

Table 177. Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 and Sex: 1970—Continued

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

The State	Persons with earnings										Median earnings (dollars)	Percent worked 50 to 52 weeks
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more		
Male experienced civilian labor force—												
Continued												
Finance, insurance, and real estate												
Professional, technical, and kindred workers	92 481	5 219	5 308	3 603	5 192	5 544	6 707	13 170	24 474	23 264	10 306	82.4
Managers and administrators, except farm	9 002	264	365	140	236	237	476	1 333	3 447	2 504	12 103	86.5
Sales workers	22 847	586	548	410	591	664	1 143	2 573	7 074	9 258	13 469	89.6
Clerical and kindred workers	29 753	1 086	1 209	795	1 121	1 354	1 935	4 092	8 362	9 799	11 964	82.9
Craftsmen and kindred workers	20 083	1 845	1 941	1 245	1 659	1 859	2 091	3 584	4 340	1 519	7 714	76.6
Operatives, except transport	3 070	95	173	108	293	357	404	713	821	106	8 295	82.4
Transport equipment operatives	421	42	49	6	55	64	48	102	45	10	6 914	79.1
Laborers, except farm	401	24	65	24	28	56	65	75	47	17	7 054	70.1
Service workers, except private household	1 603	369	237	165	177	233	156	177	84	5	5 172	59.8
	5 301	908	721	710	1 032	720	389	521	254	46	5 302	72.2
Business and repair services												
Professional, technical, and kindred workers	79 845	7 284	6 513	4 235	5 921	5 901	7 191	12 355	16 531	13 914	8 466	75.8
Managers and administrators, except farm	17 163	496	594	391	500	580	904	2 116	5 384	6 198	12 786	83.6
Sales workers	9 697	213	246	116	221	277	484	1 112	2 667	4 361	14 086	89.6
Clerical and kindred workers	3 378	177	148	82	118	154	194	405	985	1 115	12 086	78.6
Craftsmen and kindred workers	5 595	817	695	285	472	548	581	901	920	376	6 964	65.9
Operatives, except transport	25 994	1 945	2 232	1 590	2 401	2 557	3 317	5 576	5 002	1 374	7 685	77.1
Transport equipment operatives	4 869	586	516	373	561	532	532	859	639	225	6 889	71.4
Laborers, except farm	2 074	229	271	207	273	209	262	338	249	36	6 273	67.1
Service workers, except private household	2 397	834	500	196	223	211	139	174	94	26	3 458	41.4
	8 678	1 987	1 311	995	1 152	787	778	874	591	203	5 040	59.9
Personal services												
Professional and managerial workers, except farm	34 879	4 988	4 648	3 376	4 162	3 482	3 350	4 150	4 017	2 706	6 076	70.5
Clerical and sales workers	6 856	337	373	202	442	529	587	1 101	1 574	1 711	9 740	81.2
Craftsmen and operatives, including transport	2 201	401	371	154	222	166	138	306	222	221	5 786	64.2
Laborers, except farm	9 519	1 007	1 140	937	1 218	1 278	1 266	1 356	1 019	298	6 358	73.0
Service workers, except private household	1 798	719	320	187	175	112	181	58	28	18	3 125	51.4
Private household workers	13 653	2 193	2 250	1 797	2 027	1 355	1 143	1 283	1 147	458	5 289	67.9
	852	331	194	99	78	42	35	46	27	-	2 979	53.6
Entertainment and recreation services												
Professional, technical, and kindred workers	13 494	3 168	1 522	926	944	953	1 118	1 398	1 819	1 646	6 196	51.3
Managers and administrators, except farm	3 191	435	335	204	204	190	189	231	664	739	8 333	47.1
Sales workers	1 898	151	123	89	106	104	167	254	377	527	9 446	72.0
Clerical and kindred workers	240	38	19	15	21	11	4	46	57	29	8 522	56.7
Craftsmen and kindred workers	861	199	103	92	111	56	85	71	92	72	5 419	43.0
Operatives, except transport	1 522	162	116	65	108	155	207	282	239	168	7 452	66.8
Transport equipment operatives	375	59	22	10	26	29	26	66	124	19	8 652	72.0
Laborers, except farm	186	42	12	13	14	-	47	28	30	-	7 255	41.4
Service workers, except private household	1 336	306	204	126	124	160	142	152	77	45	5 258	48.3
	3 865	1 776	588	292	236	251	248	268	159	47	2 532	39.7
Professional and related services												
Professional and managerial workers, except farm	172 891	15 763	12 656	7 922	10 120	11 792	12 453	20 678	39 809	41 698	9 522	65.0
Managers and administrators, except farm	110 445	6 353	7 215	3 075	3 718	5 399	6 890	13 553	30 618	33 624	11 473	62.2
Sales workers	14 452	339	362	173	230	279	530	1 305	4 644	6 590	14 315	79.7
Clerical and kindred workers	956	96	25	27	28	37	64	161	251	267	10 797	75.9
Craftsmen and kindred workers	7 836	2 207	941	513	653	580	623	847	941	531	5 394	58.9
Operatives, except transport	8 491	474	422	327	594	974	1 193	2 065	1 969	473	8 253	75.9
Transport equipment operatives	2 417	382	210	240	270	303	392	364	222	34	6 351	67.1
Laborers, except farm	1 048	160	156	100	161	216	152	62	35	6	5 671	63.7
Service workers, except private household	2 110	537	317	260	271	307	130	178	105	5	4 773	58.4
	25 136	5 215	3 008	3 207	4 195	3 697	2 479	2 143	1 024	168	5 271	66.7
Public administration												
Professional, technical, and kindred workers	108 542	5 807	4 434	2 802	5 129	9 071	13 800	31 115	26 736	9 648	8 850	85.4
Managers and administrators, except farm	16 136	484	481	245	344	571	733	2 335	6 112	4 831	12 352	89.0
Sales workers	11 846	275	209	192	331	494	942	2 497	4 551	2 355	11 080	90.8
Clerical and kindred workers	178	5	5	10	5	6	23	53	49	22	9 321	91.0
Craftsmen and kindred workers	28 415	1 633	1 355	697	1 275	3 292	5 594	9 480	4 327	762	8 076	84.2
Operatives, except transport	9 124	375	654	257	500	777	1 225	3 249	1 830	257	8 476	86.7
Transport equipment operatives	1 179	65	26	50	81	103	285	366	189	14	7 928	86.9
Laborers, except farm	2 141	87	107	72	263	456	498	501	141	16	7 172	84.8
Service workers, except private household	4 507	453	429	395	704	967	768	604	177	10	6 282	72.5
	35 016	2 430	1 168	884	1 626	2 405	3 732	12 030	9 360	1 381	8 875	84.3
Female experienced civilian labor force												
Agriculture, forestry, and fisheries												
Professional and managerial workers, except farm	3 713	1 694	916	350	309	142	103	148	29	20	2 350	47.8
Clerical and sales workers	197	44	18	-	28	14	16	53	14	10	6 607	54.3
Laborers, except farm	756	260	173	101	91	69	26	36	-	-	3 364	51.7
Other blue-collar workers	436	156	165	48	48	-	9	-	10	-	2 752	38.5
Farmers and farm managers	200	117	34	29	10	-	5	-	-	-	1 709	42.0
Form laborers and farm foremen	823	353	211	87	51	45	42	19	5	10	2 555	82.9
Service workers, except private household	1 184	720	285	77	54	14	5	29	-	-	1 644	22.5
	117	46	30	8	27	-	-	6	-	-	2 833	65.8
Mining												
Professional, technical, and kindred workers	636	79	82	104	101	88	75	69	28	10	5 525	73.6
Managers and administrators, except farm	20	-	-	-	-	10	10	-	-	-	...	...
Clerical and sales workers	29	-	-	7	-	6	-	5	6	5	...	...
Craftsmen and kindred workers	444	37	50	74	71	68	65	64	15	-	5 859	79.5
Operatives, except transport	5	-	-	-	-	-	-	-	-	-	...	...
Transport equipment operatives, and laborers, except farm	123	32	32	18	30	4	-	-	7	-	3 844	45.5
Service workers, except private household	5	5	-	-	-	-	-	-	-	-	...	...
	10	5	-	5	-	-	-	-	-	-	...	...
Construction												
Professional and managerial workers, except farm	8 610	1 488	1 716	1 147	1 300	1 000	781	549	429	200	4 960	62.3
Managers and administrators, except farm	219	38	23	10	10	22	30	29	24	33	7 217	62.1
Sales workers	376	10	25	7	21	22	50	81	108	52	9 309	86.2
Clerical and kindred workers	70	48	9	4	9	-	-	-	-	-	...	...
Craftsmen and kindred workers	6 482	1 159	1 425	965	1 048	823	569	314	131	48	4 681	64.9
Operatives, except transport	842	100	83	75	105	78	87	103	159	52	6 744	46.3
Transport equipment operatives	234	20	63	40	55	10	20	14	2	10	4 850	50.4
Laborers, except farm	34	4	5	4	18	-	-	-	3	-	...	...
Service workers, except private household	219	34	46	24	30	45	25	5	5	5	5 183	51.6
	134	75	37	18	4	-	-	-	-	-	1 787	33.6

Table 177. Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 and Sex: 1970—Continued

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

The State

Female experienced civilian labor force—
Continued

	Persons with earnings										Median earnings (dollars)	Percent worked 50 to 52 weeks
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more		
Entertainment and recreation services -----	6 438	2 847	1 382	629	510	280	299	192	209	90	2 538	38.6
Professional, technical, and kindred workers -----	1 489	640	308	96	136	45	61	62	90	51	2 679	23.9
Managers and administrators, except farm -----	446	53	111	58	33	46	45	18	57	25	5 030	73.3
Sales workers -----	311	220	62	20	4	—	—	—	—	5	1 414	28.0
Clerical and kindred workers -----	2 305	958	440	270	266	140	128	76	23	4	2 884	49.5
Craftsmen and kindred workers -----	29	—	9	—	—	8	5	7	—	—	...	...
Operatives, except transport -----	74	24	9	15	5	—	11	10	—	—	...	...
Transport equipment operatives -----	5	5	—	—	—	—	—	—	—	—	...	...
Laborers, except farm -----	50	46	—	4	—	—	—	—	—	—	...	...
Service workers, except private household -----	1 729	901	443	166	66	41	49	19	39	5	1 919	28.9
Professional and related services -----	271 548	64 850	54 709	32 332	27 012	23 687	20 977	24 988	20 514	2 479	4 502	42.1
Professional, technical, and kindred workers -----	132 965	23 338	20 485	9 280	8 641	13 700	15 939	21 436	18 388	1 758	6 346	31.6
Managers and administrators, except farm -----	5 575	978	725	382	455	475	429	627	1 042	462	6 521	61.0
Sales workers -----	733	342	181	67	18	48	30	24	9	14	2 271	45.8
Clerical and kindred workers -----	74 401	19 699	16 420	12 700	11 754	6 955	3 671	2 233	803	166	4 085	55.6
Craftsmen and kindred workers -----	957	228	207	142	138	72	62	67	33	8	4 306	53.0
Operatives, except transport -----	1 848	484	522	420	283	90	26	12	11	—	3 686	54.2
Transport equipment operatives -----	138	49	63	9	14	3	—	—	—	—	2 635	33.3
Laborers, except farm -----	409	120	128	100	40	12	—	6	—	3	3 320	45.5
Service workers, except private household -----	54 522	19 612	15 978	9 232	5 669	2 332	820	583	228	68	2 957	46.8
Public administration -----	36 739	6 876	5 789	5 799	6 034	5 709	3 713	3 281	1 338	200	5 150	66.9
Professional, technical, and kindred workers -----	3 051	286	334	166	286	376	401	618	513	71	7 193	72.7
Managers and administrators, except farm -----	2 095	228	181	161	213	272	234	495	250	61	6 972	81.7
Sales workers -----	64	17	10	19	—	5	9	—	4	—	...	...
Clerical and kindred workers -----	27 631	3 569	4 050	4 937	5 138	4 769	2 752	1 884	497	35	5 245	71.2
Craftsmen and kindred workers -----	187	8	28	14	20	11	50	30	26	—	7 250	78.1
Operatives, except transport -----	343	47	90	74	35	54	30	13	—	—	4 466	67.3
Transport equipment operatives -----	33	25	—	—	—	—	8	—	—	—	...	...
Laborers, except farm -----	218	49	40	11	32	38	22	26	—	—	5 281	62.4
Service workers, except private household -----	5 117	2 647	1 056	417	310	184	207	215	48	33	1 933	34.4

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

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

	Occupation of workers in 1965											Did not work in 1965 and work in 1965 not reported		
	Persons 25 years old and over	Total working	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Farmers and farm managers	Farm laborers and farm foremen		Service workers, except private household	Private household workers	Armed Forces in 1965
The State														
TOTAL														
Male														
Employed in 1970	1 899 948	1 513 219	228 516	181 975	115 863	109 089	326 154	271 539	67 848	8 062	5 469	106 646	690	58 502
Professional, technical, and kindred workers	1 540 901	1 371 516	215 925	168 008	108 063	98 463	295 295	244 941	57 931	6 346	4 574	91 268	466	43 013
Managers and administrators, except farm	209 267	187 526	13 985	13 213	15 697	7 241	10 622	3 450	1 440	48	110	2 689	—	8 943
Sales workers	118 012	106 360	3 322	3 226	7 836	2 497	3 126	3 093	1 400	32	52	2 886	—	4 295
Clerical and kindred workers	339 553	310 758	3 864	6 415	2 981	7 153	4 850	17 868	2 302	104	186	1 643	—	3 864
Craftsmen and kindred workers	284 223	251 398	1 808	3 211	2 387	4 407	247 309	17 558	6 696	837	332	4 997	52	5 305
Operatives, including transport	6 118	56 445	3 303	868	6 672	1 284	3 289	6 794	35 361	411	1 932	1 932	25	7 275
Laborers, except farm	4 585	3 552	43	40	51	19	83	37	56	239	102	102	40	1 852
Farm laborers and farm foremen	120 773	104 005	1 331	2 332	1 529	4 925	4 188	7 859	86	2 179	74	74	25	3 183
Private household workers	39 772	30 746	2 501	2 374	1 358	7 674	7 221	206	2 779	200	2 156	69	105	1 257
Armed Forces	15 182	11 870	3 359	1 925	1 069	3 222	201	183	85	695	12 871	85	119	11 004
Not in labor force	304 093	109 087	9 731	11 468	6 333	8 600	22 984	19 171	6 955	1 550	2 000	12 871	—	2 328
Female														
Employed in 1970	2 156 752	1 811 062	121 931	29 018	54 430	264 729	13 627	160 147	5 847	1 423	1 320	86 871	21 027	2 285
Professional, technical, and kindred workers	843 686	745 840	90 439	22 796	39 157	190 302	10 528	114 088	4 228	973	727	61 457	14 252	1 213
Managers and administrators, except farm	133 117	93 737	81 476	1 154	879	4 179	236	884	19	15	—	1 149	120	1 49
Sales workers	61 146	30 370	1 754	15 681	1 463	3 273	233	439	17	18	—	763	66	33
Clerical and kindred workers	296 995	209 749	3 925	3 691	5 128	174 917	896	5 844	174	18	—	1 190	206	23
Craftsmen and kindred workers	14 854	11 897	214	150	225	689	7 570	1 418	126	35	—	3 091	206	463
Operatives, including transport	172 762	120 821	761	363	1 488	2 070	1 125	100 881	209	209	176	2 346	784	9 873
Laborers, except farm	6 299	4 192	23	67	52	40	40	699	2 424	—	—	2 133	26	311
Farm laborers and farm foremen	1 006	745	—	—	50	68	14	23	—	514	27	66	23	—
Service workers, except private household	103 323	66 728	1 758	623	845	2 310	133	2 716	335	15	—	50 990	1 264	108
Private household workers	28 333	14 466	1 119	97	97	1 444	41	502	21	—	—	916	435	25
Armed Forces	48 547	24 483	1 366	501	1 069	5 197	527	11 180	324	—	69	2 279	21	24 103
Not in labor force	1 263 902	201 031	30 106	5 721	14 204	69 170	2 572	34 879	1 272	450	524	23 118	6 340	260
Negro														
Employed in 1970	161 457	110 466	6 263	2 918	1 773	6 129	15 429	35 220	14 345	254	1 448	14 756	323	6 821
Professional, technical, and kindred workers	123 296	96 436	5 610	2 622	1 558	5 564	13 911	31 256	11 895	198	1 100	12 604	270	4 391
Managers and administrators, except farm	8 684	6 404	4 886	184	22	268	180	74	52	24	—	103	—	553
Sales workers	3 274	3 716	309	1 720	104	128	258	330	69	—	—	172	—	132
Clerical and kindred workers	6 005	6 880	118	85	152	122	81	127	63	—	—	63	—	254
Craftsmen and kindred workers	20 634	16 880	48	133	71	4 034	254	729	472	—	59	245	30	533
Operatives, including transport	49 990	34 249	206	256	85	579	1 310	25 563	1 663	82	180	1 123	—	565
Laborers, except farm	15 405	11 070	73	41	55	117	353	1 267	7 314	15	145	3 399	—	1 382
Farm laborers and farm foremen	461	161	—	—	—	—	—	16	—	63	500	—	—	—
Service workers, except private household	18 451	14 716	240	134	96	116	353	1 304	980	38	90	10 051	25	24
Private household workers	4 421	2 889	81	114	44	77	463	1 315	828	—	63	445	9	278
Armed Forces	5 864	4 428	54	123	54	123	111	111	66	56	—	1 707	44	1 869
Not in labor force	29 501	9 527	232	128	171	365	1 055	2 538	1 566	—	285	—	—	3 399
Female														
Employed in 1970	197 712	89 914	8 011	907	1 916	11 480	1 378	96 136	1 378	55	583	15 994	13 253	470
Professional, technical, and kindred workers	100 170	67 346	6 985	719	1 323	9 639	892	19 038	905	15	266	11 992	9 442	253
Managers and administrators, except farm	10 646	7 475	6 080	417	26	318	40	95	—	—	—	117	27	22
Sales workers	1 320	1 001	175	421	96	218	—	35	—	—	—	35	—	319
Clerical and kindred workers	2 183	1 331	21	22	894	7 253	48	1 153	32	—	—	117	77	63
Craftsmen and kindred workers	17 811	11 343	246	96	175	619	226	1 216	86	—	—	610	—	205
Operatives, including transport	1 472	1 140	36	17	122	155	168	15 803	185	82	82	704	663	63
Laborers, except farm	29 390	20 235	39	67	172	44	—	74	534	—	—	40	—	77
Farm laborers and farm foremen	1 134	799	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household	443	205	—	—	—	—	—	—	—	—	—	—	—	—
Private household workers	21 504	14 228	414	49	51	279	17	869	136	15	144	9 694	861	66
Armed Forces	14 173	9 371	24	67	103	392	79	1 686	149	—	—	503	7 776	25
Not in labor force	93	3 300	34	30	6	30	—	—	—	—	—	487	265	3 243
Not in labor force	90 600	18 930	992	121	384	2 026	336	5 427	324	40	292	3 515	3 546	63

*Includes "Occupation not reported" not shown separately.

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

Occupation of workers in 1965

Persons 25 years old and over	Occupation of workers in 1965										Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported	
	Total working ¹	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Formers and farm managers	Farm laborers and farm foremen			Service workers, except private household	Private household workers
The State													
TOTAL—Continued													
Spanish Origin or Descent													
Male													
66 062	50 381	4 112	2 434	2 203	3 317	8 412	14 875	3 406	450	940	4 495	48	14 164
56 208	45 918	3 754	2 278	2 085	3 075	7 866	13 412	3 168	370	723	4 069	48	9 335
4 561	3 841	2 978	73	35	166	34	197	88	17	12	35	—	82
2 745	2 525	1 621	1 331	1 148	1 866	236	341	40	10	41	65	—	24
3 348	2 175	1 818	1 212	1 252	1 723	67	306	87	—	21	146	—	134
4 080	3 409	1 655	2 121	1 088	1 723	57	306	87	—	21	146	—	107
10 104	8 141	7 070	77	87	5 764	5	833	243	—	320	788	—	1 612
20 722	16 842	273	235	249	1 683	10	518	451	107	68	205	—	3 645
5 217	4 029	39	166	105	1 297	1	500	2 148	40	41	53	—	1 135
58	41	—	—	—	—	—	—	—	—	195	16	—	17
729	448	—	—	—	40	—	—	—	108	195	16	—	281
5 566	4 589	49	63	101	111	614	—	—	47	66	2 545	—	1 133
98	86	—	—	—	—	—	—	—	—	—	—	—	44
1 729	1 237	59	46	55	304	741	22	138	22	33	61	—	583
1 353	90	20	—	—	—	—	—	—	—	—	—	—	18
6 866	2 601	209	110	63	145	222	700	300	58	184	365	—	4 208
Female													
68 420	22 700	1 588	301	608	3 798	459	11 535	245	19	93	1 955	300	45 720
29 498	16 550	1 305	267	545	2 803	257	8 046	157	19	27	1 515	258	12 948
2 316	1 354	1 895	42	—	86	18	212	—	—	—	27	—	121
304	284	—	107	—	39	—	41	—	—	—	—	—	470
3 004	3 179	93	44	53	2 353	48	441	26	—	—	63	—	2 149
5 320	5 500	12	25	21	64	131	165	—	19	—	234	—	3 350
8 550	8 920	263	25	207	172	49	6 989	96	—	—	—	—	7 679
16 287	166	—	—	—	—	—	—	61	—	—	—	—	7 123
Formers and farm managers													
27	27	—	—	—	—	—	—	—	—	27	—	—	—
Farm laborers and farm foremen													
21	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household													
2 700	433	92	24	16	17	17	122	—	—	—	1 036	258	—
Private household workers													
3 390	1 491	20	—	—	106	110	995	88	—	20	61	—	1 899
Unemployed													
22	—	—	—	—	—	—	—	—	—	—	—	—	22
Armed Forces													
35 510	4 659	273	34	63	889	92	2 494	—	—	46	379	42	30 851
RESIDED SAME STATE 5 YEARS AGO													
Male													
1 648 739	1 371 897	183 718	159 315	101 175	98 596	305 591	256 689	63 963	7 224	4 318	98 574	578	28 925
1 339 410	1 048 897	183 177	146 728	94 445	89 268	276 830	231 632	54 607	5 631	3 586	85 071	394	24 059
212 915	174 075	160 785	6 096	3 358	4 621	4 724	3 028	532	37	110	2 708	—	15 085
176 361	162 955	104 479	116 885	70 952	5 956	9 437	4 605	1 248	94	23	2 798	—	4 336
102 382	98 170	2 696	1 901	70 952	2 053	2 928	2 728	900	45	16	1 783	—	4 850
187 885	167 530	3 103	5 526	2 017	66 788	4 436	6 562	2 256	241	145	1 233	—	2 987
308 687	292 113	3 411	4 828	2 017	3 179	234 501	16 442	6 064	—	228	4 582	—	5 482
253 579	224 405	1 343	2 530	1 933	3 703	13 337	184 489	34 446	169	432	3 764	—	4 401
59 355	52 454	1 237	683	507	1 091	2 776	6 239	34 344	—	182	1 748	—	5 851
Formers and farm managers													
5 799	5 267	22	86	51	19	83	37	56	4	239	71	—	514
3 841	3 213	43	41	41	155	155	296	86	277	2 019	49	—	18
108 116	97 418	1 058	2 153	1 351	1 858	4 453	7 206	2 631	102	192	70 011	—	8 793
Private household workers													
34 704	27 981	—	—	1 127	1 488	6 986	6 892	2 436	103	162	2 002	105	845
Unemployed													
3 827	3 577	85	59	45	17	—	—	—	—	—	21	—	5 878
Armed Forces													
270 798	100 476	8 402	10 402	5 558	7 823	21 689	18 120	6 650	1 490	570	11 920	79	1 439
Female													
1 891 077	735 770	102 910	25 939	50 899	238 632	12 723	152 821	5 518	1 268	1 032	79 257	18 897	1 301
748 603	545 387	79 640	20 700	37 446	178 366	10 039	109 535	4 019	1 268	588	57 506	13 075	770
111 762	82 580	72 324	852	733	3 676	2 4	4 018	19	15	—	769	105	29 122
27 350	22 205	1 487	14 503	3 500	2 951	195	546	54	18	—	595	48	60
55 708	36 225	3 327	28 216	4 835	2 172	2 949	5 509	174	35	—	974	20	4 614
270 127	196 829	3 220	3 261	4 835	164 987	7 797	5 209	593	18	18	2 726	185	19 462
13 538	11 317	1 173	150	186	641	7 370	1 359	108	25	—	2 464	285	21 281
152 258	114 924	527	1 198	1 198	1 694	1 030	97 421	504	86	83	2 464	701	37 101
5 421	3 921	23	67	52	185	40	669	2 322	—	—	79	—	37 101
Formers and farm managers													
940	745	—	—	50	68	14	23	—	514	27	66	—	195
Farm laborers and farm foremen													
1 303	776	—	—	—	—	—	—	—	142	401	66	—	527
Service workers, except private household													
92 138	62 353	1 482	538	746	1 931	116	2 572	305	—	36	48 843	1 033	29 697
Private household workers													
42 226	22 404	1 090	387	972	4 703	439	10 746	285	—	69	1 960	335	5 044
Unemployed													
274	138	20	—	—	60	—	—	—	—	—	—	—	19 801
Armed Forces													
1 099 924	167 841	22 160	4 852	12 481	55 483	2 245	32 540	1 180	433	375	19 774	5 487	931 632

¹Includes "Occupation not reported" not shown separately.

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

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

Persons 25 years old and over	Occupation of workers in 1965										Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported	
	Total working ¹	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Formers and farm managers	Farm laborers and farm foremen			Service workers, except private household	Private household workers
RESIDED DIFFERENT STATE 5 YEARS AGO													
Male													
Employed in 1970	141 322	34 798	22 660	14 688	10 493	20 563	14 850	3 885	838	1 151	7 072	112	80 310
Professional, technical, and kindred workers	128 653	32 748	21 280	13 618	9 192	18 465	13 309	3 324	715	988	5 003	72	52 984
Managers and administrators, except farm	32 906	26 399	2 080	884	1 392	945	422	106	11	29	247	—	13 376
Sales workers	15 710	3 526	15 325	4 054	1 285	1 185	502	192	10	—	193	—	3 110
Clerical and kindred workers	18 645	8 878	761	389	4 365	4 114	624	246	41	41	310	—	2 938
Craftsmen and kindred workers	30 866	652	889	410	441	12 808	1 116	652	94	84	435	22	3 925
Operatives, including transport	30 644	465	681	454	704	1 827	9 036	699	239	405	840	25	10 775
Laborers, except farm	9 385	66	185	165	193	513	555	1 217	173	229	184	—	4 592
Formers and farm managers	319	—	20	—	—	—	—	—	61	160	31	—	246
Farm laborers and farm foremen	12 847	273	179	178	371	472	36	148	127	40	25	—	405
Service workers, except private household	5 068	447	248	231	216	686	329	143	63	38	8	—	492
Private household workers	11 355	474	66	64	305	117	161	113	—	—	—	—	1 870
Unemployed	33 295	1 329	1 066	775	777	1 295	1 051	305	60	125	951	40	23 795
Not in labor force													
Female													
Employed in 1970	265 795	19 091	3 079	3 531	26 117	904	7 326	329	155	288	7 614	2 130	189 449
Professional, technical, and kindred workers	250 083	10 799	2 096	1 711	11 936	4 899	4 553	198	138	139	3 931	1 171	54 627
Managers and administrators, except farm	2 325	9 152	302	146	113	22	140	21	—	—	388	15	10 109
Sales workers	3 020	267	1 178	113	342	38	21	—	—	—	108	18	755
Clerical and kindred workers	5 438	82	46	714	258	140	140	—	—	—	21	—	3 784
Craftsmen and kindred workers	26 868	705	430	293	9 930	99	315	19	—	—	565	21	13 770
Operatives, including transport	1 316	41	55	39	48	200	59	18	—	—	349	83	704
Laborers, except farm	20 878	234	55	290	376	95	3 460	29	123	93	54	—	14 530
Formers and farm managers	66	—	—	—	—	—	—	—	—	—	—	—	66
Farm laborers and farm foremen	11 990	276	85	97	379	17	194	30	15	46	—	—	209
Service workers, except private household	4 175	42	114	19	439	18	194	—	—	—	2147	23	7 395
Private household workers	6 391	276	—	97	484	88	434	39	—	—	319	100	2 698
Unemployed	6 273	—	—	—	—	—	—	—	—	—	—	—	4 302
Not in labor force	163 978	7 946	869	1 723	13 687	327	2 339	92	17	149	3 344	853	23 772

¹Includes "Occupation not reported" not shown separately.

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

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

The State	Years of school completed					
	Total	Elementary, 8 years or less	High school		College	
			1 to 3 years	4 years	1 to 3 years	4 years or more
TOTAL						
Male employed, 16 years old and over	1 787 048	347 381	384 187	552 471	200 721	302 288
Professional, technical, and kindred workers	295 037	5 911	13 079	52 153	51 020	172 874
Engineers	59 398	873	1 903	8 250	10 491	37 881
Lawyers and judges	10 882	74	25	359	613	9 811
Life and physical scientists	11 551	173	298	1 032	1 005	9 043
Physicians, dentists, and related practitioners	19 055	107	59	407	933	17 549
Health workers, except practitioners	3 569	102	240	1 040	928	1 259
Social and recreation workers	3 736	109	183	468	557	2 419
Teachers	40 514	280	746	1 947	3 295	34 246
Technicians, except health	37 635	1 399	3 425	18 236	10 568	4 007
Writers, artists, and entertainers	22 644	981	2 111	6 694	5 362	7 496
Other professional, technical, and kindred workers	86 053	1 613	4 089	13 720	17 268	49 163
Managers and administrators, except farm	218 710	17 021	27 402	65 982	39 267	69 038
Salaried	195 419	11 969	22 490	58 248	36 195	66 517
Manufacturing	57 197	2 397	4 955	13 805	11 214	24 826
Retail trade	35 998	3 015	6 199	14 424	6 480	5 880
All other industries	102 284	6 557	11 336	30 019	18 501	35 811
Self-employed	23 291	5 052	4 912	7 734	3 072	2 521
Retail trade	11 341	2 735	2 487	4 063	1 234	822
All other industries	11 950	2 317	2 425	3 671	1 838	1 699
Sales workers	137 522	11 703	23 230	45 075	28 114	29 400
Manufacturing and wholesale trade	48 248	3 164	6 386	14 721	10 874	13 103
Retail trade	50 120	6 905	12 954	17 976	8 599	3 686
All other industries	39 154	1 634	3 890	12 378	8 641	12 611
Clerical and kindred workers	159 568	17 796	34 570	67 472	25 794	13 936
Bookkeepers and billing clerks	14 474	1 158	1 738	6 099	3 295	2 184
Mail handlers and postal clerks	21 610	1 556	5 234	11 625	2 746	4 449
Other clerical and kindred workers	123 484	15 082	27 598	49 748	19 753	11 303
Craftsmen and kindred workers	375 412	91 471	101 583	148 795	24 596	8 967
Carpenters	26 818	7 928	9 709	9 709	1 372	258
Construction craftsmen, except carpenters	69 820	20 009	20 175	25 498	3 512	626
Automobile mechanics, including body repairmen	32 838	8 856	10 388	11 956	1 436	202
Mechanics and repairmen, except auto	53 069	11 238	14 095	22 875	4 237	624
Machinists	14 082	3 386	4 041	5 774	726	155
Metal craftsmen, except mechanics and machinists	25 263	6 056	7 255	10 416	1 305	231
Foremen, n.e.c.	58 366	10 300	13 934	23 185	6 266	4 681
Other craftsmen and kindred workers	95 156	23 698	24 144	39 382	5 742	2 190
Operatives, except transport	232 878	79 460	69 417	71 012	10 519	2 470
Assemblers	15 687	4 592	4 646	5 624	669	156
Garage workers and gas station attendants	10 287	1 741	5 062	2 489	953	42
Laundry and drycleaning operatives, including ironers	5 591	2 768	1 497	1 054	227	45
Precision machine operatives	12 348	3 730	3 660	4 399	463	96
Other operatives, except transport	188 965	66 629	54 552	57 446	8 207	2 131
Durable goods, manufacturing	77 461	27 176	22 144	24 021	3 346	774
Nondurable goods, including not specified manufacturing	72 991	27 032	20 658	21 645	2 805	851
Nonmanufacturing industries	38 513	12 421	11 750	11 780	2 056	506
Transport equipment operatives	105 379	33 130	36 215	30 390	4 743	901
Truck drivers	47 852	16 078	17 055	12 946	1 522	251
Other transport equipment operatives	57 527	17 052	19 160	17 444	3 221	650
Laborers, except farm	100 706	36 355	33 756	23 807	5 679	1 109
Construction laborers	17 249	7 808	4 333	4 175	789	144
Freight, stock, and material handlers	46 496	12 448	18 455	11 942	3 284	367
Other laborers, except farm	36 961	16 099	10 968	7 690	1 606	598
Manufacturing industries	10 652	4 682	3 170	2 382	282	136
Farmers and farm managers	6 397	2 272	1 182	2 236	361	346
Farm laborers and farm foremen	6 566	2 807	1 965	1 355	345	94
Service workers, except private household ¹	147 987	49 019	41 509	44 057	10 259	3 143
Cleaning service workers	42 987	20 492	12 269	8 233	1 603	390
Food service workers	33 116	9 902	12 304	7 882	2 511	517
Health service workers	3 087	731	970	873	372	141
Personal service workers	14 106	4 643	4 049	4 085	1 087	242
Protective service workers	42 418	7 820	8 801	19 995	4 255	1 547
Private household workers	886	436	279	137	24	10
Female employed, 16 years old and over	1 071 919	170 521	226 186	452 273	114 241	108 698
Professional, technical, and kindred workers	164 312	3 025	7 072	31 483	36 062	86 670
Registered nurses	30 293	565	1 371	11 055	12 801	4 501
Health workers, except nurses	10 100	369	544	2 959	2 370	3 858
Teachers, elementary and secondary schools	66 980	385	602	2 516	9 451	54 026
Technicians, except health	5 019	315	730	2 311	1 049	614
Other professional, technical, and kindred workers	51 920	1 391	3 825	12 642	10 391	23 671
Managers and administrators, except farm	32 745	3 004	4 705	14 937	5 007	5 092
Salaried	28 513	2 079	3 866	13 249	4 498	4 821
Self-employed	4 232	925	839	1 688	509	271
Sales workers	81 245	11 166	25 173	34 023	8 277	2 606
Retail trade	67 240	9 880	22 499	27 390	6 130	1 341
Clerical and kindred workers	417 992	20 949	73 094	262 322	50 731	10 896
Bookkeepers and cashiers	72 990	4 548	17 986	41 724	7 330	1 402
Office machine operators	18 824	798	3 135	13 169	1 516	206
Secretaries, stenographers, and typists	168 163	3 979	16 876	117 197	25 832	4 279
Other clerical and kindred workers	158 015	11 624	35 097	90 232	16 053	5 009
Craftsmen and kindred workers	16 430	4 427	4 317	6 148	1 051	487
Operatives, except transport	186 184	78 147	57 108	46 670	3 290	969
Sewers and stitchers	39 751	23 054	9 791	6 225	491	190
Laundry and drycleaning operatives, including ironers	7 009	3 528	2 206	1 184	81	10
Other operatives, except transport	139 424	51 565	45 111	39 261	2 718	769
Durable goods, manufacturing	67 257	21 845	22 958	20 763	1 351	340
Nondurable goods, including not specified manufacturing	54 809	23 857	16 463	13 461	734	294
Nonmanufacturing industries	17 358	5 863	5 690	5 037	633	135
Transport equipment operatives	5 518	792	1 866	2 580	225	55
Laborers, except farm	8 154	2 678	2 603	2 467	300	106
Farmers and farm managers	1 026	338	190	370	30	58
Farm laborers and farm foremen	1 606	477	489	490	93	57
Service workers, except private household ¹	131 487	32 074	43 033	46 281	8 559	1 540
Cleaning service workers	14 071	7 371	4 083	2 289	232	96
Food service workers	49 355	11 589	19 764	15 121	2 628	253
Health service workers	29 179	4 249	8 265	12 879	3 358	428
Practical nurses	6 214	624	1 185	3 222	1 120	63
Personal service workers	20 969	3 583	5 483	9 856	1 589	458
Protective service workers	4 465	856	1 465	1 830	261	53
Private household workers	25 220	13 444	6 536	4 502	576	162

¹Includes allocated cases not shown separately.

