	49	7	—	—	7	—	—
Primary metal industries.....	104	104	—	—	—	—	—	—
Fabricated metal industries.....	155	148	7	—	—	7	—	—
Machinery, including electrical.....	197	152	39	8	8	23	6	—
Motor vehicles and equipment.....	8	8	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	—	—	—	—	—	—	—	—
Other durable goods.....	131	131	—	—	—	—	—	—
Nondurable goods.....	462	462	—	—	—	—	—	—
Food and kindred products.....	73	73	—	—	—	—	—	—
Apparel and other fabricated textile products.....	40	40	—	—	—	—	—	—
Paper and allied products.....	91	91	—	—	—	—	—	—
Chemicals and allied products.....	54	54	—	—	—	—	—	—
Other nondurable goods.....	204	204	—	—	—	—	—	—
Not specified manufacturing industries.....	46	46	—	—	—	—	—	—
Nonmanufacturing industries	79	79	—	—	—	—	—	—
Transportation, communications, and other public utilities.....	10	10	—	—	—	—	—	—
Wholesale and retail trade.....	45	45	—	—	—	—	—	—
All other industries.....	24	24	—	—	—	—	—	—
Transport equipment operatives	404	378	28	—	16	12	—	—
Bus drivers.....	23	23	—	—	—	—	—	—
Taxicab drivers and chauffeurs.....	15	15	—	—	—	—	—	—
Truck drivers and deliverymen.....	283	255	28	—	16	12	—	—
Other transport equipment operatives.....	85	85	—	—	—	—	—	—
Laborers, except farm	803	733	58	31	7	20	12	—
Construction laborers.....	75	75	—	—	—	—	—	—
Freight, stock, and material handlers.....	369	324	38	23	7	8	7	—
Other specified laborers.....	191	178	8	8	—	—	5	—
Miscellaneous and not specified laborers.....	168	156	12	—	—	12	—	—
Occupation:								
Miscellaneous laborers.....	28	21	7	—	—	7	—	—
Not specified laborers.....	140	135	5	—	—	5	—	—
Industry:								
Manufacturing	101	101	—	—	—	—	—	—
Durable goods.....	47	47	—	—	—	—	—	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	16	16	—	—	—	—	—	—
Machinery, including electrical.....	20	20	—	—	—	—	—	—
Transportation equipment.....	—	—	—	—	—	—	—	—
Other durable goods.....	11	11	—	—	—	—	—	—
Nondurable goods.....	44	44	—	—	—	—	—	—
Food and kindred products.....	—	—	—	—	—	—	—	—
Not specified manufacturing industries.....	10	10	—	—	—	—	—	—
Nonmanufacturing industries	67	55	12	—	—	12	—	—
Railroads and railway express service.....	—	—	—	—	—	—	—	—
Transportation, except railroads.....	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	13	6	7	—	—	7	—	—
Wholesale and retail trade.....	19	19	—	—	—	—	—	—
All other industries.....	35	30	5	—	—	5	—	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	24	24	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	24	24	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	754	635	92	5	25	62	27	—
Cleaning service workers.....	192	163	29	5	—	24	—	—
Food service workers.....	373	367	8	—	8	—	—	—
Cooks, except private household.....	124	124	—	—	—	—	—	—
Busboys and dishwashers.....	60	60	—	—	—	—	—	—
Health service workers.....	24	7	17	—	17	—	—	—
Personal service workers.....	68	41	—	—	—	—	27	—
Protective service workers.....	43	5	38	—	—	—	—	—
Firemen, fire protection.....	—	—	—	—	—	—	—	—
Guards and watchmen.....	13	5	8	—	—	—	8	—
Policemen and detectives.....	30	—	30	—	—	—	—	—
Private household workers	—	—	—	—	—	—	—	—

¹Includes 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**

NEWARK SMSA—Continued

Persons of Puerto Rican Birth or Parentage—Continued

Female, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	3 003	2 637	243	34	61	148	84	39
Professional, technical, and kindred workers	143	90	53	6	8	39		
Accountants	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	11	11	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—
Dietitians	—	—	—	—	—	—	—	—
Registered nurses	—	—	—	—	—	—	—	—
Health technologists and technicians	15	15	—	—	—	—	—	—
Social scientists	8	8	—	—	—	—	—	—
Social and recreation workers	37	15	22	6	8	8	—	—
Teachers: College and university	—	—	—	—	—	—	—	—
Elementary and prekindergarten	12	—	12	—	—	12	—	—
Secondary	19	—	19	—	—	19	—	—
Other teachers	5	5	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	6	6	—	—	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	30	30	—	—	—	—	—	—
Managers and administrators, except farm	23	9	14		14			
Buyers, purchasing agents, and sales managers	9	9	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	—	—	—	—	—	—	—	—
School administrators	—	—	—	—	—	—	—	—
Other specified managers and administrators	14	—	14	—	14	—	—	—
Managers and administrators, n.e.c., salaried	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Sales workers	147	89					38	20
Demonstrators, hucksters, and peddlers	5	—	—	—	—	—	5	—
Insurance, real estate agents, and brokers	12	12	—	—	—	—	—	—
Sales clerks, retail trade	113	60	—	—	—	—	33	20
Salesmen, retail trade	4	4	—	—	—	—	—	—
Other sales workers	13	13	—	—	—	—	—	—
Clerical and kindred workers	514	420	75	12	11	52	5	14
Bank tellers	—	—	—	—	—	—	—	—
Bookkeepers	48	48	—	—	—	—	—	—
Cashiers	40	40	—	—	—	—	—	—
Counter clerks, except food	—	—	—	—	—	—	—	—
Enumerators and interviewers	—	—	—	—	—	—	—	—
File clerks	32	18	14	—	—	14	—	—
Office machine operators	41	41	—	—	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—
Keypunch operators	33	33	—	—	—	—	—	—
Payroll and timekeeping clerks	—	—	—	—	—	—	—	—
Receptionists	20	—	6	—	—	6	—	—
Secretaries	119	78	36	—	11	25	5	14
Stenographers	—	—	—	—	—	—	—	—
Telephone operators	14	14	—	—	—	—	—	—
Typists	90	76	14	7	—	7	—	—
Other clerical and kindred workers	110	105	5	5	—	—	—	—
Craftsmen and kindred workers	61	56						5
Foremen, n.e.c.	4	4	—	—	—	—	—	—
Operatives, except transport	1 772	1 707	65	8	16	41		
Assemblers	347	330	17	—	9	8	—	—
Bottling and canning operatives	24	24	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	69	62	7	—	7	—	—	—
Dressmakers and seamstresses, except factory	8	8	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	57	51	6	—	—	6	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	334	318	16	—	—	16	—	—
Sewers and stitchers	161	149	12	8	—	4	—	—
Textile operatives	36	36	—	—	—	—	—	—
Other specified operatives	303	296	7	—	—	7	—	—
Miscellaneous and not specified operatives	433	433	—	—	—	—	—	—
Manufacturing	431	431	—	—	—	—	—	—
Durable goods	330	330	—	—	—	—	—	—
Machinery, including electrical	97	97	—	—	—	—	—	—
Other durable goods	233	233	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	101	101	—	—	—	—	—	—
Food and kindred products	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products	20	20	—	—	—	—	—	—
Nonmanufacturing industries	2	2	—	—	—	—	—	—
Transport equipment operatives	—	—	—	—	—	—	—	—
Laborers, except farm	76	68					8	
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	—	—	—	—	—	—	—
Paid farm laborers and farm foremen	—	—	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	232	163	36	8	12	16	33	
Cleaning service workers	19	19	—	—	—	—	—	—
Chambermaids and maids	—	—	—	—	—	—	—	—
Food service workers	38	29	9	—	—	9	—	—
Cooks, except private household	13	4	9	—	—	9	—	—
Waiters and food counter workers	7	7	—	—	—	—	—	—
Health service workers	28	21	7	—	7	—	—	—
Nursing aides, orderlies, and attendants	12	6	7	—	7	—	—	—
Practical nurses	12	12	—	—	—	—	—	—
Personal service workers	114	61	20	8	5	7	33	—
Hairdressers and cosmetologists	82	56	—	—	—	—	26	—
Private household workers	35	35						
Private household workers, living in	10	10	—	—	—	—	—	—
Private household workers, living out	25	25	—	—	—	—	—	—

¹Includes 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

PATERSON-CLIFTON-PASSAIC SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	361 383	298 320	33 914	9 434	3 910	20 570	28 781	368
Professional, technical, and kindred workers	61 234	44 374	9 202	1 282	1 375	6 545	7 641	17
Accountants	6 582	5 325	392	276	73	43	859	6
Architects	482	296	10	10	—	—	176	—
Computer specialists	2 329	2 225	73	55	9	9	25	6
Engineers	11 900	10 873	678	300	169	209	349	—
Aeronautical and astronautical	321	305	11	11	—	—	5	—
Civil	1 385	1 041	259	31	88	140	85	—
Electrical and electronic	3 215	3 086	94	54	29	11	35	—
Mechanical	1 706	1 592	94	60	5	29	20	—
Other engineers	5 273	4 849	220	144	47	29	204	—
Lawyers and judges	2 299	615	269	102	66	101	1 415	—
Life and physical scientists	1 992	1 887	83	47	11	25	22	—
Chemists	1 718	1 669	33	9	5	19	16	—
Physicians, dentists, and related practitioners	4 462	1 371	232	72	70	90	2 859	—
Dentists	848	47	31	—	16	15	770	—
Pharmacists	791	609	10	10	—	—	172	—
Physicians, medical and osteopathic	2 471	684	191	62	54	75	1 596	—
Other related practitioners	352	31	—	—	5	—	321	—
Health technologists and technicians	453	366	63	10	5	48	24	—
Religious workers	1 051	956	17	7	—	10	78	—
Social scientists	1 088	891	142	21	35	86	55	—
Social and recreation workers	707	707	498	9	107	382	13	—
Teachers	7 443	1 948	5 251	21	503	4 727	244	—
College and university	1 379	795	584	—	337	247	—	—
Elementary and prekindergarten	1 546	256	1 290	5	59	1 226	—	—
Secondary	3 937	602	3 335	10	102	3 223	—	—
Engineering and science technicians	5 913	5 648	178	56	55	67	87	—
Draftsmen and surveyors	2 889	2 726	96	22	19	55	67	—
Electrical and electronic engineering technicians	1 138	1 093	36	24	12	—	9	—
Technicians, except health, and engineering and science	872	722	121	81	5	35	29	—
Airplane pilots	448	433	5	5	—	—	10	—
Writers, artists, and entertainers	6 278	5 286	74	27	21	26	913	5
Other professional, technical, and kindred workers	7 383	5 769	1 121	188	246	687	493	—
Managers and administrators, except farm	53 355	45 127	3 158	960	546	1 652	4 998	72
Buyers, purchasing agents, and sales managers	8 277	7 873	79	20	38	21	311	14
School administrators	941	187	754	—	66	688	—	—
Specified managers and administrators, public administration	1 532	—	1 532	784	272	476	—	—
Other specified managers and administrators	9 022	7 765	290	97	46	147	948	19
Managers and administrators, n.e.c., salaried	29 805	29 302	503	59	124	320	—	—
Manufacturing	11 103	11 071	32	16	5	11	—	—
Wholesale and retail trade	7 474	7 465	9	4	—	5	—	—
Transportation, communications and other public utilities	2 951	2 841	110	5	24	81	—	—
All other industries	8 277	7 925	352	34	95	223	—	—
Managers and administrators, n.e.c., self-employed	3 778	—	—	—	—	—	3 739	39
Construction	625	—	—	—	—	—	621	4
Manufacturing	585	—	—	—	—	—	575	10
Wholesale and retail trade	1 768	—	—	—	—	—	1 758	10
All other industries	800	—	—	—	—	—	785	15
Sales workers	32 776	28 902	112	42	24	46	3 715	47
Insurance agents, brokers, and underwriters	3 310	2 942	18	7	4	7	346	4
Real estate agents and brokers	1 185	793	4	—	—	4	388	—
Sales representatives, manufacturing industries	6 108	5 888	19	5	5	9	201	—
Sales representatives, wholesale trade	5 706	4 991	—	—	—	—	710	5
Sales clerks, retail trade	7 391	6 130	21	—	10	11	1 216	24
Salesmen, retail trade	2 800	2 487	6	6	—	—	302	5
Salesmen of services and construction	1 963	1 798	15	10	—	5	150	—
Other sales workers	4 313	3 873	29	14	5	10	402	9
Clerical and kindred workers	33 873	26 942	6 495	5 333	317	845	413	23
Bank tellers and cashiers	1 443	1 285	132	11	74	47	26	—
Bookkeepers and billing clerks	3 057	2 831	105	46	—	59	116	5
Mail handlers and postal clerks	5 050	690	4 360	4 347	13	—	—	—
Other clerical and kindred workers	24 323	22 136	1 898	929	230	739	271	18
Craftsmen and kindred workers	73 161	63 602	2 858	469	627	1 762	6 633	68
Apparel craftsmen and upholsterers	990	851	—	—	—	—	139	—
Bakers	1 100	941	10	—	—	10	145	4
Cabinetmakers	581	466	—	—	—	—	107	8
Construction craftsmen	16 948	13 017	853	80	179	594	3 057	21
Carpenters	4 647	3 380	195	21	31	143	1 072	—
Excavating, grading, and road machine operators	1 025	759	172	—	32	140	—	—
Electricians	3 180	2 776	177	27	46	104	227	—
Masons and tile setters	1 742	1 443	18	—	—	18	281	—
Painters, construction and maintenance, and paperhangers	2 067	1 101	165	5	34	126	780	21
Plasterers and cement finishers	386	325	20	4	5	11	21	—
Plumbers and pipe fitters	2 730	2 246	73	13	25	35	411	—
Other construction craftsmen	1 191	987	33	10	6	17	171	—
Foremen, n.e.c.	12 277	11 618	467	97	105	265	187	5
Manufacturing	7 739	7 411	35	6	5	24	88	5
Nonmanufacturing industries	4 538	4 007	432	91	100	241	99	—
Linemen and servicemen, telephone and power	3 112	3 070	27	—	17	10	15	—
Locomotive engineers and firemen	169	169	—	—	—	—	—	—
Mechanics and repairmen	16 702	14 482	627	123	86	418	1 580	13
Air conditioning, heating, and refrigeration	1 057	877	5	5	—	—	175	—
Aircraft	416	411	5	5	—	—	—	—
Automobile, including body	6 434	5 222	280	62	33	185	919	13
Radio and television	854	642	26	20	6	—	186	—
Other mechanics and repairmen	7 941	7 330	311	31	47	233	300	—
Metal craftsmen, except mechanics	6 951	6 692	64	13	10	41	195	—
Machinists and job and die setters	3 324	3 212	45	13	6	26	67	—
Sheetmetal workers and tinsmiths	1 223	1 173	4	—	4	—	46	—
Tool and die makers	1 357	1 339	—	—	—	—	18	—
Other metal craftsmen	1 047	968	15	—	—	15	64	—
Printing craftsmen	4 588	4 426	42	22	10	10	116	—
Compositors and typesetters	1 883	1 818	19	9	5	5	46	—
Pressmen and plate printers, printing	1 850	1 792	23	13	5	5	31	—
Stationary engineers and power station operators	1 091	879	201	16	17	147	11	—
Other craftsmen and kindred workers	8 652	6 991	567	118	182	267	1 081	13

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

PATERSON-CLIFTON-PASSAIC SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	44 198	42 027	695	260	63	372	1 438	38
Assemblers.....	3 056	3 006	29	15	5	9	21	—
Checkers, examiners, and inspectors; manufacturing.....	3 083	2 998	75	55	6	14	10	—
Garage workers and gas station attendants.....	2 115	1 907	9	4	5	—	192	7
Laundry and drycleaning operatives, n.e.c.....	424	319	—	—	—	—	79	26
Meat cutters and butchers.....	1 993	1 678	—	—	—	—	315	—
Mine operatives, n.e.c.....	59	59	—	—	—	—	—	—
Packers and wrappers, except produce.....	2 020	1 987	28	18	—	10	5	—
Painters, manufactured articles.....	553	521	26	21	—	5	6	—
Precision machine operatives.....	2 804	2 709	27	4	—	23	68	—
Sawyers.....	69	69	—	—	—	—	—	—
Stationary firemen.....	546	439	96	9	14	73	11	—
Textile operatives.....	2 435	2 390	10	5	—	5	35	—
Welders and flamecutters.....	1 801	1 701	21	12	—	9	79	—
Other metalworking operatives.....	1 369	1 319	23	19	—	4	27	—
Other specified operatives.....	10 245	9 694	138	49	9	80	408	5
Miscellaneous and not specified operatives.....	11 626	11 231	213	49	24	140	182	—
Occupation:								
Machine operatives, miscellaneous specified.....	4 537	4 406	57	15	5	37	74	—
Machine operatives, not specified.....	3 535	3 477	42	17	5	20	16	—
Miscellaneous operatives.....	2 279	2 117	88	12	5	71	74	—
Not specified operatives.....	1 275	1 231	26	5	9	12	18	—
Industry:								
Manufacturing.....	10 374	10 171	81	37	10	34	122	—
Durable goods.....	4 251	4 132	45	26	5	14	74	—
Wood products, including furniture.....	182	178	—	—	—	—	4	—
Primary metal industries.....	566	549	17	17	—	—	—	—
Fabricated metal industries.....	858	833	9	4	5	—	16	—
Machinery, including electrical.....	1 575	1 551	10	5	—	5	14	—
Motor vehicles and equipment.....	116	106	6	—	—	6	4	—
Transportation equipment, except motor vehicles.....	167	158	—	—	—	—	9	—
Other durable goods.....	787	757	3	—	—	3	27	—
Nondurable goods.....	5 962	5 878	36	11	5	20	48	—
Food and kindred products.....	537	526	—	—	—	—	11	—
Apparel and other fabricated textile products.....	252	223	7	—	—	7	22	—
Paper and allied products.....	1 016	1 012	4	—	—	4	—	—
Chemicals and allied products.....	1 909	1 888	21	11	5	5	—	—
Other nondurable goods.....	2 248	2 229	4	—	—	4	15	—
Not specified manufacturing industries.....	161	161	—	—	—	—	—	—
Nonmanufacturing industries.....	1 252	1 060	132	12	14	106	60	—
Transportation, communications, and other public utilities.....	288	237	51	—	5	46	—	—
Wholesale and retail trade.....	496	475	5	—	—	5	16	—
All other industries.....	468	348	76	12	9	55	44	—
Transport equipment operatives.....	19 682	17 736	844	144	192	508	1 084	18
Bus drivers.....	1 837	1 635	192	—	39	153	10	—
Taxicab drivers and chauffeurs.....	903	746	59	5	9	45	98	—
Truck drivers and deliverymen.....	13 675	12 363	422	97	111	214	877	13
Other transport equipment operatives.....	3 267	2 992	171	42	33	96	99	5
Laborers, except farm.....	16 583	14 244	1 762	361	169	1 232	562	15
Construction laborers.....	2 393	1 997	396	—	61	335	—	—
Freight, stock, and material handlers.....	8 576	7 996	494	230	18	246	77	9
Other specified laborers.....	4 096	3 087	591	108	84	399	412	6
Miscellaneous and not specified laborers.....	1 518	1 164	281	23	6	252	73	—
Occupation:								
Miscellaneous laborers.....	418	256	127	5	—	122	35	—
Not specified laborers.....	1 100	908	154	18	6	130	38	—
Industry:								
Manufacturing.....	629	601	22	—	—	22	6	—
Durable goods.....	271	264	7	—	—	7	—	—
Wood products, including furniture.....	31	31	—	—	—	—	—	—
Metal industries.....	120	113	7	—	—	7	—	—
Machinery, including electrical.....	51	51	—	—	—	—	—	—
Transportation equipment.....	21	21	—	—	—	—	—	—
Other durable goods.....	48	48	—	—	—	—	—	—
Nondurable goods.....	351	330	15	—	—	15	6	—
Food and kindred products.....	43	43	—	—	—	—	—	—
Not specified manufacturing industries.....	7	7	—	—	—	—	—	—
Nonmanufacturing industries.....	889	563	259	23	6	230	67	—
Railroads and railway express service.....	39	39	—	—	—	—	—	—
Transportation, except railroads.....	44	34	5	—	—	5	5	—
Communications, and utilities and sanitary services.....	200	50	144	5	6	133	6	—
Wholesale and retail trade.....	241	196	—	—	—	—	45	—
All other industries.....	365	244	110	18	—	92	11	—
Farmers and farm managers.....	354	116	—	—	—	—	238	—
Farm laborers and farm foremen.....	431	379	18	—	—	18	26	8
Paid farm laborers and farm foremen.....	423	379	18	—	—	18	26	—
Unpaid family workers.....	8	—	—	—	—	—	—	8
Service workers, except private household ¹	25 578	14 755	8 770	583	597	7 590	1 997	62
Cleaning service workers.....	7 540	4 977	2 277	154	204	1 919	286	—
Food service workers.....	5 460	4 757	86	8	17	61	584	53
Cooks, except private household.....	1 985	1 637	35	3	5	32	298	15
Busboys and dishwashers.....	750	722	23	—	—	—	5	—
Health service workers.....	449	329	114	32	37	45	—	—
Personal service workers.....	2 938	1 785	128	9	19	100	1 020	5
Protective service workers.....	7 562	1 718	5 810	354	277	5 179	34	—
Firemen, fire protection.....	1 044	10	1 054	5	—	1 049	—	—
Guards and watchmen.....	1 813	1 507	288	39	23	226	18	—
Policemen and detectives.....	3 963	160	3 787	310	235	3 242	16	—
Private household workers.....	158	116	—	—	—	—	42	—