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

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

The State	Total	Years of school completed				
		Elementary, 8 years or less	High school		College	
			1 to 3 years	4 years	1 to 3 years	4 years or more
NEGRO						
Male employed, 16 years old and over	145 807	43 858	42 589	42 886	9 733	6 741
Professional, technical, and kindred workers	9 690	399	877	2 237	2 040	4 137
Engineers	714	69	61	129	167	288
Lawyers and judges	85	—	—	—	—	72
Life and physical scientists	507	12	31	70	47	347
Physicians, dentists, and related practitioners	373	—	5	23	5	340
Health workers, except practitioners	519	35	40	191	95	158
Social and recreation workers	622	21	43	120	149	289
Teachers	1 617	32	34	115	211	1 225
Technicians, except health	1 366	78	199	636	355	98
Writers, artists, and entertainers	581	17	92	256	137	79
Other professional, technical, and kindred workers	3 306	135	372	684	874	1 241
Managers and administrators, except farm	4 630	590	891	1 530	729	890
Salaried	4 015	372	748	1 370	647	878
Manufacturing	449	22	102	149	91	85
Retail trade	1 045	92	278	459	153	63
All other industries	2 521	258	368	762	403	730
Self-employed	615	218	143	160	82	12
Retail trade	269	92	74	84	19	—
All other industries	346	126	69	76	63	12
Sales workers	3 791	451	842	1 498	745	255
Manufacturing and wholesale trade	916	97	213	336	179	91
Retail trade	2 045	334	517	789	335	70
All other industries	830	20	112	373	231	94
Clerical and kindred workers	12 471	1 374	3 375	5 563	1 686	473
Bookkeepers and billing clerks	516	50	77	239	101	49
Mail handlers and postal clerks	2 577	167	591	1 353	409	57
Other clerical and kindred workers	9 378	1 157	2 707	3 971	1 176	367
Craftsmen and kindred workers	23 149	6 917	7 181	7 468	1 212	371
Carpenters	1 080	359	348	329	31	13
Construction craftsmen, except carpenters	4 036	1 502	1 237	1 019	223	55
Automobile mechanics, including body repairmen	3 081	1 069	1 002	926	79	5
Mechanics and repairmen, except auto	2 565	572	733	1 027	218	15
Machinists	811	188	239	330	44	10
Metal craftsmen, except mechanics and machinists	1 126	329	367	391	35	4
Foremen, n.e.c.	2 821	574	833	997	266	151
Other craftsmen and kindred workers	7 629	2 324	2 422	2 449	316	118
Operatives, except transport	33 438	10 351	10 997	10 771	1 156	163
Assemblers	2 286	432	814	937	83	20
Garage workers and gas station attendants	730	243	281	192	14	—
Laundry and drycleaning operatives, including ironers	1 333	539	408	343	35	8
Precision machine operatives	921	260	302	339	15	5
Other operatives, except transport	28 168	8 877	9 192	8 960	1 009	130
Durable goods, manufacturing	12 075	3 613	3 805	4 105	498	54
Nondurable goods, including not specified manufacturing	11 449	3 586	3 930	3 541	344	48
Nonmanufacturing industries	4 644	1 678	1 457	1 314	167	28
Transport equipment operatives	16 448	5 720	5 831	4 322	519	56
Truck drivers	8 155	2 868	3 096	1 973	209	9
Other transport equipment operatives	8 293	2 852	2 735	2 349	310	47
Laborers, except farm	19 006	8 670	5 774	3 815	559	188
Construction laborers	3 820	2 172	933	623	68	24
Freight, stock, and material handlers	6 824	2 296	2 434	1 772	272	50
Other laborers, except farm	8 362	4 202	2 407	1 420	219	114
Manufacturing industries	2 504	908	901	595	63	37
Farmers and farm managers	406	202	83	81	20	20
Farm laborers and farm foremen	1 044	606	268	155	15	—
Service workers, except private household ¹	21 339	8 348	6 375	5 378	1 050	188
Cleaning service workers	8 327	4 113	2 509	1 466	199	40
Food service workers	3 894	1 231	1 446	1 055	143	19
Health service workers	1 269	285	421	454	86	23
Personal service workers	1 443	450	428	422	119	24
Protective service workers	3 016	610	655	1 273	411	67
Private household workers	395	230	95	68	2	—
Female employed, 16 years old and over	124 567	26 026	35 153	47 315	9 267	6 806
Professional, technical, and kindred workers	12 938	485	1 295	3 130	2 450	5 578
Registered nurses	2 669	139	369	1 155	666	340
Health workers, except nurses	1 088	74	177	482	183	172
Teachers, elementary and secondary schools	4 487	62	143	299	613	3 370
Technicians, except health	335	19	24	174	81	37
Other professional, technical, and kindred workers	4 359	191	582	1 020	907	1 659
Managers and administrators, except farm	1 542	141	287	618	262	234
Salaried	1 385	103	237	584	227	234
Self-employed	157	38	50	34	35	—
Sales workers	3 423	340	1 226	1 476	298	83
Retail trade	2 963	309	1 123	1 232	252	47
Clerical and kindred workers	30 041	1 211	6 231	17 999	4 084	516
Bookkeepers and cashiers	3 411	125	902	1 923	432	29
Office machine operators	2 089	38	300	1 498	244	9
Secretaries, stenographers, and typists	8 450	200	1 104	5 497	1 500	149
Other clerical and kindred workers	16 091	848	3 925	9 081	1 908	329
Craftsmen and kindred workers	1 796	415	452	760	122	47
Operatives, except transport	32 941	8 026	12 073	11 934	792	116
Sewers and stitchers	3 516	960	1 253	1 193	87	23
Laundry and drycleaning operatives, including ironers	3 415	1 500	1 223	665	27	—
Other operatives, except transport	26 010	5 566	9 597	10 076	678	93
Durable goods, manufacturing	13 865	2 247	5 135	5 987	445	51
Nondurable goods, including not specified manufacturing	9 205	2 585	3 383	3 082	132	23
Nonmanufacturing industries	2 940	734	1 079	1 007	101	19
Transport equipment operatives	473	71	198	192	12	—
Laborers, except farm	1 372	503	444	405	20	—
Farmers and farm managers	221	49	71	82	19	—
Farm laborers and farm foremen	463	158	158	132	19	8
Service workers, except private household ¹	24 300	5 983	8 941	8 170	999	207
Cleaning service workers	4 103	1 857	1 483	691	51	21
Food service workers	3 894	983	1 725	1 018	139	29
Health service workers	9 370	1 487	3 349	3 957	537	40
Practical nurses	1 816	162	452	986	211	5
Personal service workers	2 658	516	891	1 084	124	43
Protective service workers	494	55	139	251	45	4
Private household workers	15 057	8 656	3 777	2 417	190	17

¹Includes allocated cases not shown separately.

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

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

The State	Total	Years of school completed				
		Elementary, 8 years or less	High school		College	
			1 to 3 years	4 years	1 to 3 years	4 years or more
PERSONS OF PUERTO RICAN BIRTH OR PARENTAGE						
Male employed, 16 years old and over	27 741	14 480	6 875	4 762	1 004	620
Professional, technical, and kindred workers	1 018	92	148	239	191	348
Engineers	139	11	—	15	20	93
Lawyers and judges	13	—	—	5	—	8
Life and physical scientists	29	16	—	—	3	10
Physicians, dentists, and related practitioners	58	—	—	6	—	52
Health workers, except practitioners	43	—	5	23	15	7
Social and recreation workers	60	—	15	15	23	7
Teachers	82	9	13	8	11	50
Technicians, except health	78	—	16	32	21	—
Writers, artists, and entertainers	102	12	31	45	14	—
Other professional, technical, and kindred workers	414	44	68	90	84	128
Managers and administrators, except farm	967	262	162	269	146	128
Salaried	771	155	123	242	129	122
Self-employed	196	107	39	27	17	6
Manufacturing	96	23	20	18	18	17
Retail trade	210	65	48	76	13	8
All other industries	465	67	55	148	98	97
Sales workers	761	246	232	135	97	51
Manufacturing and wholesale trade	183	33	82	25	23	20
Retail trade	438	199	108	80	40	11
All other industries	140	14	42	30	34	20
Clerical and kindred workers	1 610	436	476	552	133	13
Bookkeepers and billing clerks	84	21	16	28	19	—
Mail handlers and postal clerks	157	14	87	28	21	7
Other clerical and kindred workers	1 369	401	373	496	93	6
Craftsmen and kindred workers	4 407	2 179	1 126	935	155	12
Carpenters	201	94	48	32	27	—
Construction craftsmen, except carpenters	513	288	99	111	15	—
Automobile mechanics, including body repairmen	508	297	139	66	6	—
Mechanics and repairmen, except auto	671	254	249	133	35	—
Machinists	205	101	49	50	5	—
Metal craftsmen, except mechanics and machinists	173	44	47	74	8	—
Foremen, n.e.c.	702	275	186	189	40	12
Other craftsmen and kindred workers	1 434	826	309	280	19	—
Operatives, except transport	10 284	6 126	2 474	1 523	142	19
Assemblers	817	438	197	165	17	—
Garage workers and gas station attendants	117	38	32	47	—	—
Laundry and drycleaning operatives, including ironers	362	272	85	5	—	—
Precision machine operatives	351	211	93	47	—	—
Other operatives, except transport	8 637	5 167	2 067	1 259	125	19
Durable goods, manufacturing	3 917	2 308	1 045	512	38	14
Nondurable goods, including not specified manufacturing	3 941	2 394	869	633	—	—
Nonmanufacturing industries	779	465	153	114	42	5
Transport equipment operatives	1 740	902	492	305	3	8
Truck drivers	734	397	209	119	9	—
Other transport equipment operatives	1 006	505	283	186	24	8
Laborers, except farm	2 994	1 818	796	339	28	13
Construction laborers	313	213	79	14	7	—
Freight, stock, and material handlers	1 200	581	377	221	21	—
Other laborers, except farm	1 481	1 024	340	104	—	13
Manufacturing industries	780	525	195	54	—	6
Farmers and farm managers	6	—	6	—	—	—
Farm laborers and farm foremen	672	459	115	91	—	7
Service workers, except private household ¹	3 282	1 960	848	374	79	21
Cleaning service workers	923	574	272	57	14	6
Food service workers	1 493	938	381	129	37	8
Health service workers	100	48	34	18	—	—
Personal service workers	240	118	80	36	6	—
Protective service workers	213	46	39	99	22	7
Private household workers	—	—	—	—	—	—
Female employed, 16 years old and over	12 698	5 528	3 140	3 171	608	351
Professional, technical, and kindred workers	620	31	96	104	205	184
Registered nurses	94	—	4	44	40	6
Health workers, except nurses	50	—	—	11	22	17
Teachers, elementary and secondary schools	124	—	17	—	21	86
Technicians, except health	18	—	5	6	7	—
Other professional, technical, and kindred workers	334	31	70	43	115	75
Managers and administrators, except farm	1 78	46	7	85	18	22
Salaried	152	35	—	77	18	22
Self-employed	26	11	7	8	—	—
Sales workers	571	140	254	146	22	9
Retail trade	534	133	235	140	17	9
Clerical and kindred workers	2 340	249	444	1 457	184	6
Bookkeepers and cashiers	326	27	98	152	49	—
Office machine operators	83	—	10	73	—	—
Secretaries, stenographers, and typists	896	21	93	707	69	6
Other clerical and kindred workers	1 035	201	243	525	66	—
Craftsmen and kindred workers	297	200	27	70	—	—
Operatives, except transport	7 127	4 191	1 826	978	119	13
Sewers and stitchers	1 918	1 141	462	294	14	7
Laundry and drycleaning operatives, including ironers	196	94	67	35	—	—
Other operatives, except transport	5 013	2 956	1 297	649	105	6
Durable goods, manufacturing	2 313	1 298	437	319	53	6
Nondurable goods, including not specified manufacturing	2 350	1 495	521	290	44	—
Nonmanufacturing industries	350	163	139	40	8	—
Transport equipment operatives	43	—	27	7	9	—
Laborers, except farm	211	140	48	23	—	—
Farmers and farm managers	—	—	—	—	—	—
Farm laborers and farm foremen	28	20	8	—	—	—
Service workers, except private household ¹	1 161	419	373	301	51	17
Cleaning service workers	156	103	43	10	—	—
Food service workers	247	97	100	75	15	—
Health service workers	179	24	67	74	5	9
Practical nurses	35	7	5	18	5	—
Personal service workers	348	44	105	168	31	—
Protective service workers	7	—	—	7	—	—
Private household workers	122	92	30	—	—	—

¹Includes allocated cases not shown separately.

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
THE STATE—Continued											
Total employed—Continued											
Transport equipment operatives	110 897	440	460	4 914	456	2 071	440	615	1 446	867	893
Deliverymen and routemen	25 301	91	37	223	84	184	29	41	140	150	87
Truck drivers	48 397	275	381	4 042	237	930	245	166	580	337	375
Other transport equipment operatives	37 199	74	42	649	125	957	175	408	726	380	431
Labors, except farm	108 860	5 110	209	18 491	672	1 884	869	691	1 736	1 220	1 971
Freight, stock, and material handlers	50 951	41	143	427	355	977	244	172	843	651	1 252
Other specific laborers	43 031	4 965	28	18 028	427	1 145	133	67	197	139	157
Miscellaneous laborers	4 133	61	—	—	13	114	136	105	224	132	97
Not specified laborers	10 745	43	38	36	139	566	356	317	472	298	405
Farm workers	15 595	15 595	—	—	—	—	—	—	—	—	—
Service workers, including private household	305 580	300	78	1 191	209	791	437	561	814	897	2 471
Cleaning service workers	57 058	92	21	653	180	540	314	310	516	664	1 283
Personal service workers	35 075	23	5	85	5	13	5	16	12	25	164
Guards and watchmen	13 638	34	47	182	89	89	83	184	137	120	567
Other service workers, including private household	199 809	151	5	271	19	149	35	51	148	88	397
Female employed	1 071 919	4 524	621	8 777	2 715	9 610	1 278	2 909	11 088	12 850	47 947
Professional, technical, and kindred workers	164 312	125	15	219	23	354	78	152	284	488	1 831
Accountants	4 369	6	10	44	5	48	35	26	45	79	251
Computer specialists	2 384	5	—	5	—	8	6	—	31	104	192
Life and physical scientists	1 793	—	—	—	—	16	—	—	3	6	32
Registered nurses, dietitians, and therapists	32 863	9	—	5	—	47	13	22	52	39	126
Social scientists	8 843	—	—	—	—	—	—	—	6	4	11
Writers, artists, and entertainers	8 297	47	—	55	—	102	—	5	23	30	115
Other professional, technical, and kindred workers	113 763	58	5	105	13	133	24	66	122	227	1 072
Managers and administrators, except farm	39 745	77	29	391	67	85	25	26	192	254	382
Salaried	28 513	26	29	350	57	85	25	26	192	254	382
Self-employed	4 232	51	—	41	10	—	—	—	—	—	—
Sales workers	81 245	94	—	94	43	83	19	26	59	73	83
Clerical and kindred workers	417 992	817	435	6 656	1 072	2 542	832	1 359	4 435	7 195	14 020
Bookkeepers	48 373	219	57	1 642	276	384	91	164	759	954	1 421
Cashiers	24 617	11	—	21	4	10	6	—	11	36	91
Counter clerks, except food	5 481	4	—	5	—	26	6	—	24	36	169
File clerks	14 502	4	—	108	23	75	16	52	163	222	682
Office machine operators	18 824	4	—	51	5	125	38	87	228	431	1 036
Bookkeeping and billing machine operators	2 948	—	—	17	—	45	—	10	67	22	69
Receptionists	9 348	—	—	135	3	101	5	4	101	151	154
Secretaries	117 137	280	210	3 083	328	971	317	577	1 647	3 085	5 120
Stenographers	46 934	—	—	485	5	28	23	5	43	47	84
Typists	128 684	14	5	1 041	141	252	152	179	559	1 028	2 014
Other clerical and kindred workers	16 430	19	5	808	112	188	99	63	346	438	1 265
Foremen, n.e.c.	5 879	5	5	21	25	85	5	11	92	146	507
Operatives, except transport	186 184	187	122	244	1 336	6 016	1 84	1 221	5 495	4 239	29 370
Assemblers	21 017	26	—	21	268	353	19	210	969	1 453	9 519
Checkers, examiners, and inspectors; manufacturing	17 243	—	—	—	83	2 184	19	231	815	5 547	815
Packers and wrappers, except meat and produce	21 123	103	—	5	148	1 577	13	86	599	205	963
Other operatives, except transport	126 801	58	122	218	837	1 902	132	694	3 112	1 838	13 341
Transport equipment operatives	5 518	—	5	28	3	9	9	25	25	5	17
Labors, except farm	8 154	461	—	215	25	201	4	26	190	79	518
Farm workers	2 632	2 632	—	—	—	—	—	—	—	—	—
Service workers, including private household	156 707	112	10	122	34	132	28	36	62	78	461
Cleaning service workers	14 071	27	—	68	21	48	20	11	26	41	151
Personal service workers	20 969	23	—	27	5	31	5	5	—	—	74
Other service workers, including private household	121 667	62	5	33	8	81	8	20	36	37	236

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
Total employed—Continued													
Transport equipment operatives	480	82	96	88	1 633	6 855	350	302	1 399	1 186	2 432	663	1 713
Deliverymen and roulemen	32	4	10	—	186	4 466	72	122	130	363	2 237	74	183
Truck drivers	124	32	47	40	1 311	1 507	168	131	581	416	851	276	471
Other transport equipment operatives	324	46	39	48	1 086	—	110	49	688	207	1 344	313	1 059
Laborers, except farm													
Freight, stock, and material handlers	432	143	251	176	2 557	2 520	628	727	1 018	916	2 539	1 459	2 690
Other specified laborers	263	78	72	95	784	1 417	422	551	750	695	2 195	83	591
Miscellaneous laborers	71	34	111	18	1 301	1 404	53	14	31	62	578	191	70
Not specified laborers	8	30	14	31	65	43	6	41	38	92	744	279	463
	90	21	54	32	407	656	147	121	199	124	—	—	—
Farm workers													
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	427	155	117	191	1 757	1 860	421	624	536	630	3 149	618	1 672
Personal service workers	275	109	50	75	754	942	309	371	377	461	1 944	446	518
Guards and watchmen	4	—	—	—	52	49	15	55	15	28	77	26	55
Other service workers, including private household	78	37	28	88	215	172	86	147	88	65	615	78	99
	70	9	37	28	736	677	11	51	56	76	513	68	1 000
Female employed													
Professional, technical, and kindred workers	2 477	1 834	570	1 920	29 568	12 198	9 634	51 527	7 002	21 953	32 204	9 287	23 793
Accountants	53	49	36	148	858	417	264	512	202	2 560	3 804	231	594
Computer specialists	9	21	10	43	39	39	35	44	49	123	198	27	66
Life and physical scientists	—	12	—	5	21	—	16	—	6	45	120	4	32
Registered nurses, dietitians, and therapists	10	—	—	5	—	37	4	4	7	6	1 005	5	9
Social scientists	5	—	—	4	—	4	—	—	—	11	193	16	21
Writers, artists, and entertainers	19	—	—	6	3	23	110	378	54	2 079	153	23	33
Other professional, technical, and kindred workers	10	16	21	73	604	230	99	77	86	285	2 095	151	423
Managers and administrators, except farm	42	36	5	41	342	258	146	354	128	693	561	68	200
Salaried	42	36	5	41	332	249	141	315	122	660	561	68	195
Self-employed	—	—	—	—	10	9	5	39	6	33	—	—	5
Sales workers													
Clerical and kindred workers	1 070	950	356	933	8 778	4 006	2 713	3 985	2 579	12 827	15 988	2 475	6 348
Bookkeepers	159	118	56	50	966	641	481	988	367	1 469	1 465	339	517
Cashiers	8	6	5	—	29	35	9	5	—	77	77	5	14
Counter clerks, except food	49	36	12	25	11	90	53	58	34	426	230	83	156
File clerks	87	86	13	58	297	172	126	188	191	833	531	187	265
Office machine operators	—	—	—	7	338	284	188	388	191	885	765	44	34
Bookkeeping and billing machine operators	18	9	3	31	85	34	34	38	24	169	232	70	70
Receptionists	380	398	134	379	1 044	1 413	66	55	882	2 640	7 125	985	1 576
Secretaries	9	6	4	33	2 608	38	6	6	10	21	21	10	75
stenographers	144	149	57	152	851	437	345	290	390	2 613	2 091	303	379
Other clerical and kindred workers	216	142	67	194	3 458	926	599	1 289	613	3 694	3 267	493	3 252
Foremen, n.e.c.	42	85	65	32	1 043	477	325	1 462	184	1 876	637	264	714
Operatives, except transport													
Assemblers	1 184	658	89	732	17 687	6 219	6 009	44 483	3 627	2 881	10 207	6 025	14 873
Checkers, samplers, and inspectors; manufacturing	175	167	28	188	3 292	171	31	112	207	190	1 736	543	561
Packers and wrappers, except meat and produce	52	4	11	10	1 136	339	478	1 522	322	343	1 199	1 021	731
Other operatives, except transport	591	361	50	346	11 739	3 430	358	498	1 964	1 850	3 758	993	500
Transport equipment operatives	7	—	—	—	22	2 279	5 142	41 911	—	—	3 514	3 468	13 078
Laborers, except farm	32	26	—	24	399	86	3	—	45	38	43	24	21
Farm workers													
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	33	16	14	10	240	225	26	132	51	106	453	46	409
Personal service workers	9	11	9	6	60	44	10	48	33	58	96	15	116
Other service workers, including private household	—	—	—	—	36	14	9	42	10	48	22	—	22
	24	5	5	4	144	167	7	42	8	43	309	31	271

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

THE STATE—Continued

Total employed—Continued

Occupation	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communi-cations	Utilities and sanitary services	Wholesale trade	Retail trade				Finance and real estate		
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade	Insurance	
Deliverymen and routemen	1 918	26 193	14 965	223	5 037	10 952	1 152	1 852	1 031	629	8 282	64	370
Truck drivers	18	2 234	116	127	64	4 308	819	1 327	558	438	4 709	21	63
Other transport equipment operatives	1 715	23 881	423	185	3 418	1 539	1 352	352	128	74	1 270	40	185
Laborers, except farm	957	7 302	4 193	154	5 796	7 036	2 282	10 790	805	189	5 286	90	1 599
Freight, stock, and material handlers	404	6 914	3 403	89	2 075	4 926	2 159	10 492	189	96	2 918	34	1 166
Other specified laborers	65	712	403	31	2 506	924	45	121	484	9	1 604	40	942
Miscellaneous laborers	360	31	65	5	2 728	464	3	5	4	5	232	1	208
Not specified laborers	108	255	189	29	487	712	75	172	128	79	452	16	213
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	647	589	2 884	634	1 481	1 443	4 436	2 091	409	58 513	8 977	963	6 306
Cleaning service workers	136	52	376	376	287	745	1 049	573	303	1 286	282	544	3 992
Personal service workers	85	21	1 092	48	53	94	401	51	7	7	26	65	904
Guards and watchmen	86	205	133	50	121	197	613	227	35	37	239	257	911
Other service workers, including private household	340	51	1 017	140	520	407	2 373	1 240	64	56 695	7 417	—	979
Female employed	1 054	5 743	10 912	21 706	6 978	29 972	50 813	29 421	5 311	38 612	66 919	30 550	50 554
Professional, technical, and kindred workers	39	137	330	886	263	596	761	180	93	148	1 110	1 124	1 105
Accountants	9	59	99	110	43	124	11	38	68	18	153	320	397
Computer specialists	—	6	66	170	19	6	5	4	4	4	43	283	166
Life and physical scientists	—	—	—	—	4	20	5	4	—	—	16	—	—
Registered nurses, dietitians, and therapists	—	—	—	39	11	3	32	15	5	6	14	72	15
Social scientists	—	—	—	—	9	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	7	9	27	11	27	3	9	11	—	—	234	18	23
Other professional, technical, and kindred workers	23	63	108	442	154	232	170	25	16	110	234	88	88
Managers and administrators, except farm	27	105	797	423	113	1 345	3 365	1 104	381	1 910	4 271	897	2 881
Managers and administrators, except farm	27	91	725	423	84	1 233	3 190	627	306	1 084	3 061	876	2 726
Self-employed	—	14	72	—	29	112	175	477	75	826	1 210	21	145
Sales workers	—	21	248	177	118	1 508	26 546	8 192	305	749	31 448	1 923	4 371
Clerical and kindred workers	813	4 848	4 815	19 446	5 513	21 634	15 630	14 281	4 056	3 487	20 122	25 750	40 279
Bookkeepers	71	749	539	703	574	4 623	1 833	1 419	1 831	736	4 894	1 949	5 083
Cashiers	9	29	233	107	99	213	4 695	10 461	137	2 043	2 709	1 118	287
Counter clerks, except food	—	14	278	114	21	422	348	78	113	9	507	2 480	1 251
File clerks	26	257	107	510	123	654	656	337	126	25	476	1 294	2 341
Office machine operators	69	250	188	716	246	1 193	629	337	196	95	1 066	55	856
Bookkeeping and billing machine operators	8	59	37	27	48	258	63	23	36	25	319	216	529
Receptionists	5	37	62	119	54	35	216	43	1 001	369	3 329	6 338	9 426
Secretaries	190	1 225	1 135	1 499	1 111	6 645	1 364	555	8	42	1 168	5 235	3 744
Stenographers	82	39	23	125	166	2 421	943	217	350	42	1 168	5 235	3 744
Typists	76	915	449	1 266	598	2 421	943	217	350	42	1 168	5 235	3 744
Other clerical and kindred workers	282	1 323	2 065	14 166	2 570	5 031	5 018	1 099	425	187	6 540	7 923	17 374
Craftsmen and kindred workers	34	46	62	396	135	467	515	246	109	98	1 241	236	142
Foremen, n.e.c.	5	24	9	169	18	214	337	82	6	58	92	146	91
Operatives, except transport	17	159	75	67	82	3 328	1 007	3 603	240	46	2 992	54	106
Assemblers	5	5	9	—	12	133	9	—	8	—	28	—	3
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and preparers, except meat and produce	12	82	31	5	12	1 612	514	849	12	21	278	5	13
Other operatives, except transport	—	72	35	48	58	1 363	484	2 734	220	25	2 686	49	90
Transport equipment operatives	32	280	3 508	—	433	112	79	61	36	28	147	6	36
Laborers, except farm	12	120	104	16	60	670	330	865	19	23	686	19	69
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	80	27	973	295	261	312	2 580	889	72	32 123	4 902	541	1 565
Cleaning service workers	19	15	47	113	69	101	162	87	40	271	264	261	951
Personal service workers	5	6	841	21	299	73	299	21	—	295	252	45	156
Other service workers, including private household	56	6	85	138	161	138	2 119	781	32	31 557	4 386	215	458

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

Detailed Characteristics	THE STATE										Public administration	
	Business services	Repair services	Hotels and lodging places	Other persons, including household	Entertain-ment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations		Other professional and related services
Total employed	69 305	41 772	13 846	82 678	18 927	80 203	52 506	140 777	54 066	36 621	86 078	146 609
Professional, technical, and kindred workers	18 672	1 832	474	2 230	4 498	32 762	23 742	94 373	32 881	14 775	47 187	19 206
Accountants	19	122	126	68	135	172	66	176	11	37	7 631	2 953
Architects	1	5	—	5	—	—	—	11	—	1	398	87
Computer specialists	2 698	128	—	10	14	105	11	89	215	29	772	385
Engineers	3 485	273	4	58	23	126	130	140	233	161	5 749	4 426
Engineers, civil	137	5	—	—	—	—	13	4	10	5	258	101
Engineers, electrical and electronic	85	14	—	4	—	15	17	33	12	10	1 783	732
Engineers, mechanical	1 398	68	—	13	10	43	—	79	79	40	493	1 493
Industrial engineers	687	14	4	22	—	44	4	14	10	47	859	716
Mechanical engineers	361	42	4	14	4	12	11	11	53	710	724	710
Other engineers	817	130	—	5	9	46	90	67	69	44	1 789	831
Mathematical specialists	203	13	—	—	—	5	32	46	46	13	219	139
Life and physical scientists	208	21	5	18	6	286	148	196	225	4	595	672
Chemists	178	21	5	12	6	119	66	75	75	4	382	191
Physicists	544	71	36	31	29	240	141	156	177	190	1 699	1 699
Personnel and labor relations workers	1 945	10	—	14	4	198	151	143	93	143	253	1 399
Social scientists	451	10	—	14	4	405	198	405	305	33	4 069	1 816
Engineering and science technicians	2 671	132	7	62	57	65	98	189	305	29	2 589	4 417
Draftsmen	758	33	4	45	—	21	141	14	46	5	764	1 764
Draftsmen, electrical and electronic engineering technicians	388	83	—	5	—	10	21	14	—	—	—	—
Industrial and mechanical engineering technicians	325	5	—	—	—	—	2	10	72	19	38	18
Technicians, except electrical engineering and science	214	37	—	51	16	3	33	77	—	—	—	—
Writers, artists, and entertainers	3 229	95	114	1 353	2 762	143	31	230	416	1 341	3 525	755
Other professional, technical, and kindred workers	1 816	927	182	560	1 452	31 419	22 983	92 669	30 998	12 554	22 761	4 714
Managers and administrators, except farm	7 434	3 290	1 897	4 445	2 274	1 890	7 475	6 481	3 267	3 954	2 981	13 892
Buyers, purchasing agents, and sales managers	656	160	59	108	75	125	24	70	140	55	201	650
Other managers and administrators	6 778	3 130	1 838	4 337	2 199	1 765	4 451	3 127	3 897	3 899	2 790	13 243
Salaried	6 146	2 742	1 324	2 791	1 927	1 754	1 860	6 411	3 022	3 899	2 576	13 243
Self-employed	632	567	514	1 595	272	11	160	6 411	105	23	204	—
Sales workers	3 337	912	92	1 271	532	118	84	92	272	414	729	232
Clerical and kindred workers	21 266	5 250	2 580	6 240	2 916	12 220	8 828	19 721	8 572	10 212	24 389	56 206
Bookkeepers	1 695	904	277	714	427	688	408	732	246	2 652	2 005	2 652
Cashiers	68	100	211	409	765	434	642	807	246	32	43	156
Estimators and investigators, n.e.c.	107	107	27	20	19	78	53	19	41	90	173	—
Office machine operators	2 506	190	27	54	50	306	318	318	166	252	1 267	1 419
Shipping and receiving clerks	383	101	34	100	35	56	13	19	39	39	62	223
Stock clerks and storekeepers	282	101	20	69	34	473	138	74	56	45	978	978
Other clerical and kindred workers	15 896	4 187	1 768	4 834	1 584	10 185	8 016	17 688	7 634	8 795	20 578	49 511
Craftsmen and kindred workers	4 585	21 909	486	2 606	1 517	2 148	1 695	1 677	985	1 438	1 648	8 438
Blacksmiths, forgemen, hammermen, and boilermakers	21	250	—	21	—	17	5	5	—	22	—	25
Bricklayers and stonemasons	5	40	—	8	—	58	48	25	5	107	64	64
Carpenters	153	5	102	22	121	177	48	211	151	188	87	458
Carpenters, derrickmen, and hoistmen	70	6	—	8	—	—	—	—	6	6	15	72
Electricians	173	109	53	10	102	249	10	130	72	167	37	597
Expanding, grading, and road machine operators	32	—	—	12	—	5	—	6	—	14	—	—
Foremen, n.e.c.	824	502	43	346	123	259	75	243	94	132	302	1 386
Mechanics and repairmen	1 294	18 101	38	346	516	255	71	232	169	312	2 861	2 861
Automobile, including body	113	10 752	—	39	—	41	11	49	34	5	—	—
Mechanics, job setters, and toolmakers	243	125	—	12	17	19	6	33	42	—	55	250
Metal craftsmen, except mechanics and machinists	101	57	61	6	6	32	21	6	21	42	29	183
Painters, construction and maintenance, and plasterers and paperhangers	128	132	39	48	82	336	21	190	114	100	12	305
Pipers and pipe fitters	194	27	39	11	5	52	6	133	54	160	24	251
Printing craftsmen	103	23	95	36	11	371	27	58	80	37	43	153
Stationary engineers and power station operators	1 124	2 532	55	1 808	511	170	1 426	281	126	132	679	1 123
Other craftsmen and kindred workers	3 502	3 144	309	10 819	444	1 655	444	519	295	404	1 014	1 522
Operatives, except transport	170	85	—	32	9	—	—	7	5	10	78	1 522
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	20	36	—	—	—	—	5	—	—	6	—	10
Filters, packers, sanders, and buffers	11	534	—	—	—	—	—	—	—	—	—	5
Precision machine operatives	15	128	—	13	—	—	—	18	4	9	32	30
Welders and fitters	60	698	—	5	26	—	—	374	20	48	39	110
Other specified operatives	1 945	1 213	276	10 514	340	1	335	187	187	267	678	735
Machine operatives, miscellaneous specified	288	66	12	16	5	28	13	13	3	14	73	197
Machine operatives, not specified	142	64	19	14	10	10	13	4	4	14	14	116
Miscellaneous operatives	790	269	21	86	45	52	29	103	66	24	24	173
Not specified operatives	61	51	—	—	—	21	13	—	6	12	46	36

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

Occupation	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
THE STATE—Continued												
Total employed—Continued												
Transport equipment operatives	750	1 359	89	2 480	154	243	140	261	112	151	226	2 174
Deliverymen and roustabouts	299	1 31	27	1 754	56	20	55	55	21	13	17	99
Truck drivers	276	465	16	283	60	39	55	65	28	68	61	1 400
Other transport equipment operatives	175	763	46	643	38	164	29	141	63	70	148	675
Laborers, except farm	914	1 655	189	1 929	1 288	582	278	561	368	378	367	4 607
Freight, stock, and material handlers	350	74	37	285	105	287	8	61	29	73	38	2 357
Other specified laborers	183	1 345	69	1 257	972	207	154	436	255	198	261	2 696
Miscellaneous laborers	47	155	12	56	47	6	59	3	11	22	11	99
Not specified laborers	304	81	71	331	164	62	—	61	73	85	57	455
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	8 845	2 020	7 728	50 458	5 304	28 605	15 877	17 092	7 324	5 150	7 537	40 331
Cleaning service workers	4 989	279	3 231	881	881	4 110	1 511	9 224	3 171	2 526	376	3 152
Personal service workers	249	168	1 528	20 249	2 225	915	553	1 268	1 209	1 345	139	686
Guards and watchmen	3 014	40	71	42	101	467	81	280	2 872	53	90	2 925
Other service workers, including private household	593	1 533	2 898	29 386	2 097	23 113	13 732	5 710	—	1 217	6 932	33 558
Female employed	25 836	6 253	7 029	54 928	6 325	61 578	34 337	90 148	33 253	18 706	39 489	39 206
Professional, technical, and kindred workers	3 225	289	141	793	1 479	26 799	10 159	61 498	20 241	5 584	10 937	3 087
Accountants	119	25	20	15	33	45	—	33	43	36	133	513
Computer specialists	509	29	—	—	8	45	—	35	53	10	67	67
Life and physical scientists	44	—	—	6	—	—	—	83	61	—	194	31
Registered nurses, dietitians, and therapists	126	15	17	312	5	20 762	7 325	2 296	469	211	113	311
Social scientists	46	—	—	7	—	97	91	179	38	—	58	51
Writers, artists, and entertainers	711	19	26	320	613	81	5	172	172	823	870	1 915
Other professional, technical, and kindred workers	670	201	78	133	820	5 659	2 643	58 752	19 405	4 432	9 076	1 915
Managers and administrators, except farm	976	159	486	897	447	760	659	1 534	1 364	896	484	2 122
Salaried	875	134	281	587	412	754	581	1 534	2 522	873	452	2 122
Self-employed	101	25	205	310	35	6	78	—	52	23	32	—
Sales workers	749	174	30	711	318	95	57	26	110	206	278	57
Clerical and kindred workers	17 148	4 210	1 824	5 503	2 241	11 033	8 543	18 154	7 339	9 142	21 896	27 944
Bookkeepers	311	673	251	398	352	537	600	638	336	1 567	1 567	1 942
Cashiers	54	117	11	384	622	411	—	774	232	32	28	110
Counter clerks, except food	109	81	339	1 978	67	33	—	53	25	19	4	16
File clerks	838	70	13	85	32	219	102	213	213	321	237	1 161
Office machine operators	80	15	5	20	37	244	55	264	86	215	1 076	250
Bookkeeping and billing machine operators	397	49	—	41	1 074	12	—	33	12	23	40	301
Receptionists	5 159	912	319	427	505	3 143	2 125	7 809	256	4 580	11 271	5 410
Secretaries	218	11	—	459	3 143	1 07	41	7 809	3 306	4 580	237	1 274
Stenographers	2 686	331	104	1 150	115	1 601	468	1 818	903	1 505	1 203	5 523
Other clerical and kindred workers	4 361	1 890	361	1 292	444	3 435	661	6 025	1 941	1 703	5 817	11 184
Craftsmen and kindred workers	388	297	25	283	29	133	265	224	128	60	158	164
Foremen, n.e.c.	146	17	—	85	9	80	29	55	35	37	40	76
Operatives, except transport	1 425	393	154	6 991	79	910	301	8	106	148	381	352
Assemblers	99	17	—	21	4	—	—	7	—	4	—	43
Checkers, examiners, and inspectors; manufacturing	548	16	—	155	20	25	—	5	32	15	20	27
Packers and wrappers, except meat and produce	778	360	154	6 815	55	885	255	68	74	129	303	282
Other operatives, except transport	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives	42	81	5	67	5	8	19	57	25	11	22	28
Laborers, except farm	122	100	34	300	50	219	51	19	22	53	60	219
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	1 761	550	4 330	39 383	1 677	21 631	14 283	8 556	3 978	2 596	5 273	5 233
Personal service workers	186	36	829	11 649	478	660	480	1 700	994	1 069	104	344
Other service workers, including private household	260	422	1 165	27 413	976	18 948	12 844	5 344	2 280	886	5 053	4 360