¹Includes 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

PATERSON-CLIFTON-PASSAIC SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	215 515	181 247	28 098	2 205	2 887	23 006	4 794	1 376
Professional, technical, and kindred workers	34 523	17 528	15 595	297	1 210	14 088	1 252	148
Accountants	952	868	45	35	—	10	—	11
Computer specialists	504	498	6	—	6	—	—	—
Librarians	745	183	546	3	19	524	—	16
Mathematical specialists	158	148	10	—	—	10	—	—
Life and physical scientists	392	345	47	5	5	37	—	—
Registered nurses, dietitians, and therapists	6 815	5 387	1 151	68	149	934	226	51
Dietitians	190	162	28	7	5	16	—	—
Registered nurses	6 281	5 090	939	57	103	779	201	51
Health technologists and technicians	1 182	1 039	143	12	44	87	—	—
Social scientists	222	115	90	5	5	80	11	6
Social and recreation workers	871	262	609	23	158	428	—	—
Teachers: College and university	586	350	236	—	136	100	—	—
Elementary and prekindergarten	10 166	2 238	7 907	23	264	7 620	15	6
Secondary	3 823	662	3 161	33	140	2 988	—	—
Other teachers	763	272	130	10	9	111	356	5
Engineering and science technicians	797	767	20	—	10	10	—	—
Technicians, except health, and engineering and science	83	30	53	5	5	43	—	—
Writers, artists, and entertainers	2 279	1 886	56	9	5	42	327	10
Actors and dancers	20	—	—	—	—	—	13	—
Authors, editors, and reporters	793	724	9	9	—	—	60	—
Other professional, technical, and kindred workers	4 185	2 478	1 385	66	255	1 064	279	43
Managers and administrators, except farm	7 367	5 970	700	78	81	541	589	108
Buyers, purchasing agents, and sales managers	1 481	1 399	4	—	—	4	61	17
Restaurant, cafeteria, and bar managers	383	188	88	—	5	83	89	18
School administrators	402	218	184	—	13	171	—	—
Other specified managers and administrators	1 566	1 176	317	78	32	207	73	—
Managers and administrators, n.e.c., salaried	3 096	2 989	107	—	31	76	—	—
Wholesale and retail trade	914	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	439	—	—	—	—	—	366	73
Wholesale and retail trade	253	—	—	—	—	—	229	24
Sales workers	18 002	16 813	83	10	—	73	849	257
Demonstrators, hucksters, and peddlers	322	273	—	—	—	—	49	—
Insurance, real estate agents, and brokers	928	801	5	5	—	—	122	—
Sales clerks, retail trade	13 222	12 474	31	—	—	31	499	218
Salesmen, retail trade	406	376	—	—	—	—	10	20
Other sales workers	3 124	2 889	47	5	—	42	169	19
Clerical and kindred workers	89 361	80 698	7 665	1 577	1 010	5 078	532	466
Bank tellers	1 561	1 475	82	50	24	8	4	—
Bookkeepers	10 894	10 172	390	54	69	267	168	164
Cashiers	5 138	4 869	187	6	16	165	36	46
Counter clerks, except food	1 341	1 297	11	—	—	11	18	15
Enumerators and interviewers	181	119	62	58	—	4	—	—
File clerks	2 992	2 890	102	13	16	73	—	—
Office machine operators	4 525	4 328	187	33	32	122	5	5
Bookkeeping and billing machine operators	823	756	62	6	4	52	—	5
Keypunch operators	2 521	2 435	81	27	14	40	5	—
Payroll and timekeeping clerks	1 150	1 062	88	5	17	66	—	—
Receptionists	2 086	1 949	114	4	20	90	5	18
Secretaries	27 381	24 864	2 307	311	332	1 664	90	120
Stenographers	587	392	168	21	39	108	27	—
Telephone operators	3 451	3 276	166	29	36	101	—	9
Typists	9 008	7 929	1 013	139	154	720	51	15
Other clerical and kindred workers	19 066	16 076	2 788	854	255	1 679	128	74
Craftsmen and kindred workers	3 533	3 235	108	27	28	53	146	44
Foremen, n.e.c.	1 213	1 174	35	12	18	5	—	4
Operatives, except transport	34 497	33 619	392	156	71	165	367	119
Assemblers	3 020	2 965	16	9	7	—	9	30
Bottling and canning operatives	74	69	—	—	—	—	—	5
Checkers, examiners, and inspectors, manufacturing	2 483	2 444	29	11	13	5	5	5
Dressmakers and seamstresses, except factory	554	398	27	27	—	—	129	—
Laundry and drycleaning operatives, including ironers	1 198	1 128	27	—	6	21	27	16
Graders and sorters, manufacturing	88	88	—	—	—	—	—	—
Packers and wrappers, except produce	4 630	4 563	48	20	4	24	5	14
Sewers and stitchers	8 501	8 364	62	13	—	49	67	8
Textile operatives	1 189	1 170	9	—	5	4	10	—
Other specified operatives	6 549	6 314	122	52	25	45	78	35
Miscellaneous and not specified operatives	6 211	6 116	52	24	11	17	37	6
Manufacturing	5 692	5 617	47	24	6	17	28	—
Durable goods	2 595	2 547	31	22	—	9	17	—
Machinery, including electrical	1 163	1 158	5	5	—	—	—	—
Other durable goods	1 432	1 389	26	17	—	9	17	—
Nondurable goods, including not specified manufacturing	3 097	3 070	16	2	6	8	11	—
Food and kindred products	205	205	—	—	—	—	—	—
Apparel and other fabricated textile products	860	850	10	—	6	4	—	—
Nonmanufacturing industries	519	499	5	—	5	—	9	6
Transport equipment operatives	767	640	90	—	—	90	29	8
Laborers, except farm	1 645	1 527	53	16	—	37	42	23
Farmers and farm managers	80	20	—	—	—	—	60	—
Farm laborers and farm foremen	185	142	3	—	3	—	4	36
Paid farm laborers and farm foremen	149	142	3	—	3	—	4	—
Unpaid family workers	36	—	—	—	—	—	—	36
Service workers, except private household¹	21 473	16 986	3 409	44	484	2 881	911	167
Cleaning service workers	1 632	1 388	214	9	56	149	25	5
Chambermaids and maids	334	282	42	—	11	31	5	5
Food service workers	7 729	6 442	901	14	96	791	263	123
Cooks, except private household	960	587	226	—	32	194	104	43
Waiters and food counter workers	5 271	4 893	204	14	23	167	107	67
Health service workers	5 196	4 480	646	8	158	480	59	11
Nursing aides, orderlies, and attendants	2 463	2 087	361	3	126	232	10	5
Practical nurses	1 049	769	231	—	27	204	49	—
Personal service workers	3 906	2 902	494	5	146	343	490	20
Hairdressers and cosmetologists	2 480	2 056	16	—	7	9	398	10
Private household workers	4 082	4 069	—	—	—	—	13	—
Private household workers, living in	853	853	—	—	—	—	—	—
Private household workers, living out	3 229	3 216	—	—	—	—	13	—

¹Includes 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

PATERSON—CLIFTON—PASSAIC SMSA—Continued

Negro

Male, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	15 011	12 348	2 097	879	205	1 013	558	8
Professional, technical, and kindred workers	958	609	267	45	54	168	82	
Accountants	67	48	19	—	5	5	—	—
Architects	15	15	—	—	—	—	—	—
Computer specialists	88	88	—	—	—	—	—	—
Engineers	77	65	12	7	5	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	29	24	5	—	5	—	—	—
Electrical and electronic	15	8	7	7	—	—	—	—
Mechanical	11	11	—	—	—	—	—	—
Other engineers	22	22	—	—	—	—	—	—
Lawyers and judges	8	5	—	—	—	—	3	—
Life and physical scientists	32	28	4	4	—	—	—	—
Chemists	19	15	4	4	—	—	—	—
Physicians, dentists, and related practitioners	61	12	17	—	4	13	32	—
Dentists	20	—	4	—	4	—	16	—
Pharmacists	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	41	12	13	—	—	13	16	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	39	39	—	—	—	—	—	—
Religious workers	50	44	—	—	—	—	6	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	69	15	54	—	18	36	—	—
Teachers	118	24	94	—	17	77	—	—
College and university	21	6	15	—	11	4	—	—
Elementary and prekindergarten	49	12	37	—	6	31	—	—
Secondary	42	—	42	—	—	42	—	—
Engineering and science technicians	84	79	5	—	5	—	—	—
Draftsmen and surveyors	30	25	5	—	5	—	—	—
Electrical and electronic engineering technicians	26	26	—	—	—	—	—	—
Technicians, except health, and engineering and science	9	4	5	5	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	76	61	—	—	—	—	15	—
Other professional, technical, and kindred workers	165	82	57	20	—	37	26	—
Managers and administrators, except farm	537	362	130	39	11	80	45	
Buyers, purchasing agents, and sales managers	39	39	—	—	—	—	—	—
School administrators	49	11	38	—	6	32	—	—
Specified managers and administrators, public administration	59	—	59	34	—	25	—	—
Other specified managers and administrators	145	118	11	—	—	11	16	—
Managers and administrators, n.e.c., salaried	216	194	22	5	5	12	—	—
Manufacturing	49	45	—	—	—	—	—	—
Wholesale and retail trade	45	45	—	—	—	—	—	—
Transportation, communications and other public utilities	8	8	—	—	—	—	—	—
All other industries	114	92	22	5	5	12	—	—
Managers and administrators, n.e.c., self-employed	29	—	—	—	—	—	29	—
Construction	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	25	—	—	—	—	—	25	—
All other industries	4	—	—	—	—	—	4	—
Sales workers	378	332					46	
Insurance agents, brokers, and underwriters	59	59	—	—	—	—	—	—
Real estate agents and brokers	18	7	—	—	—	—	11	—
Sales representatives, manufacturing industries	24	24	—	—	—	—	—	—
Sales representatives, wholesale trade	20	20	—	—	—	—	—	—
Sales clerks, retail trade	122	98	—	—	—	—	24	—
Salesmen, retail trade	33	29	—	—	—	—	4	—
Salesmen of services and construction	26	26	—	—	—	—	—	—
Other sales workers	76	69	—	—	—	—	7	—
Clerical and kindred workers	1 509	924	585	501	29	55		
Bank tellers and cashiers	50	37	13	—	6	7	—	—
Bookkeepers and billing clerks	43	33	10	4	—	6	—	—
Mail handlers and postal clerks	385	37	348	348	—	—	—	—
Other clerical and kindred workers	1 031	817	214	149	23	42	—	—
Craftsmen and kindred workers	2 360	2 076	145	74	22	49	131	8
Apparel craftsmen and upholsterers	35	35	—	—	—	—	—	—
Bakers	42	42	—	—	—	—	—	—
Cabinetmakers	20	15	—	—	—	—	5	—
Construction craftsmen	354	258	23	3	8	12	65	8
Carpenters	85	54	—	—	—	—	31	—
Excavating, grading, and road machine operators	36	23	13	—	8	5	—	—
Electricians	49	41	3	3	—	—	5	—
Masons and tile setters	27	27	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	86	42	7	—	—	7	29	8
Plasterers and cement finishers	26	26	—	—	—	—	—	—
Plumbers and pipe fitters	32	32	—	—	—	—	—	—
Other construction craftsmen	13	13	—	—	—	—	—	—
Foremen, n.e.c.	320	314	6	6	—	—	—	—
Manufacturing	188	188	—	—	—	—	—	—
Nonmanufacturing industries	132	126	6	6	—	—	—	—
Linemen and servicemen, telephone and power	57	57	—	—	—	—	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	574	491	39	22	3	14	44	—
Air conditioning, heating, and refrigeration	24	19	—	—	—	—	5	—
Aircraft	6	6	—	—	—	—	—	—
Automobile, including body	387	337	22	17	—	5	28	—
Radio and television	15	4	—	—	—	—	11	—
Other mechanics and repairmen	142	125	17	5	3	9	—	—
Metal craftsmen, except mechanics	169	169	—	—	—	—	—	—
Machinists and job and die setters	116	116	—	—	—	—	—	—
Sheetmetal workers and linemiths	—	—	—	—	—	—	—	—
Tool and die makers	11	11	—	—	—	—	—	—
Other metal craftsmen	42	42	—	—	—	—	—	—
Printing craftsmen	157	152	5	5	—	—	—	—
Compositors and typesetters	85	85	—	—	—	—	—	—
Pressmen and plate printers, printing	59	54	5	5	—	—	—	—
Stationary engineers and power station operators	36	31	5	—	5	—	—	—
Other craftsmen and kindred workers	596	512	67	38	6	23	17	—

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

PATERSON—CLIFTON—PASSAIC SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers
			Total	Federal	State			Local
Operatives, except transport	3 834	3 701	97	48	11	38	36
Assemblers	178	162	9	5	—	4	7
Checkers, examiners, and inspectors, manufacturing	128	116	12	—	6	6	—
Garage workers and gas station attendants	94	84	—	—	—	—	8
Laundry and drycleaning operatives, n.e.c.	40	40	—	—	—	—	—
Meat cutters and butchers	19	19	—	—	—	—	—
Mine operatives, n.e.c.	16	16	—	—	—	—	—
Packers and wrappers, except produce	205	205	—	—	—	—	—
Painters, manufactured articles	83	70	13	13	—	—	4
Precision machine operatives	123	119	—	—	—	—	—
Sawyers	7	7	—	—	—	—	—
Stationary firemen	17	17	—	—	—	—	—
Textile operatives	94	94	—	—	—	—	—
Welders and flamecutters	87	83	4	—	—	4	—
Other metalworking operatives	183	183	—	—	—	—	—
Other specified operatives	1 445	1 406	27	18	—	9	12
Miscellaneous and not specified operatives	1 115	1 078	32	12	5	15	5
Occupation:							
Machine operatives, miscellaneous specified	434	424	10	5	5	—	—
Machine operatives, not specified	424	413	11	7	—	4	—
Miscellaneous operatives	169	165	4	—	—	4	—
Not specified operatives	88	76	7	—	—	7	5
Industry:							
Manufacturing	1 015	987	28	12	5	11	—
Durable goods	366	354	12	12	—	—	—
Wood products, including furniture	—	—	—	—	—	—	—
Primary metal industries	58	51	7	7	—	—	—
Fabricated metal industries	63	63	—	—	—	—	—
Machinery, including electrical	147	142	5	5	—	—	—
Motor vehicles and equipment	15	15	—	—	—	—	—
Transportation equipment, except motor vehicles	30	30	—	—	—	—	—
Other durable goods	53	53	—	—	—	—	—
Nondurable goods	637	621	16	—	5	11	—
Food and kindred products	30	30	—	—	—	—	—
Apparel and other fabricated textile products	28	21	7	—	—	7	—
Paper and allied products	151	151	—	—	—	—	—
Chemicals and allied products	225	220	5	—	5	—	—
Other nondurable goods	203	199	4	—	—	4	—
Not specified manufacturing industries	12	12	—	—	—	—	—
Nonmanufacturing industries	100	91	4	—	—	4	5
Transportation, communications, and other public utilities	12	12	—	—	—	—	—
Wholesale and retail trade	40	35	—	—	—	—	5
All other industries	48	44	4	—	—	4	—
Transport equipment operatives	1 706	1 518	127	21	32	74	61
Bus drivers	101	93	8	—	—	8	—
Taxicab drivers and chauffeurs	111	92	10	—	—	10	9
Truck drivers and deliverymen	976	905	44	7	10	27	27
Other transport equipment operatives	518	428	65	14	22	29	25
Laborers, except farm	1 922	1 561	315	121	—	194	46
Construction laborers	288	276	12	—	—	12	—
Freight, stock, and material handlers	704	567	137	63	—	74	—
Other specified laborers	707	547	114	58	—	56	46
Miscellaneous and not specified laborers	223	171	52	—	—	52	—
Occupation:							
Miscellaneous laborers	52	24	28	—	—	28	—
Not specified laborers	171	147	24	—	—	24	—
Industry:							
Manufacturing	111	104	7	—	—	7	—
Durable goods	46	39	7	—	—	7	—
Wood products, including furniture	6	6	—	—	—	—	—
Metal industries	34	27	7	—	—	7	—
Machinery, including electrical	—	—	—	—	—	—	—
Transportation equipment	—	—	—	—	—	—	—
Other durable goods	6	6	—	—	—	—	—
Nondurable goods	65	65	—	—	—	—	—
Food and kindred products	—	—	—	—	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—
Nonmanufacturing industries	112	67	45	—	—	45	—
Railroads and railway express service	9	9	—	—	—	—	—
Transportation, except railroads	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	23	—	23	—	—	23	—
Wholesale and retail trade	28	28	—	—	—	—	—
All other industries	52	30	22	—	—	22	—
Farmers and farm managers	48	5	—	—	—	—	43
Form laborers and farm foremen	65	61	4	—	—	4	—
Paid farm laborers and farm foremen	65	61	4	—	—	4	—
Unpaid family workers	—	—	—	—	—	—	—
Service workers, except private household¹	1 658	1 170	427	30	46	351	61
Cleaning service workers	709	552	128	5	27	96	29
Food service workers	223	205	18	—	—	18	—
Cooks, except private household	102	84	18	—	—	18	—
Busboys and dishwashers	12	12	—	—	—	—	—
Health service workers	113	63	50	14	15	21	—
Personal service workers	100	65	9	—	4	5	26
Protective service workers	249	81	168	6	—	162	—
Firemen, fire protection	25	—	25	—	—	25	—
Guards and watchmen	85	69	16	—	—	16	—
Policemen and detectives	135	12	123	6	—	117	—
Private household workers	36	29	—	—	—	—	7

¹Includes 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**

PATERSON-CLIFTON-PASSAIC SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	13 496	11 060	2 232	467	429	1 336	187	17
Professional, technical, and kindred workers	1 274	497	741	48	130	563	36	—
Accountants	16	16	—	—	—	—	—	—
Computer specialists	4	4	—	—	—	—	—	—
Librarians	31	6	25	—	5	20	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	13	13	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	333	221	92	3	25	64	20	—
Dietitians	26	21	5	—	5	—	—	—
Registered nurses	307	200	87	3	20	64	20	—
Health technologists and technicians	77	53	24	7	4	13	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	105	33	72	8	18	46	9	—
Teachers: College and university	9	—	9	—	—	9	—	—
Elementary and prekindergarten	344	31	313	10	16	287	—	—
Secondary	98	4	94	6	22	66	—	—
Other teachers	17	5	12	6	—	6	—	—
Engineering and science technicians	54	54	—	—	—	—	—	—
Technicians, except health, and engineering and science	9	4	5	—	—	5	—	—
Writers, artists, and entertainers	32	32	—	—	—	—	—	—
Actors and dancers	3	3	—	—	—	—	—	—
Authors, editors, and reporters	12	12	—	—	—	—	—	—
Other professional, technical, and kindred workers	132	21	95	8	40	47	16	—
Managers and administrators, except farm	218	156	50	22	14	14	7	5
Buyers, purchasing agents, and sales managers	23	23	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	5	—	—	—	—	—	—	5
School administrators	14	5	9	—	3	6	—	—
Other specified managers and administrators	63	26	37	22	11	4	—	—
Managers and administrators, n.e.c., salaried	106	102	4	—	—	4	—	—
Wholesale and retail trade	30	30	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	7	—	—	—	—	—	7	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Sales workers	474	456	—	—	—	—	18	—
Demonstrators, hucksters, and peddlers	20	20	—	—	—	—	—	—
Insurance, real estate agents, and brokers	—	—	—	—	—	—	—	—
Sales clerks, retail trade	275	262	—	—	—	—	13	—
Salesmen, retail trade	11	11	—	—	—	—	—	—
Other sales workers	168	163	—	—	—	—	5	—
Clerical and kindred workers	3 088	2 350	726	345	97	284	—	12
Bank tellers	64	49	15	—	—	—	—	7
Bookkeepers	204	169	28	13	10	5	—	—
Cashiers	198	175	23	6	12	5	—	—
Counter clerks, except food	44	44	—	—	—	—	—	—
Enumerators and interviewers	5	5	—	—	—	—	—	—
File clerks	107	98	9	—	—	9	—	—
Office machine operators	338	322	16	8	4	4	—	—
Bookkeeping and billing machine operators	21	17	4	—	—	—	—	—
Keypunch operators	267	255	12	8	—	4	—	—
Payroll and timekeeping clerks	13	13	—	—	—	—	—	—
Receptionists	82	82	—	—	—	—	—	—
Secretaries	381	298	83	19	6	58	—	—
Stenographers	18	5	13	—	13	—	—	—
Telephone operators	237	206	26	5	12	9	—	5
Typists	351	252	99	24	14	61	—	—
Other clerical and kindred workers	1 046	637	409	250	26	133	—	—
Craftsmen and kindred workers	218	206	—	—	—	—	12	—
Foremen, n.e.c.	41	41	—	—	—	—	—	—
Operatives, except transport	3 605	3 485	104	44	29	31	16	—
Assemblers	313	313	—	—	—	—	—	—
Bottling and canning operatives	11	11	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	232	217	15	11	4	—	—	—
Dressmakers and seamstresses, except factory	20	7	13	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	420	387	22	—	6	16	11	—
Graders and sorters, manufacturing	5	5	—	—	—	—	—	—
Packers and wrappers, except produce	310	297	13	—	4	9	—	—
Sewers and stitchers	339	339	—	—	—	—	—	—
Textile operatives	58	58	—	—	—	—	—	—
Other specified operatives	1 080	1 051	24	9	9	6	5	—
Miscellaneous and not specified operatives	817	800	17	11	6	—	—	—
Manufacturing	759	742	17	11	6	—	—	—
Durable goods	438	427	11	11	—	—	—	—
Machinery, including electrical	175	170	5	5	—	—	—	—
Other durable goods	263	257	6	6	—	—	—	—
Nondurable goods, including not specified manufacturing	321	315	6	—	6	—	—	—
Food and kindred products	28	28	—	—	—	—	—	—
Apparel and other fabricated textile products	21	15	6	—	6	—	—	—
Nonmanufacturing industries	58	58	—	—	—	—	—	—
Transport equipment operatives	21	21	—	—	—	—	—	—
Laborers, except farm	197	187	10	5	—	5	—	—
Farmers and farm managers	14	10	—	—	—	—	4	—
Farm laborers and farm foremen	58	51	3	—	3	—	4	—
Paid farm laborers and farm foremen	58	51	3	—	3	—	4	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	2 278	1 594	598	3	156	439	86	—
Cleaning service workers	373	287	72	—	32	40	14	—
Chambermaids and maids	62	56	6	—	—	6	—	—
Food service workers	284	219	65	—	16	49	—	—
Cooks, except private household	88	70	18	—	6	12	—	—
Waiters and food counter workers	102	91	11	—	—	11	—	—
Health service workers	873	644	229	3	58	168	—	—
Nursing aides, orderlies, and attendants	596	431	165	3	42	120	—	—
Practical nurses	159	109	50	—	16	34	—	—
Personal service workers	249	134	52	—	40	12	63	—
Hairdressers and cosmetologists	118	60	7	—	7	—	51	—
Private household workers	2 051	2 047	—	—	—	—	4	—
Private household workers, living in	396	396	—	—	—	—	—	—
Private household workers, living out	1 655	1 651	—	—	—	—	4	—