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

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

Total employed

Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing						Total
				Durable goods						
				Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical		Electrical machinery, equipment, and supplies
229 934	3 348	1 061	11 071	1 207	3 872	18 364	285	6 495	6 595	9 901
28 895	92	85	302	56	287	1 925	17	515	1 005	1 341
1 666	17	10	17	17	14	177	-	45	79	104
66	-	-	3	-	-	-	-	91	29	29
632	5	-	5	-	20	118	-	37	357	407
3 363	11	11	130	-	54	601	5	187	9	26
249	-	-	103	-	14	33	-	32	2	-
358	-	-	102	-	47	47	-	29	29	371
803	-	-	508	-	16	152	5	42	42	123
599	5	5	549	-	13	152	5	49	155	36
495	5	5	404	-	22	222	-	71	122	51
859	6	11	623	-	22	222	-	71	122	51
72	-	-	37	-	-	23	-	5	-	5
601	13	23	416	-	51	99	-	10	-	25
420	-	18	343	-	38	87	-	10	-	3
626	-	23	301	-	20	84	6	26	21	64
183	-	36	75	-	91	22	6	177	383	380
145	6	8	237	-	17	204	6	162	390	380
600	6	8	168	-	17	204	6	162	390	380
347	-	-	200	-	-	23	-	-	13	14
148	-	-	148	-	6	19	-	20	51	68
263	13	6	53	-	5	33	-	34	52	59
1 490	39	9	742	-	26	231	-	34	52	59
1 788	25	3	848	-	36	170	11	52	143	91
14 347	25	3	1 731	34	36	170	11	52	143	91
35 205	31	91	12 871	117	48	245	71	79	1 233	1 226
4 184	5	5	1 394	18	48	245	-	79	1 233	96
940	-	-	61	-	-	16	-	5	10	9
592	-	-	49	-	-	78	-	34	27	30
472	-	5	812	-	25	249	5	39	110	92
663	-	18	1 240	13	30	134	5	130	138	138
1 069	-	58	661	16	18	179	-	66	110	96
2 285	31	58	426	6	298	2 186	6	576	720	665
35 145	122	242	6 724	371	848	5 543	84	1 424	1 258	1 399
237	-	-	26	-	14	154	-	53	6	7
576	-	5	394	-	22	159	5	21	79	16
345	10	-	1 731	81	22	95	-	145	79	16
1 438	-	61	36	-	62	284	17	111	73	72
553	5	13	570	-	20	38	-	277	302	429
620	10	20	456	46	202	1 159	25	175	195	266
1 150	48	45	490	15	225	803	10	184	369	306
997	23	38	376	15	36	336	-	10	129	125
2 000	70	11	1 405	11	25	242	-	184	129	125
1 305	-	-	1 592	4	35	923	21	185	27	26
796	6	-	652	5	11	24	-	5	34	4
916	6	10	698	-	4	116	-	10	27	10
1 129	-	12	1 721	-	15	66	-	10	5	9
1 721	-	15	251	-	37	121	-	10	5	12
482	14	12	1 288	149	36	447	6	189	50	125
6 680	25	414	508	545	1 178	4 004	100	2 656	2 261	5 142
4 422	-	13	1 773	110	47	82	-	305	387	1 618
4 250	-	-	2 173	59	74	293	-	227	176	901
346	-	9	207	28	12	12	10	60	37	50
448	-	9	207	28	12	12	10	60	37	50
199	5	15	1 186	25	30	644	21	283	713	116
175	5	19	149	29	44	446	9	538	286	160
138	15	377	299	162	386	1 174	25	553	174	712
603	-	13	1 383	67	209	389	25	228	547	547
1 888	-	13	2 640	25	28	179	4	177	149	258
3 073	5	24	2 838	10	146	355	12	103	92	195

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							Total
					Durable goods							
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	Electrical, machinery, equipment, and supplies	
Total employed—Continued												
Transport equipment operatives	9 013	41	68	393	2 546	322	422	5	137	162	92	
Deliverymen and routemen	2 293	—	—	29	10	18	6	—	10	25	25	
Truck drivers	4 261	35	45	297	985	275	149	5	50	46	51	
Other transport equipment operatives	2 459	6	23	67	870	29	267	—	77	91	—	
Laborers, except farm	10 769	333	88	1 467	5 179	431	1 945	42	377	190	238	
Freight, stock and material handlers	3 841	—	42	17	1 768	21	281	—	100	17	140	
Other specified laborers	3 506	342	18	1 445	739	63	233	—	57	39	39	
Miscellaneous laborers	1 381	6	4	—	1 081	43	747	—	123	42	52	
Not specified laborers	2 041	5	24	5	1 591	250	684	42	89	84	—	
Farm workers	2 620	2 620	—	—	—	—	—	—	—	—	—	
Service workers, including private household	24 785	19	14	101	2 659	117	825	—	149	134	148	
Personal service workers	5 914	13	14	88	1 784	91	556	—	109	72	90	
Guards and watchmen	2 685	—	—	9	15	5	—	—	—	6	—	
Other service workers, including private household	15 244	6	—	20	394	6	114	—	22	34	40	
Female employed	87 255	370	68	560	36 796	451	1 495	17	1 073	594	4 447	
Professional, technical, and kindred workers	10 346	—	—	10	645	7	66	—	10	13	111	
Computer specialists	76	—	—	—	249	—	—	—	—	—	4	
Life and physical scientists	83	—	—	5	28	5	5	—	—	—	5	
Registered nurses, dietitians, and therapists	68	—	—	—	38	—	—	—	—	—	16	
Social scientists	2 797	—	—	—	52	—	20	—	—	4	6	
Writers, artists, and entertainers	38	—	—	—	—	—	—	—	—	—	—	
Other professional, technical, and kindred workers	6 668	—	—	5	180	2	36	—	10	—	5	
Managers and administrators, except farm	1 913	—	6	8	221	12	22	6	13	11	5	
Sales workers	1 415	—	6	4	203	12	22	6	13	11	5	
Self-employed	498	—	—	4	18	—	—	—	—	—	—	
Clerical and kindred workers	5 968	11	—	4	156	—	5	—	—	10	18	
Bookkeepers	23 435	18	41	387	6 920	267	1 159	6	371	493	675	
Cashiers	2 966	—	5	84	811	31	51	—	37	37	66	
Counter clerks, except food	1 572	—	—	—	34	—	—	—	—	5	9	
File clerks	648	—	—	—	76	5	6	—	—	3	3	
Office machine operators	1 095	—	—	9	310	108	157	—	3	16	41	
Bookkeeping and billing machine operators	1 150	—	—	—	552	21	157	—	24	43	71	
Receptionists	519	9	—	—	32	6	4	—	4	—	5	
Secretaries	6 938	4	15	200	1 957	28	208	6	121	204	258	
stenographers	308	—	11	—	108	4	53	—	11	4	4	
Typists	2 582	5	—	47	1 072	5	393	—	73	83	75	
Other clerical and kindred workers	6 619	—	10	42	1 948	15	174	—	97	87	142	
Craftsmen and kindred workers	1 639	—	5	67	1 200	17	48	—	48	3	49	
Foremen, n.e.c.	626	—	—	6	543	—	20	—	—	—	17	
Operatives, except transport	28 681	9	16	33	26 843	124	60	5	584	59	3 495	
Assemblers	2 125	—	—	7	2 089	12	—	—	123	20	1 323	
Checkers, examiners, and inspectors; manufacturing	1 503	—	—	—	1 503	29	10	—	95	—	693	
Packers and wrappers, except meat and produce	1 557	5	—	—	1 343	8	—	—	61	5	—	
Other operatives, except transport	23 496	4	16	26	21 908	75	45	5	305	34	1 398	
Transport equipment operatives	289	—	—	5	14	—	—	—	9	—	5	
Laborers, except farm	725	40	—	16	434	10	22	—	24	—	64	
Farm workers	282	282	—	—	—	—	—	—	—	—	—	
Service workers, including private household	13 977	10	—	30	363	14	113	—	14	5	25	
Personal service workers	1 785	4	—	19	197	5	10	—	10	5	11	
Other service workers, including private household	10 457	6	—	5	136	6	34	—	4	—	14	

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

	Manufacturing - Continued												
	Durable goods - Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
Total employed	4 493	38	27	229	5 591	4 508	5 247	20 836	2 925	4 516	3 599	1 260	3 722
Accountants.....	518	-	-	88	507	19	76	121	153	451	759	71	132
Architects.....	98	-	-	7	40	9	5	26	11	13	14	-	14
Computer specialists.....	32	-	-	-	21	19	-	5	15	18	13	-	6
Engineers.....	147	-	-	42	93	20	5	10	19	12	222	21	31
Chemical.....	-	-	-	9	-	-	-	-	-	-	145	-	-
Civil.....	-	-	-	-	11	5	-	-	-	-	4	-	-
Electrical and electronic.....	6	-	-	5	11	5	-	-	-	-	7	-	5
Industrial.....	61	-	-	17	19	5	5	10	13	5	7	-	10
Mechanical.....	65	-	-	11	23	6	-	-	6	-	42	-	16
Other engineers.....	15	-	-	-	40	4	-	-	-	7	-	-	5
Mathematical specialists.....	-	-	-	-	4	-	-	-	-	-	-	-	-
Life and physical scientists.....	-	-	-	5	37	13	7	-	21	5	132	-	5
Chemists.....	-	-	-	5	26	13	7	-	15	5	126	-	5
Personnel and labor relations workers.....	5	-	-	6	9	9	-	16	4	10	6	-	6
Social scientists.....	-	-	-	-	6	-	-	-	4	-	18	-	6
Engineering and science technicians.....	193	-	-	15	122	40	43	11	30	11	206	-	15
Draftsmen.....	173	-	-	6	26	6	11	11	7	6	36	-	6
Electrical and electronic engineering technicians.....	20	-	-	5	15	10	-	-	-	5	-	-	-
Industrial and mechanical engineering technicians.....	-	-	-	6	5	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science writers, artists, and entertainers.....	28	-	-	7	5	6	11	32	26	372	6	-	15
Other professional, technical, and kindred workers.....	15	-	-	-	170	13	5	21	21	10	64	-	35
Managers and administrators, except farm.....	181	6	-	-	215	179	30	73	39	403	77	16	169
Buyers, purchasing agents, and sales managers.....	69	-	-	-	38	24	-	4	84	231	250	-	58
Other managers and administrators.....	112	6	-	-	177	188	20	385	17	15	56	-	17
Salaried.....	112	6	-	-	155	182	26	353	20	185	195	-	135
Self-employed.....	37	-	5	-	22	10	8	55	64	154	185	-	131
Sales workers.....	739	17	5	48	754	396	598	1 127	397	1 117	640	77	384
Clerical and kindred workers.....	71	-	-	10	58	92	76	222	68	94	90	15	39
Bookkeepers.....	-	-	-	-	16	-	-	-	-	-	-	-	-
Cashiers.....	5	-	-	-	10	6	-	10	16	-	-	-	-
Estimators and investigators, n.e.c.....	75	-	-	-	59	23	10	-	6	55	42	-	7
Office machine operators.....	29	4	-	-	63	34	124	260	30	31	57	23	18
Shipping and receiving clerks.....	54	-	-	-	25	15	26	52	9	6	34	6	9
Stock clerks and storekeepers.....	505	13	5	38	523	237	272	544	178	923	417	24	287
Other clerical and kindred workers.....	793	10	-	21	844	694	614	1 260	484	1 609	519	189	386
Craftsmen and kindred workers.....	19	-	-	-	19	-	-	-	9	-	-	-	5
Blacksmiths, forgers, hammermen, and boilermakers.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Brickmasons and stonemasons.....	6	-	-	-	6	-	6	4	9	10	36	-	4
Carpenters.....	85	6	-	-	28	6	4	16	16	10	35	-	5
Cranemen, derrickmen, and hoistmen.....	-	-	-	-	26	-	-	-	-	-	-	-	-
Electricians.....	171	4	-	5	170	166	278	692	98	140	237	69	90
Excavating, grading, and road machine operators.....	236	-	-	-	103	224	235	154	230	42	118	76	11
Foremen, n.e.c.....	150	-	-	-	10	49	5	10	8	9	9	-	10
Mechanics and repairmen.....	108	-	-	10	44	22	14	15	5	16	-	24	10
Automobile, including body.....	96	-	-	-	41	4	-	5	24	-	-	-	-
Metal craftsmen, except mechanics and machinists.....	10	-	-	-	-	-	-	-	-	4	-	-	-
Painters, construction and maintenance, and plasterers and paperhangers.....	6	-	-	-	18	-	5	-	10	4	31	-	-
Plumbers and pipe fitters.....	4	-	-	-	20	11	43	14	69	1 363	10	5	13
Printing craftsmen.....	-	-	-	-	-	16	-	-	4	-	23	-	-
Stationary engineers and power station operators.....	52	-	-	6	412	148	21	358	9	24	25	5	248
Other craftsmen and kindred workers.....	1 790	5	10	37	2 513	1 676	3 399	17 274	1 501	536	983	695	2 234
Assemblers.....	872	-	-	4	382	67	123	403	56	18	27	39	138
Checkers, examiners, and inspectors; manufacturing.....	108	-	-	-	68	-	-	-	6	24	6	-	6
Filers, polishers, sanders, and buffers.....	10	-	-	-	65	7	-	4	5	2	11	7	5
Painters, manufactured articles.....	87	-	-	-	39	6	-	-	17	-	8	-	21
Precision machine operatives.....	213	-	-	-	43	5	23	-	11	-	45	-	16
Welders and flamcutters.....	210	-	-	-	18	-	-	-	11	-	8	-	8
Other specified operatives.....	126	-	5	20	1 299	858	3 237	14 385	375	135	290	115	1 732
Machine operatives, miscellaneous specified.....	41	-	-	-	358	419	-	659	502	107	264	113	126
Machine operatives, not specified.....	60	-	5	13	198	127	-	244	137	137	221	38	14
Miscellaneous operatives.....	40	5	-	-	150	122	-	610	113	91	51	38	58
Not specified operatives.....	23	-	-	-	113	76	-	1 181	42	22	46	30	53

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

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Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

	Manufacturing - Continued												
	Durable goods - Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscel. plastic products	Other nondurable goods not specified in manufacturing
Total employed - Continued													
Transport equipment operatives	142		7	5	140	614	58	43	92	48	131	45	59
Deliverymen and roulemen	9		7		38	467	6	9	12	27	22	14	14
Truck drivers	48			5	39	106	36	34	28	16	8	15	35
Other transport equipment operatives	85				63	41	16		52	5	48	16	24
Laborers, except farm	232			15	245	386	222	283	146	36	153	30	103
Freight, stock, and material handlers	178			7	178	249	139	237	92	15	65	18	18
Other specified laborers	22				65	55	17			5	18	10	59
Miscellaneous laborers	6				129	5	31	5	4	11	13	10	11
Not specified laborers	26			8	46	77	35	41	50	5	59	16	15
Farm workers													
Service workers, including private household	61			15	159	212	130	266	119	85	87	39	103
Cleaning service workers	29			10	77	142	102	212	90	70	48	30	46
Personal service workers	14				7	13		6					9
Guards and watchmen	10			5	30	4	28	30	16	5	34	9	9
Other service workers, including private household	8				52	53		18	13	10	5	9	48
Female employed	499	14	5	36	1 648	1 014	2 276	17 564	910	1 642	510	536	1 851
Professional, technical, and kindred workers													
Accountants	17				73	19	21	47	17	167	50	11	10
Computer specialists	10				6	5	5	10	6	4	4	6	5
Life and physical scientists					5								
Registered nurses, dietitians, and therapists	7				9						17		
Social scientists													
Writers, artists, and entertainers													
Other professional, technical, and kindred workers					53	14	16	26	5	158	19	5	5
Managers and administrators, except farm					7	23	13	70	5	10	8		16
Salaried					7	20	9	59	5	10	8		16
Self-employed					7	3	4	11					
Sales workers					5	13		37		48	6		14
Clerical and kindred workers	404	9	5	22	325	279	291	855	166	891	366	46	224
Bookkeepers	51				36	64	41	197	37	84	30	6	25
Cashiers					10		5	23	5	5			
Counter clerks, except food					10		5	26	4	12			
File clerks	21				49	19	10	39	4	37	21	7	13
Office machine operators	41				4			4		5			4
Bookkeeping and billing machine operators													
Receptionists	5				102	75	113	96	56	119	15	15	65
Secretaries	154	9		11	154	21	42	43	16	156	4	4	20
Stenographers	41				19	21	70	43	48	392	46	5	20
Typists	51				99	85	72	425	48	63	9	9	97
Other clerical and kindred workers	77			6	681	61	65	492	23	233	5	22	58
Craftsmen and kindred workers	6				49	21	38	367	11	26	5	13	11
Foremen, n.e.c.					19								
Operatives, except transport	67	5		14	1 152	574	1 832	15 842	657	272	64	448	1 473
Assemblers	30				324	33	87	356	72	18	9	67	54
Checkers, examiners, and inspectors; manufacturing				4	29	17	70	388	69	51	6	39	51
Packers and wrappers, except meat and produce	9				118	372	70	50	50	42	28	47	76
Other operatives, except transport	28	5		10	681	152	1 675	15 128	466	212	21	295	1 292
Transport equipment operatives													
Laborers, except farm					27	10	44	166	24	5	6	5	22
Farm workers													
Service workers, including private household													
Cleaning service workers	5				10	35	10	55	18	16	5	4	34
Personal service workers					10	6	10	39	5	11			16
Other service workers, including private household	5				5	29		10	13	5		4	18

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

Occupation	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade					Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		
ALLENTOWN—BETHLEHEM—EASTON, PA.—N.J., SMSA													
Total employed	2 113	3 634	1 293	1 945	4 243	7 107	6 504	5 083	3 857	5 824	10 116	2 266	4 862
Professional, technical, and kindred workers	58	11	90	338	510	246	96	18	42	19	483	58	223
Accountants	28	4	5	9	25	83	21	12	28	4	39	4	106
Architects	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	3	7	8	6	42	7	5	—	—	—	5	11	46
Chemical	—	—	—	113	217	44	5	—	—	—	15	12	—
Civil	—	—	—	—	5	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	4	—	17	6	5	—	—	—	—	—	—
Industrial	—	—	—	74	122	11	—	—	—	—	—	—	—
Mechanical	—	—	—	9	32	11	—	—	—	—	—	12	—
Other engineers	3	—	4	30	30	16	—	—	—	—	15	—	—
Mathematical specialists	—	—	—	—	19	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	21	—	17	—	—	—	—	—	—	—
Chemists	—	—	—	11	—	11	—	—	—	—	—	—	—
Personnel and labor relations workers	6	—	—	10	15	17	28	6	—	—	10	10	22
Social scientists	—	—	—	5	5	5	—	—	—	—	5	—	—
Engineering and science technicians	16	—	5	76	66	33	4	—	—	—	29	—	9
Draftsmen	10	—	5	15	47	16	—	—	—	—	10	—	9
Electrical and electronic engineering technicians	—	—	5	51	5	8	—	—	—	—	13	—	—
Industrial and mechanical engineering technicians	—	—	72	16	17	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	66	23	21	25	—	—	—	22	—	—
Writers, artists, and entertainers	—	—	—	16	81	—	17	—	—	—	278	—	—
Other professional, technical, and kindred workers	—	—	—	16	—	19	—	—	—	—	—	21	—
Managers and administrators, except farm													
Buyers, purchasing agents, and sales managers	275	117	119	139	237	915	772	630	644	717	1 480	192	796
Other managers and administrators	6	9	10	10	44	298	403	125	59	5	30	30	35
Salaries	269	108	109	129	193	369	369	305	315	712	1 043	153	761
Self-employed	269	10	16	129	187	518	297	287	277	342	650	153	736
Sales workers													
Clerical and kindred workers	9	42	12	41	79	1 612	3 070	1 278	635	116	3 678	967	634
Bookkeepers	402	59	310	574	957	1 645	1 240	1 130	359	212	1 540	1 007	2 627
Cashiers	59	55	27	12	78	325	167	66	197	77	442	77	380
Estimators and investigators, n.e.c.	18	5	77	33	33	75	48	872	11	138	165	41	41
Office machine operators	30	18	10	5	34	4	4	4	4	10	10	24	53
Shipping and receiving clerks	30	47	10	5	13	141	40	17	5	—	26	4	158
Stock clerks and storekeepers	30	47	10	5	13	141	40	17	5	—	26	4	158
Other clerical and kindred workers	247	397	196	538	40	100	74	43	4	—	54	11	5
Craftsmen and kindred workers													
Blacksmiths, forgemen, hammermen, and boilermakers	643	320	102	759	1 262	717	275	244	1 046	41	1 229	886	1 986
Brickmasons and stonemasons	—	—	4	—	—	—	—	—	—	—	—	—	115
Carpenters	11	—	—	—	—	—	—	—	—	—	—	—	10
Cranemen, derrickmen, and hoistmen	—	—	—	—	—	—	—	—	—	—	—	—	20
Electricians	11	6	4	—	8	57	6	—	—	—	—	—	—
Excavating, grading, and road machine operators	—	—	—	—	75	—	—	—	—	—	—	—	—
Foremen, n.e.c.	4	—	—	—	10	—	—	—	—	—	—	—	—
Mechanics and repairmen	659	92	5	51	240	139	66	28	47	5	66	21	6
Automobile, including body	169	207	71	38	254	279	145	19	965	9	507	—	29
Machinists, job setters, and toolmakers	45	186	40	42	60	60	22	5	952	24	24	—	—
Metal craftsmen, except mechanics and machinists	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	11	—	8	5	5	8	—	5	5	—	—	—	21
Pumpers and pipe fitters	6	—	—	—	37	17	—	—	—	—	—	—	—
Printing craftsmen	—	—	—	—	—	15	8	—	—	—	—	—	—
Stationary engineers and power station operators	5	—	—	—	156	5	—	—	—	—	—	—	—
Other craftsmen and kindred workers	316	15	10	647	477	172	50	180	14	27	555	—	20
Operatives, except transport													
Assemblers	55	49	19	30	211	614	145	791	950	32	379	—	10
Checkers, examiners, and inspectors; manufacturing	4	10	—	4	16	7	—	5	—	—	20	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters; manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and fitters	10	5	—	—	31	16	—	—	—	—	—	—	—
Other specified operatives	8	29	9	9	26	365	136	688	896	32	254	—	10
Machine operatives, miscellaneous specified	—	—	—	—	—	—	—	—	—	—	—	—	—
Machine operatives, not specified	8	5	—	6	22	59	4	22	4	—	21	—	—
Miscellaneous operatives	10	—	10	6	10	37	5	42	4	—	36	—	—
Not specified operatives	15	—	—	6	19	45	—	30	14	—	32	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

Total employed—Continued

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communi- cations	Utilities and sanitary services	Wholesale trade	Retail trade					Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		
Transport equipment operatives	429	2 144	575	10	412	877	133	150	71	4	615	—	4
Deliverymen and routemen	—	137	6	3	8	555	123	130	37	—	412	—	—
Truck drivers	39	1 995	16	39	194	265	10	15	25	—	145	—	—
Other transport equipment operatives	390	12	553	7	210	57	—	5	9	4	50	—	4
Laborers, except farm	189	412	20	17	460	366	254	704	97	8	238	6	113
Freight, stock, and material handlers	5	383	5	5	148	281	232	647	6	4	165	6	64
Other specified laborers	21	10	6	17	167	25	7	20	79	—	28	—	34
Miscellaneous laborers	143	4	—	—	63	14	—	—	—	—	8	—	15
Not specified laborers	20	15	9	—	82	46	15	37	12	4	38	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	53	10	46	37	115	115	519	138	13	4 675	554	15	340
Personal service workers	29	5	25	37	82	61	121	38	8	95	152	15	288
Board and watchmen	—	5	10	—	4	13	55	9	—	22	6	—	5
Other service workers, including private household	24	5	5	—	14	14	27	—	5	4 558	391	—	20
Female employed	173	317	271	639	610	1 438	4 508	2 145	436	3 446	4 242	883	2 427
Professional, technical, and kindred workers	5	4	—	27	45	30	61	—	12	19	89	5	45
Accountants	5	4	—	—	5	20	16	—	7	—	6	—	23
Computer specialists	—	—	—	—	12	—	—	—	—	—	5	—	—
Life and physical scientists	—	—	—	5	6	5	8	—	5	6	—	5	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	10	11	—	26	—	—	13	22	—	—
Other professional, technical, and kindred workers	—	—	—	12	22	5	—	—	—	—	56	—	22
Salaried managers and administrators, except farm	—	—	25	16	5	37	272	126	26	175	304	36	72
Self-employed	—	—	21	16	5	27	250	33	26	67	177	36	72
Sales workers	—	—	4	—	—	10	22	93	—	108	127	—	—
Clerical and kindred workers	151	255	106	540	488	1 035	1 057	884	320	159	1 231	766	2 075
Bookkeepers	32	45	15	12	29	224	144	63	178	31	366	72	243
Cashiers	—	—	—	9	27	21	291	600	6	97	151	5	41
Counter clerks, except food	—	5	—	—	5	5	53	8	10	—	—	—	—
File clerks	—	8	4	—	17	42	54	—	—	—	24	4	56
Office machine operators	30	5	10	5	8	126	40	—	—	—	26	4	117
Bookkeeping and billing machine operators	—	—	—	—	—	12	—	—	—	—	5	4	73
Receptionists	—	6	—	—	—	—	—	—	—	—	23	—	29
Secretaries	16	79	9	20	142	232	72	7	67	27	268	402	465
Stenographers	14	16	—	6	32	26	30	4	21	4	112	8	189
Typists	23	87	22	66	72	137	413	72	38	—	261	137	189
Other clerical and kindred workers	36	87	46	422	161	216	—	—	—	—	—	134	927
Craftsmen and kindred workers	5	4	—	18	11	27	55	43	13	10	57	15	—
Foremen, n.e.c.	—	—	—	6	—	4	25	—	—	5	11	15	—
Operatives, except transport	12	5	—	12	20	168	118	255	19	21	202	—	10
Assemblers	4	—	—	—	6	—	—	—	—	—	4	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	5	51	25	54	—	16	11	—	—
Other operatives, except transport	8	5	—	12	9	117	93	196	19	5	187	—	10
Transport equipment operatives	—	49	135	—	17	8	6	4	—	—	11	—	—
Laborers, except farm	—	—	—	—	—	34	24	85	—	—	31	—	9
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	5	11	19	35	351	64	5	2 993	340	10	119
Cleaning service workers	—	—	—	11	15	5	23	5	—	34	79	10	100
Personal service workers	—	—	—	—	—	8	50	—	—	12	6	—	5
Other service workers, including private household	—	—	5	—	4	22	278	59	5	2 947	255	—	14

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	ALLENTOWN—BETHLEHEM—EASTON, PA.—N.J., SMSA											
	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Total employed.....	2 121	2 813	1 434	5 779	1 144	6 012	4 488	8 748	6 366	3 098	4 120	5 774
Professional, technical, and kindred workers	482	39	46	101	126	2 589	1 901	5 788	3 334	1 177	2 032	538
Accountants.....	15	3	18	5	—	17	—	9	4	26	63	103
Architects.....	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists.....	52	10	—	—	—	—	—	—	41	7	27	27
Engineers.....	69	—	—	—	—	—	—	—	10	3	219	72
Chemical.....	7	—	—	—	—	—	—	—	5	—	7	—
Civil.....	11	7	—	—	—	—	—	—	5	—	78	31
Electrical and electronic.....	11	—	—	—	—	—	—	—	5	—	41	15
Industrial.....	12	—	—	—	—	—	—	—	5	—	30	5
Mechanical.....	16	—	—	—	—	—	—	—	—	—	63	—
Other engineers.....	27	3	—	—	—	—	—	—	—	4	—	21
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists.....	33	—	—	—	—	37	10	—	18	—	11	5
Chemists.....	15	—	—	—	—	—	4	—	18	—	4	—
Personnel and labor relations workers.....	93	—	—	—	—	5	—	5	4	10	4	57
Social scientists.....	30	—	—	—	—	16	—	14	—	7	6	15
Engineering and science technicians.....	117	5	—	—	—	—	—	—	78	—	280	57
Draftsmen.....	18	—	—	—	—	—	—	—	5	—	199	26
Electrical and electronic engineering technicians.....	34	5	—	—	—	—	—	—	20	—	—	6
Industrial and mechanical engineering technicians.....	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science writers, artists, and entertainers.....	53	14	5	80	86	4	10	6	5	129	137	73
Other professional, technical, and kindred workers.....	26	—	23	16	40	2 510	1 881	5 754	3 110	998	988	115
Managers and administrators, except farm buyers, purchasing agents, and sales managers.....	220	215	158	320	165	103	92	348	361	213	158	628
Other managers and administrators.....	180	11	11	5	5	12	19	18	10	213	18	9
Salaries.....	164	204	147	315	153	93	92	329	361	213	140	619
Self-employed.....	25	48	101	172	43	93	9	329	344	209	127	619
Sales workers.....	106	36	15	51	26	20	5	4	—	29	28	28
Clerical and kindred workers.....	686	262	114	235	155	844	588	937	1 174	706	1 184	2 134
Bookkeepers.....	60	5	32	33	20	48	53	51	55	80	132	96
Cashiers.....	—	—	6	13	55	18	—	66	11	7	—	—
Estimators and investigators, n.e.c.....	35	5	—	5	—	—	—	—	—	—	—	—
Office machine operators.....	45	—	5	—	—	30	5	—	37	—	18	—
Shipping and receiving clerks.....	—	—	—	—	—	6	—	—	—	—	—	—
Stock clerks and storekeepers.....	—	—	—	—	—	28	6	—	—	—	—	—
Other clerical and kindred workers.....	546	194	71	179	80	714	524	793	1 056	605	1 013	1 972
Craftsmen and kindred workers.....	140	1 677	25	141	109	110	78	139	150	56	63	305
Blacksmiths, forgemen, hammermen, and boilermakers.....	—	9	—	—	—	—	5	—	—	—	—	6
Brickmasons and stonemasons.....	—	—	—	—	—	—	—	12	—	—	—	4
Carpenters.....	—	—	—	5	9	25	—	10	28	11	—	13
Cranemen, derrickmen, and hoistmen.....	—	—	—	—	—	—	—	—	—	—	—	—
Electricians.....	—	—	—	—	—	5	10	—	9	9	—	7
Excavating, grading, and road machine operators.....	—	—	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.....	14	44	—	15	6	19	6	11	15	5	17	64
Mechanics and repairmen.....	57	1 008	5	26	39	4	46	20	37	20	4	117
Automobile, including body.....	—	—	—	6	8	4	—	5	5	—	—	58
Machinists, job setters, and toolmakers.....	—	8	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists.....	—	10	—	—	—	3	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers.....	12	16	—	—	16	12	—	12	23	11	—	19
Plumbers and pipe fitters.....	—	—	—	—	—	15	—	16	4	—	—	5
Printing craftsmen.....	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators.....	—	4	—	—	—	—	—	—	—	—	—	—
Other craftsmen and kindred workers.....	57	172	20	96	39	27	57	23	10	—	36	33
Operatives, except transport.....	71	208	23	831	25	199	105	11	66	20	39	75
Assemblers.....	—	10	—	—	—	5	—	—	—	10	—	—
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	—	12	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles.....	—	20	—	—	—	—	—	—	—	—	—	—
Precision machine operatives.....	—	6	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters.....	—	52	—	—	—	—	—	—	—	—	—	—
Other specified operatives.....	38	70	18	797	8	172	88	5	38	5	9	4
Machine operatives, miscellaneous specified.....	13	7	—	5	—	10	3	—	11	—	25	38
Machine operatives, not specified.....	—	5	—	5	—	6	5	—	6	—	5	12
Miscellaneous operatives.....	20	16	—	13	6	6	—	6	17	5	—	15
Not specified operatives.....	—	10	5	—	5	—	12	—	—	—	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

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

Total employed—Continued

Occupation	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Deliverymen and roommen	44	115	—	201	9	13	5	12	5	19	22	96
Truck drivers	13	5	—	119	—	4	—	—	—	8	—	11
Other transport equipment operatives	25	17	—	25	4	9	5	12	5	6	11	4
Other transport equipment operatives	6	93	—	57	5	—	—	—	—	5	—	—
Freight, stock, and material handlers	43	187	22	119	104	25	10	32	57	20	27	152
Other specified laborers	17	12	5	24	89	25	—	5	47	11	7	70
Miscellaneous laborers	—	150	17	70	5	—	—	21	—	—	14	67
Not specified laborers	—	8	—	—	—	—	10	6	—	9	—	5
Not specified laborers	26	17	—	25	10	—	10	—	10	—	6	10
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	329	74	1	3 780	425	2 109	1 704	1 477	1 190	858	567	1 818
Personal service workers	131	28	320	84	84	347	211	617	581	395	33	216
Guards and watchmen	12	28	53	1 771	135	66	50	131	77	147	9	10
Other service workers, including private household	138	18	639	1 111	200	27	5	20	24	15	—	746
Female employed	875	268	899	4 013	343	4 898	3 060	5 319	3 530	1 461	2 019	1 446
Professional, technical, and kindred workers	100	—	14	58	30	2 268	829	3 403	1 628	422	482	115
Accountants	5	—	—	—	—	5	—	—	—	—	5	16
Computer specialists	12	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	15	6	—	—	—	4	—
Registered nurses, dietitians, and therapists	—	—	—	6	—	1 820	678	148	42	11	—	—
Social scientists	11	—	—	—	—	11	—	4	—	—	—	—
Writers, artists, and entertainers	26	—	—	42	16	4	—	—	14	101	—	—
Other professional, technical, and kindred workers	46	—	14	10	14	413	145	3 246	1 572	298	413	78
Managers and administrators, except farm	25	—	54	53	30	54	28	71	118	44	42	65
Managers and administrators, except farm	20	—	6	28	21	34	40	71	107	40	36	65
Self-employed	5	—	48	25	9	—	4	—	11	4	6	—
Sales workers	51	11	5	28	5	20	—	4	20	20	16	—
Clerical and kindred workers	593	211	88	213	125	767	572	870	1 061	632	1 085	835
Bookkeepers	55	5	21	33	15	48	41	29	41	58	126	75
Cashiers, clerks, except food	—	5	6	13	49	18	—	66	11	7	6	5
File clerks	—	21	4	68	6	—	—	—	5	—	—	—
Office machine operators	22	5	—	—	—	28	21	—	16	5	12	26
Bookkeeping and billing machine operators	41	—	—	5	—	4	—	22	32	4	—	11
Receptionists	16	—	12	16	5	—	11	11	126	4	—	—
Secretaries	181	56	18	17	31	291	276	336	473	17	23	10
Stenographers	11	—	—	—	—	—	—	—	—	420	633	224
Typists	87	—	—	10	—	83	33	64	95	9	27	35
Other clerical and kindred workers	180	66	27	42	19	233	58	325	262	40	247	307
Craftsmen and kindred workers	8	—	12	19	—	13	22	10	17	—	—	8
Foremen, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	27	17	18	611	10	109	82	6	18	10	20	10
Checkers, examiners, and inspectors; manufacturing	—	5	—	—	—	—	—	—	—	5	—	—
Packers and wrappers, except meat and produce	11	—	—	16	—	—	20	—	—	—	—	—
Other operatives, except transport	16	12	18	595	10	109	62	6	18	5	20	10
Transport equipment operatives	15	11	—	5	—	4	—	—	—	5	—	—
Laborers, except farm	—	—	—	21	9	10	—	—	—	—	6	6
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	56	18	708	3 005	134	1 653	1 527	955	668	328	368	202
Personal service workers	35	6	290	63	23	209	136	144	208	110	18	23
Other service workers, including private household	12	12	47	1 162	20	42	45	119	49	95	18	10
Other service workers, including private household	9	—	371	1 780	91	1 402	1 326	692	413	123	350	169

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies	
												Total	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
JERSEY CITY SMSA												
Total employed	254 881	499	217	9 425	1 739	1 566	964	1 468	4 417	4 424	12 286	
Professional, technical, and kindred workers	216 508	20	10	358	39	73	24	101	137	394	1 239	
Accountants	2 114			43	15	6	11	11	38	38	113	
Architects	130											
Computer specialists	823											
Engineers	1 867			193				28	6	35	82	
Chemical	71			5				5		92	348	
Civil	309											
Electrical and electronic	503			114				4		32	228	
Industrial	132			25				10		5	54	
Mechanical	264			21				14		23	40	
Other engineers	381			25							26	
Mathematical specialists	94											
Life and physical scientists	47											
Chemists	387											
Personnel and labor relations workers	218			5								
Social scientists	202											
Engineering and science technicians	897			37				39		138	447	
Electrical and electronic engineering technicians	305			32				6		124	164	
Industrial and mechanical engineering technicians	56											
Technicians, except health, and engineering and science	190											
Writers, artists, and entertainers	840			24				5		28	20	
Other professional, technical, and kindred workers	16 135	15	5	56	6	10		9	16	19	115	
Managers and administrators, except farm	13 353			483	40	34	25	45	89	128	234	
Buyers, purchasing agents, and sales managers	1 445			16	10	6	7		64	52	64	
Other managers and administrators	11 908			467	30	25	18	45	83	76	170	
Salaried	10 042			277	30	25	18	39	78	70	170	
Self-employed	1 866			190				6	5	6		
Sales workers	13 090			68	53	26	6	24	44	67	56	
Clerical and kindred workers	62 588	38	60	706	166	253	128	252	595	854	2 890	
Bookkeepers	6 230	6	6	151	37	40	6	12	37	64	256	
Cashiers	2 367								3	56	7	
Estimators and investigators, n.e.c.	943								10	17	7	
Office machine operators	2 760			5	8	11		6	39	95	263	
Shipping and receiving clerks	2 760			12	22	22	10	33	103	44	127	
Stock clerks and stockkeepers	1 823	4		16	3	20	5	16	65	174	174	
Other clerical and kindred workers	45 273	28	54	450	96	153	107	185	338	563	2 007	
Craftsmen and kindred workers	31 185	30	48	5 498	455	293	293	267	1 112	1 079	1 683	
Blacksmiths, forgers, hammermen, and boilermakers	260			80	94	94	9	6	46	12	6	
Brickmasons and stonemasons	21 378			21	294	11	4	6	11	4	4	
Carpenters	1 532			969	134	6	4	9	14	20	5	
Cronmen, derrickmen, and hoistmen	277	5		76	5		38	23	35	8	151	
Electricians	1 431			674	7		17	12	171	61		
Excavating, grading, and road machine operators	1 555			50			5	50	171			
Foremen, n.e.c.	4 888	8	21	268	62	65	45	50	302	145	365	
Mechanics and repairmen	7 435		8	246	28	112	19	32	194	194	392	
Automobile, including body	2 724			10	6	15	11	4	12	4		
Mechanists, job setters, and toolmakers	1 771			11	21	45	11	63	179	476	331	
Metal craftsmen, except mechanics and machinists	866			122	6	6	81	33	176	76	141	
Painters, construction and maintenance, and plasterers and paperhangers	1 044			594	14	6	6		4			
Plumbers and pipe fitters	1 720			585		5	9	10	52	5	55	
Printing craftsmen	517			13			5	174	23	19	23	
Stationary engineers and power station operators	8 078	17	8	1 473	183	38	30	19	78	48	202	
Other craftsmen and kindred workers	51 764	8	76	576	804	692	326	677	1 867	1 654	5 412	
Operatives, except transport	3 051	5	5	—	199	45	6	64	64	192	1 370	
Checkers, examiners, and inspectors; manufacturing	3 006				44	200	20	50	133	147	1 083	
Filers, polishers, sanders, and buffers	286				28		5	5	22	31	27	
Painters, manufactured articles	485				23	14	6	5	71	56	133	
Precision machine operatives	1 410			26		5	33	33	71	414	152	
Welders and flamecutters	28 725	4	4	162	50	14	61	114	203	108	797	
Other specified operatives	4 193		67	295	222	222	103	114	376	254	797	
Machine operatives, miscellaneous specified	4 235			30	70	71	29	138	234	70	524	
Machine operatives, not specified	3 174			13	59	32	51	97	402	203	464	
Miscellaneous operatives	2 214			26	86	41	25	19	113	68	618	
Not specified operatives	—			—	23	48	15	37	86	91	210	

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

JERSEY CITY SMSA—Continued

Total employed—Continued

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						Total
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical		Electrical, machinery, equipment, and supplies
Deliverymen and roulemen	12 688	22	4	244	46	97	30	16	184	55	108
Truck drivers	2 397	—	—	9	17	17	—	—	16	0	33
Other transport equipment operatives	5 894	11	4	182	27	20	20	16	55	28	70
Labors, except farm	4 397	11	—	53	19	60	10	—	113	17	—
Freight, stock, and material handlers	14 792	62	4	1 383	104	70	89	30	257	155	319
Other specified laborers	8 499	—	4	35	56	26	22	4	165	100	210
Miscellaneous laborers	4 121	57	—	1 348	32	15	6	—	22	24	55
Not specified laborers	1 575	5	—	—	16	29	47	16	58	17	57
Farm workers	314	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	28 599	5	10	109	32	28	43	36	132	58	345
Cleaning service workers	6 292	5	—	66	20	17	27	—	78	33	145
Personal service workers	3 217	—	5	—	—	—	—	—	—	—	—
Guards and watchmen	1 719	—	5	13	—	11	16	—	17	12	37
Other service workers, including private household	17 371	—	—	26	6	—	—	6	24	6	88
Female employed	101 082	132	78	631	368	529	118	320	682	784	5 298
Professional, technical, and kindred workers	11 013	14	—	10	5	19	10	10	19	17	197
Accountants	11 462	—	—	5	—	—	5	—	—	—	30
Computer specialists	47	—	—	—	—	—	—	—	—	—	21
Life and physical scientists	130	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	84	—	—	—	—	—	—	—	—	—	—
Social scientists	2 282	—	—	—	—	10	—	—	3	—	12
Writers, artists, and entertainers	35	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	7 433	14	—	5	5	5	5	5	—	7	125
Managers and administrators, except farm	2 450	—	4	14	11	—	6	—	10	5	13
Self-employed	2 149	—	—	10	11	—	6	—	10	5	13
Sales workers	5 302	—	—	—	17	—	—	—	—	6	—
Clerical and kindred workers	42 387	14	49	491	85	169	83	157	258	485	1 921
Bookkeepers	4 426	—	—	135	16	36	6	12	11	38	160
Cashiers	1 736	—	—	—	—	6	—	—	—	4	51
Counter clerks, except food	1 475	—	—	—	—	—	—	—	—	—	29
File clerks	2 295	—	6	—	—	—	—	—	—	—	10
Office machine operators	2 377	—	—	5	4	6	—	6	22	51	174
Bookkeeping and billing machine operators	497	—	—	—	—	—	—	—	—	—	16
Receptionists	10 068	—	32	16	18	88	30	79	78	155	527
Secretaries	3 375	—	—	—	—	—	5	—	—	—	—
Stenographers	5 263	—	5	91	20	4	22	39	40	104	242
Typists	15 137	—	6	60	27	24	20	21	90	112	570
Other clerical and kindred workers	1 908	—	—	72	10	4	13	14	13	41	188
Foremen, n.e.c.	1 766	—	—	—	—	—	—	4	5	22	60
Operatives, except transport	25 151	—	24	22	236	326	6	123	360	230	2 848
Assemblers, examiners, and inspectors; manufacturing	1 476	—	—	—	67	26	6	19	60	38	715
Packers and wrappers, except meat and produce	1 533	—	—	—	19	153	—	15	29	11	548
Other operatives, except transport	2 481	—	—	—	83	83	—	43	43	16	397
Transport equipment operatives	19 461	—	24	22	134	64	—	89	228	163	1 438
Leborers, except farm	188	—	—	4	—	—	—	—	5	—	3
Farm workers	94	10	—	4	4	5	—	5	6	—	67
Service workers, including private household	11 666	—	5	14	—	6	—	6	11	—	55
Cleaning service workers	1 946	—	—	10	—	6	—	—	5	—	16
Personal service workers	1 556	—	5	—	—	—	—	—	—	—	11
Other service workers, including private household	8 164	—	—	4	—	—	—	—	6	—	26

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
Total employed	1 232	341	622	62	7 458	6 464	4 609	13 826	3 143	5 245	7 329	1 593	9 593
Professonal, technical, and kindred workers.....	30	42	21	9	420	318	99	212	65	484	776	69	366
Architects.....	5	—	12	—	43	73	8	14	—	60	71	27	46
Computer specialists.....	5	—	—	—	11	4	—	6	—	—	—	—	20
Engineers.....	5	17	9	—	52	43	19	16	12	5	—	5	41
Chemical.....	—	—	—	—	—	6	—	—	—	—	30	—	10
Civil.....	—	—	—	—	—	4	—	—	—	—	7	—	5
Electrical and electronic.....	—	4	—	—	13	10	—	16	—	—	5	—	10
Industrial.....	5	—	5	—	11	12	—	—	5	—	—	—	16
Mechanical.....	—	13	4	—	18	11	—	—	7	—	16	—	—
Other engineers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	13	—	—	—
Life and physical scientists.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists.....	—	—	—	—	11	31	7	—	—	—	245	—	—
Personnel and labor relations workers.....	—	—	—	—	11	31	7	—	—	—	235	—	—
Social scientists.....	—	—	—	4	22	11	6	8	—	—	16	—	5
Engineering and science technicians.....	10	13	—	—	48	118	15	9	—	23	285	9	10
Draftsmen.....	6	—	—	—	22	—	—	—	—	17	12	—	92
Electrical and electronic engineering technicians.....	—	6	—	—	—	—	—	—	—	—	—	—	7
Industrial and mechanical engineering technicians.....	4	—	—	—	4	10	—	—	—	—	5	—	6
Technicians, except health, and engineering and science.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers.....	5	5	—	5	53	—	22	154	23	357	5	6	4
Other professional, technical, and kindred workers.....	5	—	—	—	180	32	16	5	14	26	54	6	141
Managers and administrators, except farm	17	10	9	—	122	164	31	311	129	284	251	56	189
Buyers, purchasing agents, and sales managers.....	—	—	—	—	15	24	13	39	35	46	46	25	25
Other managers and administrators.....	17	10	9	—	107	140	68	272	94	236	205	47	164
Salaried.....	17	10	9	—	88	130	62	195	94	231	205	41	141
Self-employed.....	—	—	—	—	19	10	6	77	—	5	—	6	23
Sales workers	15	—	9	—	159	207	48	113	27	235	124	15	120
Clerical and kindred workers	206	63	33	14	1 442	871	630	1 443	452	1 606	1 679	263	1 387
Bookkeepers.....	32	—	—	—	167	137	74	252	48	173	148	23	94
Cashiers.....	—	—	—	—	9	10	—	—	—	13	—	—	8
Estimators and investigators, n.e.c.....	10	—	—	—	4	—	—	6	11	13	—	—	—
Office machine operators.....	5	7	—	5	50	61	108	108	27	110	107	23	36
Shipping and receiving clerks.....	10	—	—	—	89	116	120	283	77	64	122	30	36
Stock clerks and storekeepers.....	48	5	—	—	30	30	104	104	30	32	52	6	108
Other clerical and kindred workers.....	101	51	33	9	1 071	517	373	690	259	1 223	1 156	184	1 089
Craftsman and kindred workers	230	80	294	16	1 355	1 052	347	831	467	1 569	838	275	1 139
Blacksmiths, armorer, harness, and bootmakers.....	—	5	—	—	6	6	—	—	—	—	—	—	10
Brickmasons and stonemasons.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters.....	—	—	69	—	30	17	—	6	5	—	10	—	11
Cranemen, derrickmen, and hoistmen.....	6	4	17	—	—	26	—	—	11	14	54	21	27
Electricians.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Excavating, grading, and road machine operators.....	45	18	20	5	206	226	165	455	182	155	342	105	244
Foremen, n.e.c.....	119	17	58	—	101	289	128	95	144	66	181	75	131
Mechanics and repairmen.....	91	—	8	—	—	39	—	—	5	—	5	6	9
Automobile, including body.....	21	36	38	6	126	56	10	31	35	24	57	24	72
Machinists, job setters, and toolmakers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists.....	11	—	16	—	60	38	—	11	5	—	14	4	—
Painters, construction and maintenance, and plasterers and paperhangers.....	—	—	—	—	—	16	—	—	—	—	20	—	—
Plumber and pipe fitters.....	15	—	19	—	7	22	12	—	—	—	56	7	21
Printing craft workers.....	7	—	7	—	10	4	5	—	70	1 300	16	9	14
Stationary engineers and power station operators.....	—	—	—	—	—	44	—	—	4	—	58	—	24
Other craftsmen and kindred workers.....	6	—	50	5	815	308	21	233	11	6	6	14	574
Operatives, except transport	635	132	186	23	3 140	2 516	3 072	10 327	1 612	723	2 670	806	5 473
Assemblers.....	239	22	31	4	265	45	52	13	52	17	94	38	108
Checkers, examiners, and inspectors; manufacturing.....	31	20	9	—	72	92	253	373	49	50	110	38	282
Filers, polishers, sanders, and buffers.....	18	—	—	—	99	—	—	9	—	—	—	3	4
Painters, manufactured articles.....	34	6	15	—	75	25	11	20	14	7	—	8	19
Precision machine operators.....	42	32	32	—	18	18	11	18	7	5	—	11	22
Welders and flamecutters.....	72	12	111	—	46	11	—	7	4	—	26	—	33
Other specified operatives.....	44	10	31	—	1 750	1 129	2 808	8 165	445	242	1 011	195	3 987
Machine operatives, miscellaneous specified.....	26	5	—	14	231	492	—	536	157	157	411	199	295
Machine operatives, not specified.....	84	17	15	5	236	416	—	326	120	120	594	197	282
Miscellaneous operatives.....	45	3	—	—	211	159	—	109	101	194	198	40	194
Not specified operatives.....	—	5	—	—	137	147	—	682	70	24	166	77	247

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

JERSEY CITY SMSA

Total employed.....

Professonal, technical, and kindred workers.....

Architects.....

Computer specialists.....

Engineers.....

Chemical.....

Civil.....

Electrical and electronic.....

Industrial.....

Mechanical.....

Other engineers.....

Mathematical specialists.....

Life and physical scientists.....

Chemists.....

Personnel and labor relations workers.....

Social scientists.....

Engineering and science technicians.....

Draftsmen.....

Electrical and electronic engineering technicians.....

Industrial and mechanical engineering technicians.....

Technicians, except health, and engineering and science.....

Writers, artists, and entertainers.....

Other professional, technical, and kindred workers.....

Managers and administrators, except farm.....

Buyers, purchasing agents, and sales managers.....

Other managers and administrators.....

Salaried.....

Self-employed.....

Sales workers.....

Clerical and kindred workers.....

Bookkeepers.....

Cashiers.....

Estimators and investigators, n.e.c.....

Office machine operators.....

Shipping and receiving clerks.....

Stock clerks and storekeepers.....

Other clerical and kindred workers.....

Craftsman and kindred workers.....

Blacksmiths, armorer, harness, and bootmakers.....

Brickmasons and stonemasons.....

Carpenters.....

Cranemen, derrickmen, and hoistmen.....

Electricians.....

Excavating, grading, and road machine operators.....

Foremen, n.e.c.....

Mechanics and repairmen.....

Automobile, including body.....

Machinists, job setters, and toolmakers.....

Metal craftsmen, except mechanics and machinists.....

Painters, construction and maintenance, and plasterers and paperhangers.....

Plumber and pipe fitters.....

Printing craft workers.....

Stationary engineers and power station operators.....

Other craftsmen and kindred workers.....

Operatives, except transport.....

Assemblers.....

Checkers, examiners, and inspectors; manufacturing.....

Filers, polishers, sanders, and buffers.....

Painters, manufactured articles.....

Precision machine operators.....

Welders and flamecutters.....

Other specified operatives.....

Machine operatives, miscellaneous specified.....

Machine operatives, not specified.....

Miscellaneous operatives.....

Not specified operatives.....

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

		Manufacturing - Continued												
		Durable goods - Continued					Nondurable goods							
		Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
The State Standard Metropolitan Statistical Areas of 250,000 or More														
JERSEY CITY SMSA - Continued														
Total employed - Continued														
Deliverymen and routemen	17					197	599	92	142	193	118	210	19	264
Truck drivers	5					11	352	33	72	23	47	34	8	5
Other transport equipment operatives	12					78	189	43	53	73	42	62	11	209
Laborers, except farm	48					428	443	149	257	131	139	497	52	385
Freight, stock, and material handlers	17					94	216	9	186	118	322	21	21	78
Other specified laborers	7					249	68	8	9	—	9	18	16	193
Miscellaneous laborers	10					75	135	43	50	13	25	136	15	109
Not specified laborers	16					—	—	—	—	—	—	—	—	—
Farm workers	—					—	—	—	—	—	—	—	—	—
Service workers, including private household	5					195	294	97	189	67	87	284	38	270
Cleaning service workers	5					70	171	71	58	50	47	173	27	117
Personal service workers	4					40	9	22	24	5	4	5	5	17
Guards and watchmen	6					85	100	4	102	12	21	75	6	—
Other service workers, including private household	—					—	—	—	5	—	5	31	—	136
Female employed	161	75	23	19	23	2 842	1 748	2 219	10 163	897	1 892	2 271	503	4 638
Accountants	—	7	—	—	—	68	55	14	106	13	180	164	6	33
Computer specialists	—	—	—	—	—	4	11	3	14	—	11	20	—	11
Life and physical scientists	—	—	—	—	—	—	—	6	—	—	—	5	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	6	—	—	—	—	—	44	—	—
Social scientists	—	—	—	—	—	—	4	—	—	—	—	5	—	5
Writers, artists, and entertainers	—	—	—	—	—	—	6	—	69	7	127	5	6	—
Other professional, technical, and kindred workers	7	—	—	—	—	50	34	5	23	6	42	71	—	17
Managers and administrators, except farm	—	—	—	—	—	—	12	20	62	24	56	43	5	28
Salaries	—	—	—	—	—	—	12	20	52	24	56	43	5	23
Self-employed	—	—	—	—	—	—	—	—	10	—	—	—	—	5
Sales workers	—	—	—	—	—	33	27	8	21	—	22	23	—	36
Clerical and kindred workers	38	14	19	14	14	1 015	557	411	1 086	281	1 185	1 126	200	833
Bookkeepers	14	—	—	—	—	125	97	62	236	43	136	104	14	70
Cashiers	—	—	—	—	—	4	3	—	—	—	—	17	—	8
Counter clerks, except food	—	—	—	—	—	—	—	—	10	—	16	—	—	4
File clerks	4	—	—	—	—	28	11	21	81	—	63	43	23	9
Office machine operators	5	7	5	5	5	39	35	24	102	27	80	70	23	20
Bookkeeping and billing machine operators	—	—	—	—	—	21	7	9	12	—	21	8	10	—
Receptionists	—	—	—	—	—	15	4	14	—	—	12	8	8	4
Secretaries	6	6	6	6	6	207	175	113	322	81	470	71	71	147
Stenographers	17	6	6	6	6	74	85	59	97	36	120	27	27	17
Typists	22	19	6	6	4	518	139	118	432	94	216	278	34	512
Other clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	4	7	—	—	—	45	86	66	312	25	161	48	10	158
Foremen, n.e.c.	—	—	—	—	—	—	20	—	242	21	25	41	5	34
Operatives, except transport	89	23	—	—	—	1 518	933	1 647	8 478	511	240	804	263	3 869
Assemblers	29	8	—	—	—	157	10	—	8	26	6	70	32	80
Checkers, examiners, and inspectors; manufacturing	14	5	—	—	—	34	10	131	318	34	30	47	19	116
Packers and wrappers, except meat and produce	—	—	—	—	—	141	532	79	236	134	48	384	59	136
Other operatives, except transport	42	10	—	—	—	1 186	381	1 437	7 916	317	156	303	153	3 037
Transport equipment operatives	—	—	—	—	—	—	10	—	—	5	—	—	8	—
Laborers, except farm	—	—	—	—	—	81	23	33	69	27	39	34	5	82
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	—	—	—	—	45	5	29	11	9	29	6	99
Cleaning service workers	—	—	—	—	—	—	4	5	4	4	4	24	—	29
Personal service workers	—	—	—	—	—	—	6	—	11	—	—	—	—	11
Other service workers, including private household	—	—	—	—	—	—	35	—	14	—	—	—	6	59

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communi-cations	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
JERSEY CITY SMSA													
Total employed	3 134	9 967	6 907	4 178	4 637	11 245	4 561	6 373	2 341	6 227	12 126	5 627	15 265
Professional, technical, and kindred workers	36	103	350	356	256	344	90	26	5	50	346	395	782
Accountants	5	42	84	35	25	91	9	6	—	—	23	86	304
Architects	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	4	3	12	22	16	55	9	—	—	—	9	107	136
Chemical	—	—	—	—	—	37	23	—	—	—	—	—	16
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	—	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	4	3	7	77	30	6	15	—	—	—	—	—	—
Other engineers	—	—	—	—	—	26	8	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	6	6	—	5	10	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	5	12	23	32	15	40	10	4	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	5	18	59	91	46	44	15	5	—	—	—	—	—
Draftsmen	—	—	—	—	—	11	15	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	11	5	8	26	14	22	15	11	—	—	—	—	—
Managers and administrators, except farm	419	323	373	181	120	998	431	878	258	744	1 083	299	1 585
Buyers, purchasing agents, and sales managers	10	36	11	11	11	266	196	144	27	5	198	5	26
Other managers and administrators	409	277	340	170	120	732	235	734	231	739	885	294	1 559
Subtotal	409	277	340	170	115	646	197	388	172	418	621	284	1 539
Self-employed	—	43	23	—	5	86	38	346	59	321	264	10	20
Sales workers	4	40	68	53	24	1 314	1 476	1 191	367	120	4 578	933	1 087
Clerical and kindred workers	739	2 069	1 964	2 539	1 067	3 535	1 767	1 442	250	240	2 239	3 717	9 800
Bookkeepers	57	124	138	117	95	677	151	83	116	46	388	232	1 038
Cashiers	5	24	199	25	11	22	378	987	23	109	183	50	26
Estimators and investigators, n.e.c.	4	13	21	34	16	15	52	17	—	—	—	—	—
Office machine operators	27	80	53	91	36	157	118	32	5	6	114	272	481
Shipping and receiving clerks	100	232	253	33	6	323	133	22	—	—	95	15	75
Stock clerks and storekeepers	25	67	47	27	27	166	110	85	—	—	141	99	175
Other clerical and kindred workers	521	1 529	1 253	2 236	856	2 175	825	216	81	69	1 302	3 113	7 704
Craftsmen and kindred workers	939	735	646	949	986	925	227	369	760	29	1 025	108	269
Blacksmiths, forgemen, hammermen, and boiler-makers	8	—	—	—	38	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters	51	12	21	—	4	20	4	—	7	—	—	—	35
Cranemen, derrickmen, and hoistmen	24	6	54	14	35	55	6	5	—	—	—	—	6
Electricians	72	—	—	—	—	—	—	—	—	—	—	—	5
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.	106	282	84	61	77	212	87	53	13	—	82	40	92
Mechanics and repairmen	158	400	330	33	209	381	69	43	703	6	243	6	30
Automobile, including body	—	334	172	—	25	117	—	14	—	—	7	—	—
Machinists, job setters, and toolmakers	25	—	—	—	20	10	—	—	11	—	5	—	—
Metal craftsmen, except mechanics and machinists	—	—	—	6	5	20	—	—	—	—	21	—	—
Painters, construction and maintenance, and plasterers and paperhangers	12	—	16	—	—	—	—	—	10	8	9	7	22
Plumbers and pipe fitters	26	9	16	20	15	15	—	—	—	—	3	—	4
Printing craftsmen	30	—	5	—	—	—	—	—	—	—	—	—	5
Stationary engineers and power station operators	8	5	22	7	146	30	—	—	5	—	—	—	9
Other craftsmen and kindred workers	414	21	94	797	418	149	39	258	11	15	634	19	61
Operatives, except transport	163	181	301	30	294	1 598	113	1 064	612	11	600	11	92
Assemblers	5	—	5	5	—	35	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	4	—	—	—	4	—	—	—	—	6	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	89	76	161	10	29	66	—	—	5	—	15	—	44
Other specified operatives	12	33	11	6	192	1 088	98	1 025	586	6	495	7	23
Machine operatives, miscellaneous specified	12	33	11	6	15	127	—	—	12	5	32	—	11
Machine operatives, not specified	21	39	75	6	28	124	15	10	7	15	25	4	23
Miscellaneous operatives	—	6	4	—	—	22	—	—	4	—	18	—	10
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

JERSEY CITY SMSA—Continued

Total employed—Continued

Transport equipment operatives.....	362
Deliverymen and roulemen.....	6
Truck drivers.....	41
Other transport equipment operatives.....	315
Laborers, except farm.....	325
Freight, stock, and material handlers.....	135
Other specified laborers.....	35
Miscellaneous laborers.....	115
Not specified laborers.....	40
Farm workers.....	—
Service workers, including private household.....	147
Cleaning service workers.....	42
Personal service workers.....	21
Guards and watchmen.....	9
Other service workers, including private household.....	75
Female employed.....	213
Accountants.....	23
Computer specialists.....	17
Life and physical scientists.....	—
Registered nurses, dietitians, and therapists.....	—
Social scientists.....	—
Writers, artists, and entertainers.....	—
Other professional, technical, and kindred workers.....	6
Managers and administrators, except farm.....	10
Soldiers.....	6
Self-employed.....	4
Sales workers.....	4
Clerical and kindred workers.....	104
Bookkeepers.....	72
Cashiers.....	7
Counter clerks, except food.....	7
File clerks.....	76
Office machine operators.....	62
Bookkeeping and billing machine operators.....	10
Receptionists.....	9
Secretaries.....	190
Stenographers.....	4
Typists.....	243
Other clerical and kindred workers.....	436
Foremen, n.e.c.....	23
Operatives, except transport.....	9
Assemblers, examiners, and inspectors; manufacturing.....	10
Packers and wrappers, except meat and produce.....	—
Other operatives, except transport.....	12
Transport equipment operatives.....	10
Laborers, except farm.....	53
Farm workers.....	45
Service workers, including private household.....	—
Cleaning service workers.....	14
Personal service workers.....	5
Other service workers, including private household.....	9

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communi-cations	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
1 533	4 021	1 533	5	611	1 123	60	265	33	61	740	4	77
8	347	8	5	—	326	41	192	10	50	418	—	29
75	3 430	1 450	—	166	533	12	37	12	11	221	—	21
244	—	—	—	445	244	7	36	11	—	101	4	27
1 293	2 266	1 293	9	1 065	1 354	142	989	47	16	500	6	162
1 171	2 139	1 171	4	720	1 171	110	966	25	11	279	—	40
76	53	76	—	161	182	16	77	5	—	192	—	35
27	10	27	5	53	52	16	11	17	5	29	6	38
—	64	—	—	—	142	—	—	—	—	—	—	49
—	—	—	—	—	—	—	—	—	—	—	—	—
379	229	379	56	214	254	255	149	9	4 956	1 015	224	1 411
144	135	144	45	91	115	67	55	9	91	78	138	867
58	15	58	6	17	24	33	24	—	32	42	—	176
18	73	18	—	12	54	60	24	—	13	20	—	211
159	6	159	5	94	61	95	65	—	4 820	875	35	157
1 138	1 299	1 138	2 562	721	3 324	2 979	2 089	242	2 336	5 300	3 451	7 967
72	23	72	95	16	34	24	4	—	18	58	53	192
44	—	44	16	6	16	—	—	—	—	13	—	104
7	—	7	10	5	—	—	—	—	—	—	—	36
—	—	—	9	—	—	5	—	—	—	5	—	—
—	—	—	14	—	—	9	—	—	18	5	—	24
13	6	13	46	5	8	10	4	—	—	35	35	28
68	10	68	52	—	162	141	141	17	128	187	124	343
5	4	5	—	—	162	152	59	17	35	154	119	338
—	—	—	—	—	—	—	82	—	73	33	—	5
5	4	5	36	—	196	1 057	515	17	44	2 539	219	242
825	1 104	825	2 294	590	2 350	1 463	939	172	175	1 586	3 072	6 598
92	72	92	80	35	305	133	77	96	28	310	187	653
71	—	71	18	5	505	342	691	23	100	159	10	15
5	7	5	51	5	31	31	9	—	9	19	—	—
25	76	25	56	17	55	85	—	—	5	77	355	328
41	62	41	67	20	136	101	27	5	6	64	202	454
—	10	—	—	6	38	107	4	—	6	12	5	86
—	9	—	24	—	38	6	4	5	—	15	—	87
247	190	247	333	55	386	223	17	17	12	208	718	1 324
15	4	15	8	11	5	—	—	—	—	45	45	37
21	243	21	164	78	306	111	5	—	—	59	490	854
211	436	211	1 493	364	666	431	102	14	15	665	1 052	2 848
7	23	7	35	27	35	41	25	10	5	93	39	20
9	9	9	15	6	13	32	5	—	—	9	19	15
24	22	24	6	3	643	79	346	21	6	382	—	32
5	—	5	—	—	24	—	—	—	—	—	—	—
10	—	10	—	—	368	41	—	—	—	—	—	—
9	10	9	6	3	251	38	224	21	6	342	—	32
35	53	35	—	5	—	—	—	—	—	11	—	16
29	45	29	—	9	60	12	74	—	—	44	6	33
—	—	—	—	—	—	—	—	—	—	—	—	—
68	15	68	44	71	44	151	45	5	1 960	430	138	491
15	15	15	33	39	19	18	9	5	9	4	98	358
—	—	—	6	6	19	28	9	—	13	37	—	33
—	—	—	5	23	6	105	36	—	1 938	389	—	100

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	JERSEY CITY SMSA										Public adminis- tration	
	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertain- ment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations		Other professional and related services
Total employed	5 373	4 138	1 091	7 361	1 363	6 639	2 741	7 766	3 680	2 940	7 208	13 471
Accountants	696	112	33	181	371	2 480	1 209	5 312	2 244	1 151	3 427	917
Architects	81	11	12	—	—	4	6	—	5	32	184	184
Computer specialists	96	—	—	—	—	—	—	—	—	—	110	9
Engineers	43	6	—	—	4	—	—	17	53	—	58	38
Chemical	—	—	—	—	—	—	—	—	15	7	242	132
Civil	—	—	—	—	—	—	—	—	5	—	5	5
Electrical and electronic	5	6	—	—	—	—	—	—	43	—	88	43
Industrial	28	—	—	—	—	—	—	—	20	—	90	25
Mechanical	—	—	—	—	—	—	—	10	5	—	31	31
Other engineers	10	—	—	—	—	—	—	7	5	7	16	7
Mathematical specialists	—	8	—	—	—	—	—	—	9	—	7	—
Life and physical scientists	—	—	—	—	—	30	14	—	10	—	12	—
Chemists	—	—	—	—	—	25	9	—	4	—	8	6
Personnel and labor relations workers	150	—	12	—	4	—	—	3	17	5	12	117
Social scientists	92	—	—	—	—	11	—	11	—	5	10	25
Engineering and science technicians	33	9	3	—	—	—	—	11	35	—	223	15
Draftsmen	17	9	—	—	—	—	—	—	6	—	179	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	6	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	141	—	—	19	—	14	—	10	28	—	188	53
Writers, artists, and entertainers	65	78	6	47	209	2 409	1 174	5 249	2 072	1 050	2 124	285
Other professional, technical, and kindred workers	323	153	63	393	99	92	39	314	167	311	167	834
Managers and administrators, except farm	45	16	—	5	—	6	—	—	—	—	3	—
Buyers, purchasing agents, and sales managers	278	137	63	388	99	86	39	314	167	286	164	813
Other managers and administrators	263	105	39	208	157	86	—	314	153	288	153	813
Salaried	15	32	15	180	27	—	—	—	10	8	11	—
Self-employed	160	34	—	68	44	11	—	8	22	21	17	25
Sales workers	1 936	652	301	641	958	1 067	520	1 086	650	897	2 466	4 735
Clerical and kindred workers	193	112	77	201	20	60	36	39	51	102	218	206
Bookkeepers	—	15	31	56	63	—	—	20	8	—	—	—
Cashiers	17	—	—	—	—	—	—	—	5	17	—	—
Estimators and investigators, n.e.c.	204	28	—	26	20	14	6	41	23	19	96	105
Office machine operators	60	—	—	—	6	—	—	4	7	5	4	30
Shipping and receiving clerks	40	10	—	—	—	51	5	13	—	7	61	—
Stock clerks and storekeepers	—	497	193	442	149	892	473	969	556	741	2 148	4 204
Other clerical and kindred workers	1 392	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	305	1 943	56	406	102	109	157	133	64	74	148	476
Blacksmiths, forgers, hammermen, and boilermakers	—	22	—	—	—	3	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	10	—	—	—	—	5	—	8	—	—
Carpenters	4	—	—	—	—	—	—	15	14	5	5	15
Cranemen, derrickmen, and hoistmen	—	—	—	—	6	8	—	6	—	11	—	—
Electricians	—	—	—	—	—	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	43	48	9	60	7	24	9	12	6	22	22	70
Foremen, n.e.c.	103	1 654	38	38	35	10	4	22	15	—	18	188
Mechanics and repairmen	19	1 022	—	11	—	—	—	—	—	—	—	88
Automobile, including body	—	—	—	—	—	—	—	—	12	—	—	9
Machinists, job setters, and toolmakers	6	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	7	—	—	—	—	—	—	—	—	6	—
Painters, construction and maintenance, and plasterers and paperhangers	10	4	18	10	—	37	—	22	—	3	4	11
Plumbers and pipe fitters	34	5	—	—	5	13	—	4	12	8	4	28
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	14
Stationary engineers and power station operators	101	203	10	298	49	9	144	20	—	12	84	73
Other craftsmen and kindred workers	554	446	22	1 534	92	207	68	61	25	49	152	97
Operatives, except transport	19	7	—	—	—	—	4	7	—	6	5	—
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	7	9	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and butlers	—	70	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	87	—	7	—	—	—	—	—	—	6	—
Precision machine operators	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	293	185	16	1 464	73	202	49	54	20	—	114	72
Other specified operatives	29	—	—	—	5	5	11	—	—	—	6	6
Machine operatives, miscellaneous specified	29	—	—	14	14	10	—	—	—	—	—	—
Machine operatives, not specified	171	56	—	21	14	—	4	—	—	—	6	15
Miscellaneous operatives	—	9	—	—	—	—	—	—	—	—	—	—
Not specified operatives	6	—	6	18	—	—	—	—	—	—	7	4