¹Includes 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

PHILADELPHIA, PA.—N.J., SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	1 165 250	921 622	153 556	64 086	20 288	69 182	88 363	1 709
Professional, technical, and kindred workers	185 216	125 922	39 530	12 098	6 904	20 528	19 682	82
Accountants	15 267	11 451	2 175	1 453	317	405	1 636	5
Architects	7 662	1 081	150	91	6	53	431	—
Computer specialists	7 201	6 301	856	677	49	130	44	—
Engineers	34 950	29 847	4 519	3 635	428	456	784	—
Aeronautical and astronautical	1 549	1 352	197	197	—	—	—	—
Civil	3 381	2 308	963	334	364	265	110	—
Electrical and electronic	8 747	7 692	1 006	972	9	25	49	—
Mechanical	5 847	4 723	1 018	984	5	29	104	—
Other engineers	15 426	13 570	1 335	1 148	50	137	321	—
Lawyers and judges	6 043	2 015	787	368	185	234	3 241	—
Life and physical scientists	5 603	4 683	831	652	63	116	89	—
Chemists	4 391	3 900	428	328	21	79	63	—
Physicians, dentists, and related practitioners	15 328	5 531	855	215	346	294	8 931	11
Dentists	2 572	306	81	15	35	31	2 185	—
Pharmacists	2 799	1 793	55	26	16	13	945	6
Physicians, medical and osteopathic	8 665	3 266	706	171	289	246	4 688	5
Other related practitioners	1 292	166	13	3	6	4	1 113	—
Health technologists and technicians	1 583	1 319	212	74	83	55	52	—
Religious workers	3 982	3 545	47	8	31	8	390	—
Social scientists	2 632	1 997	517	196	—	157	112	6
Social and recreation workers	2 593	673	1 882	151	690	1 041	32	6
Teachers	27 732	10 330	17 098	191	2 765	14 142	299	5
College and university	7 097	5 117	1 980	44	1 460	476	—	—
Elementary and prekindergarten	5 842	1 168	4 674	48	441	4 185	—	—
Secondary	12 924	2 845	10 079	39	749	9 291	—	—
Engineering and science technicians	20 942	18 501	2 260	1 612	238	410	181	—
Draftsmen and surveyors	9 334	8 349	856	438	123	295	129	—
Electrical and electronic engineering technicians	4 175	3 536	614	551	45	18	25	—
Technicians, except health, and engineering and science	1 890	1 168	691	353	57	281	31	—
Airplane pilots	559	532	17	17	—	—	10	—
Writers, artists, and entertainers	13 500	10 534	680	415	100	165	2 258	28
Other professional, technical, and kindred workers	24 308	17 146	5 970	2 007	1 382	2 581	1 171	21
Managers and administrators, except farm	125 601	95 188	13 422	6 146	2 046	5 230	16 784	207
Buyers, purchasing agents, and sales managers	19 153	16 850	1 051	897	88	66	1 236	16
School administrators	3 126	975	2 123	10	344	1 769	28	—
Specified managers and administrators, public administration	6 980	—	6 980	4 130	865	1 985	—	—
Other specified managers and administrators	22 984	18 693	1 284	505	201	578	2 965	42
Managers and administrators, n.e.c., salaried	60 654	58 670	1 984	604	548	832	—	—
Manufacturing	21 022	20 722	300	290	—	10	—	—
Wholesale and retail trade	16 462	16 127	335	76	246	13	—	—
Transportation, communications and other public utilities	4 709	4 468	241	43	34	164	—	—
All other industries	18 461	17 353	1 108	195	268	645	—	—
Managers and administrators, n.e.c., self-employed	12 704	—	—	—	—	—	12 555	149
Construction	2 110	—	—	—	—	—	2 106	4
Manufacturing	1 284	—	—	—	—	—	1 265	19
Wholesale and retail trade	6 876	—	—	—	—	—	6 818	58
All other industries	2 434	—	—	—	—	—	2 366	68
Sales workers	90 156	75 169	1 663	260	1 156	247	13 058	266
Insurance agents, brokers, and underwriters	10 549	9 253	30	19	—	11	1 266	—
Real estate agents and brokers	3 860	2 401	16	—	10	6	1 443	—
Sales representatives, manufacturing industries	12 501	11 919	16	10	—	6	560	6
Sales representatives, wholesale trade	16 064	13 685	64	9	39	16	2 297	18
Sales clerks, retail trade	22 658	17 151	919	94	787	38	4 397	191
Salesmen, retail trade	9 240	7 906	14	9	—	5	1 304	16
Salesmen of services and construction	4 221	3 657	264	33	205	26	296	4
Other sales workers	11 063	9 197	340	86	115	139	1 495	31
Clerical and kindred workers	111 298	81 501	28 243	22 769	1 656	3 818	1 451	103
Bank tellers and cashiers	5 422	4 935	408	55	216	137	79	—
Bookkeepers and billing clerks	8 551	7 234	954	555	148	251	332	31
Mail handlers and postal clerks	15 953	2 048	13 892	13 796	40	56	13	—
Other clerical and kindred workers	81 372	67 284	12 989	8 363	1 252	3 374	1 027	72
Craftsmen and kindred workers	248 836	208 121	20 697	11 970	2 320	6 407	19 821	197
Apparel craftsmen and upholsterers	3 559	2 802	88	56	12	20	663	6
Bakers	2 918	2 511	91	44	14	33	298	18
Cabinetmakers	1 284	995	47	5	24	18	233	9
Construction craftsmen	62 438	48 338	5 710	3 277	691	1 742	8 338	52
Carpenters	16 458	12 729	1 010	571	124	315	2 686	33
Excavating, grading, and road machine operators	3 686	2 967	475	62	126	287	244	—
Electricians	11 609	9 259	1 628	1 215	151	262	717	5
Masons and tile setters	5 077	4 298	191	26	40	125	583	5
Painters, construction and maintenance, and paperhangers	7 509	4 357	824	365	88	351	2 128	—
Plasterers and cement finishers	2 367	1 919	134	27	33	74	314	—
Plumbers and pipe fitters	11 544	9 066	1 347	955	129	263	1 122	9
Other construction craftsmen	4 188	3 543	101	36	—	65	544	—
Foremen, n.e.c.	34 523	31 630	2 443	1 276	378	789	445	5
Manufacturing	21 578	20 770	637	593	20	24	166	5
Nonmanufacturing industries	12 945	10 860	1 806	683	358	765	279	—
Linemen and servicemen, telephone and power	8 551	8 376	140	76	12	52	35	—
Locomotive engineers and firemen	980	963	17	4	9	4	—	—
Mechanics and repairmen	55 004	45 583	4 357	2 261	437	1 659	5 015	49
Air conditioning, heating, and refrigeration	3 816	3 016	336	171	37	128	464	—
Aircraft	1 359	922	437	403	29	5	—	—
Automobile, including body	20 813	16 831	1 186	338	179	669	2 772	24
Radio and television	2 882	1 850	366	286	11	69	666	—
Other mechanics and repairmen	26 134	22 964	2 032	1 063	181	788	1 113	25
Metal craftsmen, except mechanics	28 606	25 117	2 998	2 721	75	202	491	—
Machinists and job and die setters	11 155	9 843	1 197	1 058	22	117	115	—
Sheetmetal workers and tinmiths	4 734	4 014	634	607	22	5	86	—
Tool and die makers	5 676	5 292	254	229	13	12	130	—
Other metal craftsmen	7 041	5 968	913	827	18	68	160	—
Printing craftsmen	11 708	11 015	229	158	8	63	455	9
Compositors and typesetters	4 424	4 087	71	58	—	13	260	6
Pressmen and plate printers, printing	5 616	5 356	129	87	8	34	128	3
Stationary engineers and power station operators	5 006	3 910	1 087	144	149	794	9	—
Other craftsmen and kindred workers	34 259	26 881	3 490	1 948	511	1 031	3 839	49

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

PHILADELPHIA, PA.—N.J., SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	159 090	149 250	6 384	4 018	582	1 784	3 340	116
Assemblers.....	10 358	10 057	227	170	10	47	64	10
Checkers, examiners, and inspectors; manufacturing	10 046	9 469	545	432	35	78	28	4
Garage workers and gas station attendants.....	6 493	5 910	82	16	—	66	475	26
Laundry and drycleaning operatives, n.e.c.....	1 572	1 153	105	28	44	33	298	16
Meat cutters and butchers.....	6 108	5 358	96	45	21	30	649	5
Mine operatives, n.e.c.....	257	242	—	—	—	—	15	—
Packers and wrappers, except produce.....	6 953	6 643	279	199	11	69	31	—
Painters, manufactured articles.....	2 602	2 435	105	95	—	10	62	—
Precision machine operatives.....	11 027	10 694	209	193	—	16	124	—
Sawyers.....	658	622	16	6	5	5	20	—
Stationary firemen	2 091	1 656	435	138	31	266	—	—
Textile operatives.....	3 203	3 137	28	17	11	17	38	—
Welders and flamecutters.....	11 977	10 866	875	706	50	119	231	5
Other metalworking operatives.....	7 180	6 976	173	123	21	29	31	—
Other specified operatives.....	32 758	30 439	1 428	787	197	444	860	31
Miscellaneous and not specified operatives.....	45 807	43 593	1 781	1 080	146	553	414	19
Occupations	19 817	19 132	597	415	31	151	88	—
Machine operatives, miscellaneous specified.....	9 452	8 993	421	283	32	106	38	—
Miscellaneous operatives.....	11 818	10 999	585	264	71	250	220	14
Not specified operatives.....	4 720	4 469	178	118	12	48	68	5
Industry:	39 657	38 630	828	623	59	146	199	—
Durable goods	19 270	18 476	696	567	36	92	98	—
Wood products, including furniture.....	883	871	6	—	—	6	6	—
Primary metal industries.....	3 737	3 694	36	20	3	13	7	—
Fabricated metal industries.....	3 272	3 225	37	30	7	—	10	—
Machinery, including electrical.....	5 546	5 436	83	25	15	43	27	—
Motor vehicles and equipment.....	737	725	12	5	—	7	—	—
Transportation equipment, except motor vehicles.....	1 126	1 100	322	308	—	14	4	—
Other durable goods.....	3 969	3 725	200	179	11	10	44	—
Nondurable goods	19 987	19 771	115	56	14	45	101	—
Food and kindred products.....	3 148	3 096	29	4	4	21	23	—
Apparel and other fabricated textile products.....	706	681	8	8	—	—	17	—
Paper and allied products.....	3 962	3 945	12	—	—	12	5	—
Chemicals and allied products.....	5 081	5 036	37	19	10	8	8	—
Other nondurable goods.....	7 090	7 013	29	25	—	4	48	—
Not specified manufacturing industries.....	400	383	17	—	9	8	—	—
Nonmanufacturing industries	6 150	4 963	953	457	87	409	215	79
Transportation, communications, and other public utilities.....	1 276	1 076	192	5	6	181	4	4
Wholesale and retail trade.....	2 307	2 223	38	8	7	23	42	4
All other industries.....	2 567	1 664	723	444	74	205	169	11
Transport equipment operatives	67 232	59 625	5 205	1 066	787	3 352	2 329	73
Bus drivers.....	4 954	3 573	1 334	49	255	1 030	47	—
Taxicab drivers and chauffeurs.....	3 585	3 265	162	54	27	81	154	4
Truck drivers and deliverymen.....	43 889	39 105	2 815	586	374	1 926	1 855	43
Other transport equipment operatives.....	14 804	13 682	894	377	131	386	202	26
Laborers, except farm	67 037	57 312	8 055	2 610	1 046	4 399	1 547	123
Construction laborers.....	11 738	9 965	1 734	219	516	999	—	39
Freight, stock, and material handlers.....	26 807	23 623	2 787	1 378	180	1 229	345	52
Other specified laborers.....	17 594	14 511	2 106	712	256	1 138	955	22
Miscellaneous and not specified laborers.....	10 898	9 213	1 428	301	94	1 033	247	10
Occupation:	3 591	2 708	740	88	25	627	143	—
Miscellaneous laborers.....	7 307	6 505	688	213	69	406	104	10
Industry:	6 058	5 827	176	137	—	39	55	—
Durable goods	3 878	3 677	163	129	—	34	38	—
Wood products, including furniture.....	156	156	—	—	—	—	—	—
Metal industries.....	2 175	2 134	37	22	—	15	4	—
Machinery, including electrical.....	568	546	17	11	—	6	5	—
Transportation equipment.....	318	221	97	84	—	13	—	—
Other durable goods.....	661	620	12	12	—	—	29	—
Nondurable goods	2 114	2 092	5	—	—	5	17	—
Food and kindred products.....	505	500	—	—	—	—	5	—
Not specified manufacturing industries.....	66	58	8	8	—	—	—	—
Nonmanufacturing industries	4 840	3 386	1 252	164	94	994	192	10
Railroads and railway express service.....	497	474	23	—	11	12	—	—
Transportation, except railroads.....	239	200	33	5	9	19	6	—
Communications, and utilities and sanitary services.....	1 095	330	745	7	26	712	15	5
Wholesale and retail trade.....	1 477	1 301	33	8	—	25	138	5
All other industries.....	1 532	1 081	418	144	48	226	33	—
Farmers and farm managers	4 815	672	53	23	15	15	4 087	3
Farm laborers and farm foremen	5 191	4 610	142	13	75	54	59	380
Paid farm laborers and farm foremen.....	4 811	4 610	142	13	75	54	59	—
Unpaid family workers.....	380	—	—	—	—	—	—	380
Service workers, except private household¹	99 957	63 477	30 162	3 113	3 701	23 348	6 159	159
Cleaning service workers.....	27 329	20 032	6 741	1 064	998	4 679	535	21
Food service workers.....	23 586	20 888	1 013	402	283	328	1 612	73
Cooks, except private household.....	7 612	6 543	438	187	144	107	612	19
Busboys and dishwashers.....	4 851	4 671	159	46	34	79	21	—
Health service workers.....	2 942	1 851	1 076	239	467	370	15	—
Personal service workers.....	9 416	5 446	538	71	182	285	3 421	11
Protective service workers.....	26 521	7 553	18 906	940	1 460	16 506	6 62	—
Firemen, fire protection.....	3 535	109	3 426	81	38	3 307	—	—
Guards and watchmen.....	9 689	6 996	2 675	347	822	1 506	18	—
Policemen and detectives.....	12 394	391	11 959	485	577	10 897	44	—
Private household workers	821	775	—	—	—	—	46	—

¹Includes 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 PHILADELPHIA, PA.—N.J., SMSA—Continued	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	713 247	571 227	117 649	31 138	19 234	67 277	19 451	4 920
Professional, technical, and kindred workers	109 013	60 777	44 089	3 988	6 559	33 542	3 909	238
Accountants	3 764	2 150	1 533	1 385	63	85	77	4
Computer specialists	1 546	1 328	204	168	24	12	10	4
Librarians	2 254	1 023	1 218	38	78	1 102	5	8
Mathematical specialists	323	289	34	16	6	12	—	—
Life and physical scientists	1 024	810	209	59	92	58	5	—
Registered nurses, dietitians, and therapists	23 079	18 155	4 027	624	1 124	2 279	825	72
Dietitians	860	687	167	35	85	67	—	6
Registered nurses	21 088	16 831	3 405	573	820	2 012	786	66
Health technologists and technicians	5 558	4 800	712	143	224	345	36	10
Social scientists	593	323	242	65	62	115	28	—
Social and recreation workers	4 113	1 537	2 444	116	1 278	1 050	5	27
Teachers: College and university	2 534	1 495	839	13	574	252	—	—
Elementary and prekindergarten	27 493	9 004	18 407	167	1 235	17 005	65	17
Secondary	10 912	2 736	8 176	22	587	7 567	—	—
Other teachers	2 560	1 261	333	40	89	184	951	15
Engineering and science technicians	2 386	2 188	198	127	27	44	—	—
Technicians, except health, and engineering and science	396	151	232	57	49	126	13	—
Writers, artists, and entertainers	5 431	4 254	277	131	27	119	866	34
Actors and dancers	118	—	—	—	—	—	4	—
Authors, editors, and reporters	1 567	1 352	42	26	7	9	163	10
Other professional, technical, and kindred workers	15 047	8 973	5 004	797	1 020	3 187	1 023	47
Managers and administrators, except farm	20 895	14 370	3 278	1 385	323	1 570	2 874	373
Buyers, purchasing agents, and sales managers	3 653	2 880	503	450	24	29	253	17
Restaurant, cafeteria, and bar managers	1 713	827	305	32	34	239	535	46
School administrators	1 398	816	566	—	76	490	16	—
Other specified managers and administrators	5 103	3 190	1 593	815	122	656	270	50
Managers and administrators, n.e.c., salaried	6 968	6 657	311	88	67	156	—	—
Wholesale and retail trade	2 361	2 325	36	25	11	—	—	—
Managers and administrators, n.e.c., self-employed	2 060	—	—	—	—	—	1 800	260
Wholesale and retail trade	1 391	—	—	—	—	—	1 238	153
Sales workers	53 776	48 695	589	307	105	177	3 324	1 168
Demonstrators, hucksters, and peddlers	1 293	1 042	15	—	—	15	232	4
Insurance, real estate agents, and brokers	2 451	2 242	16	12	—	4	180	13
Sales clerks, retail trade	39 687	36 279	322	214	51	57	2 192	894
Salesmen, retail trade	1 209	935	—	—	—	—	171	103
Other sales workers	9 136	8 197	236	81	54	101	549	154
Clerical and kindred workers	277 040	227 216	45 804	21 258	6 853	17 693	2 011	2 009
Bank tellers	5 028	4 790	223	171	31	21	10	5
Bookkeepers	28 458	25 032	2 277	1 151	319	807	473	676
Cashiers	16 116	14 755	946	177	95	674	257	158
Counter clerks, except food	3 759	3 535	97	66	11	20	75	52
Enumerators and interviewers	956	564	343	197	34	112	49	—
File clerks	10 176	8 300	1 851	1 104	196	551	20	5
Office machine operators	13 029	10 702	2 291	1 823	142	326	27	9
Bookkeeping and billing machine operators	1 396	1 249	143	70	32	41	—	4
Keypunch operators	8 335	6 515	1 804	1 548	71	185	16	—
Payroll and timekeeping clerks	3 353	2 904	437	221	34	182	6	6
Receptionists	6 196	5 557	528	104	175	249	50	61
Secretaries	75 215	63 768	10 531	3 307	1 900	5 324	288	628
Stenographers	2 692	1 588	1 047	437	221	389	57	—
Telephone operators	10 157	9 523	587	157	134	296	42	5
Typists	32 787	24 822	7 663	3 278	1 526	2 859	206	96
Other clerical and kindred workers	69 118	51 376	16 983	9 065	2 035	5 883	451	308
Craftsman and kindred workers	11 467	10 094	770	337	110	323	533	70
Foremen, n.e.c.	3 247	2 964	235	132	53	50	37	11
Operatives, except transport	109 604	105 210	3 192	1 924	479	789	968	234
Assemblers	10 413	10 167	226	128	25	73	20	—
Bottling and canning operatives	499	497	—	—	—	—	2	—
Checkers, examiners, and inspectors; manufacturing	8 236	8 019	210	120	32	58	7	—
Dressmakers and seamstresses, except factory	2 188	1 419	340	296	20	24	408	21
Laundry and drycleaning operatives, including ironers	5 558	4 994	429	132	135	162	110	25
Graders and sorters, manufacturing	593	576	4	—	—	—	6	7
Packers and wrappers, except produce	13 498	13 350	117	57	15	45	22	9
Sewers and stitchers	26 489	25 672	646	475	57	114	139	32
Textile operatives	4 331	4 276	35	19	—	16	15	5
Other specified operatives	21 014	20 024	710	414	113	183	174	106
Miscellaneous and not specified operatives	16 785	16 216	475	279	82	114	65	29
Manufacturing	14 963	14 661	243	136	33	74	49	10
Durable goods	5 888	5 709	158	105	22	31	17	4
Machinery, including electrical	2 717	2 685	32	16	6	10	—	—
Other durable goods	3 171	3 024	126	89	16	21	17	4
Nondurable goods, including not specified manufacturing	9 075	8 952	85	31	11	43	32	6
Food and kindred products	1 561	1 521	13	5	—	8	21	6
Apparel and other fabricated textile products	2 091	2 070	21	16	—	5	—	—
Nonmanufacturing industries	1 822	1 555	232	143	49	40	16	19
Transport equipment operatives	2 566	1 608	886	20	78	788	72	—
Laborers, except farm	5 293	4 702	369	152	63	154	179	43
Farmers and farm managers	875	97	5	5	—	—	768	5
Farm laborers and farm foremen	1 290	1 007	26	17	5	4	11	246
Paid farm laborers and farm foremen	1 044	1 007	26	17	5	4	11	—
Unpaid family workers	246	—	—	—	—	—	—	246
Service workers, except private household¹	98 841	74 998	18 594	1 714	4 654	12 226	4 715	534
Cleaning service workers	12 900	9 823	2 952	201	600	2 151	100	25
Chambermaids and maids	3 092	2 466	396	37	67	292	23	7
Food service workers	36 646	31 081	4 574	505	731	3 338	702	289
Cooks, except private household	5 691	3 905	1 355	125	196	1 034	315	116
Waiters and food counter workers	23 529	22 146	994	204	143	647	254	135
Health service workers	20 856	15 970	4 365	518	2 096	1 751	452	69
Nursing aides, orderlies, and attendants	10 003	7 251	2 689	270	1 492	927	39	24
Practical nurses	6 867	5 382	1 072	144	375	553	413	—
Personal service workers	13 866	8 643	2 236	173	705	1 358	2 914	73
Hairdressers and cosmetologists	7 602	5 028	55	—	38	17	2 480	39
Private household workers	22 587	22 453	47	31	5	11	87	—
Private household workers, living in	1 725	—	—	—	—	—	—	—
Private household workers, living out	20 862	20 728	47	31	5	11	87	—

¹Includes 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**

PHILADELPHIA, PA.—N.J., SMSA—Continued

Negro

Male, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	161 352	120 054	35 296	15 224	3 865	16 207	5 848	154
Professional, technical, and kindred workers	10 254	5 137	4 507	1 059	857	2 591	603	7
Accountants	376	153	196	108	17	71	27	—
Architects	80	38	35	22	—	13	7	—
Computer specialists	299	194	103	82	—	21	—	—
Engineers	532	331	195	162	—	33	6	—
Aeronautical and astronautical	19	19	—	—	—	—	—	—
Civil	47	9	38	29	—	9	—	—
Electrical and electronic	191	164	27	22	—	5	—	—
Mechanical	56	32	24	24	—	—	—	—
Other engineers	219	107	106	87	—	19	6	—
Lawyers and judges	126	34	41	14	10	17	51	—
Life and physical scientists	280	205	75	44	6	25	—	—
Chemists	218	159	59	44	—	15	—	—
Physicians, dentists, and related practitioners	445	137	45	12	24	9	263	—
Dentists	74	6	9	—	5	4	59	—
Pharmacists	70	42	6	—	6	—	22	—
Physicians, medical and osteopathic	280	84	30	12	13	5	166	—
Other related practitioners	21	5	—	—	—	—	16	—
Health technologists and technicians	313	255	53	6	19	28	5	—
Religious workers	407	334	24	—	16	8	49	—
Social scientists	105	59	46	5	11	30	—	—
Social and recreation workers	625	153	472	30	159	283	—	—
Teachers	1 946	322	1 617	66	279	1 272	7	—
College and university	222	80	142	8	91	43	—	—
Elementary and prekindergarten	696	27	669	19	86	564	—	—
Secondary	837	102	735	13	76	646	—	—
Engineering and science technicians	1 225	924	301	205	29	67	—	—
Draftsmen and surveyors	415	298	117	62	18	37	—	—
Electrical and electronic engineering technicians	278	198	80	70	6	4	—	—
Technicians, except health, and engineering and science	167	91	76	35	6	35	—	—
Airplane pilots	4	4	—	—	—	—	—	—
Writers, artists, and entertainers	662	514	76	31	17	28	72	—
Other professional, technical, and kindred workers	2 666	1 391	1 152	237	264	651	116	7
Managers and administrators, except farm	5 462	2 979	1 602	646	223	733	859	22
Buyers, purchasing agents, and sales managers	380	276	88	83	—	5	16	—
School administrators	230	33	197	—	42	155	—	—
Specified managers and administrators, public administration	712	—	712	347	82	283	—	—
Other specified managers and administrators	1 501	992	294	135	15	144	215	—
Managers and administrators, n.e.c., salaried	1 989	1 678	311	81	84	146	—	—
Manufacturing	319	291	28	—	—	—	—	—
Wholesale and retail trade	680	613	67	14	49	4	—	—
Transportation, communications and other public utilities	130	91	39	10	9	20	—	—
All other industries	860	683	177	29	26	122	—	—
Managers and administrators, n.e.c., self-employed	650	—	—	—	—	—	628	22
Construction	129	—	—	—	—	—	129	—
Manufacturing	17	—	—	—	—	—	17	—
Wholesale and retail trade	366	—	—	—	—	—	349	17
All other industries	138	—	—	—	—	—	133	5
Sales workers	4 066	3 198	449	18	345	86	398	21
Insurance agents, brokers, and underwriters	403	391	—	—	—	—	12	—
Real estate agents and brokers	111	93	—	—	—	—	18	—
Sales representatives, manufacturing industries	145	145	—	—	—	—	—	—
Sales representatives, wholesale trade	362	309	24	—	17	7	29	—
Sales clerks, retail trade	1 539	1 094	222	9	199	14	207	16
Salesmen, retail trade	378	346	—	—	—	—	32	—
Salesmen of services and construction	175	86	78	5	73	—	11	—
Other sales workers	953	734	125	4	56	65	89	5
Clerical and kindred workers	16 427	8 863	7 465	6 211	296	958	81	18
Bank tellers and cashiers	490	432	58	—	6	41	—	—
Bookkeepers and billing clerks	485	317	146	95	24	27	18	4
Mail handlers and postal clerks	3 981	219	3 762	3 725	20	17	—	—
Other clerical and kindred workers	11 471	7 895	3 499	2 380	246	873	63	14
Craftsmen and kindred workers	27 090	20 865	4 443	2 404	263	1 776	1 772	10
Apparel craftsmen and upholsterers	438	323	23	11	6	6	92	—
Bakers	440	415	20	10	—	10	5	—
Cabinetmakers	—	61	—	—	—	—	3	—
Construction craftsmen	6 340	4 395	1 174	648	76	450	771	—
Carpenters	1 459	1 129	124	80	—	44	206	—
Excavating, grading, and road machine operators	521	373	145	23	15	107	3	—
Electricians	762	393	312	239	19	54	57	—
Masons and tile setters	888	764	58	6	—	52	66	—
Painters, construction and maintenance, and paperhangers	1 012	451	245	125	32	88	316	—
Plasterers and cement finishers	656	545	55	22	5	28	56	—
Plumbers and pipe fitters	753	494	220	143	5	72	39	—
Other construction craftsmen	289	246	15	10	—	5	28	—
Foremen, n.e.c.	2 571	2 175	389	132	24	233	7	—
Manufacturing	1 203	1 140	63	44	4	15	—	—
Nonmanufacturing industries	1 368	1 035	326	88	20	218	7	—
Linemen and servicemen, telephone and power	564	529	35	19	—	16	—	—
Locomotive engineers and firemen	42	38	4	4	—	—	—	—
Mechanics and repairmen	5 543	4 278	968	413	41	514	297	—
Air conditioning, heating, and refrigeration	293	199	69	26	7	36	25	—
Aircraft	111	79	32	32	—	—	—	—
Automobile, including body	2 812	2 179	427	109	18	300	206	—
Radio and television	266	186	33	33	—	—	47	—
Other mechanics and repairmen	2 061	1 635	407	213	16	178	19	—
Metal craftsmen, except mechanics	1 936	1 609	327	270	14	43	—	—
Machinists and job and die setters	853	721	132	104	5	23	—	—
Sheetmetal workers and tinsmiths	233	167	66	61	—	5	—	—
Tool and die makers	152	133	19	11	5	3	—	—
Other metal craftsmen	698	588	110	94	4	12	—	—
Printing craftsmen	890	799	59	45	—	14	32	—
Compositors and typesetters	363	316	15	15	—	—	32	—
Pressmen and plate printers, printing	442	403	39	25	—	14	—	—
Stationary engineers and power station operators	548	311	237	31	26	180	—	—
Other craftsmen and kindred workers	7 717	5 935	1 207	821	76	310	565	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

PHILADELPHIA, PA.—N.J., SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	31 207	28 434	2 466	1 388	214	864	294	13
Assemblers.....	1 383	1 286	83	47	4	32	14	—
Checkers, examiners, and inspectors; manufacturing.....	948	868	75	50	—	25	5	—
Garage workers and gas station attendants.....	812	774	38	16	—	22	—	—
Laundry and drycleaning operatives, n.e.c.....	611	556	42	14	7	21	13	—
Meat cutters and butchers.....	1 064	1 019	45	15	10	20	—	—
Mine operatives, n.e.c.....	19	15	—	—	—	—	4	—
Packers and wrappers, except produce.....	1 760	1 620	133	102	—	31	7	—
Painters, manufactured articles.....	622	559	45	45	—	—	18	—
Precision machine operatives.....	895	870	25	25	—	—	—	—
Sawyers.....	81	81	—	—	—	—	—	—
Stationary firemen.....	429	267	162	15	22	125	—	—
Textile operatives.....	522	411	4	—	—	7	—	—
Welders and flamecutters.....	2 199	1 921	257	199	16	42	21	—
Other metalworking operatives.....	1 207	1 130	77	55	13	9	—	—
Other specified operatives.....	9 697	8 798	743	371	103	269	149	7
Miscellaneous and not specified operatives.....	8 958	8 159	737	434	39	264	56	6
Occupation:								
Machine operatives, miscellaneous specified.....	3 530	3 284	233	176	—	57	13	—
Machine operatives, not specified.....	2 223	2 015	196	133	12	51	12	—
Miscellaneous operatives.....	2 277	2 001	244	96	27	121	26	6
Not specified operatives.....	928	859	64	29	—	35	5	—
Industry:								
Manufacturing.....	7 327	7 003	300	203	33	64	24	—
Durable goods.....	3 550	3 319	219	171	15	33	12	—
Wood products, including furniture.....	229	229	—	—	—	—	—	—
Primary metal industries.....	676	671	5	5	—	—	—	—
Fabricated metal industries.....	537	537	—	—	—	—	—	—
Machinery, including electrical.....	882	825	45	12	15	18	12	—
Motor vehicles and equipment.....	208	196	12	5	—	7	—	—
Transportation equipment, except motor vehicles.....	240	133	107	104	—	3	—	—
Other durable goods.....	778	728	50	45	—	5	—	—
Nondurable goods.....	3 655	3 579	64	32	9	23	12	—
Food and kindred products.....	989	970	19	—	4	15	—	—
Apparel and other fabricated textile products.....	190	187	3	3	—	—	—	—
Paper and allied products.....	957	952	—	—	—	—	5	—
Chemicals and allied products.....	619	596	23	14	5	4	—	—
Other nondurable goods.....	900	874	19	15	—	4	7	—
Not specified manufacturing industries.....	122	105	17	—	9	8	—	—
Nonmanufacturing industries.....	1 631	1 156	437	231	6	200	32	6
Transportation, communications, and other public utilities.....	308	210	94	5	6	83	4	—
Wholesale and retail trade.....	583	562	15	—	—	15	6	—
All other industries.....	740	384	328	226	—	102	22	6
Transport equipment operatives.....	15 385	13 012	2 070	465	199	1 406	292	11
Bus drivers.....	1 005	710	295	23	37	235	—	—
Taxicab drivers and chauffeurs.....	891	790	75	25	7	43	26	—
Truck drivers and deliverymen.....	8 736	7 174	1 331	257	104	970	231	—
Other transport equipment operatives.....	4 753	4 338	369	160	51	158	35	11
Laborers, except farm	22 419	17 880	4 282	1 522	350	2 410	241	16
Construction laborers.....	5 026	4 437	573	83	125	365	—	16
Freight, stock, and material handlers.....	6 776	5 068	1 658	754	85	819	50	—
Other specified laborers.....	6 921	5 706	1 093	522	90	481	122	—
Miscellaneous and not specified laborers.....	3 696	2 669	958	163	50	745	69	—
Occupation:								
Miscellaneous laborers.....	1 438	865	535	44	25	466	38	—
Not specified laborers.....	2 258	1 804	423	119	25	279	31	—
Industry:								
Manufacturing.....	1 551	1 441	92	62	—	30	18	—
Durable goods.....	1 005	908	79	54	—	25	18	—
Wood products, including furniture.....	19	19	—	—	—	—	—	—
Metal industries.....	630	612	18	7	—	11	—	—
Machinery, including electrical.....	115	109	6	—	—	6	—	—
Transportation equipment.....	102	47	55	47	—	8	—	—
Other durable goods.....	139	121	—	—	—	—	18	—
Nondurable goods.....	522	517	5	—	—	5	—	—
Food and kindred products.....	182	182	—	—	—	—	—	—
Not specified manufacturing industries.....	24	16	8	8	—	—	—	—
Nonmanufacturing industries.....	2 145	1 228	866	101	50	715	51	—
Railroads and railway express service.....	349	326	23	—	11	12	—	—
Transportation, except railroads.....	79	54	25	5	5	15	—	—
Communications, and utilities and sanitary services.....	714	148	566	7	21	538	—	—
Wholesale and retail trade.....	404	330	30	8	—	22	44	—
All other industries.....	599	370	222	81	13	128	7	—
Farmers and farm managers	478	57	17	17	—	—	404	—
Farm laborers and farm foremen	936	860	34	5	10	19	18	24
Paid farm laborers and farm foremen.....	912	860	34	5	10	19	18	—
Unpaid family workers.....	24	—	—	—	—	—	—	24
Service workers, except private household¹	27 107	18 279	7 961	1 489	1 108	5 364	855	12
Cleaning service workers.....	9 417	6 843	2 428	564	367	1 497	140	6
Food service workers.....	5 302	4 648	558	230	139	189	96	—
Cooks, except private household.....	2 507	2 206	255	101	80	74	46	—
Busboys and dishwashers.....	853	787	66	18	12	36	—	—
Health service workers.....	1 498	782	711	214	258	239	5	—
Personal service workers.....	1 612	952	192	25	42	125	462	6
Protective service workers.....	4 406	1 268	3 134	181	249	2 704	4	—
Firemen, fire protection.....	275	24	251	5	3	243	—	—
Guards and watchmen.....	2 202	1 186	1 016	110	224	682	—	—
Policemen and detectives.....	1 829	45	1 780	62	22	1 696	4	—
Private household workers	521	490	—	—	—	—	31	—

¹Includes 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**

PHILADELPHIA, PA.—N.J., SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	136 351	100 425	32 993	11 741	5 951	15 301	2 760	173
Professional, technical, and kindred workers	13 899	5 414	8 260	919	1 517	5 824	217	8
Accountants.....	421	137	276	234	17	25	8	—
Computer specialists.....	127	85	42	37	—	5	—	—
Librarians.....	188	50	138	19	6	113	—	—
Mathematical specialists.....	22	22	—	—	—	—	—	—
Life and physical scientists.....	103	70	33	8	9	16	—	—
Registered nurses, dietitians, and therapists.....	2 541	1 752	696	117	235	344	93	—
Dietitians.....	259	192	67	4	48	15	—	—
Registered nurses.....	2 141	1 488	560	113	146	301	93	—
Health technologists and technicians.....	832	623	209	37	70	102	—	—
Social scientists.....	47	9	38	4	4	30	—	—
Social and recreation workers.....	1 153	351	794	80	368	346	—	8
Teachers: College and university.....	206	108	98	—	61	37	—	—
Elementary and prekindergarten.....	3 671	499	3 168	63	336	2 769	4	—
Secondary.....	1 039	131	908	4	104	800	—	—
Other teachers.....	184	81	87	23	13	51	16	—
Engineering and science technicians.....	253	191	62	39	7	16	—	—
Technicians, except health, and engineering and science.....	58	9	43	—	18	25	6	—
Writers, artists, and entertainers.....	318	266	33	21	—	12	19	—
Actors and dancers.....	19	19	—	—	—	—	—	—
Authors, editors, and reporters.....	61	44	12	—	—	—	5	—
Other professional, technical, and kindred workers.....	2 736	1 030	1 635	233	269	1 133	71	—
Managers and administrators, except farm	2 016	1 062	720	388	55	277	224	10
Buyers, purchasing agents, and sales managers.....	300	147	148	148	—	—	5	—
Restaurant, cafeteria, and bar managers.....	158	81	9	9	—	—	68	—
School administrators.....	180	49	127	—	27	100	4	—
Other specified managers and administrators.....	748	340	374	205	20	149	29	5
Managers and administrators, n.e.c., salaried.....	507	445	62	26	8	28	—	—
Wholesale and retail trade.....	144	135	9	5	4	—	—	—
Managers and administrators, n.e.c., self-employed.....	123	—	—	—	—	—	118	5
Wholesale and retail trade.....	80	—	—	—	—	—	80	—
Sales workers	4 099	3 654	202	90	53	59	228	15
Demonstrators, hucksters, and peddlers.....	54	43	—	—	—	—	11	—
Insurance, real estate agents, and brokers.....	127	104	11	7	—	4	12	—
Sales clerks, retail trade.....	2 707	2 432	90	44	42	4	170	15
Salesmen, retail trade.....	68	68	—	—	—	—	—	—
Other sales workers.....	1 143	1 007	101	39	11	51	35	—
Clerical and kindred workers	36 151	22 120	13 871	7 731	1 585	4 555	87	73
Bank tellers.....	308	294	14	7	7	—	—	—
Bookkeepers.....	1 971	1 382	557	354	64	139	21	11
Cashiers.....	1 983	1 795	155	51	34	70	16	17
Counter clerks, except food.....	537	511	26	20	—	6	—	—
Enumerators and interviewers.....	167	72	95	44	22	29	—	—
File clerks.....	2 191	1 247	944	588	79	277	—	—
Office machine operators.....	2 947	1 819	1 106	946	40	120	13	9
Bookkeeping and billing machine operators.....	205	157	44	39	5	—	—	4
Keypunch operators.....	2 261	1 338	916	796	20	100	7	—
Payroll and timekeeping clerks.....	307	307	139	76	10	53	—	—
Receptionists.....	578	380	198	33	87	78	—	—
Secretaries.....	3 949	2 786	1 129	396	185	548	3	31
Stenographers.....	233	96	137	31	31	75	—	—
Telephone operators.....	1 566	1 341	221	70	37	114	4	—
Typists.....	4 677	2 400	2 272	933	440	899	5	—
Other clerical and kindred workers.....	14 737	7 829	6 878	4 182	549	2 147	25	5
Craftsmen and kindred workers	1 968	1 658	249	138	45	66	49	12
Foremen, n.e.c.....	457	360	91	66	17	8	—	6
Operatives, except transport	29 344	27 360	1 758	1 224	165	369	211	15
Assemblers.....	1 785	1 726	59	29	5	25	—	—
Bottling and canning operatives.....	154	152	—	—	—	—	2	—
Checkers, examiners, and inspectors, manufacturing.....	1 237	1 157	80	46	9	25	—	—
Dressmakers and seamstresses, except factory.....	593	236	255	243	—	12	98	4
Laundry and drycleaning operatives, including ironers.....	3 530	3 260	233	92	61	80	37	—
Graders and sorters, manufacturing.....	163	159	4	4	—	—	—	—
Packers and wrappers, except produce.....	2 467	2 400	67	29	11	27	—	—
Sewers and stitchers.....	7 661	7 176	468	399	10	59	17	—
Textile operatives.....	587	587	—	—	—	—	—	—
Other specified operatives.....	7 243	6 812	375	240	43	92	45	11
Miscellaneous and not specified operatives.....	3 924	3 695	217	142	26	49	12	—
Manufacturing.....	3 312	3 228	78	40	11	27	6	—
Durable goods.....	1 228	1 176	52	30	6	16	—	—
Machinery, including electrical.....	520	514	6	6	—	—	—	—
Other durable goods.....	708	662	46	24	6	16	—	—
Nondurable goods, including not specified manufacturing.....	2 084	2 052	26	10	5	11	6	—
Food and kindred products.....	389	389	—	—	—	—	—	—
Apparel and other fabricated textile products.....	826	811	15	10	—	5	—	—
Nonmanufacturing industries.....	612	467	139	102	15	22	6	—
Transport equipment operatives.....	401	269	126	16	37	73	6	—
Laborers, except farm.....	1 503	1 304	176	81	21	74	17	6
Farmers and farm managers.....	468	53	5	5	—	—	410	—
Farm laborers and farm foremen.....	447	426	10	10	—	—	—	11
Paid farm laborers and farm foremen.....	436	426	10	10	—	—	—	—
Unpaid family workers.....	11	—	—	—	—	—	—	11
Service workers, except private household¹	29 705	20 821	7 579	1 113	2 468	3 998	1 282	23
Cleaning service workers.....	5 592	4 410	1 164	126	278	760	12	6
Chambermaids and maids.....	1 521	1 334	182	27	26	129	5	—
Food service workers.....	6 060	4 982	1 013	232	218	563	65	—
Cooks, except private household.....	1 673	1 243	386	91	83	212	44	—
Waiters and food counter workers.....	2 357	2 124	212	76	30	106	21	—
Health service workers.....	9 326	6 320	2 758	410	1 412	936	248	—
Nursing aides, orderlies, and attendants.....	4 996	3 260	1 725	228	1 029	468	11	—
Practical nurses.....	3 483	2 512	734	109	262	363	237	—
Personal service workers.....	2 978	1 386	881	113	264	504	704	7
Hairdressers and cosmetologists.....	1 157	472	21	—	16	5	664	—
Private household workers	16 350	16 284	37	26	5	6	29	—
Private household workers, living in.....	788	788	—	—	—	—	—	—
Private household workers, living out.....	15 562	15 516	37	26	5	6	29	—