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

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

JERSEY CITY SMSA - Continued

Total employed - Continued

	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit organizations	Other professional and related services	Public administration
Deliveriesmen and roulemen	44	139	10	375	8	34	37	16	9	26	61	330
Truck drivers	17	19	5	236	8	5	17	5	5	9	8	192
Other transport equipment operatives	14	55	5	64	—	29	20	17	4	17	53	131
Laborers, except farm	163	216	15	159	26	29	5	11	5	23	82	1 042
Freight, stock, and material handlers	75	15	7	19	13	13	5	11	—	5	75	283
Other specified laborers	13	162	—	101	26	11	5	11	—	5	11	11
Miscellaneous laborers	12	10	—	16	—	—	—	—	—	13	7	63
Not specified laborers	63	29	8	23	—	5	—	—	—	—	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	1 222	433	582	3 404	363	2 610	706	825	484	388	688	5 015
Cleaning service workers	742	45	267	98	65	456	82	610	307	209	36	276
Personal service workers	25	18	125	1 785	190	124	22	86	34	80	7	171
Gardeners and watchmen	395	—	10	9	4	68	—	12	5	—	—	22
Other service workers, including private household	60	370	180	1 712	104	1 962	602	117	148	99	645	4 397
Female employed	2 437	875	494	4 264	489	5 112	1 661	5 023	2 156	1 400	3 764	2 995
Professional, technical, and kindred workers	202	30	6	37	105	2 087	461	3 579	1 320	385	1 048	217
Accountants	20	5	—	—	—	—	6	5	5	—	4	37
Computer specialists	11	—	—	—	—	—	—	—	—	—	—	5
Life and physical scientists	—	—	—	—	—	—	9	—	—	—	—	6
Registered nurses, dietitians, and therapists	4	5	—	14	—	10	—	—	—	—	—	14
Social scientists	—	—	—	—	—	1 695	357	98	9	11	9	—
Writers, artists, and entertainers	49	—	—	18	50	5	—	17	17	29	41	19
Other professional, technical, and kindred workers	118	20	6	5	55	363	89	3 455	1 283	341	952	136
Managers and administrators, except farm	72	5	10	60	15	57	15	103	101	82	63	110
Salaried	67	—	10	57	10	—	15	103	101	74	63	—
Self-employed	5	5	—	52	5	—	—	—	—	8	—	—
Sales workers	81	15	—	55	33	7	—	8	17	12	—	6
Clerical and kindred workers	1 401	515	182	569	200	928	477	936	478	769	2 144	1 916
Bookkeepers	137	83	36	77	44	44	36	25	44	91	128	119
Cashiers	12	17	10	51	51	37	—	23	23	6	—	23
Counter clerks, except food	88	17	5	187	—	6	—	9	4	—	—	82
File clerks	119	12	—	9	—	76	—	20	22	11	46	82
Office machine operators	28	17	—	21	11	10	6	10	—	19	82	91
Bookkeeping and billing machine operators	50	5	—	19	4	42	150	13	19	22	45	26
Receptionists	387	65	33	48	55	153	209	312	181	344	1 077	268
Secretaries	14	—	—	18	9	20	8	45	27	—	—	27
Typists	201	43	22	134	60	162	35	166	93	155	155	410
Other clerical and kindred workers	393	261	72	134	378	378	33	326	111	133	587	895
Foremen, n.e.c.	22	53	5	39	4	12	8	8	4	—	2	16
Craftsmen and kindred workers	4	3	5	18	4	8	—	—	—	—	—	11
Operatives, except transport	265	112	17	876	5	125	40	7	9	3	63	16
Checkers, examiners, and inspectors; manufacturing	19	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	57	6	—	25	—	4	—	—	4	—	4	—
Other operatives, except transport	189	106	17	851	5	121	40	—	5	3	54	16
Transport equipment operatives	—	12	—	—	—	—	—	—	—	4	—	6
Laborers, except farm	39	—	—	15	3	13	—	—	—	—	7	40
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	355	133	273	2 561	124	1 883	660	382	287	145	437	668
Personal service workers	14	5	166	28	36	201	57	206	52	28	3	56
Other service workers, including private household	341	12	28	953	46	58	64	64	24	59	7	38
Not specified	22	116	79	1 580	42	1 624	581	112	111	—	427	574

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
					Total	Durable goods						
						Furniture, lumber and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
NEWARK SMSA												
Total employed												
Accountants	762 303	3 918	719	35 587	249 625	3 866	3 569	3 525	6 018	18 448	22 302	42 003
Administrative	130 640	210	137	1 615	33 230	91	348	279	552	1 551	2 915	7 475
Architects	8 549	5	17	103	2 470	5	55	72	64	159	229	475
Computer specialists	3 827	28	—	9	34	—	—	—	—	4	12	6
Engineers	18 457	—	49	25	1 226	5	4	6	8	76	212	336
Engineers, civil	2 007	—	5	48	10 542	11	122	62	204	604	1 252	3 279
Engineers, electrical	1 867	—	6	602	1 726	—	9	—	—	40	17	38
Engineers, industrial	4 719	—	—	—	256	—	20	4	—	29	11	844
Engineers, mechanical	2 471	—	—	56	2 461	11	46	10	57	131	130	541
Other engineers	3 084	—	10	—	2 020	—	16	14	14	173	455	363
Mathematical specialists	4 309	—	28	92	2 359	—	25	29	98	207	477	464
Life and physical scientists	548	—	6	—	126	—	7	—	—	—	9	10
Chemists	4 425	19	10	20	3 126	—	15	38	84	26	28	55
Personnel and labor relations workers	3 367	—	31	10	2 759	—	15	31	80	16	22	24
Social scientists	1 777	—	10	30	2 267	—	37	7	27	95	142	226
Engineering and science technicians	9 536	7	9	221	1 698	12	12	11	11	35	43	77
Technicians, electrical and electronic	3 626	—	4	129	2 986	21	54	85	101	348	579	1 653
Technicians, industrial and mechanical	1 439	—	4	5	1 006	—	—	35	9	238	93	728
Technicians, except health, and engineering and science	674	—	6	—	283	—	—	4	5	11	10	46
Writers, artists, and entertainers	8 157	43	5	13	3 871	3	10	—	—	4	22	14
Other professional, technical, and kindred workers	69 527	108	4	128	3 823	6	21	4	49	131	131	465
Managers and administrators, except farm	68 195	100	120	3 265	19 075	317	374	203	415	1 416	1 923	2 502
Buyers, purchasing agents, and sales managers	10 173	—	17	146	3 630	41	65	41	74	273	491	556
Other managers and administrators	58 022	100	103	3 119	15 445	276	309	162	331	1 143	1 432	1 946
Sales and related workers	52 070	74	98	243	14 942	243	309	153	331	1 087	1 404	1 938
Self-employed	5 952	26	5	755	483	33	—	9	10	56	28	8
Sales workers	59 033	102	17	305	7 796	131	185	114	114	346	755	461
Clerical and kindred workers	158 509	235	110	2 575	38 261	475	504	396	704	2 807	3 306	6 610
Bookkeepers	16 559	50	10	176	4 267	85	66	35	70	408	440	620
Cashiers	7 253	—	—	—	146	—	—	6	—	11	—	—
Estimators and investigators, n.e.c.	2 900	—	—	—	526	—	—	—	—	46	—	—
Office machine operators	5 137	—	8	350	2 185	33	5	—	4	106	66	157
Shipping and receiving clerks	5 137	—	—	20	2 898	61	54	75	66	297	262	488
Stock clerks and storekeepers	115 068	185	92	1 733	1 914	27	322	5	51	109	236	483
Other clerical and kindred workers	92 376	146	101	19 834	40 146	989	491	907	1 220	3 816	5 508	5 798
Blacksmiths, forgers, hammermen, and boilermakers	1 998	—	—	—	88	—	—	38	10	25	10	13
Brickmasons and stonemasons	5 204	17	—	3 698	88	—	31	5	8	4	8	3
Carpenters	3 799	—	6	3 026	501	—	15	5	32	38	30	36
Cranemen, derrickmen, and hoistmen	3 203	—	—	1 777	308	—	11	59	39	66	43	345
Electricians	1 224	11	20	1 843	1 228	4	22	6	68	66	96	7
Excavating, grading, and road machine operators	16 593	—	—	—	46	—	—	—	—	—	—	—
Foremen, n.e.c.	7 482	99	32	1 253	10 372	154	164	213	340	876	972	1 795
Mechanics and repairmen	8 528	5	17	77	5 930	56	75	81	160	543	904	1 983
Machinists, job setters, and toolmakers	2 835	—	—	—	493	—	—	144	256	1 318	2 837	1 457
Metal craftsmen, except mechanics and machinists	3 202	5	—	393	8 004	52	46	144	168	636	397	375
Painters, construction and maintenance, and plasterers and paperhangers	3 416	—	—	2 202	2 286	4	—	272	168	636	397	375
Plumbers and pipe fitters	3 905	—	4	1 968	850	5	6	20	20	17	81	40
Printing craftsmen	2 049	—	—	3 584	3 584	4	5	5	10	59	24	37
Stationary engineers and power station operators	20 045	6	8	10	629	5	105	41	13	17	18	72
Other craftsmen and kindred workers	112 170	42	136	1 196	93 311	1 477	1 185	1 232	2 507	7 340	6 889	17 896
Operatives, except transport	13 463	5	—	55	19 485	255	46	141	144	876	1 451	5 016
Assemblers	9 485	—	—	—	35	—	171	101	327	806	1 451	3 139
Checkers, examiners, and inspectors; manufacturing	1 226	—	—	—	1 167	—	22	16	45	339	122	130
Filers, polishers, sanders, and buffers	1 897	—	—	—	48	—	4	15	15	147	96	111
Painters, manufactured articles	4 665	7	—	22	904	4	45	12	108	716	1	832
Welders and flamecutters	3 310	—	—	314	4 514	36	3	36	52	594	413	553
Other specified operatives	47 785	23	136	563	33 129	511	270	248	700	1 561	808	2 630
Machine operatives, miscellaneous specified	10 708	7	—	85	10 673	172	292	226	408	728	356	1 996
Machine operatives, not specified	5 693	—	—	—	147	—	183	162	368	1 123	178	473
Miscellaneous operatives	3 432	—	—	—	4 582	101	86	83	295	1 233	168	1 438
Not specified operatives	—	—	—	—	3 081	61	72	84	103	272	71	558

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

NEWARK SMSA—Continued

Total employed—Continued

Occupation	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including nonferrous and specialty metal	Machinery, except electrical	Electrical, machinery, equipment, and supplies
Deliverymen and routemen	27 087	65	56	1 161	132	268	97	167	350	289	282
Truck drivers	6 284	20	74	174	19	31	13	72	23	32	72
Other transport equipment operators	11 893	45	56	923	59	130	57	62	145	104	104
	8 990			164	54	107	27	93	182	87	146
Laborers, except farm	98 094	1 354	37	5 373	191	151	176	166	568	382	655
Freight, stock, and material handlers	13 465	21	19	105	136	68	47	43	246	199	430
Other specified laborers	11 873	1 304	18	5 250	21	16	17	16	63	37	35
Miscellaneous laborers	1 010	18	—	—	21	13	41	22	78	32	32
Not specified laborers	2 536	11	—	16	23	54	71	85	181	74	140
Farm workers	1 612	1 612	—	—	—	—	—	—	—	—	—
Service workers, including private household	83 647	52	5	263	63	63	121	173	254	355	760
Personal service workers	15 591	17	—	137	48	51	80	92	162	241	437
Guards and watchmen	9 242	4	—	27	5	—	5	11	—	—	52
Other service workers, including private household	3 378	31	—	49	5	—	36	55	62	68	150
	35 338	—	—	50	5	12	—	15	30	46	121
Female employed	294 775	748	125	2 039	848	876	307	1 014	4 360	4 230	17 379
Professionals, technical, and kindred workers	47 125	27	10	48	—	47	24	78	127	168	506
Computer specialists	1 332	—	—	10	—	18	12	10	14	42	69
Life and physical scientists	853	—	—	—	—	—	—	—	—	—	39
Registered nurses, dietitians, and therapists	605	—	—	5	—	4	—	12	—	31	25
Social scientists	9 432	—	—	—	—	5	—	12	14	9	29
Writers, artists, and entertainers	2 290	—	—	—	—	—	—	6	6	—	42
Other professional, technical, and kindred workers	32 327	14	—	7	—	10	6	38	57	20	302
Managers and administrators, except farm	8 760	3	11	77	20	18	4	17	84	89	124
Salaried, self-employed	7 798	3	11	77	15	18	4	17	84	89	124
	962	—	—	—	5	—	—	—	—	—	—
Sales workers	20 633	5	—	26	5	10	5	11	20	23	22
Clerical and kindred workers	116 165	199	76	1 559	316	341	181	432	1 794	2 210	4 487
Bookkeepers	13 084	43	10	329	69	66	35	54	281	351	427
Cashiers	5 968	4	—	4	—	—	6	—	6	12	10
Counter clerks, except food	1 454	5	—	—	—	—	—	—	14	5	77
File clerks	4 390	4	—	5	23	24	5	17	61	48	236
Office machine operators	5 350	—	10	35	28	28	29	29	59	99	397
Bookkeeping and billing machine operators	778	—	8	—	5	6	—	5	10	5	14
Receptionists	2 659	39	5	29	66	6	—	5	45	59	47
Secretaries	31 602	65	26	747	—	120	65	166	689	900	1 245
Stenographers	1 071	9	7	136	4	46	41	63	23	336	8
Typists	14 383	39	10	239	85	50	23	103	369	376	1 307
Other clerical and kindred workers	36 204	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.	4 437	—	—	209	44	40	34	23	119	111	483
Operatives, except transport	1 629	—	—	7	13	26	—	7	39	27	195
Assemblers	50 670	19	28	49	443	393	51	432	2 094	1 573	11 406
Checkers, examiners, and inspectors; manufacturing	8 012	5	—	10	77	33	4	16	349	368	3 688
Packers and wrappers, except meat and produce	4 931	—	—	—	19	135	4	4	380	357	2 017
Other operatives, except transport	5 592	5	—	—	40	171	24	230	201	89	331
Transport equipment operatives	32 135	9	28	39	307	136	43	—	1 164	548	5 370
Laborers, except farm	1 023	—	—	3	—	—	—	—	14	5	4
Farm workers	2 252	98	—	45	15	22	4	11	88	16	207
Service workers, including private household	43 338	25	—	23	5	5	4	10	20	35	140
Personal service workers	3 382	6	—	23	—	—	—	6	9	9	58
Other service workers, including private household	34 294	15	—	—	—	—	—	—	11	—	66

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 — Continued

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

	Manufacturing — Continued												
	Durable goods — Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, not specified manufacturing
NEWARK SMSA													
Total employed	5 431	2 676	423	4 420	26 523	12 935	3 312	12 100	5 731	13 417	36 198	8 723	18 005
Professional, technical, and kindred workers	266	520	48	1 617	2 063	808	261	317	404	1 772	8 880	586	2 913
Accountants	51	29	6	53	142	84	30	53	75	70	64	64	205
Architects	—	—	—	—	—	6	—	—	—	—	6	—	58
Computer specialists	14	11	—	26	53	55	7	12	9	39	289	6	509
Engineers	104	273	31	906	428	213	42	—	111	41	1 627	33	82
Chemical	5	16	—	84	25	42	—	—	14	—	52	17	30
Civil	—	9	—	4	—	14	—	—	5	—	68	—	46
Electrical and electronic	4	61	10	145	42	42	91	—	47	16	256	50	128
Industrial	28	81	—	159	81	42	17	—	15	13	151	73	157
Mechanical	24	42	10	357	108	44	17	—	24	206	97	97	19
Other engineers	43	113	11	157	172	68	4	—	—	15	40	—	226
Mathematical specialists	—	—	—	4	—	5	—	—	5	—	2 451	—	216
Life physical scientists	—	5	—	100	50	111	33	—	—	—	2 093	—	226
Chemists	—	5	—	49	44	89	33	—	—	—	367	—	85
Personnel and labor relations workers	5	19	—	51	49	44	9	16	38	41	10	15	104
Social scientists	7	16	—	6	21	39	11	34	20	20	1 851	101	364
Engineering and science technicians	30	119	6	322	237	125	41	25	55	95	1 600	23	59
Draftsmen	10	43	6	126	89	6	6	—	—	—	45	—	5
Industrial and electronic engineering technicians	—	22	—	60	37	15	—	—	10	—	52	—	5
Industrial and mechanical engineering technicians	10	8	—	18	20	43	4	—	66	1 386	305	23	131
Technicians, except health, and engineering and science	4	16	—	53	224	83	78	8	25	79	1 114	34	763
Writers, artists, and entertainers	35	17	—	89	82	—	6	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	179	208	79	202	1 822	960	451	574	560	1 386	3 457	759	1 288
Buyers, purchasing agents, and sales managers	36	34	10	29	256	240	89	143	118	279	664	616	1 062
Other managers and administrators	143	174	69	173	1 566	690	362	422	442	1 048	2 793	143	1 008
Salaried	143	174	69	173	1 566	690	362	422	442	1 048	2 793	143	1 008
Self-employed	—	—	—	—	67	30	14	37	11	59	44	17	—
Sales workers	66	36	22	5	596	675	286	331	367	1 300	1 144	226	636
Clerical and kindred workers	592	336	34	910	3 858	1 358	456	808	726	3 142	7 536	1 071	2 632
Bookkeepers	30	45	5	66	396	146	85	176	136	331	691	150	266
Cashiers	4	—	—	—	9	29	—	—	—	—	32	—	20
Estimators and investigators, n.e.c.	10	15	—	16	25	23	23	4	17	73	95	5	177
Office machine operators	29	15	—	43	147	104	19	119	27	186	406	57	169
Shipping and receiving clerks	33	54	5	111	242	124	55	102	79	154	462	158	132
Stock clerks and storekeepers	56	35	—	71	158	57	34	35	49	50	274	79	58
Other clerical and kindred workers	379	193	24	697	2 881	857	263	372	418	2 338	5 576	617	1 970
Craftsmen and kindred workers	1 024	543	79	531	3 818	2 339	358	951	847	3 727	3 863	1 357	2 026
Blacksmiths, forgers, blowermen, and boilermakers	—	—	—	—	7	10	—	—	—	—	13	—	—
Brickmasons and stonemasons	6	4	—	5	61	19	—	—	—	4	63	12	27
Carpenters	—	—	—	—	—	—	—	—	—	—	—	—	—
Croftmen, derrickmen, and hoistmen	—	—	—	—	—	—	—	—	—	—	—	—	—
Electricians	28	35	6	13	60	58	16	7	23	21	258	48	50
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Ironing, and laundry workers	267	103	38	122	672	636	182	420	292	430	1 637	538	421
Janitors, and cleaners	349	119	11	73	420	396	106	32	206	163	754	263	236
Automobile including body	270	—	—	—	17	94	—	—	—	—	31	—	9
Machinists, job setters, and toolmakers	153	197	—	149	419	128	19	20	71	48	252	340	98
Metal craftsmen, except mechanics and machinists	42	42	—	64	98	5	—	6	29	25	83	18	18
Painters, construction and maintenance, and plasterers and paperhangers	36	9	—	9	30	5	—	—	—	14	59	12	9
Plumbers and pipe fitters	43	15	—	18	5	63	—	9	11	5	315	19	131
Printing craftsmen	4	—	—	9	—	20	20	9	152	2 980	91	58	33
Stationary engineers and power station operators	14	10	—	13	56	102	—	4	44	6	165	32	49
Other craftsmen and kindred workers	82	5	4	44	1 946	897	11	444	8	31	107	17	916
Operatives, except transport	2 868	901	107	885	12 424	3 804	1 291	8 838	2 211	1 508	8 802	4 198	6 948
Assemblers	1 394	116	12	97	2 270	111	5	49	104	122	433	273	294
Checkers, examiners, and inspectors: manufacturing	319	204	—	315	656	235	65	269	142	186	648	405	711
Filers, polishers, sanders and buffers	91	37	—	6	235	6	—	6	6	5	38	11	14
Painters, manufactured articles	206	29	—	10	84	—	5	—	—	19	57	9	39
Precision machine operatives	118	215	15	29	259	11	13	—	12	13	60	58	85
Welders and flame cutters	212	88	46	119	125	11	—	—	3	15	143	10	71
Other specified operatives	188	88	8	147	958	1 991	1 203	7 647	608	480	3 102	846	4 227
Machine operatives, miscellaneous specified	82	32	8	36	177	408	—	203	64	334	1 685	1 344	502
Machine operatives, not specified	131	77	—	147	1 277	404	—	103	60	839	1 916	839	456
Miscellaneous operatives	57	12	—	36	419	213	—	193	150	141	425	229	271
Not specified operatives	—	—	—	—	285	214	—	360	28	68	345	174	278

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

	Manufacturing - Continued												
	Durable goods - Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
The State													
Standard Metropolitan Statistical Areas of 250,000 or More													
NEWARK SMSA - Continued													
Total employed - Continued													
Transport equipment operatives	143	25	-	57	474	1 882	65	51	293	277	574	124	372
Deliverymen and routemen	10	-	-	-	79	1 092	11	115	15	115	49	18	38
Truck drivers	62	10	-	24	38	580	31	29	135	131	223	53	67
Other transport equipment operatives	71	15	-	33	337	260	19	-	143	31	302	53	267
Laborers, except farm	146	48	49	97	836	661	97	132	203	166	972	265	783
Freight, stock, and material handlers	65	10	25	48	299	422	62	88	151	124	573	164	142
Other specified laborers	40	6	16	8	382	120	8	14	6	15	167	17	434
Miscellaneous laborers	8	5	8	27	14	114	7	4	3	3	21	17	31
Not specified laborers	33	7	-	16	141	105	27	21	43	23	161	67	116
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	147	59	5	116	632	448	47	98	120	139	1 090	137	467
Cleaning service workers	103	47	5	46	301	228	37	57	86	118	658	122	103
Personal service workers	-	-	-	-	16	4	-	4	4	5	14	-	5
Guards and watchmen	23	12	-	42	70	51	6	5	9	7	132	11	27
Other service workers, including private household	21	-	-	28	245	165	-	20	20	9	216	4	332
Female employed	582	470	23	1 152	10 534	2 669	909	9 162	1 373	4 606	10 991	3 133	5 778
Professional, technical, and kindred workers	23	11	-	119	163	98	41	120	32	524	1 478	48	224
Accountants	4	6	-	27	11	4	-	8	6	14	55	18	21
Computer specialists	-	-	-	5	-	9	-	-	-	11	33	5	4
Life and physical scientists	-	-	-	5	-	17	-	-	-	-	379	5	9
Registered nurses, dietitians, and therapists	10	-	-	6	6	6	-	-	-	6	112	-	5
Social scientists	5	-	-	12	36	27	27	95	15	401	47	5	5
Writers, artists, and entertainers	4	5	-	64	110	62	34	17	11	82	805	20	156
Other professional, technical, and kindred workers	8	20	-	36	143	48	19	71	46	179	168	30	50
Managers and administrators, except farm	8	20	-	36	139	48	19	67	40	174	169	10	50
Salaried	-	-	-	-	4	-	-	4	6	5	-	-	-
Self-employed	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales workers	-	-	5	-	32	106	9	48	24	225	70	31	49
Clerical and kindred workers	237	176	12	641	2 603	838	305	631	462	2 305	5 550	712	1 796
Bookkeepers	26	40	-	34	278	130	70	141	118	288	519	117	178
Cashiers	-	-	-	-	9	10	-	-	-	10	26	5	10
Counter clerks, except food	29	6	-	19	49	36	6	8	-	100	65	-	-
File clerks	29	11	-	39	100	35	15	35	10	94	191	25	76
Office machine operators	-	-	-	31	87	69	6	103	22	121	222	57	95
Bookkeeping and billing machine operators	6	41	12	232	647	302	98	126	106	506	65	9	17
Receptionists	37	6	-	28	13	109	98	286	102	11	2 553	305	474
Secretaries	37	27	-	160	1 094	133	51	29	102	472	46	95	56
Stenographers	36	45	-	160	1 094	133	54	167	104	665	1 083	99	830
Other clerical and kindred workers	12	32	-	19	387	140	32	224	28	456	260	109	203
Craftsman and kindred workers	7	11	-	6	133	62	27	164	14	59	184	61	44
Foremen, n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-	-
Operatives, except transport	977	203	6	307	7 013	1 340	495	7 937	734	869	3 160	2 193	3 209
Assemblers	128	35	6	63	1 783	59	5	32	77	100	322	208	217
Checkers, examiners, and inspectors; manufacturing	50	40	-	89	434	52	18	248	94	398	140	281	148
Packers and wrappers, except meat and produce	9	-	-	5	528	770	31	197	196	148	1 275	297	99
Other operatives, except transport	90	128	-	150	4 268	459	441	7 459	367	546	1 165	1 407	2 753
Transport equipment operatives	-	-	-	-	4	22	-	-	18	10	11	-	-
Laborers, except farm	20	22	-	20	124	19	4	91	15	23	100	50	141
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	5	6	-	10	65	58	4	40	14	15	193	-	106
Cleaning service workers	-	6	-	6	23	10	-	10	9	6	47	-	5
Personal service workers	-	6	-	6	10	10	-	16	5	5	4	-	-
Other service workers, including private household	-	-	-	4	32	48	-	14	-	4	142	-	101

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail Trade				Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
NEWARK SMSA													
Total Employed	2 481	12 037	12 931	13 293	12 492	32 921	18 470	18 873	10 585	17 535	39 872	25 357	30 237
Professional, technical, and kindred workers	43	185	1 020	2 417	1 477	1 745	502	216	107	150	1 721	2 383	1 714
Accountants	21	57	146	169	147	274	131	40	45	17	155	617	533
Architects	—	8	16	152	58	153	5	24	—	4	26	13	9
Computer specialists	—	34	226	969	537	533	31	10	12	4	64	576	243
Engineers	22	—	—	—	32	17	13	10	—	—	88	88	91
Chemical	—	—	—	—	76	—	5	—	—	4	—	9	—
Electrical and electronic	11	10	17	766	283	35	8	5	—	—	15	—	—
Industrial	—	12	25	62	14	46	—	—	—	—	—	68	20
Mechanical	—	12	133	31	62	46	5	—	—	—	—	14	14
Other engineers	11	—	35	52	64	420	—	—	12	—	44	11	42
Mathematical specialists	—	—	—	26	—	11	12	5	6	—	—	145	6
Life and physical scientists	—	5	—	44	29	76	—	—	6	—	—	4	—
Chemists	—	—	—	—	39	46	—	—	—	—	—	11	—
Personnel and labor relations workers	—	46	95	248	39	145	133	67	11	19	93	270	176
Social scientists	—	3	18	52	50	52	4	—	10	—	25	87	181
Engineering and science technicians	—	4	17	215	282	93	11	5	7	3	13	5	28
Electrical and electronic technicians	—	4	3	89	146	24	11	5	7	3	4	—	10
Industrial and mechanical engineering technicians	—	—	—	100	53	35	—	—	—	—	—	—	14
Technicians except health and engineering and science	—	—	—	47	9	19	6	16	5	—	—	—	—
Writers, artists, and entertainers	—	14	29	266	101	138	96	—	—	97	154	117	68
Other professional, technical, and kindred workers	—	12	64	217	231	245	60	49	—	6	1	155	368
Managers and administrators, except farm	467	826	1 039	1 329	636	5 322	2 518	2 393	1 590	2 220	5 398	2 250	5 984
Buyers, purchasing agents, and sales managers	18	65	45	72	63	308	1 418	492	218	61	1 537	210	1 584
Other managers and administrators	449	761	994	1 257	573	3 805	1 901	1 901	1 218	2 139	3 861	2 040	5 402
Salaried	449	707	933	1 257	544	3 430	1 971	1 243	1 218	1 461	3 000	1 982	5 276
Self-employed	—	54	61	—	29	375	129	638	455	76	941	58	213
Sales workers	40	197	283	178	187	6 809	8 058	3 674	1 694	385	15 756	5 692	5 596
Clerical and kindred workers	480	1 929	3 053	6 169	3 308	8 888	4 272	4 927	1 181	1 230	6 700	13 932	13 785
Bookkeepers	39	266	1 174	328	353	1 714	471	399	513	325	1 066	1 106	1 551
Cashiers	9	25	271	37	49	62	1 133	216	45	623	648	46	103
Estimators and investigators, n.e.c.	15	51	68	127	99	62	158	3	10	81	268	84	451
Office machine operators	22	88	37	338	148	62	206	38	38	6	141	841	854
Shipping and receiving clerks	25	260	235	33	15	766	218	101	27	10	284	20	11
Stock clerks and storekeepers	8	69	34	28	73	282	218	288	35	16	412	76	82
Other clerical and kindred workers	362	1 170	2 221	5 278	2 571	5 356	1 804	782	513	250	3 591	11 575	10 733
Craftsmen and kindred workers	811	895	1 090	2 740	3 262	2 357	635	3 929	3 306	125	3 179	3 367	625
Blacksmiths, forgers, hammermen, and boilermakers	9	—	6	—	23	—	—	5	—	—	—	6	—
Brickmasons and stonemasons	—	—	—	—	15	—	—	—	—	—	—	—	—
Carpenters	13	12	6	—	20	51	9	21	6	—	113	5	48
Cranemen, derrickmen, and hoistmen	13	23	36	7	22	99	4	—	—	9	24	11	24
Electricians	76	16	39	—	168	50	—	—	—	—	—	—	14
Excavating, grading, and road machine operators	—	—	—	—	82	18	—	—	—	—	—	—	—
Foremen, n.e.c.	109	326	190	257	565	920	167	236	132	45	230	132	88
Mechanics and repairmen	164	429	691	60	667	132	284	24	3 129	18	608	30	99
Automobile, including body	—	377	331	—	120	107	31	4	3 054	52	32	30	5
Machinists, job setters, and toolmakers	11	—	11	21	43	107	5	—	12	5	24	11	5
Metal craftsmen, except mechanics and machinists	—	10	—	5	23	10	—	—	—	—	11	—	—
Painters, construction and maintenance, and plasterers and paperhangers	4	—	—	—	23	—	17	—	10	5	—	—	—
Plumbers and pipe fitters	15	4	5	37	155	23	40	10	5	—	75	—	—
Printing craftsmen	—	—	—	6	—	48	10	—	—	—	—	92	38
Stationary engineers and power station operators	29	35	21	35	304	303	34	10	—	—	—	21	29
Other craftsmen and kindred workers	368	66	37	2 322	1 130	303	178	619	12	43	1 886	45	145
Operatives, except transport	42	220	379	83	431	2 468	386	2 938	2 073	51	1 509	97	179
Assemblers	—	5	3	14	22	68	—	—	—	—	25	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specified operatives	11	22	6	10	30	85	—	5	—	—	13	—	—
Machine operatives, miscellaneous specified	5	122	133	30	182	1 630	332	2 741	2 019	44	1 303	46	100
Machine operatives, not specified	13	14	4	3	20	176	6	22	6	7	37	21	28
Miscellaneous operatives	13	3	4	9	25	149	33	97	15	—	23	11	21
Not specified operatives	—	7	4	11	9	98	15	45	5	—	28	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

Occupation	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communitations	Utilities and sanitary services	Wholesale trade	Retail trade					Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		Insurance
The State													
Standard Metropolitan Statistical Areas of 250,000 or More													
NEWARK SMSA—Continued													
Total employed—Continued													
Transport equipment operatives.....	339	5 913	3 460	98	1 145	3 051	456	591	274	147	2 026	44	71
Deliverymen and routemen.....	—	460	32	24	24	1 283	308	388	155	112	1 085	19	32
Truck drivers.....	300	5 208	137	22	394	1 275	104	141	77	26	509	25	39
Other transport equipment operatives.....	300	2 245	3 291	36	727	493	44	62	42	9	432	—	—
Laborers, except farm.....	138	1 742	1 674	62	1 547	1 923	493	2 651	239	68	1 334	53	453
Freight, stock, and material handlers.....	70	1 405	1 470	36	645	1 433	487	2 564	54	31	767	30	49
Miscellaneous laborers.....	6	64	132	7	621	1 877	19	22	172	5	408	19	311
Other specified laborers.....	38	5	20	5	169	123	4	5	9	5	69	—	54
Not specified laborers.....	24	68	52	14	92	180	6	60	9	27	90	4	39
Farm workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household.....	191	130	953	217	499	358	1 150	554	121	13 159	2 249	539	1 820
Personal service workers.....	10	87	207	114	224	224	309	167	99	274	288	20	1 056
Guards and watchmen.....	19	52	507	13	92	17	173	10	—	150	58	50	167
Other service workers, including private household.....	51	11	219	79	207	73	331	78	6	12 693	1 844	180	353
Female employed	200	1 228	2 868	6 327	2 253	8 222	12 268	7 110	1 234	8 486	17 203	13 539	13 529
Professional, technical, and kindred workers.....	5	33	63	340	122	187	912	41	23	28	318	638	301
Accountants.....	5	8	20	64	25	31	64	6	17	4	57	174	114
Computer specialists.....	—	—	11	63	6	28	5	—	—	—	12	170	46
Life and physical scientists.....	—	—	—	—	—	17	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists.....	—	—	10	4	11	—	10	6	—	6	—	47	—
Social scientists.....	—	—	6	—	14	—	—	—	—	—	—	12	4
Writers, artists, and entertainers.....	—	5	—	50	15	44	51	—	—	14	68	44	10
Other professional, technical, and kindred workers.....	—	20	16	181	61	67	82	29	6	4	201	197	127
Managers and administrators, except farm.....	5	12	223	151	45	405	897	221	83	418	1 091	388	882
Salaried.....	5	12	197	151	26	349	827	108	61	267	830	384	823
Self-employed.....	—	—	26	—	19	57	70	113	22	151	261	4	59
Sales workers.....	—	—	105	5	23	313	6 521	1 917	77	145	8 075	801	1 265
Clerical and kindred workers.....	164	1 037	1 395	5 513	1 807	6 097	3 562	3 588	956	984	5 245	11 242	10 521
Bookkeepers.....	19	180	99	283	189	1 360	429	300	425	230	1 188	41	188
Cashiers.....	5	5	51	37	15	48	1 024	2	43	534	598	7	103
Counter clerks, except food.....	—	6	9	108	8	149	87	14	17	4	31	—	15
File clerks.....	—	67	58	194	53	212	118	23	17	218	107	1 218	289
Office machine operators.....	15	67	51	267	109	301	172	121	38	6	112	518	652
Bookkeeping and billing machine operators.....	5	17	17	267	14	67	29	8	16	6	33	45	240
Receptionists.....	61	5	16	15	14	100	23	11	18	6	120	96	124
Secretaries.....	14	280	282	370	386	1 773	269	146	164	115	841	2 257	2 995
Stenographers.....	3	209	13	42	61	10	229	58	118	24	369	62	40
Other clerical and kindred workers.....	47	205	694	3 757	788	1 457	1 211	291	128	62	1 716	3 640	1 178
Craftsmen and kindred workers.....	5	6	16	152	25	83	75	35	27	34	323	91	37
Foremen, n.e.c.....	5	6	5	51	6	48	39	15	6	30	26	70	21
Operatives, except transport.....	—	50	14	33	29	848	272	881	47	13	854	39	29
Assemblers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce.....	—	26	14	—	7	426	98	331	—	9	81	5	—
Other operatives, except transport.....	—	19	—	19	10	399	174	550	35	4	768	34	29
Transport equipment operatives.....	—	42	571	—	70	30	18	23	4	—	25	6	—
Laborers, except farm.....	—	46	42	16	11	210	89	193	—	14	154	13	9
Farm workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household.....	21	2	439	117	121	48	622	211	17	6 850	1 098	321	485
Personal service workers.....	5	2	9	36	16	26	33	20	10	67	58	31	230
Other service workers, including private household.....	16	—	387	74	94	11	107	181	7	6 673	974	144	196