¹Includes 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

PHILADELPHIA, PA.—N.J., SMSA—Continued

Persons of Puerto Rican Birth or Parentage

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	7 399	6 630	515	217	70	228	254	-
Professional, technical, and kindred workers	288	198	73	37	5	31	17	-
Accountants	18	18	-	-	-	-	-	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	7	-	-	-	-	-	7	-
Engineers	22	11	11	6	5	-	-	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-
Civil	11	6	5	-	5	-	-	-
Electrical and electronic	6	6	6	6	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-
Other engineers	5	5	-	-	-	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-
Life and physical scientists	3	3	-	-	-	-	-	-
Chemists	-	-	-	-	-	-	-	-
Physicians, dentists, and related practitioners	18	18	-	-	-	-	-	-
Dentists	-	-	-	-	-	-	-	-
Pharmacists	-	-	-	-	-	-	-	-
Physicians, medical and osteopathic	18	18	-	-	-	-	-	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	12	6	6	6	-	-	-	-
Religious workers	7	7	-	-	-	-	-	-
Social scientists	8	8	-	-	-	-	-	-
Social and recreation workers	7	-	7	7	-	-	-	-
Teachers	58	38	20	-	-	20	-	-
College and university	7	7	-	-	-	-	-	-
Elementary and prekindergarten	21	14	7	-	-	7	-	-
Secondary	30	17	13	-	-	13	-	-
Engineering and science technicians	6	-	6	-	-	-	-	-
Draftsmen and surveyors	6	-	6	-	-	-	-	-
Electrical and electronic engineering technicians	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Airplane pilots	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	36	36	-	-	-	-	-	-
Other professional, technical, and kindred workers	86	53	23	18	-	5	10	-
Managers and administrators, except farm	144	112	9	9	-	-	23	-
Buyers, purchasing agents, and sales managers	18	18	-	-	-	-	-	-
School administrators	6	6	-	-	-	-	-	-
Specified managers and administrators, public administration	3	-	3	3	-	-	-	-
Other specified managers and administrators	13	7	6	6	-	-	-	-
Managers and administrators, n.e.c., salaried	81	81	-	-	-	-	-	-
Manufacturing	20	20	-	-	-	-	-	-
Wholesale and retail trade	48	48	-	-	-	-	-	-
Transportation, communications and other public utilities	-	-	-	-	-	-	-	-
All other industries	13	13	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	23	-	-	-	-	-	23	-
Construction	-	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-
Wholesale and retail trade	23	-	-	-	-	-	23	-
All other industries	-	-	-	-	-	-	-	-
Sales workers	303	217	-	-	-	-	86	-
Insurance agents, brokers, and underwriters	32	32	-	-	-	-	-	-
Real estate agents and brokers	-	-	-	-	-	-	-	-
Sales representatives, manufacturing industries	5	5	-	-	-	-	-	-
Sales representatives, wholesale trade	19	19	-	-	-	-	-	-
Sales clerks, retail trade	170	84	-	-	-	-	86	-
Salesmen, retail trade	19	19	-	-	-	-	-	-
Salesmen of services and construction	17	17	-	-	-	-	-	-
Other sales workers	41	41	-	-	-	-	-	-
Clerical and kindred workers	366	296	65	52	13	-	5	-
Bank tellers and cashiers	22	22	-	-	-	-	-	-
Bookkeepers and billing clerks	20	6	14	14	-	-	-	-
Mail handlers and postal clerks	25	11	14	14	-	-	-	-
Other clerical and kindred workers	299	257	37	24	13	-	5	-
Craftsmen and kindred workers	1 059	961	58	51	-	7	40	-
Apparel craftsmen and upholsterers	40	40	-	-	-	-	-	-
Bakers	44	44	-	-	-	-	-	-
Cabinetmakers	4	-	-	-	-	-	4	-
Construction craftsmen	267	254	13	6	-	7	-	-
Carpenters	72	72	-	-	-	-	-	-
Excavating, grading, and road machine operators	20	20	-	-	-	-	-	-
Electricians	8	8	-	-	-	-	-	-
Masons and tile setters	29	22	7	-	-	7	-	-
Painters, construction and maintenance, and paperhangers	46	46	-	-	-	-	-	-
Plasterers and cement finishers	46	46	-	-	-	-	-	-
Plumbers and pipe fitters	32	26	6	6	-	-	-	-
Other construction craftsmen	14	14	-	-	-	-	-	-
Foremen, n.e.c.	147	147	-	-	-	-	-	-
Manufacturing	93	93	-	-	-	-	-	-
Nonmanufacturing industries	54	54	-	-	-	-	-	-
Linemen and servicemen, telephone and power	6	6	-	-	-	-	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	284	249	7	7	-	-	28	-
Air conditioning, heating, and refrigeration	15	8	7	7	-	-	-	-
Aircraft	-	-	-	-	-	-	-	-
Automobile, including body	154	134	-	-	-	-	20	-
Radio and television	13	5	-	-	-	-	8	-
Other mechanics and repairmen	102	102	-	-	-	-	-	-
Metal craftsmen, except mechanics	64	56	8	8	-	-	-	-
Machinists and job and die setters	58	50	8	8	-	-	-	-
Sheetmetal workers and linemiths	6	6	-	-	-	-	-	-
Tool and die makers	-	-	-	-	-	-	-	-
Other metal craftsmen	-	-	-	-	-	-	-	-
Printing craftsmen	25	25	-	-	-	-	-	-
Compositors and typesetters	-	-	-	-	-	-	-	-
Pressmen and plate printers, printing	18	18	-	-	-	-	-	-
Stationary engineers and power station operators	13	13	-	-	-	-	-	-
Other craftsmen and kindred workers	165	127	30	30	-	-	8	-

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

PHILADELPHIA, PA.—N.J., SMSA—Continued

Persons of Puerto Rican Birth or Parentage—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	2 462	2 390	59	39	14	6	13	—
Assemblers	167	167	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	40	40	—	—	—	—	—	—
Garage workers and gas station attendants	30	30	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.	—	—	—	—	—	—	—	—
Meat cutters and butchers	101	101	—	—	—	—	—	—
Mine operatives, n.e.c.	13	13	—	—	—	—	—	—
Packers and wrappers, except produce	225	225	—	—	—	—	—	—
Painters, manufactured articles	73	73	—	—	—	—	—	—
Precision machine operatives	63	63	—	—	—	—	—	—
Sawyers	11	11	—	—	—	—	—	—
Stationary firemen	21	21	—	—	—	—	—	—
Textile operatives	121	107	6	—	—	6	8	—
Welders and flamecutters	99	99	—	—	—	—	—	—
Other metalworking operatives	126	126	—	—	—	—	—	—
Other specified operatives	480	452	23	17	6	—	5	—
Miscellaneous and not specified operatives	892	862	30	22	8	—	—	—
Occupation:								
Machine operatives, miscellaneous specified	338	325	13	13	—	—	—	—
Machine operatives, not specified	287	278	9	9	—	—	—	—
Miscellaneous operatives	193	185	8	—	8	—	—	—
Not specified operatives	74	74	—	—	—	—	—	—
Industry:								
Manufacturing	848	824	22	22	—	—	—	—
Durable goods	434	418	16	16	—	—	—	—
Wood products, including furniture	44	44	—	—	—	—	—	—
Primary metal industries	90	83	7	7	—	—	—	—
Fabricated metal industries	120	120	—	—	—	—	—	—
Machinery, including electrical	86	86	—	—	—	—	—	—
Motor vehicles and equipment	—	—	—	—	—	—	—	—
Transportation equipment, except motor vehicles	8	8	—	—	—	—	—	—
Other durable goods	86	77	9	9	—	—	—	—
Nondurable goods	408	402	6	6	—	—	—	—
Food and kindred products	130	130	—	—	—	—	—	—
Apparel and other fabricated textile products	7	7	—	—	—	—	—	—
Paper and allied products	103	103	—	—	—	—	—	—
Chemicals and allied products	55	49	6	6	—	—	—	—
Other nondurable goods	113	113	—	—	—	—	—	—
Not specified manufacturing industries	6	6	—	—	—	—	—	—
Nonmanufacturing industries	44	36	8	—	8	—	—	—
Transportation, communications, and other public utilities	—	—	—	—	—	—	—	—
Wholesale and retail trade	25	25	—	—	—	—	—	—
All other industries	19	11	8	—	8	—	—	—
Transport equipment operatives	352	332	20	—	15	5	—	—
Bus drivers	30	30	—	—	—	—	—	—
Taxicab drivers and chauffeurs	8	8	—	—	—	—	—	—
Truck drivers and deliverymen	201	188	13	—	8	5	—	—
Other transport equipment operatives	113	106	7	—	7	—	—	—
Laborers, except farm	859	774	61	17	6	38	24	—
Construction laborers	216	184	32	—	6	26	—	—
Freight, stock, and material handlers	221	201	20	17	—	3	—	—
Other specified laborers	227	194	9	—	—	9	24	—
Miscellaneous and not specified laborers	195	195	—	—	—	—	—	—
Occupation:								
Miscellaneous laborers	27	27	—	—	—	—	—	—
Not specified laborers	168	168	—	—	—	—	—	—
Industry:								
Manufacturing	136	136	—	—	—	—	—	—
Durable goods	95	95	—	—	—	—	—	—
Wood products, including furniture	30	30	—	—	—	—	—	—
Metal industries	34	34	—	—	—	—	—	—
Machinery, including electrical	10	10	—	—	—	—	—	—
Transportation equipment	13	13	—	—	—	—	—	—
Other durable goods	8	8	—	—	—	—	—	—
Nondurable goods	41	41	—	—	—	—	—	—
Food and kindred products	28	28	—	—	—	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—	—
Nonmanufacturing industries	59	59	—	—	—	—	—	—
Railroads and railway express service	7	7	—	—	—	—	—	—
Transportation, except railroads	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	—	—	—	—	—	—	—	—
Wholesale and retail trade	45	45	—	—	—	—	—	—
All other industries	7	7	—	—	—	—	—	—
Farmers and farm managers	12	12	—	—	—	—	—	—
Farm laborers and farm foremen	383	376	—	—	—	—	7	—
Paid farm laborers and farm foremen	383	376	—	—	—	—	7	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	1 163	962	170	12	17	141	31	—
Cleaning service workers	277	177	88	—	17	71	12	—
Food service workers	607	590	10	—	—	10	7	—
Cooks, except private household	202	192	10	—	—	10	—	—
Busboys and dishwashers	243	243	—	—	—	—	—	—
Health service workers	13	5	8	—	—	8	—	—
Personal service workers	65	39	14	6	—	8	12	—
Protective service workers	58	8	50	6	—	44	—	—
Firemen, fire protection	—	—	—	—	—	—	—	—
Guards and watchmen	23	8	15	6	—	9	—	—
Policemen and detectives	35	—	35	—	—	35	—	—
Private household workers	8	—	—	—	—	—	8	—

¹Includes 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**

PHILADELPHIA, PA.—N.J., SMSA — Continued

Persons of Puerto Rican Birth or Parentage — Continued

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers	
			Total	Federal	State			Local
Female, 16 years old and over	3 350	2 806	434	133	50	251	85	25
Professional, technical, and kindred workers	282	164	113	29	31	53	5	—
Accountants	9	9	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	51	21	25	8	—	17	5	—
Dietitians	9	9	—	—	—	—	—	—
Registered nurses	42	12	25	8	—	17	5	—
Health technologists and technicians	15	—	15	—	8	7	—	—
Social scientists	17	17	—	—	—	—	—	—
Social and recreation workers	22	—	22	8	14	—	—	—
Teachers: College and university	—	—	—	—	—	—	—	—
Elementary and prekindergarten	58	33	25	—	—	25	—	—
Secondary	16	—	16	7	9	—	—	—
Other teachers	—	—	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	44	44	—	—	—	—	—	—
Actors and dancers	12	12	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	50	40	10	6	—	4	—	—
Managers and administrators, except farm	64	36	5	—	—	5	23	—
Buyers, purchasing agents, and sales managers	5	5	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	—	—	—	—	—	—	—	—
School administrators	—	—	—	—	—	—	—	—
Other specified managers and administrators	41	24	5	—	—	5	12	—
Managers and administrators, n.e.c., salaried	7	7	—	—	—	—	—	—
Wholesale and retail trade	7	7	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	11	—	—	—	—	—	11	—
Wholesale and retail trade	6	—	—	—	—	—	6	—
Sales workers	153	133	—	—	—	—	5	15
Demonstrators, hucksters, and peddlers	—	—	—	—	—	—	—	—
Insurance, real estate agents, and brokers	—	—	—	—	—	—	—	—
Sales clerks, retail trade	85	70	—	—	—	—	—	15
Salesmen, retail trade	—	—	—	—	—	—	—	—
Other sales workers	68	63	—	—	—	—	5	—
Clerical and kindred workers	592	397	195	75	11	109	—	—
Bank tellers	4	4	—	—	—	—	—	—
Bookkeepers	47	26	21	11	—	10	—	—
Cashiers	16	16	—	—	—	—	—	—
Counter clerks, except food	5	5	—	—	—	—	—	—
Enumerators and interviewers	16	—	16	5	—	—	11	—
File clerks	26	9	17	6	5	6	—	—
Office machine operators	18	6	12	6	6	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—
Keypunch operators	18	6	12	6	6	—	—	—
Payroll and timekeeping clerks	—	—	—	—	—	—	—	—
Receptionists	41	28	13	3	—	10	—	—
Secretaries	93	86	7	—	—	7	—	—
Stenographers	8	8	—	—	—	—	—	—
Telephone operators	25	25	—	—	—	—	—	—
Typists	88	66	22	17	—	5	—	—
Other clerical and kindred workers	205	118	87	27	—	60	—	—
Craftsmen and kindred workers	77	65	12	5	—	7	—	—
Foremen, n.e.c.	7	—	7	—	—	7	—	—
Operatives, except transport	1 697	1 649	26	15	—	11	22	—
Assemblers	32	32	—	—	—	—	—	—
Bottling and canning operatives	14	14	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	58	58	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	28	20	—	—	—	—	8	—
Laundry and drycleaning operatives, including ironers	78	69	9	9	—	—	—	—
Graders and sorters, manufacturing	8	8	—	—	—	—	—	—
Packers and wrappers, except produce	106	106	—	—	—	—	—	—
Sewers and stitchers	768	757	5	—	—	5	6	—
Textile operatives	38	38	—	—	—	—	—	—
Other specified operatives	298	284	6	—	—	6	8	—
Miscellaneous and not specified operatives	269	263	6	6	—	—	—	—
Manufacturing	247	241	6	6	—	—	—	—
Durable goods	108	102	6	6	—	—	—	—
Machinery, including electrical	29	29	—	—	—	—	—	—
Other durable goods	79	73	6	6	—	—	—	—
Nondurable goods, including not specified manufacturing	139	139	—	—	—	—	—	—
Food and kindred products	38	38	—	—	—	—	—	—
Apparel and other fabricated textile products	61	61	—	—	—	—	—	—
Nonmanufacturing industries	22	22	—	—	—	—	—	—
Transport equipment operatives	10	10	—	—	—	—	—	—
Laborers, except farm	44	44	—	—	—	—	—	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	23	5	—	—	—	—	8	10
Paid farm laborers and farm foremen	13	5	—	—	—	—	8	—
Unpaid family workers	10	—	—	—	—	—	—	10
Service workers, except private household¹	388	283	63	9	8	66	22	—
Cleaning service workers	55	49	6	—	—	6	—	—
Chambermaids and maids	18	18	—	—	—	—	—	—
Food service workers	90	72	18	9	—	9	—	—
Cooks, except private household	24	24	—	—	—	—	—	—
Waiters and food counter workers	48	48	—	—	—	—	—	—
Health service workers	60	60	—	—	—	—	—	—
Nursing aides, orderlies, and attendants	53	53	—	—	—	—	—	—
Practical nurses	—	—	—	—	—	—	—	—
Personal service workers	113	67	24	—	—	24	22	—
Hairdressers and cosmetologists	89	67	—	—	—	—	22	—
Private household workers	20	20	—	—	—	—	—	—
Private household workers, living in	6	6	—	—	—	—	—	—
Private household workers, living out	14	14	—	—	—	—	—	—

¹Includes 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

TRENTON SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	76 311	56 857	13 700	2 682	6 122	4 896	5 636	118
Professional, technical, and kindred workers	15 160	9 940	3 901	396	2 112	1 393	1 286	33
Accountants	1 092	616	392	21	354	17	84	—
Architects	114	52	27	5	22	—	35	—
Computer specialists	553	460	93	16	77	—	—	—
Engineers	2 244	1 730	458	108	305	45	56	—
Aeronautical and astronautical	34	29	5	5	—	—	—	—
Civil	346	79	267	36	192	39	—	—
Electrical and electronic	584	541	43	24	19	—	—	—
Mechanical	261	232	29	12	11	6	—	—
Other engineers	1 019	849	114	31	83	—	56	—
Lawyers and judges	441	133	105	12	55	38	203	—
Life and physical scientists	732	655	72	27	31	14	5	—
Chemists	394	380	9	—	—	9	5	—
Physicians, dentists, and related practitioners	775	180	69	—	64	5	526	—
Dentists	155	11	9	—	9	—	135	—
Pharmacists	110	55	10	—	10	—	45	—
Physicians, medical and osteopathic	462	103	44	—	39	5	315	—
Other related practitioners	48	11	6	—	6	—	31	—
Health technologists and technicians	119	67	52	—	47	5	—	—
Religious workers	327	295	17	—	17	—	15	—
Social scientists	355	237	98	29	49	20	20	—
Social and recreation workers	208	33	175	14	90	71	—	—
Teachers	2 753	1 368	1 346	8	395	943	39	—
College and university	1 330	967	363	—	313	50	—	—
Elementary and prekindergarten	298	47	251	4	20	227	—	—
Secondary	977	492	692	—	41	651	—	—
Engineering and science technicians	1 653	1 369	270	19	190	61	14	—
Draftsmen and surveyors	668	498	160	—	113	47	10	—
Electrical and electronic engineering technicians	328	293	35	15	20	—	—	—
Technicians, except health, and engineering and science	162	100	62	31	5	26	—	—
Airplane pilots	70	64	6	—	—	—	—	—
Writers, artists, and entertainers	844	640	31	3	23	5	156	17
Other professional, technical, and kindred workers	2 788	2 005	634	103	388	143	133	16
Managers and administrators, except farm	8 033	5 646	1 468	269	745	454	905	14
Buyers, purchasing agents, and sales managers	934	832	45	12	33	—	57	—
School administrators	339	132	204	—	26	178	3	—
Specified managers and administrators, public administration	918	—	918	219	517	182	—	—
Other specified managers and administrators	1 463	1 078	153	21	84	48	218	14
Managers and administrators, n.e.c., salaried	3 752	3 604	148	17	85	46	—	—
Manufacturing	1 217	1 217	—	—	—	—	—	—
Wholesale and retail trade	863	853	10	10	—	—	—	—
Transportation, communications and other public utilities	315	300	15	—	—	15	—	—
All other industries	1 357	1 234	123	7	85	31	—	—
Managers and administrators, n.e.c., self-employed	627	—	—	—	—	—	—	627
Construction	135	—	—	—	—	—	—	135
Manufacturing	39	—	—	—	—	—	—	39
Wholesale and retail trade	335	—	—	—	—	—	—	335
All other industries	118	—	—	—	—	—	—	118
Sales workers	4 416	3 678	66	13	17	36	658	14
Insurance agents, brokers, and underwriters	497	436	—	—	—	—	63	—
Real estate agents and brokers	215	146	—	—	—	—	69	—
Sales representatives, manufacturing industries	402	396	—	—	—	—	6	—
Sales representatives, wholesale trade	641	560	—	—	—	—	81	—
Sales clerks, retail trade	1 167	890	7	7	—	—	256	14
Salesmen, retail trade	536	482	4	—	—	4	50	—
Salesmen of services and construction	217	173	16	6	5	5	28	—
Other sales workers	739	595	39	—	12	27	105	—
Clerical and kindred workers	6 549	4 181	2 260	1 135	908	217	89	19
Bank tellers and cashiers	208	189	9	4	5	—	—	10
Bookkeepers and billing clerks	618	448	155	15	129	11	15	—
Mail handlers and postal clerks	1 023	118	905	846	54	5	—	—
Other clerical and kindred workers	4 700	3 426	1 191	270	720	201	74	9
Craftsmen and kindred workers	14 886	11 814	1 561	398	703	460	1 511	—
Apparel craftsmen and upholsterers	150	87	10	10	—	—	53	—
Bakers	145	92	14	9	5	—	39	—
Cabinetmakers	49	33	—	—	—	—	16	—
Construction craftsmen	3 980	2 976	350	66	137	147	654	—
Carpenters	1 042	793	69	21	23	25	180	—
Excavating, grading, and road machine operators	334	187	118	—	33	85	29	—
Electricians	656	514	78	28	45	5	64	—
Masons and tile setters	349	303	4	4	—	—	42	—
Painters, construction and maintenance, and paperhangers	504	274	40	5	22	13	190	—
Plasterers and cement finishers	79	79	—	—	—	—	—	—
Plumbers and pipe fitters	616	488	28	—	9	19	100	—
Other construction craftsmen	400	338	13	8	5	—	49	—
Foremen, n.e.c.	2 192	1 877	293	14	213	66	22	—
Manufacturing	1 340	1 340	—	—	—	—	—	—
Nonmanufacturing industries	852	537	293	14	213	66	22	—
Linemen and servicemen, telephone and power	412	403	9	4	5	—	—	—
Locomotive engineers and firemen	71	71	—	—	—	—	—	—
Mechanics and repairmen	2 992	2 279	406	173	115	118	307	—
Air conditioning, heating, and refrigeration	233	172	32	19	13	—	29	—
Aircraft	99	41	52	52	—	—	6	—
Automobile, including body	1 211	851	153	39	72	42	207	—
Radio and television	158	123	—	—	—	—	35	—
Other mechanics and repairmen	1 291	1 092	169	63	30	76	30	—
Metal craftsmen, except mechanics	1 533	1 446	71	44	21	6	16	—
Machinists and job and die setters	710	670	32	27	5	—	8	—
Sheetmetal workers and tinsmiths	175	148	22	6	16	—	5	—
Tool and die makers	282	271	11	5	—	6	—	—
Other metal craftsmen	366	357	6	6	—	—	3	—
Printing craftsmen	545	490	48	4	39	5	7	—
Compositors and typesetters	220	204	9	4	5	—	7	—
Pressmen and plate printers, printing	269	230	39	—	34	5	—	—
Stationary engineers and power station operators	263	149	114	25	30	59	—	—
Other craftsmen and kindred workers	2 554	1 911	246	49	138	59	397	—

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

TRENTON SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	10 328	9 694	445	98	168	179	179	10
Assemblers.....	581	566	10	5	—	5	5	—
Checkers, examiners, and inspectors, manufacturing.....	541	498	30	11	19	—	13	—
Garage workers and gas station attendants.....	447	378	22	—	10	12	42	5
Laundry and drycleaning operatives, n.e.c.....	121	103	9	—	4	5	9	—
Meat cutters and butchers.....	278	241	14	4	10	—	23	—
Mine operatives, n.e.c.....	26	21	—	—	—	—	5	—
Packers and wrappers, except produce.....	344	338	6	6	—	—	—	—
Painters, manufactured articles.....	154	143	6	—	6	—	5	—
Precision machine operatives.....	440	419	17	10	—	7	4	—
Sawyers.....	32	32	—	—	—	—	—	—
Stationary firemen.....	329	248	81	6	28	47	—	—
Textile operatives.....	40	40	—	—	—	—	—	—
Welders and flamecutters.....	493	457	26	6	9	11	10	—
Other metalworking operatives.....	647	647	—	—	—	—	—	—
Other specified operatives.....	2 168	2 044	96	28	36	32	23	5
Miscellaneous and not specified operatives.....	3 687	3 519	128	22	46	60	40	—
Occupation:								
Machine operatives, miscellaneous specified.....	1 529	1 501	25	6	11	8	3	—
Machine operatives, not specified.....	845	811	34	5	5	24	—	—
Miscellaneous operatives.....	794	709	64	11	30	23	21	—
Not specified operatives.....	519	498	5	—	—	5	16	—
Industry:								
Manufacturing.....	3 343	3 276	52	6	24	22	15	—
Durable goods.....	1 801	1 749	40	6	12	22	12	—
Wood products, including furniture.....	23	23	—	—	—	—	—	—
Primary metal industries.....	426	408	18	6	7	5	—	—
Fabricated metal industries.....	315	305	4	—	—	4	6	—
Machinery, including electrical.....	469	451	18	—	5	13	—	—
Motor vehicles and equipment.....	134	134	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	11	11	—	—	—	—	—	—
Other durable goods.....	423	417	—	—	—	—	6	—
Nondurable goods.....	1 499	1 484	12	—	12	—	3	—
Food and kindred products.....	78	75	—	—	—	—	3	—
Apparel and other fabricated textile products.....	11	11	—	—	—	—	—	—
Paper and allied products.....	167	163	4	—	4	—	—	—
Chemicals and allied products.....	285	285	—	—	—	—	—	—
Other nondurable goods.....	958	950	8	—	8	—	—	—
Not specified manufacturing industries.....	43	43	—	—	—	—	—	—
Nonmanufacturing industries.....	344	243	76	16	22	38	25	—
Transportation, communications, and other public utilities.....	61	32	29	—	—	29	—	—
Wholesale and retail trade.....	109	88	—	—	—	—	21	—
All other industries.....	174	123	47	16	22	9	4	—
Transport equipment operatives.....	4 105	3 446	405	59	127	219	254	—
Bus drivers.....	166	76	87	—	—	87	3	—
Taxicab drivers and chauffeurs.....	188	140	13	4	9	—	35	—
Truck drivers and deliverymen.....	2 613	2 226	239	24	109	106	148	—
Other transport equipment operatives.....	1 138	1 004	66	31	9	26	68	—
Laborers, except farm.....	4 337	3 609	627	146	156	325	90	11
Construction laborers.....	830	657	173	—	74	99	—	—
Freight, stock, and material handlers.....	1 475	1 288	156	83	24	49	20	11
Other specified laborers.....	1 163	922	181	40	47	94	60	—
Miscellaneous and not specified laborers.....	869	742	117	23	11	83	10	—
Occupation:								
Miscellaneous laborers.....	199	143	46	—	4	42	10	—
Not specified laborers.....	670	599	71	23	7	41	—	—
Industry:								
Manufacturing.....	473	456	17	11	3	3	—	—
Durable goods.....	278	266	12	6	3	3	—	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	108	99	9	6	3	—	—	—
Machinery, including electrical.....	76	76	—	—	—	—	—	—
Transportation equipment.....	—	—	—	—	—	—	—	—
Other durable goods.....	94	91	3	—	—	3	—	—
Nondurable goods.....	187	182	5	5	—	—	—	—
Food and kindred products.....	8	8	—	—	—	—	—	—
Not specified manufacturing industries.....	8	8	—	—	—	—	—	—
Nonmanufacturing industries.....	396	286	100	12	8	80	10	—
Railroads and railway express service.....	34	34	—	—	—	7	—	—
Transportation, except railroads.....	27	20	7	—	—	—	—	—
Communications, and utilities and sanitary services.....	65	13	52	—	—	52	—	—
Wholesale and retail trade.....	122	117	—	—	—	—	5	—
All other industries.....	148	102	41	12	8	21	5	—
Farmers and farm managers.....	241	21	—	—	—	—	220	—
Farm laborers and farm foremen.....	332	308	14	—	8	6	3	7
Paid farm laborers and farm foremen.....	325	308	14	—	8	6	3	—
Unpaid family workers.....	7	—	—	—	—	—	—	7
Service workers, except private household ¹	7 828	4 424	2 953	168	1 178	1 607	441	10
Cleaning service workers.....	2 248	1 467	745	98	217	430	36	—
Food service workers.....	1 481	1 315	64	12	37	15	98	4
Cooks, except private household.....	451	377	26	7	14	5	44	4
Busboys and dishwashers.....	303	299	4	—	—	4	—	—
Health service workers.....	199	36	163	10	144	9	—	—
Personal service workers.....	694	344	70	5	48	17	280	—
Protective service workers.....	2 036	419	1 617	32	594	991	—	—
Firemen, fire protection.....	253	2	251	5	10	236	—	—
Guards and watchmen.....	922	406	516	22	373	121	—	—
Policemen and detectives.....	775	11	764	—	205	559	—	—
Private household workers.....	96	96	—	—	—	—	—	—

¹Includes 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		
TRENTON SMSA—Continued								
Total—Continued								
Female, 16 years old and over	51 161	35 802	13 776	1 256	7 144	5 376	1 288	295
Professional, technical, and kindred workers	8 303	3 988	3 945	246	1 011	2 688	349	21
Accountants	167	83	84	—	78	6	—	—
Computer specialists	106	90	16	4	5	7	—	—
Librarians	182	100	82	—	9	73	—	—
Mathematical specialists	19	14	5	—	5	—	—	—
Life and physical scientists	118	73	40	6	23	11	5	—
Registered nurses, dietitians, and therapists	1 369	929	363	9	178	176	77	—
Dietitians	43	30	13	—	9	4	—	—
Registered nurses	1 283	885	321	4	160	157	77	—
Health technologists and technicians	275	209	66	10	52	4	—	—
Social scientists	47	29	18	5	13	—	—	—
Social and recreation workers	346	113	228	25	110	93	5	—
Teachers: College and university	261	147	114	—	93	21	—	—
Elementary and prekindergarten	2 169	620	1 549	23	106	1 420	—	—
Secondary	855	200	655	6	33	616	—	—
Other teachers	200	80	30	5	20	5	90	—
Engineering and science technicians	205	183	22	—	22	—	—	—
Technicians, except health, and engineering and science	13	9	4	—	—	4	—	—
Writers, artists, and entertainers	505	331	66	19	35	12	93	15
Actors and dancers	11	11	—	—	—	—	—	—
Authors, editors, and reporters	223	156	42	14	16	12	25	—
Other professional, technical, and kindred workers	1 466	778	603	134	229	240	79	6
Managers and administrators, except farm	1 398	1 005	250	50	111	89	131	12
Buyers, purchasing agents, and sales managers	259	235	10	10	—	—	7	7
Restaurant, cafeteria, and bar managers	104	50	15	6	—	9	39	—
School administrators	96	46	50	—	18	32	—	—
Other specified managers and administrators	311	157	134	29	67	38	20	—
Managers and administrators, n.e.c., salaried	558	517	41	5	26	10	—	—
Wholesale and retail trade	163	163	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	70	—	—	—	—	—	65	5
Wholesale and retail trade	44	—	—	—	—	—	44	—
Sales workers	3 386	3 073	35	4	16	15	222	56
Demonstrators, hucksters, and peddlers	46	46	—	—	—	—	—	—
Insurance, real estate agents, and brokers	176	146	—	—	—	—	30	—
Sales clerks, retail trade	2 355	2 139	7	—	—	7	159	50
Salesmen, retail trade	78	62	—	—	—	—	16	—
Other sales workers	731	680	28	4	16	8	17	6
Clerical and kindred workers	20 431	12 577	7 574	781	5 173	1 620	152	128
Bank tellers	229	225	4	4	—	—	—	—
Bookkeepers	1 937	1 311	528	42	422	64	56	42
Cashiers	803	724	60	6	14	40	10	9
Counter clerks, except food	142	142	—	—	—	—	—	—
Enumerators and interviewers	58	43	15	15	—	—	—	—
File clerks	1 007	479	523	9	461	53	5	—
Office machine operators	911	495	416	14	361	41	—	—
Bookkeeping and billing machine operators	84	62	22	—	16	6	—	—
Keypunch operators	613	354	259	—	246	13	—	—
Payroll and timekeeping clerks	223	155	68	10	43	15	—	—
Receptionists	386	277	104	30	48	26	5	—
Secretaries	5 370	3 801	1 522	129	966	427	29	18
Stenographers	610	101	509	23	410	76	—	—
Telephone operators	624	531	88	8	58	22	5	—
Typists	2 649	1 108	1 514	138	1 125	251	22	5
Other clerical and kindred workers	5 482	3 185	2 223	353	1 265	605	20	54
Craftsmen and kindred workers	530	470	35	—	25	10	25	—
Foremen, n.e.c.	156	122	29	—	22	7	5	—
Operatives, except transport	7 641	7 373	201	53	80	68	54	13
Assemblers	872	863	9	5	—	4	—	—
Battling and conning operatives	52	52	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	746	728	18	5	7	6	—	—
Dressmakers and seamstresses, except factory	103	78	11	5	—	6	14	—
Laundry and drycleaning operatives, including ironers	449	421	28	5	10	13	—	—
Graders and sorters, manufacturing	13	13	—	—	—	—	—	—
Packers and wrappers, except produce	577	556	8	—	4	4	13	—
Sewers and slitchers	885	863	9	—	4	5	13	—
Textile operatives	37	37	—	—	—	—	—	—
Other specified operatives	2 224	2 137	69	14	40	15	5	13
Miscellaneous and not specified operatives	1 683	1 625	49	19	15	15	9	—
Manufacturing	1 596	1 557	35	14	11	10	4	—
Durable goods	961	943	18	7	11	—	—	—
Machinery, including electrical	589	582	7	7	—	—	—	—
Other durable goods	372	361	11	—	11	—	—	—
Nondurable goods, including not specified manufacturing	635	614	17	7	—	10	4	—
Food and kindred products	17	17	—	—	—	—	—	—
Apparel and other fabricated textile products	139	132	7	7	—	—	—	—
Nonmanufacturing industries	87	68	14	5	4	5	5	—
Transport equipment operatives	252	210	34	5	9	20	8	—
Laborers, except farm	369	326	20	5	5	10	15	8
Farmers and farm managers	62	9	—	—	—	—	53	—
Farm laborers and farm foremen	79	65	—	—	—	—	—	14
Paid farm laborers and farm foremen	65	65	—	—	—	—	—	—
Unpaid family workers	14	—	—	—	—	—	—	14
Service workers, except private household ¹	7 173	5 182	1 677	112	714	851	275	39
Cleaning service workers	1 091	707	381	21	133	227	—	3
Chambermaids and maids	182	139	40	—	17	23	—	3
Food service workers	2 290	1 915	298	16	57	225	63	14
Cooks, except private household	271	200	46	7	6	33	20	5
Waiters and food counter workers	1 544	1 401	119	5	21	93	15	9
Health service workers	1 544	1 067	452	5	371	76	15	10
Nursing aides, orderlies, and attendants	1 001	614	387	5	315	67	—	—
Practical nurses	294	252	27	—	18	9	15	—
Personal service workers	959	609	169	23	82	64	169	12
Hairdressers and cosmetologists	469	310	4	—	4	—	149	6
Private household workers	1 537	1 524	5	—	—	5	4	4
Private household workers, living in	232	—	—	—	—	—	—	—
Private household workers, living out	1 305	1 292	5	—	—	5	4	4

¹Includes 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		
TRENTON SMSA—Continued								
Negro								
Male, 16 years old and over	9 539	7 320	1 800	524	750	526	419	—
Professional, technical, and kindred workers	662	394	232	27	103	102	36	—
Accountants	19	19	—	—	—	—	—	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	6	6	—	—	—	—	—	—
Engineers	39	20	19	4	15	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	3	—	3	—	3	—	—	—
Electrical and electronic	4	—	4	4	—	—	—	—
Mechanical	—	—	—	—	—	—	—	—
Other engineers	32	20	12	—	12	—	—	—
Lawyers and judges	—	—	—	—	—	—	—	—
Life and physical scientists	13	8	5	—	5	—	—	—
Chemists	8	8	—	—	—	—	—	—
Physicians, dentists, and related practitioners	17	5	7	—	2	5	5	—
Dentists	—	—	—	—	—	—	—	—
Pharmacists	5	5	—	—	—	—	—	—
Physicians, medical and osteopathic	12	—	7	—	2	5	5	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	25	18	7	—	7	—	—	—
Religious workers	11	11	—	—	—	—	—	—
Social scientists	13	—	13	—	9	4	—	—
Social and recreation workers	38	5	33	7	16	10	—	—
Teachers	102	17	85	—	17	68	—	—
College and university	11	7	4	—	4	—	—	—
Elementary and prekindergarten	21	—	21	—	8	13	—	—
Secondary	56	10	46	—	—	46	—	—
Engineering and science technicians	86	86	—	—	—	—	—	—
Draftsmen and surveyors	17	17	—	—	—	—	—	—
Electrical and electronic engineering technicians	25	25	—	—	—	—	—	—
Technicians, except health, and engineering and science	4	—	4	4	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	34	27	4	—	4	—	3	—
Other professional, technical, and kindred workers	255	172	55	12	28	15	28	—
Managers and administrators, except farm	216	116	79	26	16	37	21	—
Buyers, purchasing agents, and sales managers	10	6	4	—	—	—	—	—
School administrators	26	11	15	—	—	15	—	—
Specified managers and administrators, public administration	57	43	40	17	16	7	—	—
Other specified managers and administrators	67	56	9	5	—	4	5	—
Managers and administrators, n.e.c., salaried	4	4	—	—	—	—	—	—
Manufacturing	20	20	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Transportation, communications and other public utilities	43	32	11	—	—	11	—	—
All other industries	16	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	6	—	—	—	—	—	—	—
Construction	—	—	—	—	—	—	—	—
Manufacturing	5	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
All other industries	5	—	—	—	—	—	—	—
Sales workers	119	89	—	—	—	—	30	—
Insurance agents, brokers, and underwriters	11	11	—	—	—	—	—	—
Real estate agents and brokers	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries	5	5	—	—	—	—	—	—
Sales representatives, wholesale trade	5	5	—	—	—	—	—	—
Sales clerks, retail trade	49	30	—	—	—	—	19	—
Salesmen, retail trade	13	13	—	—	—	—	—	—
Salesmen of services and construction	—	—	—	—	—	—	—	—
Other sales workers	36	25	—	—	—	—	11	—
Clerical and kindred workers	641	326	305	219	70	16	10	—
Bank tellers and cashiers	10	10	—	—	—	—	—	—
Bookkeepers and billing clerks	10	10	—	—	—	—	—	—
Mail handlers and postal clerks	152	18	134	134	—	—	—	—
Other clerical and kindred workers	469	288	171	85	70	16	10	—
Craftsmen and kindred workers	1 343	1 047	155	44	58	53	141	—
Apparel craftsmen and upholsterers	7	7	—	—	—	—	—	—
Bakers	13	13	—	—	—	—	—	—
Cabinetmakers	—	—	—	—	—	—	—	—
Construction craftsmen	285	197	26	9	4	13	62	—
Carpenters	38	21	8	4	—	4	9	—
Excavating, grading, and road machine operators	62	44	13	—	4	9	5	—
Electricians	21	21	—	—	—	—	—	—
Masons and tile setters	93	84	—	—	—	—	9	—
Painters, construction and maintenance, and paperhangers	42	11	5	5	—	—	26	—
Plasterers and cement finishers	10	10	—	—	—	—	—	—
Plumbers and pipe fitters	15	6	—	—	—	—	9	—
Other construction craftsmen	4	—	—	—	—	—	4	—
Foremen, n.e.c.	104	82	22	—	17	5	—	—
Manufacturing	58	58	—	—	—	—	—	—
Nonmanufacturing industries	46	24	22	—	17	5	—	—
Linemen and servicemen, telephone and power	15	15	—	—	—	—	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	251	177	61	22	16	23	13	—
Air conditioning, heating, and refrigeration	17	17	—	—	—	—	—	—
Aircraft	4	—	4	4	—	—	—	—
Automobile, including body	146	108	32	10	16	6	6	—
Radio and television	—	—	—	—	—	—	—	—
Other mechanics and repairmen	84	52	25	8	—	17	7	—
Metal craftsmen, except mechanics	131	131	—	—	—	—	—	—
Machinists and job and die setters	57	57	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	22	22	—	—	—	—	—	—
Tool and die makers	5	5	—	—	—	—	—	—
Other metal craftsmen	47	47	—	—	—	—	—	—
Printing craftsmen	34	24	10	—	5	5	—	—
Compositors and typesetters	—	—	—	—	—	—	—	—
Pressmen and plate printers, printing	34	24	10	—	5	5	—	—
Stationary engineers and power station operators	17	—	17	5	12	—	—	—
Other craftsmen and kindred workers	486	401	19	8	4	7	66	—