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

NEWARK SMSA

Total employed

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

Occupation	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit organizations	Other professional and related services	Public administration
Accountants	6 934	541	138	584	1 246	9 691	14 409	37 477	13 991	10 587	25 042	34 067
Architects	292	11	23	30	1 246	85	7 086	25 020	8 653	4 480	13 944	3 471
Computer specialists	10	—	—	5	—	6	13	—	10	11	2 385	626
Engineers	1 546	67	—	5	5	48	44	13	13	—	1 531	60
Chemical	45	77	—	5	11	38	44	30	15	5	1 737	32
Civil	43	5	—	—	—	5	5	4	5	—	642	130
Electrical and electronic	698	25	—	—	6	4	4	—	6	6	144	114
Industrial	245	9	—	5	—	19	4	—	6	10	64	110
Mechanical	200	10	—	—	—	6	6	—	4	244	201	201
Other engineers	315	28	—	—	5	4	24	—	4	25	566	152
Mathematical specialists	110	—	—	—	—	—	—	9	—	—	65	20
Life and physical scientists	397	16	—	6	—	114	—	30	—	—	183	108
Chemists	181	16	—	—	—	40	9	114	—	—	114	57
Personnel and labor relations workers	706	25	4	—	75	69	23	33	19	70	63	353
Social scientists	156	—	—	7	—	56	36	116	26	32	98	67
Engineering and science technicians	994	19	—	11	23	40	36	31	6	17	948	159
Draftsmen	343	11	—	—	—	40	4	5	4	5	635	71
Electrical and electronic engineering technicians	135	8	—	—	17	—	—	—	—	—	29	30
Industrial and mechanical engineering technicians	115	5	—	8	—	—	—	2	21	—	6	150
Technicians, except health, and engineering and science	1 000	16	41	356	732	57	12	41	68	453	913	75
Writers, artists, and entertainers	698	305	70	131	430	9 214	6 895	24 632	8 387	3 747	6 973	1 114
Other professional, technical, and kindred workers	2 285	870	302	1 244	501	501	395	1 611	886	1 272	887	2 909
Managers and administrators, except farm	2 084	39	5	5	5	33	9	—	15	13	48	94
Buyers, purchasing agents, and sales managers	2 084	83	297	1 207	494	468	386	1 611	871	1 259	839	2 815
Other managers and administrators	1 841	704	249	795	441	468	366	1 611	839	1 255	761	2 815
Salaried	230	127	48	412	55	—	20	—	32	4	—	—
Self-employed	1 055	218	10	363	123	9	19	28	48	127	242	42
Sales workers	6 678	1 418	369	1 819	521	3 722	2 251	5 614	2 154	2 897	6 998	13 103
Clerical and kindred workers	39	228	52	184	78	213	176	213	67	258	551	530
Bookkeepers	39	116	12	103	137	116	45	264	62	15	34	30
Cashiers	167	31	6	9	23	23	26	27	11	—	34	286
Estimators and investigators, n.e.c.	937	21	13	29	6	52	10	36	40	63	315	177
Office machine operators	102	9	—	36	10	20	20	4	5	—	18	35
Shipping and receiving clerks	4 871	14	—	21	290	146	20	29	3	—	18	98
Stock clerks and storekeepers	1 384	1 070	286	1 437	290	3 152	2 019	5 056	1 944	2 469	5 987	11 946
Other clerical and kindred workers	5	44	66	711	321	615	516	444	159	293	406	1 418
Craftsmen and kindred workers	3	5	—	4	—	—	—	5	—	—	—	7
Blacksmiths, forgers, hammermen, and boilermakers	3	5	—	—	—	20	—	—	—	34	—	14
Brickmasons and stonemasons	75	7	15	4	10	54	6	76	29	13	22	75
Carpenters	11	—	—	8	—	—	—	—	—	—	—	—
Cronenmen, derrickmen, and hoistsmen	39	43	11	—	16	72	—	52	15	51	—	49
Electricians	10	—	—	—	—	—	—	—	—	—	—	35
Excavating, grading, and road machine operators	252	115	10	195	24	77	15	35	40	15	98	302
Foremen, n.e.c.	390	445	5	174	139	76	10	55	22	17	70	471
Mechanics and repairmen	133	2	—	17	—	15	—	17	5	—	—	213
Automobile, including body	130	33	—	6	6	4	—	4	5	—	23	27
Machinists, job setters, and toolmakers	20	12	—	—	—	16	—	—	—	14	—	21
Metal craftsmen, except mechanics and machinists	36	63	7	5	18	22	4	80	5	40	6	102
Painters, construction and maintenance, and plasterers and paperhangers	19	4	—	—	—	34	—	17	—	59	—	34
Plumbers and pipe fitters	33	—	—	—	—	5	—	24	—	4	—	33
Printing craftsmen	49	—	—	—	—	70	13	30	—	—	15	50
Stationary engineers and power station operators	342	663	5	470	103	70	470	58	10	41	167	198
Other craftsmen and kindred workers	865	821	40	3 309	57	480	128	184	38	141	241	285
Operatives, except transport	21	23	—	19	—	—	20	—	—	—	32	38
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	9	—	—	—	—	—	5	—	—	6	—	—
Fillers, polishers, sanders, and buffers	—	132	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	34	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	—	205	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	21	334	—	—	—	—	—	—	—	—	—	—
Other specified operatives	512	334	40	3 257	36	434	82	163	23	98	156	141
Machine operatives, miscellaneous specified	88	12	—	28	—	6	—	3	—	5	7	10
Machine operatives, not specified	35	28	—	5	—	—	—	—	—	—	—	—
Miscellaneous operatives	146	48	—	11	16	25	12	28	6	5	6	5
Not specified operatives	28	—	—	29	—	15	9	—	—	4	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

NEWARK SMSA—Continued

Total employed—Continued

Occupation	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Transport equipment operatives	254	472	19	761	97	100	40	60	40	30	26	449
Deliverymen and roustabouts	97	33	5	482	7	—	20	13	11	6	—	233
Truck drivers	86	145	—	192	10	28	10	10	11	12	12	308
Other transport equipment operatives	71	294	14	177	—	72	10	37	25	12	14	118
Laborers, except farm	246	455	14	493	355	140	49	149	100	85	76	1 187
Freight, stock, and material handlers	87	26	3	81	9	68	11	11	10	10	10	538
Other specified laborers	55	395	5	306	313	46	27	112	56	58	53	445
Miscellaneous laborers	11	22	—	12	—	0	—	—	—	—	—	34
Not specified laborers	93	12	6	94	33	20	22	26	30	17	13	90
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	2 697	501	1 456	16 142	1 371	8 994	3 925	4 367	1 913	1 332	2 242	11 283
Cleaning service workers	1 554	87	579	266	246	1 278	358	2 303	764	747	719	1 719
Personal service workers	85	34	351	5 208	547	244	73	463	303	323	49	194
Conductors	876	19	5	121	21	83	18	73	303	115	25	609
Other service workers, including private household	182	361	521	10 661	557	7 351	3 476	1 518	741	220	2 054	9 761
Female employed	8 012	1 421	1 193	17 794	1 520	18 526	8 947	24 518	9 252	5 479	11 554	8 784
Professional, technical, and kindred workers	1 133	71	36	165	593	7 855	2 819	16 740	5 797	1 916	3 165	678
Accountants	41	—	—	6	5	17	13	14	9	22	19	126
Computer specialists	240	—	—	—	—	—	—	—	—	—	—	5
Life and physical scientists	10	6	—	61	—	37	4	24	18	—	38	95
Registered nurses, dietitians, and therapists	10	—	—	—	—	6	121	620	132	53	36	26
Social scientists	13	—	—	65	—	29	28	55	17	15	28	14
Writers, artists, and entertainers	577	43	22	27	188	41	36	25	298	298	2 568	412
Other professional, technical, and kindred workers	273	32	74	270	86	1 597	817	15 993	5 585	1 328	2 568	501
Managers and administrators, except farm	237	32	69	180	76	200	153	324	390	340	119	501
Salaried	36	—	5	90	10	—	148	374	374	256	10	501
Self-employed	176	19	4	187	80	9	14	6	26	65	85	9
Sales workers	5 410	1 047	190	1 578	396	3 381	2 183	5 199	1 849	2 541	6 334	6 083
Clerical and kindred workers	488	157	42	136	59	185	160	183	56	244	448	424
Bookkeepers	14	31	12	103	110	112	—	260	62	10	—	13
Cashiers	347	24	31	505	5	29	—	13	11	19	32	169
Counter clerks, except food	717	14	8	60	11	79	39	83	36	78	32	129
File clerks	11	—	—	29	6	38	—	29	29	54	323	47
Office machine operators	75	6	22	185	5	19	5	5	5	127	105	66
Bookkeeping and billing machine operators	1 598	201	36	129	106	396	478	2 139	777	1 345	3 244	1 113
Secretaries	47	11	—	6	184	1 010	18	54	203	49	—	278
Stenographers	923	64	88	475	14	60	61	43	49	1 201	1 201	1 201
Typists	1 236	518	39	374	80	997	206	1 839	503	289	1 707	2 690
Other clerical and kindred workers	98	40	10	79	9	65	86	40	42	21	56	17
Foremen, n.e.c.	49	—	10	26	5	40	9	10	31	9	14	12
Craftsmen and kindred workers	374	79	17	2 200	5	273	78	26	17	61	28	73
Operatives, except transport	178	—	—	57	—	9	—	5	4	4	—	5
Assemblers	175	74	17	2 130	—	264	62	21	13	57	99	55
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	6	20	—	44	—	8	19	10	20	—	3	13
Transport equipment operatives	41	26	3	84	4	43	22	19	5	—	17	56
Laborers, except farm	—	—	—	—	—	—	—	—	—	—	—	—
Farm workers	501	87	859	13 187	437	6 692	3 573	2 154	1 106	615	1 638	1 354
Service workers, including private household	340	9	418	85	43	224	203	262	47	203	47	118
Cleaning service workers	64	—	170	2 944	130	216	73	409	274	272	33	194
Personal service workers	97	69	170	10 158	264	5 920	3 276	1 483	644	140	1 558	1 142

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	PATERSON-CLIFTON-PASSAIC SMSA	Total employed	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing							Total
						Durable goods							
						Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies	
576 898	2 815	464	29 114	191 051	2 751	2 404	1 833	2 349	10 764	15 281	21 706	191 051	
95 757	168	46	1 319	23 832	136	260	158	340	1 010	2 217	4 858	23 832	
7 534	10	9	1 000	2 284	28	38	38	50	124	187	373	2 284	
487	20	16	16	20	—	—	6	—	—	—	—	20	
2 833	—	7	15	6 948	37	50	61	130	16	220	2 266	6 948	
12 030	—	19	737	6 948	37	50	61	130	16	220	2 266	6 948	
720	—	—	23	595	5	4	9	12	5	16	13	595	
1 410	—	—	491	1 000	4	4	—	7	10	11	11	1 000	
3 270	—	—	70	1 965	4	4	6	26	21	124	1 429	3 270	
1 847	—	4	16	1 309	15	11	11	41	76	110	397	1 847	
1 715	—	—	61	1 134	13	6	9	39	102	359	182	1 715	
3 068	—	15	76	1 845	—	29	26	39	177	308	243	3 068	
395	—	—	5	84	—	—	—	—	—	5	23	395	
2 382	9	—	11	1 723	—	—	26	34	5	12	19	2 382	
1 945	—	—	6	1 503	—	—	26	26	5	9	9	1 503	
2 837	—	6	26	941	10	22	26	30	41	78	156	2 837	
1 310	—	—	6	475	20	65	15	39	208	459	259	1 310	
6 710	—	5	187	4 248	20	65	15	39	208	459	259	6 710	
2 716	—	5	133	1 525	10	35	5	10	137	376	458	2 716	
1 194	—	—	—	774	4	—	—	5	10	40	597	1 194	
289	—	—	—	260	—	—	—	—	4	20	33	289	
955	33	—	—	76	—	—	—	—	—	—	6	955	
8 557	96	—	119	3 595	23	50	7	31	144	140	265	8 557	
49 625	—	—	97	2 455	18	25	—	16	58	136	244	49 625	
60 722	106	67	3 159	17 387	275	259	156	192	918	1 583	2 108	60 722	
9 758	—	9	118	3 503	25	46	31	45	222	332	404	9 758	
50 964	106	58	3 041	13 884	250	213	147	174	696	1 431	1 978	50 964	
45 600	40	58	2 357	13 193	209	208	125	147	639	1 170	1 678	45 600	
5 364	66	—	684	691	41	5	—	—	37	110	16	5 364	
50 778	92	16	355	7 727	240	181	106	94	273	644	393	50 778	
123 234	109	97	2 375	35 443	394	328	329	446	1 602	2 666	3 709	123 234	
13 782	26	7	1 667	4 166	101	70	21	62	246	332	351	13 782	
2 200	5	—	6	135	5	—	—	—	—	10	28	2 200	
2 408	—	—	327	504	—	6	5	—	—	57	53	2 408	
6 081	—	10	14	2 192	14	14	25	25	86	130	220	6 081	
4 516	11	—	16	2 730	33	14	21	14	201	188	195	4 516	
3 553	5	6	18	1 438	21	12	16	14	107	156	231	3 553	
86 694	62	74	1 557	24 478	216	226	251	300	917	1 793	2 631	86 694	
76 694	125	92	17 347	31 596	794	536	399	278	2 681	3 707	3 038	76 694	
208	—	—	28	76	—	—	—	—	30	—	5	208	
1 464	—	4	1 347	68	—	14	—	—	15	—	20	1 464	
4 682	31	—	3 635	443	94	24	26	4	30	22	29	4 682	
403	—	5	147	131	—	—	18	11	32	93	6	403	
3 234	—	—	1 712	816	—	—	—	—	57	93	182	3 234	
1 066	6	6	834	23	—	—	—	—	6	—	—	1 066	
13 490	28	18	928	859	125	193	91	93	396	815	1 051	13 490	
16 926	25	35	1 660	4 729	39	104	48	42	396	671	327	16 926	
6 490	11	4	127	366	21	21	34	13	64	120	15	6 490	
4 821	—	—	22	4 623	26	98	34	13	694	1 691	563	4 821	
2 127	—	6	412	1 604	16	12	146	79	463	252	22	2 127	
2 222	—	—	1 715	1 744	—	—	—	—	15	17	32	2 222	
2 744	—	—	1 964	436	—	10	5	10	33	24	25	2 744	
5 232	—	—	13	4 966	—	7	—	—	87	24	42	5 232	
1 118	—	5	26	412	—	—	—	—	16	11	57	1 118	
16 957	24	5	3 304	4 550	494	74	21	15	175	67	277	16 957	
78 695	24	84	1 142	63 609	694	619	528	839	3 680	4 030	6 957	78 695	
6 076	—	—	9	139	139	57	57	60	439	738	1 460	6 076	
5 566	—	—	—	5 566	10	68	16	79	342	352	37	5 566	
569	—	—	—	548	64	8	14	14	138	138	37	569	
618	—	—	—	492	54	5	5	12	49	34	83	618	
3 088	—	—	20	2 954	16	50	20	43	286	1 82	262	3 088	
2 020	—	—	212	1 488	22	29	100	30	391	269	225	2 020	
42 921	16	84	798	30 654	166	142	128	151	804	416	207	42 921	
6 653	4	—	38	6 166	72	62	72	88	390	204	228	6 653	
5 321	4	—	15	5 031	89	70	71	88	506	507	412	5 321	
3 654	—	—	35	2 870	32	24	24	24	183	222	66	3 654	
2 209	—	—	15	1 979	30	9	33	46	142	69	142	2 209	

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

Occupation	Manufacturing - Continued												
	Durable goods - Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
Total employed	3 981	5 842	782	472	16 268	10 057	12 274	15 989	6 744	19 275	21 170	8 052	13 097
Accountants.....	404	1 237	90	221	1 997	884	639	473	445	2 342	4 412	657	1 142
Architects.....	74	90	22	43	159	135	31	44	103	104	401	51	187
Computer specialists.....	38	33	—	11	37	29	—	16	8	50	191	11	51
Engineers.....	117	674	35	115	383	178	88	56	121	86	636	232	214
Chemical.....	—	6	—	15	40	28	5	4	—	5	339	49	48
Civil.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic.....	—	127	—	21	111	20	30	42	34	29	38	21	17
Industrial.....	43	137	—	16	148	24	30	42	20	11	60	40	14
Mechanical.....	48	79	10	35	77	37	34	5	20	37	37	30	30
Other engineers.....	18	325	21	28	202	37	14	5	69	37	115	85	30
Mathematical specialists.....	6	—	—	5	—	5	—	—	5	8	21	—	5
Life and physical scientists.....	11	—	—	5	33	108	87	4	22	6	1 244	52	51
Chemists.....	5	4	—	—	94	87	—	4	22	6	1 088	52	46
Personnel and labor relations workers.....	14	18	6	—	52	84	50	11	48	74	143	64	59
Social scientists.....	10	16	—	—	20	85	—	16	5	25	132	13	62
Engineering and science technicians.....	79	244	19	93	322	140	131	11	29	39	914	136	96
Draftsmen.....	10	195	4	20	152	10	9	6	—	6	66	36	12
Electrical and electronic engineering technicians.....	—	32	—	—	39	—	—	—	—	—	19	4	9
Industrial and mechanical engineering technicians.....	58	42	4	—	10	17	4	—	—	11	35	10	16
Technicians, except health, and engineering and science writers, artists, and entertainers.....	24	58	5	5	170	80	160	289	57	1 795	205	35	59
Other professional, technical, and kindred workers.....	31	94	3	12	514	118	41	26	47	1 144	505	58	358
Managers and administrators, except farm buyers, purchasing agents, and sales managers.....	232	437	62	30	1 511	1 264	1 155	1 137	662	1 689	2 272	524	927
Other managers and administrators.....	68	122	16	6	234	283	365	180	164	324	549	96	140
Salaried.....	164	315	46	24	1 277	981	990	951	428	1 374	1 723	428	787
Self-employed.....	158	315	46	24	1 194	940	928	825	498	1 262	1 696	402	737
Sales workers.....	96	60	24	—	651	610	423	544	446	1 304	932	170	536
Clerical and kindred workers.....	776	995	105	70	3 158	1 530	2 131	1 751	1 180	6 203	4 900	1 076	2 994
Bookkeepers.....	94	71	10	—	300	241	306	432	156	536	594	131	112
Cashiers.....	—	—	—	—	—	—	9	—	—	38	—	—	—
Estimators and investigators, n.e.c.....	10	16	5	—	37	20	54	5	19	48	85	14	21
Office machine operators.....	73	78	8	—	155	93	170	152	95	511	258	40	60
Shipping and receiving clerks.....	81	31	18	—	239	105	312	261	88	269	343	150	115
Stock clerks and stockkeepers.....	51	90	7	65	106	79	54	75	47	110	159	73	25
Other clerical and kindred workers.....	466	703	57	—	2 301	968	1 226	826	775	4 691	3 457	659	1 950
Craftsman and kindred workers.....	679	1 095	254	46	2 497	1 591	1 349	1 151	1 056	5 360	2 270	1 273	1 540
Blacksmiths, forgers, hammermen, and boilermakers.....	—	—	9	—	—	7	—	—	—	—	17	8	—
Brickmasons and stonemasons.....	—	—	—	—	—	—	4	—	5	19	10	27	10
Carpenters.....	4	24	34	—	24	7	11	5	9	5	63	13	5
Croftsmen, derrickmen, and hoistmen.....	—	8	—	—	—	—	—	—	—	—	5	—	—
Electricians.....	29	78	—	5	17	48	—	—	42	36	126	69	5
Excavating, grading, and road machine operators.....	6	—	—	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.....	226	226	58	11	612	458	582	627	375	666	1 031	488	235
Mechanics and repairmen.....	241	195	24	7	277	328	458	42	242	219	407	247	124
Automobile, including body.....	185	—	7	—	—	61	5	—	6	24	18	10	—
Machinists, job setters, and toolmakers.....	86	360	31	13	250	102	34	18	721	47	110	264	68
Metal craftsmen, except mechanics and machinists.....	47	103	15	—	100	41	4	14	19	14	22	35	4
Painters, construction and maintenance, and plasterers and paperhangers.....	5	17	—	—	10	5	—	7	—	17	11	—	—
Printing pressmen.....	26	48	19	—	5	18	13	6	—	13	164	6	—
Printing press operators.....	—	6	—	—	19	14	171	9	145	4	46	57	44
Stationary engineers and power station operators.....	—	10	—	—	—	58	26	6	55	6	76	39	37
Other craftsmen and kindred workers.....	9	30	32	10	1 154	500	46	430	38	40	87	36	995
Operatives, except transport.....	1 515	1 832	205	105	5 589	2 122	6 056	10 606	2 254	1 597	4 919	3 778	5 684
Assemblers.....	597	323	11	25	736	43	37	20	53	174	242	58	119
Checkers, examiners, and inspectors, manufacturing.....	253	392	17	27	278	98	418	278	102	148	351	368	449
Filers, polishers, sanders, and buffers.....	69	86	3	—	72	—	—	—	5	10	—	—	—
Painters, manufactured articles.....	155	516	12	9	156	14	10	—	11	13	15	35	17
Precision machine operators.....	78	64	75	9	56	6	10	—	8	13	5	14	22
Welders and flamecutters.....	137	223	30	15	2 919	1 210	5 570	9 196	669	553	1 752	866	4 578
Other specified operatives.....	22	43	9	5	479	357	720	231	720	424	975	1 537	1 779
Machine operatives, miscellaneous specified.....	60	54	11	21	448	199	174	174	163	174	1 005	1 57	178
Miscellaneous operatives, not specified.....	62	63	13	3	221	124	163	292	124	168	263	263	163
Not specified operatives.....	19	46	—	—	173	62	—	455	40	30	253	217	142

PATERSON-CLIFTON-PASSAIC SMSA

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

	Manufacturing - Continued												
	Durable goods - Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, not specified manufacturing
Total employed - Continued													
Transport equipment operatives													
Deliverymen and roulemen	114	38	15	-	318	1 497	125	53	387	336	401	187	282
Truck drivers	22	4	4	-	43	1 104	22	18	62	134	35	55	32
Other transport equipment operatives	92	19	11	-	75	254	65	29	181	109	216	85	173
Laborers, except farm													
Freight, stock, and material handlers	83	76	11	-	370	398	241	149	200	279	598	202	444
Other specified laborers	8	58	6	-	105	233	167	133	168	232	363	69	343
Miscellaneous laborers	11	8	5	-	205	48	33	11	5	10	96	15	69
Not specified laborers	-	10	-	-	49	47	35	5	27	32	135	43	32
Farm workers													
Service workers, including private household	82	72	16	-	267	231	155	131	114	165	406	183	248
Cleaning service workers	50	42	5	-	124	151	109	107	72	112	253	107	77
Personal service workers	24	21	6	-	45	10	46	9	23	19	24	21	10
Other service workers, including private household	8	9	5	-	86	80	-	6	19	25	42	34	146
Female employed													
Professional, technical, and kindred workers	655	920	81	134	5 855	2 410	3 951	11 352	1 754	7 886	6 718	2 029	5 462
Accountants	26	25	16	6	210	128	147	219	60	876	775	52	123
Computer specialists	5	9	6	6	15	9	10	17	22	49	59	4	14
Life and physical scientists	5	12	-	-	5	4	10	4	-	13	19	-	16
Registered nurses, dietitians, and therapists	-	-	-	-	-	22	-	-	-	-	266	-	-
Social scientists	-	-	-	-	-	7	-	-	-	11	32	-	-
Writers, artists, and entertainers	10	-	-	-	9	7	-	-	-	5	7	5	9
Other professional, technical, and kindred workers	6	4	5	9	40	12	67	163	5	712	58	43	84
Managers and administrators, except farm	23	16	5	-	73	88	85	133	12	269	200	24	62
Salaries	23	16	5	-	67	79	80	118	12	253	200	24	62
Self-employed	-	-	-	-	6	9	5	15	-	16	-	-	-
Sales workers													
Clerical and kindred workers	446	546	43	55	2 262	971	1 418	1 331	835	4 988	3 670	798	1 701
Bookkeepers	77	45	10	-	270	144	264	380	119	452	422	112	81
Cashiers	9	6	-	-	20	25	32	24	21	38	89	-	10
Counter clerks, except food	38	26	8	6	98	69	138	129	17	409	26	14	26
File clerks	3	56	-	-	117	13	37	20	20	413	185	42	52
Office machine operators	7	4	-	-	26	27	29	20	20	97	12	15	18
Bookkeeping and billing machine operators	173	274	5	34	765	382	443	275	322	995	1 641	289	430
Receptionists	54	92	-	15	211	107	6	106	76	1 032	440	110	108
Secretaries	68	43	20	-	755	206	277	314	180	1 457	686	146	946
Stenographers	8	18	-	-	218	58	124	309	76	639	107	58	149
Other clerical and kindred workers	8	9	-	-	92	29	83	198	55	123	85	10	21
Foremen, n.e.c.	157	300	7	64	2 901	995	2 115	9 154	697	821	1 768	1 138	3 248
Operatives, except transport	45	44	-	20	577	35	22	15	31	44	213	105	73
Assemblers	20	83	-	10	191	69	35	239	41	107	209	221	199
Checkers, examiners, and inspectors, manufacturing	10	173	7	29	226	669	125	253	183	146	684	148	229
Packers and wrapppers, except meat and produce	82	173	-	-	1 907	263	1 767	8 647	432	524	662	583	2 828
Other operatives, except transport	2	-	-	-	8	7	3	-	8	5	-	-	-
Transport equipment operatives	-	-	-	-	89	9	33	72	51	97	98	15	35
Laborers, except farm	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm workers	4	10	10	-	33	42	-	28	-	27	56	10	68
Service workers, including private household	-	5	5	-	11	16	-	19	-	11	10	5	18
Cleaning service workers	-	5	5	-	7	4	-	9	-	7	17	5	5
Personal service workers	4	5	5	-	15	22	-	-	-	16	27	5	45
Other service workers, including private household	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

Occupation	Railroads and railway express service	Trucking service and ware- housing	Other transportation	Communi- cations	Utilities and sanitary services	Wholesale trade	Retail Trade				Finance and real estate		
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		Other retail trade	Insurance
Total employed	2 119	10 417	9 779	11 101	8 750	29 898	18 153	16 817	9 846	13 177	34 422	10 970	22 839
Professional, technical, and kindred workers	89	180	1 124	2 221	846	1 664	599	201	127	160	1 635	962	1 553
Accountants	14	63	104	192	89	339	108	50	85	11	163	222	628
Architects	—	—	5	5	11	—	5	—	—	—	—	—	10
Computer specialists	—	9	102	150	37	151	54	—	22	—	54	223	195
Engineers	28	34	199	756	320	420	16	4	10	—	48	90	46
Chemical	—	—	—	—	7	18	—	—	—	—	—	—	—
Civil	14	—	24	21	60	15	—	—	5	—	—	—	5
Electrical and electronic	—	5	25	632	187	49	—	—	—	—	—	—	12
Industrial	9	14	24	51	12	54	8	—	—	—	—	66	19
Mechanical	—	5	95	11	28	38	—	4	5	—	—	—	3
Other engineers	—	10	31	41	26	246	8	—	—	—	38	24	5
Mathematical specialists	3	—	—	4	—	21	—	11	—	—	—	70	20
Life and physical scientists	—	—	—	6	5	90	—	—	—	—	8	—	—
Chemists	—	—	—	—	5	90	—	—	—	—	8	—	—
Personnel and labor relations workers	2	33	43	194	35	138	119	41	—	5	51	79	167
Social scientists	6	10	25	51	13	44	16	10	—	—	22	48	89
Engineering and science technicians	6	10	296	296	135	100	24	27	—	—	44	10	14
Draftsmen	6	5	18	86	76	28	—	22	—	—	20	—	—
Electrical and electronic engineering technicians	—	—	17	190	9	29	—	—	—	—	14	—	—
Industrial and mechanical engineering technicians	—	—	4	—	—	—	—	—	—	—	5	—	—
Technicians, except health, science, and engineering and science	12	15	490	84	40	31	123	24	5	138	194	43	3
Writers, artists, and photographers	15	16	35	341	176	188	64	34	5	—	1 051	171	304
Other professional, technical, and kindred workers	—	—	47	142	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	372	864	1 282	1 311	498	5 475	2 202	2 168	1 679	2 039	5 045	1 370	4 662
Buyers, purchasing agents, and sales managers	31	65	89	106	40	4	1 261	495	1 217	18	1 535	133	76
Other managers and administrators	341	799	1 193	1 205	458	3 863	941	1 662	1 462	2 021	3 502	1 235	4 586
Salaried	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	97	57	—	23	259	41	425	454	646	984	21	178
Sales workers	35	210	205	172	152	6 208	7 629	3 173	1 519	347	13 221	3 521	4 219
Clerical and kindred workers	487	2 006	1 982	4 226	1 794	8 981	4 653	4 527	1 226	740	6 048	4 814	10 226
Bookkeepers	47	186	256	165	194	1 448	551	551	444	141	1 188	333	1 219
Cashiers	13	5	198	32	33	28	1 040	2 740	345	—	802	39	98
Estimators and investigators, n.e.c.	4	—	31	140	80	—	—	12	51	—	82	106	350
Office machine operators	11	108	31	163	43	464	262	108	31	—	185	223	699
Shipping and receiving clerks	18	172	93	172	14	737	212	66	9	—	202	20	31
Stack clerks and storekeepers	17	34	34	24	51	522	367	286	20	17	378	20	67
Other clerical and kindred workers	369	1 365	1 309	3 697	1 379	5 667	2 089	764	639	232	3 211	4 093	7 832
Craftsmen and kindred workers	525	812	1 161	2 945	3 010	2 122	736	879	2 791	98	2 992	213	650
Blacksmiths, farriers, hammermen, and boilermakers	5	—	—	—	18	7	—	—	—	—	—	7	10
Brickmasons and stonemasons	—	—	—	—	16	—	—	—	—	—	—	—	15
Carpenters	4	4	15	10	—	31	51	21	5	—	73	—	38
Cement masons, bricklayers, and blocklayers	5	—	—	—	33	44	—	—	—	—	—	—	—
Electricians	56	16	71	58	144	26	7	6	—	—	12	8	51
Excavating, grading, and road machine operators	9	—	—	—	71	4	—	—	—	—	—	—	—
Foremen, n.e.c.	42	298	191	436	439	785	209	133	6	16	232	41	205
Mechanics and repairmen	107	414	403	92	80	658	251	34	2 655	9	766	18	93
Automobile, including body	10	379	5	9	80	116	43	5	2 617	4	61	—	—
Mechanics, job setters, and toolmakers	9	—	—	—	4	37	—	6	24	—	—	—	—
Metal craftsmen, except mechanics and machinists	9	—	—	—	—	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	21	—	15	53	126	10	10	5	7	—	—	—	39
Plumbers and pipe fitters	—	—	—	—	11	30	—	6	—	6	—	30	6
Stationary engineers and power station operators	26	—	9	12	313	27	15	15	—	—	—	—	26
Stationary engineers and power station operators	257	45	85	2 256	1 122	413	176	653	14	67	1 765	78	112
Operators, except transport	92	167	165	50	372	1 746	549	2 565	2 149	38	1 226	9	58
Assemblers	—	—	—	—	5	71	4	—	6	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters; manufactured articles	5	5	6	—	5	19	9	—	27	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	41	4	5	24	69	143	455	2 450	2 056	33	1 008	—	24
Other specified operatives	35	95	88	—	49	113	24	21	—	—	—	—	6
Machine operatives, miscellaneous specified	—	15	—	—	49	94	16	17	—	—	—	—	6
Machine operatives, not specified	—	14	—	—	72	117	36	59	48	—	—	—	6
Miscellaneous operatives	11	25	55	20	22	46	5	18	—	—	—	—	—
Not specified operatives	—	9	11	—	—	—	—	—	—	—	—	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued
 (Data based on sample, see text. For meaning of symbols, see text.)

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

PATERSON—CLIFTON—PASSAIC SMSA—Continued

Total employed—Continued

Deliverymen and roustemen	4 926	2 920	40	896	1 964	169	326	198	156	1 568	5	54
Truck drivers	526	20	25	5	952	97	286	92	125	897	—	21
Other transport equipment operatives	4 307	32	5	220	767	37	38	85	9	479	—	4
	93	2 868	10	671	245	35	12	20	22	192	5	29
Labors, except farm	1 197	471	54	985	1 448	676	2 483	111	20	1 133	10	308
Freight, stock, and material handlers	1 148	389	35	304	1 132	640	2 413	38	10	668	4	22
Other specified laborers	23	64	9	491	200	25	40	65	—	354	6	215
Miscellaneous laborers	6	—	—	112	55	—	—	—	—	21	—	32
Not specified laborers	20	18	10	78	61	11	30	8	10	90	—	38
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	55	487	82	177	290	1 010	485	46	9 579	1 554	66	1 117
Cleaning service workers	35	114	51	111	150	223	130	42	28	193	34	691
Personal service workers	—	176	10	5	16	61	—	—	—	83	—	114
Guards and watchmen	11	32	6	4	34	166	30	4	—	64	—	208
Other service workers, including private household	5	105	15	57	90	560	325	—	9 327	1 232	28	104
Female employed	1 328	1 881	4 106	1 037	8 648	12 241	6 414	1 255	6 090	15 131	4 143	9 284
Professional, technical, and kindred workers	10	83	228	30	198	199	65	37	28	324	172	268
Accountants	—	8	39	4	29	30	22	—	—	50	47	84
Computer specialists	—	31	35	—	12	—	—	—	—	26	61	39
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	5	26	7	—	5	9	5	—	9	—	—
Social scientists	—	11	28	7	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	7	14	28	19	46	37	8	—	28	83	11	22
Other professional, technical, and kindred workers	3	25	89	51	31	121	21	—	—	156	36	108
Managers and administrators, except farm	55	211	81	17	390	255	186	91	269	998	174	499
Salaried	45	201	81	17	387	241	171	73	162	749	162	479
Self-employed	10	10	—	—	21	14	65	18	107	249	12	20
Sales workers	—	5	24	38	384	6 184	1 704	66	152	6 912	280	899
Clerical and kindred workers	140	1 135	3 470	797	6 703	3 921	3 332	1 003	580	4 892	3 492	7 496
Bookkeepers	4	195	134	89	1 236	465	286	390	119	1 029	252	912
Cashiers	—	5	15	20	43	974	2	21	299	746	35	14
Counter clerks, except food	—	54	31	4	128	102	17	58	—	157	263	183
File clerks, except food	44	10	71	6	244	187	15	23	—	150	151	478
Office machine operators	82	31	120	13	375	216	95	58	—	22	263	154
Bookkeeping and billing machine operators	32	6	6	6	104	19	11	17	26	102	34	98
Secretaries	141	5	5	128	234	41	15	310	88	751	1 136	2 144
Stenographers	264	309	437	434	2 348	5	—	240	4	276	1 12	595
Typists	37	33	212	84	324	92	—	98	4	—	613	2 964
Other clerical and kindred workers	223	52	2 688	416	1 449	1 229	242	83	23	1 623	946	—
Foremen, n.e.c.	51	313	2 612	35	105	114	57	8	3	182	33	36
Operatives, except transport	7	54	8	10	669	372	689	35	—	672	4	9
Assemblers	—	—	—	—	18	4	—	—	—	—	—	3
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	26	—	—	—	335	266	161	—	—	72	—	—
Other operatives, except transport	28	8	5	10	316	102	528	35	—	600	4	6
Transport equipment operatives	4	40	—	96	24	17	10	6	5	20	—	16
Labors, except farm	18	11	—	—	161	130	140	—	—	243	—	10
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	5	155	42	14	74	549	231	9	5 053	888	38	121
Cleaning service workers	—	4	17	—	9	22	27	9	—	63	—	87
Personal service workers	—	4	5	—	12	45	57	—	—	45	—	10
Other service workers, including private household	5	138	10	9	53	476	204	—	4 965	768	22	24

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	PATERSON-CLIFTON-PASSAIC SMSA											
	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Total employed	15 462	8 747	1 700	16 060	4 497	14 699	10 378	26 715	9 860	7 096	18 746	21 206
Professional, technical, and kindred workers	3 585	402	81	614	1 256	7 040	5 121	18 810	6 542	2 674	10 937	2 017
Accountants	153	50	19	29	48	52	33	27	56	54	2 190	352
Architects	9	—	—	—	—	—	—	—	5	12	364	5
Computer specialists	489	21	—	20	3	15	—	10	15	18	240	40
Engineers	478	64	—	—	4	16	—	33	27	26	281	281
Chemical	28	—	—	—	—	—	—	—	—	—	45	—
Civil	26	3	—	—	—	—	—	17	—	15	498	116
Electrical and electronic	83	11	—	—	—	6	—	—	—	—	185	30
Industrial	127	—	—	6	—	—	—	—	—	5	200	54
Mechanical	57	14	—	14	—	10	15	5	—	—	390	32
Other engineers	157	44	—	—	4	6	—	17	—	6	49	49
Mathematical specialists	29	5	—	—	—	5	—	5	—	9	98	6
Life and physical scientists	148	—	—	5	6	4	38	36	58	—	135	48
Chemists	138	2	—	—	6	25	9	10	24	—	97	14
Personnel and labor relations workers	475	25	15	10	—	44	24	12	27	24	58	298
Social scientists	132	—	—	—	—	55	28	114	31	33	71	71
Engineering and science technicians	368	21	—	9	19	12	15	16	46	6	915	115
Draftsmen	89	16	—	9	—	19	—	—	5	6	638	26
Electrical and electronic engineering technicians	99	—	—	—	10	10	—	—	7	—	—	24
Industrial and mechanical engineering technicians	9	—	—	—	5	—	—	6	—	—	—	—
Mechanics, except electricians, engineering and science	95	—	—	—	14	—	5	13	18	10	—	161
Writers, artists, and entertainers	983	29	19	100	785	32	427	34	92	229	952	47
Other professional, technical, and kindred workers	281	177	28	100	381	6 756	4 949	18 510	6 167	2 253	4 563	593
Managers and administrators, except farm	2 054	796	268	1 075	516	430	311	1 230	671	903	846	1 936
Buyers, purchasing agents, and sales managers	163	45	5	38	6	32	5	23	31	16	54	30
Other managers and administrators	1 891	751	263	1 037	510	398	306	1 207	640	887	792	1 906
Salaried	1 745	640	258	685	467	392	282	1 207	631	876	761	1 906
Self-employed	146	171	5	352	4	6	24	—	9	11	31	—
Sales workers	914	240	19	282	140	24	10	14	51	82	177	24
Clerical and kindred workers	5 231	1 267	383	1 488	899	1 926	1 758	3 340	1 399	2 156	5 127	8 496
Bookkeepers	426	198	44	131	133	121	113	196	96	175	451	245
Cashiers	6	18	44	116	139	77	71	137	52	14	16	8
Estimators and investigators, n.e.c.	152	20	5	15	13	11	12	21	21	20	71	143
Office machine operators	660	72	5	20	26	76	18	63	4	45	507	74
Shipping and receiving clerks	66	17	—	25	—	19	10	—	4	—	27	5
Stock clerks and storekeepers	41	9	—	15	23	63	10	90	10	16	16	39
Other clerical and kindred workers	3 880	929	263	1 019	489	1 563	1 596	3 007	1 212	1 898	4 039	7 982
Craftsmen and kindred workers	891	4 635	65	474	362	325	275	264	131	205	277	696
Blacksmiths, farriers, hammermen, and boilermakers	—	43	—	5	—	4	5	—	—	8	—	5
Bricklayers and stonemasons	—	—	6	—	37	27	—	38	23	38	21	67
Carpenters	40	8	—	—	—	—	—	—	—	—	5	—
Croftmen, derrickmen, and hoistmen	51	25	5	—	28	38	—	22	5	9	5	72
Electricians	56	—	—	—	10	—	—	—	—	—	—	30
Excavating, grading, and road machine operators	202	130	10	70	49	34	5	44	5	28	61	155
Foremen, n.e.c.	214	3 750	10	57	99	40	5	38	20	23	83	220
Mechanics, including body	215	2	—	6	—	—	—	—	—	—	—	121
Mechanists, job setters, and toolmakers	27	14	—	—	—	—	—	—	—	—	11	—
Metal craftsmen, except mechanics and machinists	6	13	—	—	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	28	22	5	5	7	68	6	14	16	19	—	29
Plumbers and pipe fitters	16	4	10	—	—	8	—	—	—	—	—	—
Printing craftsmen	54	—	—	—	—	11	—	—	—	17	6	13
Stationary engineers and power station operators	23	13	19	13	—	61	—	12	10	6	—	25
Other craftsmen and kindred workers	217	607	—	318	132	25	254	62	33	38	85	80
Operatives, except transport	992	641	18	2 151	186	149	9	56	62	66	177	150
Assemblers	56	27	—	—	—	—	—	—	—	—	10	4
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
File clerks, polishers, sanders, and buffers	4	6	—	—	—	—	—	—	—	—	—	5
Painters, manufactured articles	11	83	—	5	—	—	—	—	—	—	—	—
Precision machine operatives	6	47	—	—	—	—	—	—	—	—	—	—
Welders and flame cutters	10	114	—	—	16	—	—	—	—	11	6	—
Other specified operatives	646	277	18	2 105	164	149	4	41	35	40	119	83
Machine operatives, miscellaneous specified	102	17	—	—	—	—	—	—	—	9	—	10
Machine operatives, not specified	39	16	—	23	—	—	—	—	—	—	—	18
Miscellaneous operatives	113	43	—	10	6	—	—	—	—	—	—	21
Not specified operatives	6	11	—	—	—	—	—	—	—	—	—	9

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

PATERSON—CLIFTON—PASSAIC SMSA—Continued

Total employed—Continued

Business services	Repair services	Hotels and lodging places	Other personal services including private household	Entertainment and recreation services	Hospitals	Health services except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
138	311	6	544	31	18	26	24	28	31	41	208
58	26	6	345	10	9	9	9	5	7	14	8
54	132	—	49	15	—	11	15	—	24	3	132
26	153	—	150	14	9	5	—	23	—	24	68
176	219	11	278	238	94	31	90	27	25	41	588
77	10	6	58	38	40	8	6	10	—	10	243
45	182	5	151	195	28	17	73	16	20	20	249
14	11	—	6	5	26	6	8	5	—	5	5
40	16	—	63	—	—	—	—	—	—	—	91
—	—	—	—	—	—	—	—	—	—	—	—
1 480	236	849	9 234	939	4 693	2 837	2 887	949	954	1 123	7 091
844	38	318	98	157	687	270	1 472	444	476	61	395
66	33	219	4 388	436	126	57	349	120	245	16	112
470	4	308	19	11	76	—	818	47	4	10	215
100	159	—	4 729	335	3 822	2 551	—	338	229	1 036	6 369
6 182	1 361	820	10 137	1 518	11 482	6 492	17 781	6 061	3 527	7 992	4 382
714	61	23	208	323	5 716	1 996	12 997	4 019	915	2 331	362
16	16	—	9	3	27	11	6	5	11	58	39
79	—	—	—	—	10	—	—	—	4	—	—
—	—	—	—	—	22	18	20	10	—	11	17
20	—	7	58	—	4 490	1 445	467	37	10	11	47
10	—	—	—	—	25	15	—	31	—	9	9
203	—	—	136	132	4	5	23	—	11	187	5
386	45	16	5	183	1 138	502	12 415	3 895	757	1 902	250
295	70	31	159	113	214	149	330	293	204	96	279
280	70	31	110	107	208	145	330	288	193	89	279
15	—	—	49	6	6	4	—	5	11	7	—
202	72	—	128	68	24	5	9	15	34	70	5
4 160	944	318	1 236	643	1 704	1 717	3 150	1 240	1 907	4 540	2 780
356	156	65	165	109	64	115	102	86	159	352	173
6	13	44	111	126	66	—	124	52	14	6	—
—	—	70	434	12	79	—	—	—	—	—	—
186	17	19	19	14	79	21	48	57	87	58	41
—	—	5	20	20	52	8	63	16	41	41	44
22	—	5	4	20	63	4	9	3	10	24	23
143	15	15	109	47	142	472	50	44	61	52	603
1 347	216	59	99	164	500	892	1 323	576	1 005	2 296	603
70	—	—	55	—	18	8	—	—	28	—	120
552	78	15	221	96	250	67	133	133	235	52	477
1 003	414	45	221	96	512	192	1 178	276	277	1 109	1 295
102	82	—	80	5	16	50	59	15	16	16	10
34	11	—	14	—	16	5	16	—	5	5	6
472	71	11	1 366	57	70	9	—	17	31	54	36
31	7	—	—	—	—	—	—	—	—	—	4
197	5	—	31	15	5	4	—	14	5	5	—
274	59	11	1 335	42	65	5	—	3	26	44	32
7	9	—	4	—	—	—	10	5	3	10	5
4	5	—	65	5	41	14	—	—	5	21	21
—	—	—	—	—	—	—	—	—	—	—	—
226	47	437	6 891	304	3 697	2 552	1 226	457	412	821	884
137	36	214	63	36	322	120	103	61	82	16	53
49	11	119	2 409	108	92	47	89	120	155	12	10
40	36	104	4 419	160	3 283	2 385	789	276	175	795	821

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

The State Standard Metropolitan Statistical Areas of 250,000 or More	PHILADELPHIA, PA.—N.J., SMSA										
	Total employed	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing					Total	
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal		Machinery, except electrical	Electrical, machinery, equipment, and supplies
Accountants	294 229	1 034	164	3 958	8 885	14 521	26 611	5 611	37 474	56 350	66 168
Architects	19 057	49	42	85	355	953	1 729	453	2 860	9 568	14 060
Computer specialists	8 749	13	21	46	6	133	152	44	363	726	1 007
Engineers	35 747	28	34	1 800	63	30	62	12	80	1 312	701
Chemical	2 198	2	3	40	1 851	48	476	157	1 044	3 629	6 095
Electrical and electronic	2 425	5	10	1 248	—	17	28	—	35	40	67
Mechanical	8 841	—	—	1 880	—	9	27	24	46	595	3 890
Other engineers	5 118	—	—	67	22	82	158	62	319	478	763
Mathematical specialists	993	18	20	157	41	79	73	20	322	477	633
Life and physical scientists	6 827	—	—	108	—	41	185	51	312	1 287	893
Chemists	4 244	—	—	—	—	3	—	—	—	—	10
Personnel and labor relations workers	9 232	56	20	34	—	54	193	33	59	61	169
Social scientists	2 232	23	12	11	—	54	187	33	55	52	105
Engineering and science technicians	23 328	80	25	1 481	126	25	1 481	6	11	268	440
Prattmen	9 036	30	2	69	116	64	140	26	168	328	2 269
Electrical and electronic engineering technicians	4 422	—	—	—	5	—	22	—	—	136	1 885
Industrial and mechanical engineering technicians	4 918	—	—	—	5	—	64	9	—	36	145
Technicians, except electrical and electronic	2 286	4	—	43	5	24	15	5	—	36	32
Writers, artists, and illustrators	18 931	282	—	252	61	67	613	10	90	613	774
Other professional, technical, and kindred workers	165 654	485	10	318	23	59	750	26	172	425	892
Managers and administrators, except farm	146 496	406	225	8 353	589	1 081	914	273	2 347	4 149	4 320
Buyers, purchasing agents, and sales managers	22 806	34	30	311	130	218	176	62	466	906	909
Other managers and administrators	123 690	372	195	8 042	459	863	740	211	1 981	3 243	3 411
Salaries	104 974	232	188	5 769	407	785	694	207	1 581	3 075	3 561
Self-employed	18 716	140	7	2 273	52	78	24	4	123	214	50
Sales workers	143 932	145	72	879	463	442	863	174	830	1 465	1 087
Clerical and kindred workers	388 338	895	319	7 344	966	1 935	3 358	694	4 345	8 729	11 099
Bookkeepers	38 428	181	71	1 116	176	215	265	87	483	797	875
Cashiers	20 416	13	5	116	4	4	5	5	11	10	36
Estimators and investigators, n.e.c.	7 898	—	—	—	43	32	113	32	119	174	99
Office machine operators	19 922	71	49	124	114	114	179	38	174	545	911
Shipping and receiving clerks	13 066	9	11	65	97	153	409	87	489	668	784
Stock clerks and storekeepers	11 066	8	11	132	59	107	220	46	334	780	811
Other clerical and kindred workers	278 758	622	183	4 742	573	1 310	2 167	399	2 735	5 755	7 583
Craftsmen and kindred workers	260 303	589	432	56 488	2 192	2 337	8 873	1 267	9 556	12 640	9 029
Blacksmiths, forgemen, hammermen, and boilermakers	1 750	—	4	1 110	9	4	196	12	302	62	16
Brickmasons and stonemasons	4 498	11	5	3 938	—	61	348	10	39	143	18
Carpenters	16 580	76	60	12 278	326	73	144	10	124	101	150
Croftmen, derrickmen, and hoistsmen	4 257	6	—	616	6	33	592	65	428	353	153
Electricians	11 760	—	32	4 680	6	80	562	80	269	432	578
Excavating, grading, and road machine operators	3 704	—	81	2 835	7	33	127	13	34	—	—
Foremen, n.e.c.	37 770	195	85	3 181	282	757	1 754	365	2 091	2 372	2 671
Mechanics and repairmen	55 942	94	103	2 586	129	618	1 076	174	1 000	1 940	1 870
Automobile, including body	21 046	14	56	269	88	64	335	—	43	38	28
Machinists, job setters, and toolmakers	17 090	12	—	64	—	246	718	276	2 248	5 515	1 339
Metal craftsmen, except mechanics and machinists	10 434	—	—	1 344	85	61	1 350	126	1 635	988	917
Painters, construction and maintenance, and plasterers and paperhangers	8 595	33	—	5 737	18	72	15	13	207	224	86
Plumbers and pipe fitters	11 275	4	11	6 480	8	37	269	31	207	86	128
Printing craftsmen	13 947	5	—	46	9	5	31	—	147	102	102
Stationary engineers and power station operators	5 082	—	—	93	16	—	96	—	64	104	104
Other craftsmen and kindred workers	57 880	97	37	12 452	1 200	295	800	98	914	383	1 008
Operatives, except transport	268 894	316	536	4 117	7 694	5 197	21 570	2 277	14 743	17 484	23 374
Assemblers	20 771	20	—	40	645	274	1 488	95	1 274	3 210	8 009
Checkers, examiners, and inspectors; manufacturing	18 282	—	—	—	62	662	635	301	1 209	1 829	4 247
Filers, polishers, sanders, and buffers	1 581	—	—	13	115	135	51	77	357	185	125
Finers, polishers, and trimmers	2 870	—	7	—	196	60	70	37	353	278	349
Precision machine operatives	11 903	—	—	—	65	176	173	173	1 371	5 347	998
Welders and flamecutters	12 673	12	5	65	94	141	783	63	1 371	5 347	998
Other specified operatives	138 022	176	478	2 308	927	1 406	585	585	3 646	7 746	956
Machinists, miscellaneous specified	26 718	50	—	1 171	1 406	1 193	1 050	388	1 534	7 799	3 375
Machine operatives, not specified	12 987	16	—	48	195	410	254	195	1 384	2 446	1 032
Miscellaneous operatives	16 122	—	—	227	254	577	808	188	930	1 246	1 032
Not specified operatives	6 765	5	—	72	105	193	660	116	429	5 773	648

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

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

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

Total employed - Continued

Occupation	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical, machinery, equipment, and supplies
Transport equipment operatives	69 798	259	283	3 176	318	1 064	769	132	928	610	591
Deliverymen and roulemen	16 925	55	23	174	43	199	62	6	70	58	85
Truck drivers	27 702	142	216	2 411	179	537	324	57	419	296	297
Other transport equipment operatives	25 171	62	44	591	96	398	373	69	439	256	209
Laborers, except farm	72 330	2 937	107	13 107	471	1 151	2 178	195	1 314	901	1 090
Freight, stock, and material handlers	29 769	18	66	359	207	575	495	61	507	356	507
Other specialized laborers	30 568	2 859	20	12 743	103	109	180	12	169	170	105
Miscellaneous laborers	8 843	10	1	76	23	66	616	34	229	173	65
Not specified laborers	8 150	50	21	4 989	138	391	887	88	422	203	253
Farm workers	12 171	12 171	-	-	-	-	-	-	-	-	-
Service workers, including private household	222 206	200	54	915	135	361	733	146	551	804	1 818
Cleaning service workers	40 229	81	23	486	91	280	429	97	367	612	951
Personal service workers	23 282	22	29	99	10	9	13	5	5	15	27
Guards and watchmen	10 234	89	31	132	5	43	181	24	119	127	133
Other service workers, including private household	148 481	-	-	268	29	29	110	20	60	50	-
Female employed	713 247	3 599	307	5 780	1 559	2 660	1 870	859	5 759	9 317	21 327
Professional, technical, and kindred workers	109 013	134	5	163	28	61	80	25	133	511	899
Accountants	3 764	-	3	36	7	18	7	-	20	66	80
Computer specialists	1 546	10	-	5	-	3	7	-	18	150	21
Life and physical scientists	23 079	-	-	5	-	6	35	-	9	-	46
Registered nurses, dietitians, and therapists	593	-	-	-	-	22	-	-	-	-	69
Social scientists	5 431	-	-	87	13	5	12	9	11	189	534
Writers, artists, and entertainers	73 576	40	-	87	24	30	16	3	104	133	123
Other professional, technical, and kindred workers	20 895	41	5	212	24	30	16	3	99	121	12
Managers and administrators, except farm	17 648	24	5	68	24	30	-	-	5	-	-
Salaried	3 247	-	-	-	-	-	-	-	-	-	-
Self-employed	53 776	46	-	92	10	54	4	4	5	61	65
Sales workers	277 040	712	211	4 442	682	1 153	1 221	439	2 352	5 183	6 859
Clerical and kindred workers	28 458	142	43	860	139	134	98	62	351	524	588
Bookkeepers	16 116	13	-	11	4	4	2	5	15	10	25
Cashiers	3 759	5	-	68	24	21	22	14	81	49	81
File clerks, except food	10 176	12	-	5	4	5	32	20	100	180	327
Office machine operators	13 029	5	32	65	44	65	112	20	109	327	526
Office machine operators and billing machine operators	1 396	-	5	17	7	10	5	5	20	4	27
Receptionists	6 196	66	105	105	6	19	15	6	52	59	57
Secretaries	75 215	287	53	1 988	199	501	466	198	940	2 377	3 073
Stenographers	2 692	11	1	33	8	18	52	31	28	42	89
Typists	32 787	24	24	363	78	157	159	31	327	815	885
Other clerical and kindred workers	88 612	152	50	929	179	209	264	103	425	850	1 208
Craftsmen and kindred workers	11 467	14	15	444	77	80	127	32	239	269	698
Foremen, n.e.c.	3 247	-	-	5	-	17	21	19	37	54	206
Operatives, except transport	109 604	123	54	124	69	1 114	354	328	2 759	3 042	12 276
Assemblers	10 413	-	-	5	155	702	52	52	661	1 061	5 218
Checkers, examiners, and inspectors; manufacturing	8 236	-	-	-	5	148	20	40	354	526	2 123
Packers and wrappers, except meat and produce	12 470	53	-	10	62	148	16	40	422	430	430
Other operatives, except transport	78 485	59	54	109	477	546	266	184	1 484	1 317	4 505
Transport equipment operatives	2 566	6	11	13	-	15	4	-	15	5	5
Laborers, except farm	5 293	282	-	160	15	103	21	11	121	67	191
Farm workers	2 165	2 165	-	-	-	-	-	-	-	-	-
Service workers, including private household	121 428	76	6	130	24	54	43	17	40	46	211
Cleaning service workers	12 900	17	6	91	13	44	18	8	28	30	93
Personal service workers	13 666	8	-	96	-	-	-	-	-	-	26
Other service workers, including private household	94 662	51	-	39	11	10	25	4	12	12	92

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

Table with multiple columns: Motor vehicles and motor equipment, Aircraft and parts, Other transportation equipment, Ordnance, Other durable goods, Manufacturing - Continued (Food and kindred products, Textile mill products, Apparel and other fabricated textile products, Paper and allied products, Printing, publishing, and allied industries, Chemicals and allied products, Rubber and miscellaneous plastic products), and Other nondurable goods, including nondurable goods, not specified in manufacturing. The table lists various occupations and their corresponding counts across these industry groups.

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

PHILADELPHIA, PA.-N.J., SMSA

List of occupations including: Total employed, Professional, technical, and kindred workers, Accountants, Architects, Computer specialists, Engineers, Civil, Electrical and electronic, Industrial, Mechanical, Other engineers, Mathematical specialists, Life and physical scientists, Chemists, Personnel and labor relations workers, Social scientists, Engineering and science technicians, Draftsmen, Electrical and electronic engineering technicians, Industrial and mechanical engineering technicians, Writers, artists, and entertainers, Other professional, technical, and kindred workers, Messengers and administrators, Buyers, purchasing agents, and sales managers, Other managers and administrators, Sales workers, Clerical and kindred workers, Bookkeepers, Cashiers, Estimators and investigators, n.e.c., Office machine operators, Shipping and receiving clerks, Stock clerks and storekeepers, Other clerks and kindred workers, Craftsmen and kindred workers, Blacksmiths, forgers, hammermen, and boilermakers, Brickmasons and stonemasons, Carpenters, Cronemen, derrickmen, and hoistmen, Electricians, Excavating, grading, and road machine operators, Foremen, n.e.c., Mechanics and repairmen, Automobile, including body, Machine shops, job setters, and toolmakers, Machinists, except mechanics and machinists, Metal craftsmen, except mechanics and machinists, Painters, construction and maintenance, and plasterers and paperhangers, Plumbers and pipe fitters, Printing craftsmen, Stationary engineers and power station operators, Other craftsmen and kindred workers, Operatives, except transport, Assemblers, Checkers, examiners, and inspectors; manufacturing, Filers, polishers, senders, and buffers, Painters, manufactured articles, Precision machine operatives, Welders and Homcutters, Other specified operatives, Machine operatives, miscellaneous specified, Machine operatives, not specified, Miscellaneous operatives, Not specified operatives

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

PHILADELPHIA, PA.-N.J., SMSA - Continued	Manufacturing - Continued												
	Durable goods - Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods not specified manufacturing
Total employed - Continued													
Transport equipment operatives	323	118	174	49	1 080	4 521	206	107	1 050	972	1 114	306	1 509
Deliverymen and routemen	32	20	10	6	121	2 998	54	40	128	388	141	22	158
Truck drivers	54	60	67	4	163	590	83	5	492	333	477	110	443
Other transport equipment operatives	236	38	97	39	796					51	502	174	908
Laborers, except farm													
Freight, stock, and material handlers	366	81	547	69	1 733	1 926	669	622	961	650	1 269	594	1 845
Other specified laborers	193	22	164	36	313	1 000	374	522	613	456	653	192	353
Miscellaneous laborers	13	22	232	15	1 166	353	30	7	78	40	257	114	1 078
Not specified laborers	132	6	31	6	216	84	51	14	30	12	30	65	82
Farm workers						489	214	79	240	142	329	223	382
Service workers, including private household													
Cleaning service workers	272	286	278	126	1 347	1 431	979	451	434	618	1 182	324	1 400
Personal service workers	193	137	93	47	291	783	203	249	303	455	765	224	539
Guards and watchmen	13	4	16	5	34	85	16	4	20	24	16	7	32
Other service workers, including private household	20	113	69	70	100	139	51	100	65	54	262	50	162
Female employed	46	32	116	9	922	472	7	51	46	85	139	43	667
Male employed	1 286	2 239	1 122	1 572	12 658	10 744	11 120	31 707	5 799	13 023	11 031	3 685	16 199
Professionals, technical, and kindred workers													
Accountants	69	124	99	131	350	246	95	257	165	1 314	1 249	141	522
Computer specialists	4	22	30	30	21	29	10	36	35	63	85	14	50
Life and physical scientists	5	21	16	24	33	5	33	4	4	30	17	12	55
Registered nurses, dietitians, and therapists	15	11	14	9	15	19	10	7	15	10	253	7	17
Social scientists						29	10			5	7	5	49
Writers, artists, and entertainers						10	25	177		1 057	11	6	6
Other professional, technical, and kindred workers	45	70	63	47	224	157	39	40	111	142	724	97	323
Managers and administrators, except farm													
Salaried	9	31	30	47	137	112	68	154	84	340	184	62	88
Self-employed						93	57	139	78	297	175	62	74
Sales workers						19	11	15	6	43	9		14
Clerical and kindred workers	616	1 422	715	637	4 399	2 737	1 804	2 510	1 796	6 880	5 861	1 100	4 804
Bookkeepers	89	93	46	72	404	545	338	615	203	765	483	184	388
Cashiers	5	5	1	9	9	4	5	5	10	38	19	5	42
Counter clerks, except food	3	7	11	4	42	43	50	54	19	239	41	20	14
File clerks	15	93	51	31	188	64	141	150	105	350	186	30	96
Office machine operators	77	81	37	30	188	195	89	150	81	466	325	79	405
Bookkeeping and billing machine operators						22	16	27	9	69	22	9	22
Receptionists	12	5	5		11	21	40	47	45	89	58	11	35
Secretaries	236	811	225	203	1 071	907	433	350	677	1 489	2 666	368	1 146
stenographers	9	119	143	9	15	32	10	20	17	24	161	6	24
Typists	7	119	180	124	482	275	254	224	224	1 470	917	154	375
Other clerical and kindred workers	107	233	142	155	1 949	621	521	909	395	1 950	1 005	243	2 279
Craftsmen and kindred workers													
Foremen, n.e.c.	55	46	114	48	562	456	313	889	137	1 537	181	118	622
Operatives, except transport	488	537	112	695	6 686	196	265	451	64	238	117	47	85
Assemblers	138	251	114	238	1 154	6 555	8 647	27 476	3 362	2 273	3 293	2 178	9 551
Checkers, examiners, and inspectors; manufacturing	51	81	17	143	394	354	558	1 071	394	384	487	464	436
Packers and wrappers, except meat and produce	29	67	17	21	610	3 833	437	552	695	375	1 192	293	267
Other operatives, except transport	270	196	76	293	4 528	2 232	7 611	25 819	2 009	1 410	1 260	1 314	8 686
Transport equipment operatives													
Laborers, except farm	5	3		4	10	81	5		28	28	14	4	14
Farm workers	5	9	21		175	188	131	269	121	133	75	35	150
Service workers, including private household													
Cleaning service workers	39	19	31	10	208	206	18	60	59	94	98	25	288
Personal service workers	29	9	9	10	42	71	11	32	36	68	45	16	169
Other service workers, including private household	5	4			24	6	7	9	4	5	53	9	115

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

[Date 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 - Continued

Occupation	Retail trade										Finance and real estate		
	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	General merchandise retailing	Food stores	Automotive dealers gasoline stations	Eating and drinking places		Other retail trade	Insurance
Deliverymen and routemen	1 470	12 659	9 718	142	3 722	7 642	919	1 814	699	402	4 688	26	243
Truck drivers	45	1 186	76	59	62	3 856	667	1 044	343	278	2 659	3	19
Other transport equipment operatives	1 303	11 169	182	37	2 508	2 280	1 152	2 779	227	83	1 276	18	101
Labors, except farm	900	2 742	2 275	72	4 343	4 743	2 336	5 907	704	182	3 661	27	992
Freight, stock, and material handlers	285	2 535	1 927	11	1 344	3 184	2 197	5 635	146	115	1 926	5	69
Other specified laborers	97	60	1	36	1 912	709	48	151	470	11	2 257	10	428
Miscellaneous laborers	415	32	36	19	740	295	16	24	5	56	157	7	152
Not specified laborers	103	115	66	9	347	555	77	97	69	5	301	7	143
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	655	254	965	417	991	1 163	3 512	1 470	276	41 509	7 148	590	5 512
Cleaning service workers	270	143	219	305	420	559	727	480	189	944	706	346	3 411
Personal service workers	63	16	272	40	21	73	332	63	13	419	159	13	455
Guards and watchmen	82	77	120	89	109	160	17	52	7	159	159	35	800
Other service workers, including private household	240	18	354	45	441	371	1 990	838	22	40 129	6 124	176	816
Female employed	1 959	2 225	4 689	12 048	4 368	19 029	39 514	18 132	3 425	28 048	45 980	19 947	33 138
Professional, technical, and kindred workers	77	9	60	705	211	359	613	92	70	184	741	761	872
Accountants	43	2	20	75	28	75	111	31	46	26	46	229	278
Computer specialists	10	-	-	73	6	66	21	-	15	-	19	238	114
Life and physical scientists	-	-	-	6	6	-	-	4	-	-	5	-	-
Registered nurses, dietitians, and therapists	-	-	7	-	11	14	41	-	-	50	10	59	35
Registered nurses, dietitians, and therapists	-	-	7	-	11	14	41	-	-	50	10	59	35
Social scientists	-	-	-	8	29	29	-	-	-	-	5	47	47
Writers, artists, and entertainers	-	-	11	151	8	56	169	13	5	89	165	34	363
Other professional, technical, and kindred workers	24	13	22	433	152	119	271	44	4	19	491	196	363
Managers and administrators, except farm	60	20	358	218	75	631	2 433	943	173	1 261	2 772	454	1 662
Salaried	60	11	346	218	75	528	2 287	419	146	678	1 820	454	1 590
Self-employed	-	7	12	-	-	103	136	524	27	583	952	-	72
Sales workers	4	-	85	132	92	1 013	19 819	5 005	128	506	20 819	1 188	1 626
Clerical and kindred workers	1 642	1 982	2 483	10 600	3 323	13 445	12 746	8 806	2 748	2 625	13 971	17 120	26 991
Bookkeepers	231	357	203	439	516	2 689	2 489	801	1 028	392	2 726	1 312	3 253
Cashiers	2	40	304	137	76	170	2 702	619	75	1 641	1 989	1 109	238
Counter clerks, except food	70	13	28	329	111	347	741	50	42	42	86	44	44
File clerks	226	95	52	262	149	826	696	327	61	19	314	1 494	971
Office machine operators	7	15	6	20	137	137	46	5	15	32	264	855	1 643
Bookkeeping and billing machine operators	21	21	38	59	22	93	35	28	15	35	46	25	518
Receptionists	293	466	480	568	555	4 380	901	401	578	239	2 213	4 392	6 048
Secretaries	167	13	44	65	101	91	26	16	14	-	157	142	130
Stenographers	197	321	260	884	400	1 500	1 099	195	275	57	909	3 647	2 965
Other clerical and kindred workers	505	543	1 071	7 748	1 593	3 105	4 753	732	484	168	5 223	4 938	11 412
Craftsmen and kindred workers	38	13	10	226	89	134	437	158	83	79	993	91	102
Foremen, n.e.c.	-	4	5	92	13	134	250	69	5	16	54	55	54
Operatives, except transport	16	28	30	25	70	2 459	710	1 982	134	72	2 143	9	141
Assemblers	5	-	-	-	-	117	10	10	3	-	45	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	16	-	-	1 065	532	23	-	23	212	5	24
Packers and wrappers, except meat and produce	11	15	14	25	70	1 287	408	1 440	131	49	1 886	4	117
Other operatives, except transport	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport equipment operatives	15	155	1 322	41	256	41	85	15	27	24	78	7	54
Labors, except farm	26	43	75	5	73	395	477	483	19	31	498	7	54
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	81	12	256	137	169	274	2 174	648	23	23 266	3 965	317	1 490
Cleaning service workers	38	-	16	79	52	92	213	49	6	223	164	161	1 170
Personal service workers	12	-	182	30	18	37	241	10	6	223	112	4	150
Other service workers, including private household	31	12	58	28	99	145	1 720	589	11	22 820	3 689	132	370

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	PHILADELPHIA, PA.—N.J., SMSA											
	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Total employed	36 099	28 103	8 458	62 388	11 704	70 265	35 442	78 798	53 402	26 752	59 427	108 616
Accountants	7 647	880	330	1 492	2 703	29 009	16 002	50 288	30 469	10 452	30 549	15 064
Architects	16	84	84	449	26	227	92	92	135	142	1 254	3 273
Computer specialists	1 169	6	6	20	—	60	—	35	19	—	334	32
Engineers	1 032	151	4	28	26	88	95	51	164	22	398	2 691
Chemical	—	—	—	—	—	—	14	—	12	—	3	64
Civil	—	—	—	—	—	10	14	—	5	—	807	383
Electrical and electronic	—	—	—	—	—	10	—	—	10	16	739	499
Industrial	—	—	—	—	—	23	—	—	32	20	499	449
Mechanical	—	—	—	—	—	9	—	—	25	10	482	483
Other engineers	—	—	—	—	—	33	—	—	32	37	1 091	573
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—
Life physical scientists	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—
Physicists	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor-relations workers	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—
Engineers and science technicians	—	—	—	—	—	—	—	—	—	—	—	—
Draftsman	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	—	—	—	—	—	—	—	—	—	—	—	—
Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—	—	—	—	—
Other managers and administrators	—	—	—	—	—	—	—	—	—	—	—	—
Salaried	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	—	—	—	—	—	—	—	—	—	—	—	—
Clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Bookkeepers	—	—	—	—	—	—	—	—	—	—	—	—
Editors and investigators, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators	—	—	—	—	—	—	—	—	—	—	—	—
Shoppers and retailing clerks	—	—	—	—	—	—	—	—	—	—	—	—
Stock clerks and storekeepers	—	—	—	—	—	—	—	—	—	—	—	—
Other clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Blacksmiths, forgers, hammermen, and boilermakers	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters	—	—	—	—	—	—	—	—	—	—	—	—
Cronemen, derrickmen, and hoistmen	—	—	—	—	—	—	—	—	—	—	—	—
Electricians	—	—	—	—	—	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—
Mechanics and repairmen	—	—	—	—	—	—	—	—	—	—	—	—
Automobile, including body	—	—	—	—	—	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	—	—	—	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	—	—	—	—	—	—	—	—	—	—	—	—
Plumbers and pipe fitters	—	—	—	—	—	—	—	—	—	—	—	—
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	—	—	—	—	—	—	—	—	—	—	—	—
Other craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	—	—	—	—	—	—	—	—	—	—	—	—
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	—	—	—	—	—	—	—	—	—	—	—	—
Other specified operatives	—	—	—	—	—	—	—	—	—	—	—	—
Machine operatives, miscellaneous specified	—	—	—	—	—	—	—	—	—	—	—	—
Machine operatives, not specified	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous operatives	—	—	—	—	—	—	—	—	—	—	—	—
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

PHILADELPHIA, PA.-N.J., SMSA - Continued	Total employed - Continued											
	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious and nonprofit membership organizations	Other professional and related services	Public administration
Deliverymen and routemen	479	1 232	37	1 917	76	171	98	186	164	168	113	1 353
Truck drivers	140	78	3	1 345	10	28	54	26	27	10	12	36
Other transport equipment operatives	222	243	-	1 324	12	46	15	68	36	111	13	1 000
	97	894	34	618	54	103	29	72	106	47	88	317
Labors, except farm	387	1 247	78	1 396	941	498	151	449	480	215	463	2 418
Freight, stock, and material handlers	149	18	6	198	52	28	28	100	72	43	27	1 257
Other specified laborers	65	1 082	30	927	773	240	61	257	338	110	342	1 838
Miscellaneous laborers	50	88	4	10	30	7	11	6	4	11	11	41
Not specified laborers	123	59	42	261	86	23	38	86	66	51	23	282
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	5 245	1 417	5 997	40 074	3 648	23 107	10 715	11 256	7 438	4 740	7 639	23 723
Cleaning service workers	2 617	189	1 960	13 196	693	3 368	3 718	5 661	3 088	2 302	340	2 037
Personal service workers	153	98	977	13 196	1 194	714	378	1 562	1 322	924	124	338
Guards and watchmen	2 076	45	45	81	81	518	53	330	404	137	155	1 863
Other service workers, including private household	399	1 101	2 215	26 375	1 680	18 507	9 008	3 703	2 624	1 377	7 020	19 465
Female employed	15 358	4 014	4 613	43 382	3 698	52 158	22 845	49 983	31 824	14 437	29 150	34 061
Professional, technical, and kindred workers	1 918	153	102	545	734	22 299	6 585	31 523	17 682	4 269	7 994	3 641
Accountants	116	10	6	20	64	6	6	28	68	12	318	425
Computer specialists	197	9	-	-	-	21	5	5	44	-	58	130
Life and physical scientists	37	-	-	-	-	206	102	20	115	5	95	63
Registered nurses, dietitians, and therapists	81	-	4	248	6	15 656	4 272	1 287	444	230	39	192
Social scientists	32	-	-	-	-	115	12	89	62	17	41	84
Writers, artists, and entertainers	544	3	25	123	383	37	170	58	815	656	815	170
Other professional, technical, and kindred workers	911	131	67	154	345	6 200	2 167	30 036	16 779	3 349	6 628	1 330
Managers and administrators, except farm	529	93	221	651	236	648	331	975	1 238	647	437	1 792
Subsidiary	450	78	128	416	203	643	290	975	1 195	631	401	1 792
Self-employed	79	15	93	235	33	5	41	-	43	16	36	-
Sales workers	421	100	20	496	141	145	21	38	82	140	207	67
Clerical and kindred workers	10 059	2 749	1 123	4 030	1 389	10 919	5 932	9 685	8 207	6 646	14 453	24 481
Bookkeepers	714	360	156	357	175	620	414	311	311	546	910	1 311
Cashiers	21	138	200	176	370	358	5	542	274	25	51	105
Counter clerks, except food	66	85	189	545	57	45	-	11	30	14	9	39
File clerks	572	72	18	59	546	257	76	159	272	180	272	1 249
Office machine operators	831	26	5	57	11	258	44	95	222	113	447	1 772
Bookkeeping and billing machine operators	51	-	-	11	5	63	9	9	16	6	24	75
Receptionists	209	16	49	279	21	960	1 380	81	296	260	24	227
Secretaries	2 842	650	213	371	405	3 402	3 015	4 101	4 082	3 466	6 370	4 199
Stenographers	116	7	62	4	21	70	45	44	32	73	78	777
Typists	1 363	155	98	98	90	1 509	455	1 063	777	1 232	929	4 360
Other clerical and kindred workers	3 105	1 270	231	1 084	232	3 151	498	3 681	1 862	737	5 146	10 442
Craftsmen and kindred workers	267	205	4	207	5	135	154	265	101	91	101	137
Foremen, n.e.c.	94	-	4	62	-	78	29	32	25	52	19	84
Operatives, except transport	1 058	290	108	4 935	22	848	239	57	194	189	437	696
Assemblers	19	5	6	13	5	5	7	-	-	34	17	-
Checkers, examiners, and inspectors; manufacturing	452	10	-	90	-	15	16	-	5	-	24	-
Packers and wrappers, except meat and produce	587	275	102	4 822	17	828	216	57	189	167	396	647
Other operatives, except transport	8	52	-	49	5	5	5	71	21	18	13	31
Transport equipment operatives	57	27	-	221	35	146	26	55	50	26	49	132
Labors, except farm	-	-	-	-	-	-	-	-	-	-	-	-
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	1 041	345	3 035	32 258	1 131	17 013	9 552	7 014	4 249	2 411	5 459	3 984
Cleaning service workers	758	36	1 505	7 502	158	1 709	836	2 087	1 234	687	128	330
Personal service workers	128	67	555	7 502	237	467	176	1 406	1 054	718	94	176
Other service workers, including private household	155	242	975	24 502	736	14 837	8 383	3 521	1 961	1 006	5 237	2 578