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**

TRENTON SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	2 236	2 117	110	24	35	51	9	—
Assemblers.....	121	121	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	57	57	—	—	—	—	—	—
Garage workers and gas station attendants.....	15	8	7	—	—	7	—	—
Laundry and drycleaning operatives, n.e.c.....	36	31	—	—	—	—	5	—
Meat cutters and butchers.....	22	22	—	—	—	—	—	—
Mine operatives, n.e.c.....	—	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	65	59	6	6	—	—	—	—
Painters, manufactured articles.....	12	12	—	—	—	—	—	—
Precision machine operatives.....	42	42	—	—	—	—	—	—
Sawyers.....	—	—	—	—	—	—	—	—
Stationary firemen.....	51	38	13	—	5	8	—	—
Textile operatives.....	—	—	—	—	—	—	—	—
Welders and flamecutters.....	54	49	5	—	—	5	—	—
Other metalworking operatives.....	121	121	—	—	—	—	—	—
Other specified operatives.....	776	727	45	13	15	17	4	—
Miscellaneous and not specified operatives.....	864	830	34	5	15	14	—	—
Occupation:								
Machine operatives, miscellaneous specified.....	386	386	—	—	—	—	—	—
Machine operatives, not specified.....	218	213	5	5	—	—	—	—
Miscellaneous operatives.....	134	110	24	—	15	9	—	—
Not specified operatives.....	126	121	5	—	—	5	—	—
Industry:								
Manufacturing.....	809	794	15	—	15	—	—	—
Durable goods.....	336	329	7	—	7	—	—	—
Wood products, including furniture.....	8	8	—	—	—	—	—	—
Primary metal industries.....	100	93	7	—	7	—	—	—
Fabricated metal industries.....	57	57	—	—	—	—	—	—
Machinery, including electrical.....	74	74	—	—	—	—	—	—
Motor vehicles and equipment.....	14	14	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	—	—	—	—	—	—	—	—
Other durable goods.....	83	83	—	—	—	—	—	—
Nondurable goods.....	445	437	8	—	8	—	—	—
Food and kindred products.....	8	8	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	36	36	—	—	—	—	—	—
Chemicals and allied products.....	56	56	8	—	8	—	—	—
Other nondurable goods.....	345	337	—	—	—	—	—	—
Not specified manufacturing industries.....	28	28	—	—	—	—	—	—
Nonmanufacturing industries.....	55	36	19	5	—	14	—	—
Transportation, communications, and other public utilities.....	15	5	10	—	—	10	—	—
Wholesale and retail trade.....	19	19	—	—	—	—	—	—
All other industries.....	21	12	9	5	—	4	—	—
Transport equipment operatives	928	777	100	41	26	33	51	—
Bus drivers.....	8	3	5	—	—	5	—	—
Taxicab drivers and chauffeurs.....	38	34	4	4	—	—	—	—
Truck drivers and deliverymen.....	458	359	66	16	26	24	33	—
Other transport equipment operatives.....	424	381	25	21	—	4	18	—
Laborers, except farm	1 144	995	130	62	8	60	19	—
Construction laborers.....	293	267	26	—	5	21	—	—
Freight, stock, and material handlers.....	267	218	34	23	—	11	15	—
Other specified laborers.....	390	344	42	21	3	18	4	—
Miscellaneous and not specified laborers.....	194	166	28	18	—	10	—	—
Occupation:								
Miscellaneous laborers.....	37	37	—	—	—	—	—	—
Not specified laborers.....	157	129	28	18	—	10	—	—
Industry:								
Manufacturing.....	82	76	6	6	—	—	—	—
Durable goods.....	33	27	6	6	—	—	—	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	21	15	6	6	—	—	—	—
Machinery, including electrical.....	—	—	—	—	—	—	—	—
Transportation equipment.....	—	—	—	—	—	—	—	—
Other durable goods.....	12	12	—	—	—	—	—	—
Nondurable goods.....	49	49	—	—	—	—	—	—
Food and kindred products.....	—	—	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	112	90	22	12	—	10	—	—
Railroads and railway express service.....	25	25	—	—	—	—	—	—
Transportation, except railroads.....	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	10	—	10	—	—	10	—	—
Wholesale and retail trade.....	34	34	—	—	—	—	—	—
All other industries.....	43	31	12	12	—	—	—	—
Formers and farm managers	67	6	—	—	—	—	61	—
Farm laborers and farm foremen	177	177	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	177	177	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	1 956	1 226	689	81	434	174	41	—
Cleaning service workers.....	643	484	145	41	52	52	14	—
Food service workers.....	250	194	50	12	27	11	6	—
Cooks, except private household.....	126	99	21	7	9	5	6	—
Busboys and dishwashers.....	39	39	—	—	—	—	—	—
Health service workers.....	171	25	146	10	131	5	—	—
Personal service workers.....	99	62	20	—	16	4	17	—
Protective service workers.....	225	34	191	18	112	61	—	—
Firemen, fire protection.....	10	—	10	—	—	10	—	—
Guards and watchmen.....	157	34	123	13	95	15	—	—
Policemen and detectives.....	48	—	48	—	17	31	—	—
Private household workers	50	50	—	—	—	—	—	—

¹Includes 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		
TRENTON SMSA—Continued								
Negro—Continued								
Female, 16 years old and over	9 173	6 249	2 792	529	1 415	848	128	4
Professional, technical, and kindred workers	900	226	669	142	270	257	5	—
Accountants	16	12	4	—	4	—	—	—
Computer specialists	3	3	—	—	—	—	—	—
Librarians	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	123	34	84	—	65	19	5	—
Dietitians	18	9	9	—	9	—	—	—
Registered nurses	95	25	65	—	51	14	5	—
Health technologists and technicians	56	24	32	5	27	—	—	—
Social scientists	16	8	8	—	8	—	—	—
Social and recreation workers	61	13	48	15	15	18	—	—
Teachers: College and university	12	4	8	—	8	—	—	—
Elementary and prekindergarten	201	33	168	14	19	135	—	—
Secondary	35	—	35	—	10	25	—	—
Other teachers	11	11	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	21	16	5	—	5	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	12	7	5	—	5	—	—	—
Other professional, technical, and kindred workers	345	68	277	108	109	60	—	—
Managers and administrators, except farm	55	41	8	—	8	—	6	—
Buyers, purchasing agents, and sales managers	20	20	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	—	—	—	—	—	—	—	—
School administrators	—	—	—	—	—	—	—	—
Other specified managers and administrators	16	12	4	—	4	—	—	—
Managers and administrators, n.e.c., salaried	13	9	4	—	4	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	6	—	—	—	—	—	6	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Sales workers	243	225	—	—	—	—	18	—
Demonstrators, hucksters, and peddlers	—	—	—	—	—	—	—	—
Insurance, real estate agents, and brokers	6	6	—	—	—	—	—	—
Sales clerks, retail trade	151	133	—	—	—	—	18	—
Salesmen, retail trade	—	—	—	—	—	—	—	—
Other sales workers	86	86	—	—	—	—	—	—
Clerical and kindred workers	2 329	982	1 336	287	677	372	11	—
Bank tellers	9	9	—	—	—	—	—	—
Bookkeepers	78	50	28	6	17	5	—	—
Cashiers	53	49	4	—	—	4	—	—
Counter clerks, except food	4	4	—	—	—	—	—	—
Enumerators and interviewers	4	4	—	—	—	—	—	—
File clerks	106	15	91	9	63	19	—	—
Office machine operators	153	77	78	—	53	25	—	—
Bookkeeping and billing machine operators	3	—	3	—	—	—	—	—
Keypunch operators	121	72	49	—	36	13	—	—
Payroll and timekeeping clerks	16	4	12	5	7	—	—	—
Receptionists	42	12	30	16	7	7	—	—
Secretaries	332	206	120	30	47	43	6	—
Stenographers	60	6	54	8	34	12	—	—
Telephone operators	78	68	10	5	5	—	—	—
Typists	352	100	252	54	151	47	—	—
Other clerical and kindred workers	1 040	378	657	154	298	205	5	—
Craftsmen and kindred workers	74	74	—	—	—	—	—	—
Foremen, n.e.c.	12	12	—	—	—	—	—	—
Operatives, except transport	1 865	1 759	96	29	37	30	10	—
Assemblers	156	156	—	—	—	—	—	—
Battling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	100	87	13	—	7	6	—	—
Dressmakers and seamstresses, except factory	18	7	6	—	—	6	5	—
Laundry and drycleaning operatives, including ironers	309	290	19	5	5	9	—	—
Graders and sorters, manufacturing	5	5	—	—	—	—	—	—
Packers and wrappers, except produce	97	97	—	—	—	—	—	—
Sewers and stitchers	140	136	4	—	4	—	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	672	642	25	5	16	4	5	—
Miscellaneous and not specified operatives	368	339	29	19	5	5	—	—
Manufacturing	347	323	24	14	5	5	—	—
Durable goods	227	215	12	5	5	—	—	—
Machinery, including electrical	174	167	7	7	—	—	—	—
Other durable goods	53	48	5	—	5	—	—	—
Nondurable goods, including not specified manufacturing	120	108	12	7	—	5	—	—
Food and kindred products	4	4	—	—	—	—	—	—
Apparel and other fabricated textile products	25	18	7	7	—	—	—	—
Nonmanufacturing industries	21	16	5	5	—	—	—	—
Transport equipment operatives	35	15	12	—	9	3	8	—
Laborers, except farm	112	112	—	—	—	—	—	—
Farmers and farm managers	36	4	—	—	—	—	32	—
Farm laborers and farm foremen	65	65	—	—	—	—	—	—
Paid farm laborers and farm foremen	65	65	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	2 414	1 714	666	71	414	181	34	—
Cleaning service workers	500	384	116	8	61	47	—	—
Chambermaids and maids	118	97	21	—	11	10	—	—
Food service workers	319	277	37	7	25	5	5	—
Cooks, except private household	112	94	18	7	6	5	—	—
Waiters and food counter workers	122	117	5	—	5	—	—	—
Health service workers	803	479	324	—	281	43	—	—
Nursing aides, orderlies, and attendants	650	354	296	—	253	43	—	—
Practical nurses	104	86	18	—	18	—	—	—
Personal service workers	163	85	56	18	13	25	22	—
Hairdressers and cosmetologists	62	36	4	—	4	—	22	—
Private household workers	1 045	1 032	5	—	—	5	4	4
Private household workers, living in	88	88	—	—	—	—	—	—
Private household workers, living out	957	944	5	—	—	5	—	—

¹Includes 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

WILMINGTON, DEL.—N.J.—MD., SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	122 376	101 464	13 246	3 733	4 956	4 557	7 522	144
Professional, technical, and kindred workers	24 342	18 670	4 363	724	2 095	1 544	1 304	5
Accountants	1 916	1 712	125	47	51	27	79	—
Architects	134	95	—	—	—	—	39	—
Computer specialists	624	585	39	17	22	—	—	—
Engineers	5 230	4 921	268	116	109	43	41	—
Aeronautical and astronautical	146	141	5	5	—	—	—	—
Civil	550	426	115	—	83	32	9	—
Electrical and electronic	462	452	10	10	—	—	—	—
Mechanical	816	732	72	50	16	6	12	—
Other engineers	3 256	3 170	66	51	10	5	20	—
Lawyers and judges	640	263	98	25	63	10	279	—
Life and physical scientists	1 876	1 740	121	55	61	5	15	—
Chemists	1 660	1 602	43	10	28	5	15	—
Physicians, dentists, and related practitioners	1 017	371	78	52	22	4	568	—
Dentists	192	22	10	5	5	—	160	—
Pharmacists	177	139	6	6	—	—	32	—
Physicians, medical and osteopathic	562	199	62	41	17	4	301	—
Other related practitioners	86	11	—	—	—	—	75	—
Health technologists and technicians	100	57	37	16	5	16	6	—
Religious workers	477	395	9	—	9	—	73	—
Social scientists	574	504	65	10	26	29	5	—
Social and recreation workers	234	65	169	17	105	47	—	—
Teachers	2 995	647	2 316	27	1 148	1 141	32	—
College and university	852	293	559	13	519	27	—	—
Elementary and prekindergarten	659	78	581	5	196	380	—	—
Secondary	1 321	190	1 131	—	414	717	—	—
Engineering and science technicians	4 401	4 137	264	101	123	40	—	—
Draftsmen and surveyors	876	794	82	11	48	23	—	—
Electrical and electronic engineering technicians	259	199	60	38	9	13	—	—
Technicians, except health, and engineering and science	298	229	64	45	7	12	—	—
Airplane pilots	110	100	5	5	—	—	—	—
Writers, artists, and entertainers	1 196	980	78	29	24	25	138	—
Other professional, technical, and kindred workers	2 630	1 969	632	167	320	145	29	—
Managers and administrators, except farm	12 541	9 571	1 316	367	522	427	1 654	—
Buyers, purchasing agents, and sales managers	1 850	1 702	98	63	20	15	50	—
School administrators	383	59	319	—	130	189	5	—
Specified managers and administrators, public administration	581	—	581	254	182	145	—	—
Other specified managers and administrators	2 454	1 986	158	44	74	40	310	—
Managers and administrators, n.e.c., salaried	5 984	5 824	160	6	116	38	—	—
Manufacturing	1 992	1 992	—	—	—	—	—	—
Wholesale and retail trade	1 738	1 738	—	—	—	—	—	—
Transportation, communications and other public utilities	469	448	21	—	8	13	—	—
All other industries	1 785	1 646	139	6	108	25	—	—
Managers and administrators, n.e.c., self-employed	1 289	—	—	—	—	—	1 289	—
Construction	249	—	—	—	—	—	249	—
Manufacturing	87	—	—	—	—	—	87	—
Wholesale and retail trade	774	—	—	—	—	—	774	—
All other industries	179	—	—	—	—	—	179	—
Sales workers	6 970	6 169	51	24	22	5	745	5
Insurance agents, brokers, and underwriters	811	655	5	5	—	—	151	—
Real estate agents and brokers	287	200	—	—	—	—	87	—
Sales representatives, manufacturing industries	835	822	—	—	—	—	13	—
Sales representatives, wholesale trade	1 004	941	5	—	5	—	58	—
Sales clerks, retail trade	2 021	1 782	20	6	9	5	214	5
Salesmen, retail trade	1 069	959	—	—	—	—	110	—
Salesmen of services and construction	238	221	4	—	4	—	13	—
Other sales workers	705	589	17	13	4	—	99	—
Clerical and kindred workers	8 716	6 803	1 853	1 323	309	221	44	16
Bank tellers and cashiers	450	388	58	7	46	5	4	—
Bookkeepers and billing clerks	837	788	28	4	14	10	10	—
Mail handlers and postal clerks	1 135	163	972	964	—	8	—	—
Other clerical and kindred workers	6 294	5 464	795	348	249	198	30	5
Craftsmen and kindred workers	27 909	24 824	1 546	545	558	443	1 539	—
Apparel craftsmen and upholsterers	194	129	2	—	2	—	63	—
Bakers	179	145	4	—	4	—	30	—
Cabinetmakers	118	68	12	—	12	—	38	—
Construction craftsmen	8 905	7 735	443	177	153	113	727	—
Carpenters	2 196	1 889	80	46	16	18	227	—
Excavating, grading, and road machine operators	658	522	91	13	46	32	45	—
Electricians	1 804	1 669	82	26	35	21	53	—
Masons and tile setters	699	619	21	6	5	10	59	—
Painters, construction and maintenance, and paperhangers	951	718	69	23	36	10	164	—
Plasterers and cement finishers	309	272	7	—	—	7	30	—
Plumbers and pipe fitters	1 721	1 534	88	58	15	15	99	—
Other construction craftsmen	567	512	5	5	—	—	50	—
Foremen, n.e.c.	4 523	4 277	230	44	99	87	16	—
Manufacturing	2 978	2 966	12	—	—	12	—	—
Nonmanufacturing industries	1 545	1 311	218	44	99	75	16	—
Linemen and servicemen, telephone and power	867	836	31	19	—	12	—	—
Locomotive engineers and firemen	130	130	—	—	—	—	—	—
Mechanics and repairmen	6 017	5 239	381	172	127	82	397	—
Air conditioning, heating, and refrigeration	379	316	23	23	—	—	40	—
Aircraft	352	287	65	43	22	—	—	—
Automobile, including body	2 324	1 934	144	43	78	23	246	—
Radio and television	297	216	17	8	4	5	64	—
Other mechanics and repairmen	2 665	2 486	132	55	23	54	47	—
Metal craftsmen, except mechanics	2 742	2 657	69	39	17	13	16	—
Machinists and job and die setters	1 139	1 095	44	21	10	13	—	—
Sheetmetal workers and tinsmiths	490	479	5	5	—	—	6	—
Tool and die makers	166	163	3	3	—	—	—	—
Other metal craftsmen	947	920	17	10	7	—	10	—
Printing craftsmen	590	568	11	6	5	—	11	—
Compositors and typesetters	267	262	—	—	—	—	5	—
Pressmen and plate printers, printing	248	231	11	6	5	—	6	—
Stationary engineers and power station operators	651	536	115	16	21	78	—	—
Other craftsmen and kindred workers	2 993	2 504	248	72	118	58	241	—

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

WILMINGTON, DEL.—N.J.—MD., SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers	
			Total	Federal	State			Local
Operatives, except transport	17 964	17 486	262	140	87	35	196	20
Assemblers	2 747	2 707	40	23	—	17	—	—
Checkers, examiners, and inspectors; manufacturing	1 132	1 114	18	14	4	—	—	—
Garage workers and gas station attendants	927	877	—	—	—	—	45	5
Laundry and drycleaning operatives, n.e.c.	103	78	8	—	8	—	—	17
Meat cutters and butchers	361	352	—	—	—	—	—	9
Mine operatives, n.e.c.	16	16	—	—	—	—	—	—
Packers and wrappers, except produce	461	455	—	—	—	—	—	6
Painters, manufactured articles	404	391	6	—	6	—	—	7
Precision machine operatives	435	415	4	4	—	—	—	16
Sawyers	54	47	—	—	—	—	—	7
Stationary firemen	325	278	47	20	14	13	—	—
Textile operatives	301	301	—	—	—	—	—	—
Welders and flamecutters	1 368	1 308	34	29	5	—	22	4
Other metalworking operatives	353	353	—	—	—	—	—	—
Other specified operatives	2 612	2 532	50	17	33	—	25	5
Miscellaneous and not specified operatives	6 365	6 262	55	33	17	5	42	6
Occupation:								
Machine operatives, miscellaneous specified	2 228	2 203	11	—	6	5	14	—
Machine operatives, not specified	2 435	2 423	12	6	6	—	—	—
Miscellaneous operatives	1 128	1 088	15	10	5	—	19	6
Not specified operatives	574	548	17	17	—	—	9	—
Industry:								
Manufacturing	5 722	5 679	17	12	—	5	20	6
Durable goods	1 540	1 520	6	6	—	—	8	6
Wood products, including furniture	39	33	—	—	—	—	—	6
Primary metal industries	298	298	—	—	—	—	—	—
Fabricated metal industries	116	116	—	—	—	—	—	—
Machinery, including electrical	160	152	—	—	—	—	8	—
Motor vehicles and equipment	265	259	6	6	—	—	—	—
Transportation equipment, except motor vehicles	111	111	—	—	—	—	—	—
Other durable goods	551	551	—	—	—	—	—	—
Nondurable goods	4 141	4 118	11	6	—	5	12	—
Food and kindred products	159	153	—	—	—	—	6	—
Apparel and other fabricated textile products	23	23	—	—	—	—	—	—
Paper and allied products	364	358	6	6	—	—	—	—
Chemicals and allied products	2 398	2 392	—	—	—	—	6	—
Other nondurable goods	1 197	1 192	5	—	—	5	—	—
Not specified manufacturing industries	41	41	—	—	—	—	—	—
Nonmanufacturing industries	643	583	38	21	17	—	22	—
Transportation, communications, and other public utilities	135	135	—	—	—	—	—	—
Wholesale and retail trade	251	218	16	10	6	—	17	—
All other industries	257	230	22	11	11	—	5	—
Transport equipment operatives	5 943	5 258	403	97	126	180	282	—
Bus drivers	285	189	90	—	34	56	6	—
Taxicab drivers and chauffeurs	306	244	40	4	11	25	22	—
Truck drivers and deliverymen	4 104	3 687	207	49	77	81	210	—
Other transport equipment operatives	1 248	1 138	66	44	4	18	44	—
Laborers, except farm	6 612	5 820	644	135	207	302	131	17
Construction laborers	1 333	1 113	220	33	133	54	—	—
Freight, stock, and material handlers	2 385	2 154	202	67	17	118	29	—
Other specified laborers	1 793	1 575	130	21	53	56	75	13
Miscellaneous and not specified laborers	1 101	978	92	14	4	74	27	4
Occupation:								
Miscellaneous laborers	310	243	46	4	—	42	17	4
Not specified laborers	791	735	46	10	4	32	10	—
Industry:								
Manufacturing	563	563	—	—	—	—	—	—
Durable goods	229	229	—	—	—	—	—	—
Wood products, including furniture	—	—	—	—	—	—	—	—
Metal industries	74	74	—	—	—	—	—	—
Machinery, including electrical	18	18	—	—	—	—	—	—
Transportation equipment	56	56	—	—	—	—	—	—
Other durable goods	81	81	—	—	—	—	—	—
Nondurable goods	325	325	—	—	—	—	—	—
Food and kindred products	21	21	—	—	—	—	—	—
Not specified manufacturing industries	9	9	—	—	—	—	—	—
Nonmanufacturing industries	538	415	92	14	4	74	27	4
Railroads and railway express service	48	48	—	—	—	—	—	—
Transportation, except railroads	26	20	—	—	—	—	6	—
Communications, and utilities and sanitary services	86	30	56	4	4	48	—	—
Wholesale and retail trade	195	186	—	—	—	—	5	4
All other industries	183	131	36	10	—	26	16	—
Farmers and farm managers	1 326	118	12	—	12	—	1 196	—
Farm laborers and farm foremen	1 115	1 020	23	6	10	7	8	64
Paid farm laborers and farm foremen	1 051	1 020	23	6	10	7	8	—
Unpaid family workers	64	—	—	—	—	—	—	64
Service workers, except private household ¹	8 777	5 564	2 773	372	1 008	1 393	423	17
Cleaning service workers	3 391	2 312	1 042	96	488	458	31	6
Food service workers	1 772	1 475	215	88	98	29	76	6
Cooks, except private household	725	618	66	21	23	22	41	—
Busboys and dishwashers	396	366	—	2	21	7	—	—
Health service workers	217	115	102	64	16	22	—	—
Personal service workers	786	434	49	5	30	14	303	—
Protective service workers	2 110	843	1 262	95	317	850	5	—
Firemen, fire protection	292	292	256	24	12	220	—	—
Guards and watchmen	963	769	189	46	60	83	5	—
Policemen and detectives	733	31	702	20	219	463	—	—
Private household workers	161	161	—	—	—	—	—	—

¹Includes 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

WILMINGTON, DEL.—N.J.—MD., SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	69 685	53 336	13 932	2 109	6 458	5 365	1 979	438
Professional, technical, and kindred workers	12 073	5 662	5 848	420	2 685	2 743	543	20
Accountants	356	259	92	52	30	10	5	—
Computer specialists	199	189	10	5	5	—	—	—
Librarians	293	86	207	5	101	101	—	—
Mathematical specialists	19	19	—	—	—	—	—	—
Life and physical scientists	203	192	11	5	—	6	—	—
Registered nurses, dietitians, and therapists	2 432	1 675	631	167	251	213	115	11
Dietitians	102	67	24	8	10	6	11	—
Registered nurses	2 242	1 551	576	159	226	191	104	11
Health technologists and technicians	427	352	69	22	37	10	6	—
Social scientists	31	16	9	6	3	—	6	—
Social and recreation workers	405	135	270	26	192	52	—	—
Teachers: College and university	395	98	297	9	263	25	—	—
Elementary and prekindergarten	3 101	605	2 474	36	1 000	1 438	22	—
Secondary	1 399	249	1 150	—	456	694	—	—
Other teachers	323	85	51	9	25	17	187	—
Engineering and science technicians	631	617	14	—	9	5	—	—
Technicians, except health, and engineering and science	33	6	27	10	13	4	—	—
Writers, artists, and entertainers	459	344	20	5	6	9	95	—
Actors and dancers	9	9	—	—	—	—	—	—
Authors, editors, and reporters	139	128	—	—	—	—	11	—
Other professional, technical, and kindred workers	1 367	735	516	63	294	159	107	9
Managers and administrators, except farm	2 082	1 419	359	67	127	165	263	41
Buyers, purchasing agents, and sales managers	337	286	24	14	10	—	23	4
Restaurant, cafeteria, and bar managers	245	100	85	—	43	42	57	3
School administrators	136	44	92	4	32	56	—	—
Other specified managers and administrators	512	336	138	49	31	58	32	6
Managers and administrators, n.e.c., salaried	673	653	20	—	11	9	—	—
Wholesale and retail trade	286	286	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	179	—	—	—	—	—	—	—
Wholesale and retail trade	111	—	—	—	—	—	87	24
Sales workers	5 339	4 943	57	16	21	20	275	64
Demonstrators, hucksters, and peddlers	264	204	—	—	—	—	60	—
Insurance, real estate agents, and brokers	236	221	—	—	—	—	15	—
Sales clerks, retail trade	3 975	3 732	13	5	4	4	170	60
Salesmen, retail trade	178	164	8	—	3	5	6	—
Other sales workers	686	622	36	11	14	11	24	4
Clerical and kindred workers	26 107	21 207	4 581	1 251	1 962	1 368	145	174
Bank tellers	571	548	19	10	9	—	4	—
Bookkeepers	2 340	2 049	191	53	60	78	46	54
Cashiers	1 857	1 625	216	25	145	46	16	—
Counter clerks, except food	406	397	5	—	5	—	—	4
Enumerators and interviewers	70	26	44	20	14	10	—	—
File clerks	738	614	124	33	66	25	—	—
Office machine operators	1 074	934	140	37	72	31	—	—
Bookkeeping and billing machine operators	151	151	—	—	—	—	—	—
Keypunch operators	695	596	99	37	54	8	—	—
Payroll and timekeeping clerks	182	146	36	10	14	12	—	6
Receptionists	630	517	107	4	50	53	—	6
Secretaries	7 866	6 358	1 408	236	711	461	37	63
Stenographers	635	560	70	17	42	11	5	—
Telephone operators	756	672	84	31	25	28	—	—
Typists	2 521	1 869	642	244	218	180	10	—
Other clerical and kindred workers	6 461	4 892	1 495	531	531	433	27	47
Craftsmen and kindred workers	823	737	64	8	47	9	10	12
Foremen, n.e.c.	224	217	7	—	7	—	—	—
Operatives, except transport	7 043	6 704	203	59	74	70	132	4
Assemblers	751	733	14	4	—	10	—	4
Bottling and canning operatives	73	73	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	992	982	10	—	—	10	—	—
Dressmakers and seamstresses, except factory	258	167	19	9	5	5	72	—
Laundry and drycleaning operatives, including ironers	490	422	54	13	31	10	14	—
Graders and sorters, manufacturing	45	45	—	—	—	—	—	—
Packers and wrappers, except produce	706	706	—	—	—	—	—	—
Sewers and stitchers	996	971	15	15	—	—	10	—
Textile operatives	253	253	—	—	—	—	—	—
Other specified operatives	1 202	1 117	52	15	28	9	33	—
Miscellaneous and not specified operatives	1 277	1 235	39	3	10	26	3	—
Manufacturing	1 152	1 133	16	3	4	9	3	—
Durable goods	417	404	13	—	4	9	—	—
Machinery, including electrical	199	194	5	—	—	5	—	—
Other durable goods	218	210	8	—	4	4	—	—
Nondurable goods, including not specified manufacturing	735	729	3	3	—	—	3	—
Food and kindred products	210	210	—	—	—	—	—	—
Apparel and other fabricated textile products	78	78	—	—	—	—	—	—
Nonmanufacturing industries	125	102	23	—	6	17	—	—
Transport equipment operatives	450	346	81	—	23	58	23	—
Laborers, except farm	449	392	33	5	23	5	11	13
Farmers and farm managers	115	10	—	—	—	—	105	—
Farm laborers and farm foremen	149	67	5	5	—	—	—	77
Paid farm laborers and farm foremen	72	67	5	5	—	—	—	—
Unpaid family workers	77	—	—	—	—	—	—	77
Service workers, except private household¹	12 035	8 834	2 701	278	1 496	927	467	33
Cleaning service workers	1 559	1 128	413	40	230	143	13	5
Chambermaids and maids	383	321	62	—	52	10	—	—
Food service workers	5 182	4 017	1 051	74	604	373	91	23
Cooks, except private household	698	632	298	25	177	96	38	—
Waiters and food counter workers	3 225	2 817	362	18	208	136	40	6
Health service workers	2 296	1 603	655	133	393	129	38	—
Nursing aides, orderlies, and attendants	1 279	755	520	102	320	98	4	—
Practical nurses	608	497	77	11	50	16	34	—
Personal service workers	1 693	1 188	210	11	125	74	295	—
Hairdressers and cosmetologists	732	524	11	6	5	—	197	—
Private household workers	3 020	3 015	—	—	—	—	5	—
Private household workers, living in	173	173	—	—	—	—	—	—
Private household workers, living out	2 847	2 842	—	—	—	—	5	—

¹Includes 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

WILMINGTON, DEL.—N.J.—MD., SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	11 252	9 181	1 727	401	559	767	339	5
Professional, technical, and kindred workers	747	411	315	19	95	201	21	—
Accountants	33	33	—	—	—	—	—	—
Architects	5	5	—	—	—	—	—	—
Computer specialists	20	20	—	—	—	—	—	—
Engineers	10	4	6	—	—	6	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—
Mechanical	6	—	6	—	—	6	—	—
Other engineers	4	4	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—	—	—
Life and physical scientists	55	55	—	—	—	—	—	—
Chemists	55	55	—	—	—	—	—	—
Physicians, dentists, and related practitioners	12	5	—	—	—	—	7	—
Dentists	—	—	—	—	—	—	—	—
Pharmacists	5	5	—	—	—	—	—	—
Physicians, medical and osteopathic	7	—	—	—	—	—	7	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	10	4	6	6	—	—	—	—
Religious workers	72	57	5	—	5	—	10	—
Social scientists	12	6	6	—	—	6	—	—
Social and recreation workers	49	17	32	—	10	22	—	—
Teachers	204	14	186	—	59	127	4	—
College and university	3	—	—	—	—	—	—	—
Elementary and prekindergarten	89	5	84	—	19	65	—	—
Secondary	87	—	87	—	25	62	—	—
Engineering and science technicians	129	104	25	13	10	2	—	—
Draftsmen and surveyors	22	10	12	—	10	2	—	—
Electrical and electronic engineering technicians	22	9	13	—	—	—	—	—
Technicians, except health, and engineering and science	4	4	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	34	21	13	—	—	13	—	—
Other professional, technical, and kindred workers	98	62	36	—	11	25	—	—
Managers and administrators, except farm	336	180	93	11	37	45	63	—
Buyers, purchasing agents, and sales managers	15	7	8	8	—	—	—	—
School administrators	35	6	29	—	18	11	—	—
Specified managers and administrators, public administration	39	—	39	—	19	20	—	—
Other specified managers and administrators	97	72	17	3	—	14	8	—
Managers and administrators, n.e.c., salaried	95	95	—	—	—	—	—	—
Manufacturing	21	21	—	—	—	—	—	—
Wholesale and retail trade	25	25	—	—	—	—	—	—
Transportation, communications and other public utilities	—	—	—	—	—	—	—	—
All other industries	49	49	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	55	—	—	—	—	—	55	—
Construction	7	—	—	—	—	—	7	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	21	—	—	—	—	—	21	—
All other industries	27	—	—	—	—	—	27	—
Sales workers	226	183	13	—	13	—	30	—
Insurance agents, brokers, and underwriters	5	5	—	—	—	—	—	—
Real estate agents and brokers	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries	16	16	—	—	—	—	—	—
Sales representatives, wholesale trade	24	19	5	—	5	—	—	—
Sales clerks, retail trade	91	87	4	—	4	—	—	—
Salesmen, retail trade	14	14	—	—	—	—	—	—
Salesmen of services and construction	7	3	—	—	—	—	4	—
Other sales workers	69	39	4	—	4	—	26	—
Clerical and kindred workers	655	449	201	140	42	19	5	—
Bank tellers and cashiers	29	19	10	4	6	—	—	—
Bookkeepers and billing clerks	28	24	4	—	4	—	—	—
Mail handlers and postal clerks	104	22	82	82	—	—	—	—
Other clerical and kindred workers	494	384	105	54	32	19	5	—
Craftsmen and kindred workers	1 591	1 377	129	42	45	42	85	—
Apparel craftsmen and upholsterers	17	6	—	—	—	—	11	—
Bakers	13	13	—	—	—	—	—	—
Cabinetmakers	—	—	—	—	—	—	—	—
Construction craftsmen	374	328	31	24	—	7	15	—
Carpenters	51	51	—	—	—	—	—	—
Excavating, grading, and road machine operators	58	44	8	8	—	—	6	—
Electricians	31	31	—	—	—	—	—	—
Masons and tile setters	84	84	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	35	26	—	—	—	—	9	—
Plasterers and cement finishers	85	78	7	—	—	7	—	—
Plumbers and pipe fitters	27	11	16	16	—	—	—	—
Other construction craftsmen	3	3	—	—	—	—	—	—
Foremen, n.e.c.	148	114	34	—	23	11	—	—
Manufacturing	60	60	—	—	—	—	—	—
Nonmanufacturing industries	88	54	34	—	23	11	—	—
Linemen and servicemen, telephone and power	13	13	—	—	—	—	—	—
Locomotive engineers and firemen	11	11	—	—	—	—	—	—
Mechanics and repairmen	397	365	10	5	—	5	22	—
Air conditioning, heating, and refrigeration	12	12	—	—	—	—	—	—
Aircraft	6	6	—	—	—	—	—	—
Automobile, including body	248	230	—	—	—	—	18	—
Radio and television	4	—	—	—	—	—	4	—
Other mechanics and repairmen	127	117	10	5	—	5	—	—
Metal craftsmen, except mechanics	153	138	15	—	7	8	—	—
Machinists and job and die setters	52	44	8	—	—	8	—	—
Sheetmetal workers and tinsmiths	15	15	—	—	—	—	—	—
Tool and die makers	5	5	—	—	—	—	—	—
Other metal craftsmen	81	74	7	—	7	—	—	—
Printing craftsmen	17	11	—	—	—	—	6	—
Compositors and typesetters	7	7	—	—	—	—	—	—
Pressmen and plate printers, printing	10	4	—	—	—	—	6	—
Stationary engineers and power station operators	20	16	4	—	4	—	—	—
Other craftsmen and kindred workers	428	362	35	13	11	11	31	—

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

WILMINGTON, DEL.—N.J.—MD., SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	2 420	2 351	46	28	13	5	23	
Assemblers.....	414	408	6	6	—	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	92	92	—	—	—	—	—	—
Garage workers and gas station attendants.....	38	38	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	20	20	—	—	—	—	—	—
Meat cutters and butchers.....	10	10	—	—	—	—	—	—
Mine operatives, n.e.c.....	7	7	—	—	—	—	—	—
Packers and wrappers, except produce.....	46	40	—	—	—	—	6	—
Painters, manufactured articles.....	64	64	—	—	—	—	—	—
Precision machine operatives.....	68	68	—	—	—	—	—	—
Sawyers.....	—	—	—	—	—	—	—	—
Stationary firemen.....	48	45	3	3	—	—	—	—
Textile operatives.....	23	23	—	—	—	—	—	—
Welders and flamecutters.....	130	119	11	6	5	—	—	—
Other metalworking operatives.....	79	79	—	—	—	—	—	—
Other specified operatives.....	446	429	17	9	8	—	—	—
Miscellaneous and not specified operatives.....	935	909	9	4	—	5	17	—
Occupation:								
Machine operatives, miscellaneous specified.....	332	313	5	—	—	5	14	—
Machine operatives, not specified.....	366	366	—	—	—	—	—	—
Miscellaneous operatives.....	152	145	4	4	—	—	3	—
Not specified operatives.....	85	85	—	—	—	—	—	—
Industry:								
Manufacturing.....	820	801	5	—	—	5	14	—
Durable goods.....	242	234	—	—	—	—	8	—
Wood products, including furniture.....	6	6	—	—	—	—	—	—
Primary metal industries.....	66	66	—	—	—	—	—	—
Fabricated metal industries.....	7	7	—	—	—	—	—	—
Machinery, including electrical.....	19	11	—	—	—	—	8	—
Motor vehicles and equipment.....	29	29	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	10	10	—	—	—	—	—	—
Other durable goods.....	105	105	—	—	—	—	—	—
Nondurable goods.....	565	554	5	—	—	5	6	—
Food and kindred products.....	32	32	—	—	—	—	—	—
Apparel and other fabricated textile products.....	8	8	—	—	—	—	—	—
Paper and allied products.....	77	77	—	—	—	—	—	—
Chemicals and allied products.....	286	280	—	—	—	—	6	—
Other nondurable goods.....	162	157	5	—	—	5	—	—
Not specified manufacturing industries.....	13	13	—	—	—	—	—	—
Nonmanufacturing industries.....	115	108	4	4	—	—	3	—
Transportation, communications, and other public utilities.....	52	52	—	—	—	—	—	—
Wholesale and retail trade.....	16	13	—	—	—	—	3	—
All other industries.....	47	43	4	4	—	—	—	—
Transport equipment operatives.....	1 155	1 041	95	15	30	50	19	—
Bus drivers.....	51	40	11	—	4	7	—	—
Taxicab drivers and chauffeurs.....	42	42	—	—	—	—	—	—
Truck drivers and deliverymen.....	694	611	64	4	26	34	19	—
Other transport equipment operatives.....	368	348	20	11	—	9	—	—
Laborers, except farm.....	1 941	1 635	288	38	68	182	18	—
Construction laborers.....	544	469	75	16	44	15	—	—
Freight, stock, and material handlers.....	511	389	117	9	11	97	5	—
Other specified laborers.....	579	535	37	7	9	21	7	—
Miscellaneous and not specified laborers.....	307	242	59	6	4	49	6	—
Occupation:								
Miscellaneous laborers.....	105	56	43	4	—	39	6	—
Not specified laborers.....	202	186	16	2	4	10	—	—
Industry:								
Manufacturing.....	132	132	—	—	—	—	—	—
Durable goods.....	59	59	—	—	—	—	—	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	36	36	—	—	—	—	—	—
Machinery, including electrical.....	—	—	—	—	—	—	—	—
Transportation equipment.....	—	—	—	—	—	—	—	—
Other durable goods.....	23	23	—	—	—	—	—	—
Nondurable goods.....	68	68	—	—	—	—	—	—
Food and kindred products.....	12	12	—	—	—	—	—	—
Not specified manufacturing industries.....	5	5	—	—	—	—	—	—
Nonmanufacturing industries.....	175	110	59	6	4	49	6	—
Railroads and railway express service.....	24	24	—	—	—	—	—	—
Transportation, except railroads.....	6	—	—	—	—	—	6	—
Communications, and utilities and sanitary services.....	53	6	47	4	4	39	—	—
Wholesale and retail trade.....	41	41	—	—	—	—	—	—
All other industries.....	51	39	12	2	—	10	—	—
Farmers and farm managers.....	23	—	—	—	—	—	23	—
Farm laborers and farm foremen.....	269	256	13	6	—	7	—	—
Paid farm laborers and farm foremen.....	269	256	13	6	—	7	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household ¹	1 817	1 226	534	102	216	216	52	5
Cleaning service workers.....	1 050	729	309	44	149	116	12	—
Food service workers.....	315	240	65	15	30	20	10	—
Cooks, except private household.....	153	108	40	9	14	17	5	—
Busboys and dishwashers.....	78	75	3	—	—	3	—	—
Health service workers.....	58	22	36	24	6	6	—	—
Personal service workers.....	77	27	20	—	10	10	30	—
Protective service workers.....	125	68	57	—	—	57	—	—
Firemen, fire protection.....	—	—	—	—	—	—	—	—
Guards and watchmen.....	88	64	24	—	—	24	—	—
Policemen and detectives.....	32	4	28	—	—	28	—	—
Private household workers.....	72	72	—	—	—	—	—	—

¹Includes 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

WILMINGTON, DEL.—N.J.—MD., SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	9 492	7 156	2 187	400	1 054	733	142	7
Professional, technical, and kindred workers	1 018	381	637	63	333	241	—	—
Accountants	12	12	—	—	—	—	—	—
Computer specialists	11	11	—	—	—	—	—	—
Librarians	17	—	17	—	10	7	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	23	23	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	208	112	96	23	47	26	—	—
Dietitians	27	15	12	8	4	—	—	—
Registered nurses	177	93	84	15	43	26	—	—
Health technologists and technicians	54	41	13	7	6	—	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	63	19	44	8	16	20	—	—
Teachers: College and university	17	—	17	—	17	—	—	—
Elementary and prekindergarten	288	36	252	11	117	124	—	—
Secondary	103	6	97	—	39	58	—	—
Other teachers	11	11	—	—	—	—	—	—
Engineering and science technicians	44	44	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	167	66	101	14	81	6	—	—
Managers and administrators, except farm	69	24	29	—	9	20	16	—
Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	17	5	—	—	—	—	12	—
School administrators	18	—	18	—	7	11	—	—
Other specified managers and administrators	25	14	11	—	2	9	—	—
Managers and administrators, n.e.c., salaried	5	5	—	—	—	—	—	—
Wholesale and retail trade	5	5	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	4	—	—	—	—	—	—	4
Wholesale and retail trade	4	—	—	—	—	—	—	4
Sales workers	209	188	7	—	—	7	14	—
Demonstrators, hucksters, and peddlers	17	3	—	—	—	—	14	—
Insurance, real estate agents, and brokers	4	4	—	—	—	—	—	—
Sales clerks, retail trade	144	144	—	—	—	—	—	—
Salesmen, retail trade	19	19	—	—	—	—	—	—
Other sales workers	25	18	7	—	—	7	—	—
Clerical and kindred workers	1 667	1 013	647	233	209	205	—	7
Bank tellers	4	4	—	—	—	—	—	—
Bookkeepers	47	31	9	9	—	—	—	7
Cashiers	98	94	4	—	—	4	—	—
Counter clerks, except food	14	14	—	—	—	—	—	—
Enumerators and interviewers	13	4	9	—	9	—	—	—
File clerks	79	37	42	12	18	12	—	—
Office machine operators	64	23	41	17	10	14	—	—
Bookkeeping and billing machine operators	6	6	—	—	—	—	—	—
Keypunch operators	29	7	22	17	5	—	—	—
Payroll and timekeeping clerks	—	—	—	—	—	—	—	—
Receptionists	30	11	19	4	12	3	—	—
Secretaries	252	166	86	26	28	32	—	—
Stenographers	40	40	—	—	—	—	—	—
Telephone operators	36	31	5	—	5	—	—	—
Typists	232	143	89	16	45	28	—	—
Other clerical and kindred workers	758	415	343	149	82	112	—	—
Craftsmen and kindred workers	56	46	10	3	7	—	—	—
Foremen, n.e.c.	18	11	7	—	7	—	—	—
Operatives, except transport	1 535	1 422	71	19	34	18	42	—
Assemblers	108	104	4	4	—	—	—	—
Bottling and canning operatives	22	22	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	258	258	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	16	12	—	—	—	—	4	—
Laundry and drycleaning operatives, including ironers	247	234	9	5	—	4	4	—
Graders and sorters, manufacturing	13	13	—	—	—	—	—	—
Packers and wrappers, except produce	69	69	—	—	—	—	—	—
Sewers and stitchers	120	110	—	—	—	—	10	—
Textile operatives	15	15	—	—	—	—	—	—
Other specified operatives	368	297	47	10	28	9	24	—
Miscellaneous and not specified operatives	299	288	11	—	6	5	—	—
Manufacturing	258	258	—	—	—	—	—	—
Durable goods	74	74	—	—	—	—	—	—
Machinery, including electrical	23	23	—	—	—	—	—	—
Other durable goods	51	51	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	184	184	—	—	—	—	—	—
Food and kindred products	121	121	—	—	—	—	—	—
Apparel and other fabricated textile products	22	22	—	—	—	—	—	—
Nonmanufacturing industries	41	30	11	—	6	5	—	—
Transport equipment operatives	16	12	4	—	4	—	—	—
Laborers, except farm	111	95	16	5	11	—	—	—
Farmers and farm managers	12	2	—	—	—	—	10	—
Farm laborers and farm foremen	24	19	5	5	—	—	—	—
Paid farm laborers and farm foremen	24	19	5	5	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	2 709	1 888	761	72	447	242	60	—
Cleaning service workers	631	467	164	10	106	48	—	—
Chambermaids and maids	161	130	31	—	27	4	—	—
Food service workers	532	399	127	17	88	22	6	—
Cooks, except private household	199	142	51	7	36	8	6	—
Waiters and food counter workers	165	137	28	—	14	14	—	—
Health service workers	791	479	308	35	203	70	4	—
Nursing aides, orderlies, and attendants	641	359	278	23	191	64	4	—
Practical nurses	109	93	16	6	4	6	—	—
Personal service workers	265	163	66	6	26	34	36	—
Hairdressers and cosmetologists	51	32	6	6	—	—	13	—
Private household workers	2 066	2 066	—	—	—	—	—	—
Private household workers, living in	39	39	—	—	—	—	—	—
Private household workers, living out	2 027	2 027	—	—	—	—	—	—

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