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing															
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies								
TRENTON SMSA																				
Total employed	127 472	1 171	250	6 766	35 363	2 555	1 834	2 074	522	2 449	3 495	5 002								
Professional, technical, and kindred workers	23 463	101	56	299	4 561	5	85	203	43	207	613	1 046								
Accountants	1 237	8		21	382			26	10	27	59	46								
Architects	159				166					5	45	46								
Computer specialists	2 987			144	1 077	5	24	54	29	64	205	335								
Engineers	1 271				99			5		5										
Chemical				107				3				229								
Civil					30			5				44								
Electrical and electronic				16	318		13	15		37	35	21								
Industrial					217			10		10	21	41								
Mechanical					314			73		12	77	21								
Other engineers				6	251		11	29	24	12	77	41								
Other professional, technical, and kindred workers	81				11						16	6								
Mathematical specialists					514			11		12	16	100								
Life and physical scientists				4	377			5		7	20	30								
Chemists				6	250		15	13		19	26	25								
Personnel and labor relations workers					56			5		6	11	37								
Social scientists					909		23	35	4	43	141	372								
Engineering and science technicians				90	266		14	9		27	192	62								
Draftsmen					227						12	191								
Electrical and electronic engineering technicians					81			16		4	18	25								
Industrial and mechanical engineering technicians					21			4			40	145								
Technicians, except health, and engineering and science					422		14	4		31	67	24								
Writers, artists, and entertainers					753															
Other professional, technical, and kindred workers				21																
Managers and administrators, except farm					1 735		28	46	8	67	152	268								
Buyers, purchasing agents, and sales managers					14		16	26		4	24	29								
Other managers and administrators					439		66	33	8	63	128	239								
Salaried					1 400		59	29	8	63	122	239								
Self-employed					39						6									
Sales workers					746		29	13	16	15	43	42								
Clerical and kindred workers					4 593		154	235	61	207	530	498								
Bookkeepers					108		10	19	4	35	31	26								
Cashiers					44			7				6								
Estimators and investigators, n.e.c.					228		16	5	4	11	68	66								
Office machine operators					354		14	13	4	27	22	22								
Shipping and receiving clerks					223		11	5	7	24	20	16								
Stock clerks and storekeepers					3 266		103	191	33	110	389	375								
Other clerical and kindred workers					77		285	669	59	588	742	462								
Craftsmen and kindred workers					5 779		16	16												
Blacksmiths, forgemen, hammermen, and boilermakers					34		6	7		9		5								
Brickmasons and stonemasons					38		6	15	7	6	23	5								
Carpenters					787			101	7	16	12	30								
Cranemen, derrickmen, and hoistmen					45		22	40	7	20										
Electricians					273			225		4										
Excavating, grading, and road machine operators					63			107	17	150	128	162								
Foremen, n.e.c.					187		66	163	7	70	118	61								
Metal fabricators					787		6	66	7	5	5									
Motor vehicle including body					61		50	25	7	5	310	88								
Machinists, job setters, and toolmakers					929		50	115	7	115	68	49								
Metal craftsmen, except mechanics and machinists					70		4	132	11	95	11	5								
Painters, construction and maintenance, and plasterers and paperhangers					59		6	7	6	14	10	15								
Plumbers and pipe fitters					435		9	15	6	4	3	4								
Printing craftsmen					508			23	4		3									
Stationary engineers and power station operators					14		14				44									
Other craftsmen and kindred workers				1 143	954	40		40		97										
Operatives, except transport					14 703		878	626	315	1 092	1 203	2 372								
Assemblers					1 392		44	22	15	81	241	675								
Checkers, examiners, and inspectors, manufacturing					287			22	34	60	121	337								
Electricians, examiners, and buffers					206		3	7	7	43	26	4								
Electricians, painters, sanders, and buffers					186		45	4	4	35	19	42								
Painters, manufacturers					488		22	37	7	43	23	23								
Precision instrument makers					474			52	4	182	93	84								
Welders and trimcutters					52			11	7	182	273	23								
Other specified operatives					5 731		204	193	45	280	134	445								
Machine operatives, miscellaneous specified					2 102		173	192	59	280	134	279								
Machine operatives, not specified					1 236		25	67	53	101	86	261								
Miscellaneous operatives					1 889		14	27	27	74	139	29								
Not specified operatives					811		4	88	34	59	42	96								

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

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

TRENTON SMSA - Continued

Total employed - Continued

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						Total
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical		Electrical, machinery, equipment, and supplies
Deliverymen and routemen	4 357	28	31	257	4	100	53	10	72	63	68
Truck drivers	1 889	4	10	17	-	4	-	-	6	15	9
Other transport equipment operatives	1 782	10	10	159	4	57	30	5	36	30	30
Other transport equipment operatives	1 686	14	11	81	4	39	23	5	30	39	29
Laborers, except farm	4 706	139	-	880	12	178	159	-	136	90	131
Freight, stock, and material handlers	2 439	4	-	52	5	52	32	-	79	40	68
Other specified laborers	2 267	135	-	343	7	28	57	-	19	10	11
Miscellaneous laborers	2 230	139	-	856	7	10	14	-	21	14	5
Not specified laborers	733	-	-	7	-	88	56	-	17	26	47
Farm workers	714	714	-	-	-	-	-	-	-	-	-
Service workers, including private household	16 644	18	5	93	-	43	70	10	65	59	115
Cleaning service workers	3 339	7	-	32	-	26	52	3	41	42	52
Personal service workers	1 653	-	-	14	-	17	6	-	18	4	5
Guards and watchmen	22 974	11	5	39	-	17	7	7	18	6	27
Other service workers, including private household	10 668	-	-	-	-	-	12	-	6	7	31
Female employed	51 161	226	53	390	23	493	124	148	422	528	2 319
Professional, technical, and kindred workers	8 303	20	5	-	-	14	20	-	17	41	56
Accountants	1 67	-	-	-	-	-	6	-	-	5	4
Computer specialists	106	-	-	-	-	-	-	-	-	6	4
Life and physical scientists	53	-	-	-	-	-	4	-	4	10	-
Registered nurses, dietitians, and therapists	1 369	-	-	-	-	-	4	-	-	-	-
Social scientists	47	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	505	4	5	-	-	5	10	-	13	20	36
Other professional, technical, and kindred workers	5 991	16	-	-	-	9	-	-	5	-	12
Managers and administrators, except farm	1 398	-	-	8	-	-	-	-	5	-	12
Salaries	1 255	-	-	8	-	-	-	-	5	-	12
Self-employed	143	-	-	-	-	-	-	-	-	-	-
Sales workers	3 386	5	-	9	-	5	5	5	-	-	5
Clerical and kindred workers	20 431	41	43	274	8	103	89	30	101	331	331
Bookkeepers	1 937	15	4	88	-	-	4	4	26	17	11
Cashiers, clerks, except food	1 803	-	-	-	-	-	-	-	-	-	-
File clerks	1 007	-	-	5	-	-	-	-	-	-	-
Office machine operators	911	-	3	5	-	10	5	4	5	9	21
Bookkeeping and billing machine operators	84	-	-	-	-	-	-	-	-	46	5
Receptionists	386	4	-	-	-	10	5	4	11	11	5
Secretaries	5 370	17	36	109	8	10	32	11	29	146	160
Stenographers	610	4	-	4	-	-	6	-	4	6	6
Typists	2 649	-	-	20	-	20	6	-	4	59	50
Other clerical and kindred workers	6 616	5	-	43	-	35	36	11	26	44	78
Foremen, n.e.c.	530	-	-	25	6	24	4	4	9	18	55
Foremen, n.e.c.	156	-	-	94	-	8	-	-	-	4	12
Operatives, except transport	7 641	-	-	44	9	303	6	109	277	127	1 791
Assemblers	872	5	-	5	-	5	35	35	30	53	553
Checkers, examiners, and inspectors; manufacturing	746	-	-	-	-	57	-	11	17	20	251
Packers and wrappers, except meat and produce	525	-	-	-	-	191	5	5	20	15	40
Other operatives, except transport	5 498	-	-	39	9	191	6	58	210	39	947
Transport equipment operatives	252	-	-	-	-	-	6	-	-	-	10
Laborers, except farm	369	14	-	11	-	31	-	-	13	6	25
Farm workers	141	141	-	-	-	-	-	-	-	-	-
Service workers, including private household	8 710	5	5	19	-	13	-	-	-	5	34
Cleaning service workers	1 091	-	-	4	-	13	-	-	-	-	7
Personal service workers	959	-	-	-	-	-	-	-	-	-	5
Other service workers, including private household	6 660	-	5	15	-	-	-	-	-	-	20

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

		Manufacturing - Continued												
		Durable goods - Continued					Nondurable goods							
		Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
TRENTON SMSA														
	Total employed	1 509	107	29	80	3 227	881	331	1 310	901	2 641	2 964	3 014	2 738
	Professional, technical, and kindred workers	70	32	10	25	384	21	38	32	77	458	759	190	263
	Architects	-	-	-	-	-	-	-	-	-	-	59	20	-
	Computer specialists	23	5	-	25	10	-	-	-	4	39	16	-	57
	Engineers	7	18	-	14	27	-	-	-	-	-	46	6	26
	Civil	-	-	-	-	-	-	-	-	-	-	-	-	5
	Electrical and electronic	5	11	-	5	8	-	-	-	-	-	22	6	10
	Industrial	-	-	-	-	-	-	-	-	-	-	20	10	-
	Mechanical	-	-	-	-	-	-	-	-	-	-	16	9	-
	Other engineers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mathematical specialists	-	-	-	-	-	-	-	-	-	-	-	-	-
	Life and physical scientists	7	-	-	-	17	6	6	-	15	5	237	10	72
	Chemists	14	-	-	-	10	5	8	-	15	25	193	10	63
	Personnel and labor relations workers	7	-	-	-	19	-	-	-	5	5	33	22	11
	Social scientists	8	-	-	-	24	-	-	-	21	19	4	8	20
	Engineering and science technicians	5	-	-	-	4	-	-	-	12	14	21	5	5
	Draftsmen	-	-	-	-	-	-	-	-	-	-	5	-	-
	Electrical and electronic engineering technicians	-	-	-	-	-	-	-	-	-	-	-	-	-
	Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mechanics, except health, and engineering and science	-	-	-	-	-	-	-	-	-	-	-	-	-
	Writers, artists, and entertainers	-	-	-	-	8	-	-	-	-	-	-	-	-
	Other professional, technical, and kindred workers	5	4	5	-	210	-	4	-	11	10	107	26	73
	Managers and administrators, except farm													
	Buyers, purchasing agents, and sales managers	6	4	-	-	125	86	40	65	104	248	216	93	97
	Other managers and administrators	6	4	-	-	9	14	14	7	16	65	31	16	33
	Salaried	6	4	-	-	116	76	26	58	88	183	185	77	64
	Self-employed	-	-	-	-	116	71	26	58	82	173	185	72	64
	Sales workers													
	Clerical and kindred workers	11	-	6	-	32	52	11	36	14	187	64	39	131
	Bookkeepers	143	16	-	11	353	135	44	62	148	913	483	298	269
	Cashiers	-	-	-	5	21	43	4	6	4	103	5	33	21
	Estimators and investigators, n.e.c.	5	-	-	-	-	5	-	-	5	10	-	-	5
	Office machine operators	21	-	-	-	9	18	-	-	5	56	-	7	4
	Shipping and receiving clerks	53	-	-	-	15	22	5	16	11	22	33	53	15
	Stock clerks and storekeepers	57	10	-	6	300	47	35	40	123	657	375	27	224
	Other clerical and kindred workers	378	19	5	13	630	120	41	101	171	472	306	507	134
	Craftsmen and kindred workers													
	Blacksmiths, forgers, hammermen, and boltemakers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Brickmasons and stonemasons	6	-	-	-	-	-	-	-	6	-	6	3	-
	Carpeners	9	-	-	-	-	-	-	-	-	-	-	-	-
	Cranemen, derrickmen, and hoistsmen	30	5	-	-	4	5	-	-	4	6	11	24	5
	Electricians	60	-	-	-	23	25	26	53	68	43	14	-	21
	Excavating, grading, and road machine operators	50	9	-	6	52	50	5	6	42	11	25	248	23
	Foremen, n.e.c.	14	-	-	-	49	-	-	-	7	9	5	4	5
	Mechanics and repairmen, except body and fender	147	-	-	-	49	-	-	-	21	9	26	65	10
	Machinists, job setters, and toolmakers	33	-	-	7	5	-	-	-	-	-	-	-	6
	Metal craftsmen, except mechanics and machinists	24	-	-	-	4	-	-	-	-	-	-	-	-
	Painters, construction and maintenance, and plasterers and paperhangers	3	-	-	-	6	-	-	-	-	-	16	19	-
	Plumbers and pipe fitters	-	-	-	-	9	-	-	-	-	-	403	3	-
	Printing craftsmen	-	-	-	-	6	-	-	-	6	-	6	-	-
	Stationary engineers and power station operators	16	-	5	-	478	35	5	38	-	-	10	16	69
	Other craftsmen and kindred workers	822	36	8	22	1 422	244	151	991	283	188	931	1 548	1 460
	Operatives, except transport													
	Assemblers	102	6	2	14	38	12	6	5	4	6	58	33	10
	Checkers, examiners, and inspectors; manufacturing	53	-	-	-	36	12	-	-	-	-	75	161	155
	Filters, polishers, sanders, and buffers	111	-	-	-	-	-	-	-	-	-	-	-	-
	Painters, manufactured articles	22	-	-	-	-	-	-	-	-	-	-	-	-
	Precision machine operatives	16	-	-	-	20	-	-	-	-	4	-	40	9
	Welders and flamecutters	6	-	-	4	10	-	-	-	6	-	-	-	-
	Other specified operatives	265	7	6	-	1 187	125	145	784	68	86	291	328	1 106
	Machine operatives, miscellaneous specified	95	-	-	-	32	67	-	50	112	33	232	575	66
	Machine operatives, not specified	84	-	-	-	32	14	-	9	53	21	159	162	36
	Miscellaneous operatives	5	11	-	4	13	5	-	3	22	64	44	141	14
	Not specified operatives	63	-	-	-	26	10	-	56	9	11	46	98	51

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods not specified in manufacturing
TRENTON SMSA—Continued													
Total employed—Continued													
Transport equipment operatives.....	19	—	—	—	109	155	—	5	35	59	51	83	56
Deliverymen and routemen.....	—	—	—	—	—	83	—	—	12	21	6	5	12
Truck drivers.....	5	—	—	—	16	40	—	—	5	26	19	34	33
Other transport equipment operatives.....	14	—	—	—	93	32	—	5	18	12	26	44	11
Labors, except farm													
Freight, stock, and material handlers.....	18	—	—	4	85	34	6	14	51	60	74	188	208
Other specified laborers.....	18	—	—	—	27	14	—	—	23	43	40	81	56
Miscellaneous laborers.....	—	—	—	4	52	7	—	—	9	9	19	27	122
Not specified laborers.....	—	—	—	—	6	13	6	14	23	8	21	75	30
Farm workers													
Service workers, including private household.....	42	—	—	5	87	34	—	4	18	56	130	68	120
Personal service workers.....	30	—	—	5	23	18	—	4	8	30	95	48	29
Guards and watchmen.....	—	—	—	—	—	9	—	—	10	7	6	9	5
Other service workers, including private household.....	12	—	—	—	60	7	—	—	—	19	29	11	77
Female employed													
Professional, technical, and kindred workers.....	445	21	6	29	1 022	229	129	1 034	142	1 066	1 041	512	974
Accountants.....	—	—	—	—	21	—	—	4	5	148	108	23	17
Computer specialists.....	—	—	—	—	—	—	—	—	5	16	6	—	—
Life and physical scientists.....	—	—	—	—	5	—	—	—	—	11	6	—	—
Registered nurses, dietitians, and therapists.....	—	—	—	—	—	—	—	—	—	—	39	—	4
Social scientists.....	—	—	—	—	—	—	—	—	—	—	5	6	8
Writers, artists, and entertainers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers.....	—	—	—	—	16	—	—	4	—	110	4	6	5
Managers and administrators, except farm													
Salaries.....	—	—	—	—	—	14	—	—	—	10	19	5	16
Self-employed.....	—	—	—	—	—	14	—	—	—	10	19	5	16
Sales workers													
Clerical and kindred workers.....	28	16	—	11	211	72	29	34	85	724	324	157	165
Bookkeepers.....	—	6	—	—	11	32	4	—	4	89	5	29	13
Cashiers.....	—	—	—	—	6	—	—	—	—	16	—	—	—
Counter clerks, except food.....	—	—	—	—	—	—	5	—	—	11	—	—	—
File clerks.....	—	—	—	—	—	—	—	—	—	—	5	—	—
Office machine operators.....	—	—	—	—	9	7	—	—	—	34	—	7	4
Bookkeeping and billing machine operators.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists.....	15	10	—	6	50	4	14	5	52	153	201	52	41
Secretaries.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Stenographers.....	—	—	—	—	14	7	6	6	7	111	28	10	10
Typists.....	13	—	—	—	117	12	6	18	22	254	69	59	93
Other clerical and kindred workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers													
Foremen, n.e.c.....	9	5	—	—	16	4	5	50	—	48	33	6	—
Operatives, except transport.....	387	—	6	14	728	105	95	940	47	69	519	292	715
Assemblers.....	56	—	—	—	20	12	—	5	5	6	17	—	5
Checkers, examiners, and inspectors; manufacturing.....	49	—	—	14	10	5	6	52	4	—	66	85	99
Packers and wrappers, except meat and produce.....	—	—	—	6	13	34	—	20	5	—	152	35	6
Other operatives, except transport.....	282	—	—	—	685	54	85	863	38	63	250	155	605
Transport equipment operatives													
Labors, except farm.....	6	—	—	4	20	5	—	—	5	6	10	14	29
Farm workers													
Service workers, including private household.....	15	—	—	—	15	—	—	—	—	25	28	10	20
Cleaning service workers.....	9	—	—	—	6	—	—	—	—	6	16	5	17
Personal service workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household.....	6	—	—	—	9	—	—	—	—	9	—	—	3

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

Occupation	Manufacturing — Continued												
	Durable goods — Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, except not specified manufacturing
TRENTON SMSA													
Total employed	694	1 480	1 095	1 599	2 007	3 374	2 553	2 268	1 765	3 254	6 528	1 510	3 034
Accountants	20	26	72	156	178	176	28	5	28	32	196	56	162
Architects	5	5	—	—	17	20	5	5	18	—	14	11	29
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	9	15	15	60	45	27	—	—	—	—	5	10	17
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	4	—	5	—	—	5	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	54	—	—	—	—	—	—	—	—	—
Industrial	—	5	—	6	—	5	—	—	—	—	—	—	—
Mechanical	—	6	10	—	—	—	—	—	—	—	—	—	—
Other engineers	5	4	—	—	5	25	—	—	—	—	—	10	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	6	—	—	—	—	—	—	—	—	—	6	—
Chemists	—	—	—	—	12	5	—	—	—	—	—	—	10
Personnel and labor relations workers	—	—	—	—	12	9	11	—	6	12	4	—	10
Social scientists	—	—	5	35	—	21	3	—	—	—	5	—	4
Engineering and science technicians	—	—	—	9	26	20	—	—	—	—	10	—	45
Draftsmen	—	—	—	—	13	5	—	—	—	—	6	—	—
Electrical and electronic engineering technicians	—	—	—	4	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	6	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	47	10	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	6	—	5	3	68	39	9	—	4	21	27	9	18
Managers and administrators, except farm	145	97	136	192	70	452	350	280	250	421	906	160	619
Buyers, purchasing agents, and sales managers	8	—	14	—	—	104	204	42	15	11	278	11	17
Other managers and administrators	137	97	122	127	70	348	246	218	235	209	628	149	602
Salaried	137	90	107	127	70	289	134	142	132	209	549	144	549
Self-employed	—	7	15	—	—	59	12	76	83	190	208	5	53
Sales workers	—	21	26	19	21	768	1 302	557	339	69	2 426	528	543
Clerical and kindred workers	94	233	223	938	437	669	488	553	179	185	1 036	725	1 269
Bookkeepers	—	40	37	76	39	134	60	30	84	46	254	38	214
Cashiers	—	—	11	—	5	141	141	395	10	114	86	16	25
Estimators and investigators, n.e.c.	6	5	—	13	10	10	6	—	—	—	6	42	16
Office machine operators	—	—	6	66	6	100	5	—	—	—	20	13	58
Shipping and receiving clerks	10	24	—	—	10	100	27	6	5	—	37	7	—
Stock clerks and storekeepers	5	—	—	—	4	388	22	46	15	4	35	—	4
Other clerical and kindred workers	59	164	169	763	363	768	202	76	65	21	578	638	926
Craftsman and kindred workers	209	102	96	318	536	313	68	101	472	26	555	9	101
Blacksmiths, forgers, hammermen, and boilermakers	—	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—	—
Carpeners	—	—	—	—	15	4	—	—	—	—	37	—	12
Cranemen, derrickmen, and hoistsmen	26	—	—	5	—	—	—	—	—	—	10	—	5
Electricians	—	—	6	—	3	6	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	28	46	16	20	75	40	16	19	10	5	29	9	20
Foremen, n.e.c.	—	31	10	—	109	121	34	5	453	5	154	7	24
Mechanics and repairmen	—	—	36	—	16	24	—	5	23	—	23	—	—
Automobile, including body	—	—	—	—	3	5	—	—	444	—	7	—	—
Machinists, job setters, and toolmakers	6	—	—	—	5	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	—	—	—	—	8	—	—	—	—	4	—	16
Painters, construction and maintenance, and plasterers and paperhangers	—	—	—	—	4	—	—	—	—	—	5	—	8
Plumbers and pipe fitters	—	—	—	—	15	—	—	—	—	—	12	—	—
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	117	5	—	278	194	116	18	77	9	16	297	—	11
Other craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	14	22	23	—	97	214	22	375	443	5	345	—	—
Assemblers	—	—	—	—	6	15	—	—	—	—	12	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and homecrafters	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specified operatives	—	—	—	—	—	17	—	336	—	—	—	—	—
Machine operatives, miscellaneous specified	—	—	—	—	—	124	—	—	—	—	—	—	—
Machine operatives, not specified	4	12	11	—	51	14	5	—	433	—	10	—	—
Miscellaneous operatives	—	—	—	—	15	24	—	—	—	—	299	—	—
Not specified operatives	5	10	7	—	14	10	5	14	—	5	—	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

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

TRENTON SMSA - Continued

Total employed - Continued

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
Delivermen and roulemen	101	832	436	5	343	501	47	20	11	311	18	
Truck drivers	5	69	24	5	73	265	41	6	11	135	13	
Other transport equipment operators	98	785	412	5	270	169	6	4	—	174	5	
Laborers, except farm	79	147	41	—	264	220	258	34	17	251	38	
Freight, stock, and material handlers	45	131	13	—	84	137	251	4	—	109	—	
Other specified laborers	24	—	12	—	115	52	—	10	—	86	29	
Miscellaneous laborers	24	—	7	—	34	10	—	—	—	22	13	
Not specified laborers	10	16	9	—	31	21	7	20	17	34	—	
Farm workers	—	—	—	—	—	—	—	—	—	—	—	
Service workers, including private household	32	—	42	31	61	61	92	—	2,487	502	284	
Cleaning service workers	12	—	12	17	40	23	21	—	48	79	144	
Personal service workers	9	—	21	6	9	3	5	—	8	5	24	
Guards and watchmen	—	—	—	—	—	—	—	—	—	—	15	
Other service workers, including private household	11	—	9	8	10	27	66	—	2,431	413	101	
Female employed	21	194	375	960	284	678	924	170	1,689	2,769	1,429	
Professional, technical, and kindred workers	—	6	5	28	—	21	—	7	17	25	41	
Accountants	—	—	—	—	—	5	—	—	—	—	5	
Computer specialists	—	—	—	—	—	—	—	—	—	—	7	
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	
Social scientists	—	—	—	—	—	—	—	—	—	—	—	
Writers, artists, and entertainers	—	—	5	—	—	—	—	—	11	14	—	
Other professional, technical, and kindred workers	—	6	—	28	—	11	—	—	6	11	12	
Managers and administrators, except farm	—	6	44	9	5	39	33	23	73	217	97	
Self-employed	—	6	39	9	5	39	26	23	34	155	92	
Self-employed	—	—	5	—	—	—	7	—	39	82	5	
Sales workers	—	—	20	4	—	61	353	22	48	1,286	183	
Clerical and kindred workers	9	148	139	896	237	448	372	104	145	790	1,031	
Bookkeepers	—	24	23	10	9	101	55	30	35	215	161	
Cashiers	—	—	—	10	—	—	307	—	89	77	—	
Counter clerks, except food	—	5	—	6	—	19	6	—	5	—	17	
File clerks	—	—	6	16	—	23	6	—	—	61	—	
Office machine operators	—	—	6	6	6	31	—	—	—	13	—	
Bookkeeping and billing machine operators	—	—	—	8	—	10	—	—	—	—	—	
Receptionists	5	—	6	5	—	—	—	—	—	10	—	
Secretaries	—	39	44	21	48	114	—	30	—	105	177	
stenographers	4	6	—	6	20	11	—	—	—	174	255	
Typists	—	15	26	12	20	36	—	5	—	68	62	
Other clerical and kindred workers	—	59	34	690	143	118	23	19	16	238	457	
Craftsmen and kindred workers	—	—	—	9	—	11	—	10	—	39	—	
Foremen, n.e.c.	—	—	—	—	—	—	—	—	—	—	9	
Operatives, except transport	—	—	—	—	—	63	103	4	5	120	—	
Assemblers	—	—	—	—	—	11	—	—	—	5	—	
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	
Packers and wrappers, except meat and produce	—	—	—	—	—	33	27	—	—	—	—	
Other operatives, except transport	—	—	—	—	—	19	76	4	5	115	—	
Transport equipment operatives	—	34	141	—	26	10	3	—	—	—	—	
Laborers, except farm	—	—	5	—	5	10	20	—	—	24	4	
Farm workers	—	—	—	—	—	—	—	—	—	—	—	
Service workers, including private household	12	—	21	14	11	15	40	—	1,401	308	73	
Cleaning service workers	6	—	—	4	—	13	—	—	—	43	35	
Personal service workers	—	—	16	6	—	6	—	—	—	5	8	
Other service workers, including private household	6	—	5	4	5	10	40	—	1,398	260	30	

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	TRENTON SMSA											
	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Total employed.....	4 092	2 020	527	4 288	756	4 064	2 541	7 035	6 645	2 134	5 197	13 462
Professional, technical, and kindred workers.....	1 192	146	37	89	248	1 351	1 180	4 203	3 543	845	2 544	1 932
Accountants.....	16	3	11	5	—	—	5	18	28	14	199	409
Architects.....	—	—	—	—	—	—	—	—	—	—	93	22
Computer specialists.....	183	—	—	—	—	—	—	12	76	—	40	97
Engineers.....	161	11	—	5	—	6	38	11	120	6	208	301
Chemical.....	—	—	—	—	—	—	—	—	—	—	17	—
Civil.....	—	—	—	—	—	—	—	—	—	—	46	159
Electrical and electronic.....	64	—	—	—	—	—	—	—	—	—	32	20
Industrial.....	46	—	—	—	—	—	—	—	—	—	5	4
Mechanical.....	4	—	—	—	—	—	—	—	—	—	31	23
Other engineers.....	47	11	—	—	—	6	35	5	47	—	77	95
Mathematical specialists.....	14	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists.....	92	—	—	—	—	—	—	—	—	—	—	—
Chemists.....	21	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers.....	67	5	—	—	—	18	4	10	—	—	—	—
Social scientists.....	91	—	—	—	—	20	4	15	—	—	—	—
Engineering and science technicians.....	272	—	—	—	—	8	6	12	98	—	178	209
Draftsmen.....	43	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians.....	27	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians.....	5	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science.....	5	—	—	—	—	10	—	15	—	—	—	—
Writers, artists, and entertainers.....	76	9	—	40	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers.....	215	118	21	35	—	1 292	1 076	4 100	3 011	109	230	60
Managers and administrators, except farm.....	399	95	58	146	29	48	126	353	416	194	143	1 126
Buyers, purchasing agents, and sales managers.....	28	6	—	6	—	—	—	—	—	—	—	—
Other managers and administrators.....	371	89	49	140	29	48	126	353	383	194	138	42
Salaried.....	328	84	44	127	29	48	116	333	380	194	128	1 084
Self-employed.....	43	5	—	33	—	—	10	—	3	—	10	—
Sales workers.....	86	14	10	60	49	10	9	9	49	11	36	20
Clerical and kindred workers.....	1 512	316	81	203	109	568	480	1 320	1 322	624	1 333	6 993
Bookkeepers.....	87	34	11	15	4	23	31	59	49	73	21	531
Cashiers.....	7	9	14	9	—	11	—	16	—	—	—	9
Examiners and investigators, n.e.c.....	129	5	—	—	—	—	—	—	—	—	—	163
Office machine operators.....	4	—	—	—	—	—	—	—	—	—	—	442
Shipping and receiving clerks.....	10	—	—	—	—	—	—	—	—	—	—	18
Stock clerks and order clerks.....	10	—	—	—	—	—	—	—	—	—	—	15
Other clerical and kindred workers.....	1 275	263	56	179	67	513	416	1 171	1 787	536	1 208	5 782
Craftsmen and kindred workers.....	231	849	18	138	31	105	42	84	203	102	99	764
Blacksmiths, forgers, hammermen, and boilermakers.....	4	3	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons.....	4	—	—	—	—	—	—	—	—	—	—	—
Carpenters.....	—	—	—	—	—	—	—	—	—	—	—	—
Cranemen, derrickmen, and hoistmen.....	6	—	—	—	—	—	—	—	—	—	—	—
Electricians.....	5	5	—	—	—	—	—	—	—	—	—	—
Excavating, grading, and road machine operators.....	49	38	4	21	5	28	5	15	—	—	—	—
Foremen, n.e.c.....	51	607	—	—	—	—	—	—	—	—	—	—
Mechanics and repairmen.....	—	416	—	—	—	—	—	—	—	—	—	—
Automobile, including body.....	—	—	—	—	—	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers.....	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists.....	28	—	—	—	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers.....	—	—	—	—	—	—	—	—	—	—	—	—
Plumbers and pipe fitters.....	—	—	—	—	—	—	—	—	—	—	—	—
Printing press operators.....	20	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators.....	9	—	—	—	—	—	—	—	—	—	—	—
Other craftsmen and kindred workers.....	59	186	4	107	12	5	33	20	19	9	33	96
Operatives, except transport.....	162	108	25	609	4	123	27	41	77	23	77	115
Assemblers.....	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors: manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—
Filters, polishers, sanders and buffers.....	—	—	—	—	—	—	—	—	—	—	—	—
Printers, manufactured articles.....	—	20	—	—	—	—	—	—	—	—	—	—
Precision machine operatives.....	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters.....	4	—	—	—	—	—	—	—	—	—	—	—
Other specified operatives.....	108	47	25	604	4	112	23	30	47	10	10	74
Machine operatives, miscellaneous specified.....	11	4	—	—	—	7	—	—	—	—	—	17
Machine operatives, not specified.....	6	—	—	—	—	4	—	—	—	—	—	10
Miscellaneous operatives.....	29	15	—	—	—	—	—	—	—	—	—	9
Not specified operatives.....	4	17	—	—	—	—	—	—	—	—	—	—

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

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

TRENTON SMSA - Continued

Total employed - Continued

	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Deliverymen and routemen	50	85	6	99	3	15	4	-	18	9	32	128
Truck drivers	16	12	6	80	3	-	-	-	5	-	13	13
Other transport equipment operatives	25	4	-	5	-	9	-	-	13	-	14	72
Other transport equipment operatives	9	69	-	14	-	-	-	-	9	-	15	43
Labors, except farm	47	147	-	125	75	17	11	57	86	48	25	163
Freight, stock, and material handlers	13	5	-	20	6	6	-	16	16	28	-	64
Other specified laborers	23	132	-	71	65	8	5	30	59	15	20	69
Miscellaneous laborers	6	5	-	5	7	-	-	6	6	6	-	9
Not specified laborers	5	5	-	29	4	-	6	11	21	5	5	21
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	413	260	292	2 819	208	1 827	662	968	931	278	908	2 221
Cleaning service workers	267	9	111	52	44	258	109	346	395	112	27	361
Personal service workers	5	10	32	855	100	71	29	125	121	112	27	49
Guards and watchmen	128	5	5	14	14	40	-	27	68	11	27	440
Other service workers, including private household	13	236	144	1 912	50	1 458	524	270	347	43	845	1 351
Female employed	1 874	494	283	2 993	290	3 107	1 625	4 557	3 002	1 148	2 624	5 853
Professional, technical, and kindred workers	262	29	17	51	105	1 084	476	2 658	1 389	333	877	345
Accountants	5	-	5	-	-	-	-	6	11	4	10	72
Computer specialists	21	-	-	-	-	-	-	7	19	-	9	9
Life and physical scientists	9	-	-	31	-	5	15	119	10	-	17	18
Registered nurses, dietitians, and therapists	11	-	-	-	-	777	292	42	42	27	-	35
Social scientists	39	9	-	20	30	10	8	15	5	57	5	25
Writers, artists, and entertainers	177	20	12	-	75	282	161	2 511	46	240	776	186
Other professional, technical, and kindred workers	77	12	28	25	4	19	72	82	106	41	23	117
Managers and administrators, except farm	72	12	23	14	4	19	72	82	106	41	23	117
Self-employed	5	-	5	11	-	-	-	-	-	-	-	-
Sales workers	29	5	10	40	34	4	9	15	15	11	23	4
Clerical and kindred workers	1 318	236	41	167	106	518	448	1 241	1 085	569	1 729	5 075
Bookkeepers	81	29	6	10	31	31	-	54	38	73	21	395
Cashiers, clerks, except food	29	5	14	16	38	6	-	16	16	-	-	9
File clerks	80	-	5	58	5	-	-	-	-	-	-	-
Office machine operators	99	-	5	9	7	53	19	16	44	13	31	473
Bookkeeping and billing machine operators	4	-	-	-	-	-	-	27	20	4	55	362
Receptionists	11	-	-	-	5	64	52	32	29	35	11	50
Secretaries	443	20	5	33	10	144	172	475	370	285	370	802
Stenographers	9	-	-	4	-	57	57	52	8	5	17	386
Typists	190	-	11	154	-	62	98	154	98	50	51	1 119
Other clerical and kindred workers	405	182	-	49	37	186	41	390	265	50	569	1 479
Craftsmen and kindred workers	17	15	4	23	4	-	5	8	13	9	8	16
Foremen, n.e.c.	7	3	4	-	-	-	-	5	-	9	-	13
Operatives, except transport	49	36	3	466	-	87	18	5	23	5	30	26
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	21	-	-	6	-	5	-	-	-	-	-	-
Packers and wrappers, except meat and produce	28	36	3	460	-	82	5	5	23	5	20	18
Other operatives, except transport	-	-	-	5	-	-	-	-	-	-	-	-
Transport equipment operatives	-	-	-	13	-	-	-	-	6	16	5	-
Labors, except farm	5	57	-	-	-	-	-	-	-	-	-	-
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	117	104	180	2 203	37	1 395	597	563	365	164	529	270
Personal service workers	105	5	79	19	7	130	76	202	101	31	9	107
Other service workers, including private household	5	5	20	1 741	6	62	22	115	84	29	9	11
Other service workers, including private household	7	99	81	-	24	1 203	499	246	140	37	516	152

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

		Manufacturing							Construction	Mining	Agriculture, forestry, and fisheries	Total
		Durable goods			Non-durable goods							
		Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies				
WILMINGTON, DEL.-N.J.-MD., SMSA												
	Total employed	477	2 415	1 271	616	1 653	1 280	1 662	13 527	243	3 450	62 156
	Professionals, technical, and kindred workers	9	98	62	47	173	199	192	745	21	121	12 849
	Accountants	—	—	—	—	—	—	—	—	—	—	—
	Architects	—	—	—	—	—	—	—	—	—	—	—
	Computer specialists	—	—	—	—	—	—	—	—	—	—	—
	Engineers	—	—	—	—	—	—	—	—	—	—	—
	Chemical	—	—	—	—	—	—	—	—	—	—	—
	Civil	—	—	—	—	—	—	—	—	—	—	—
	Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—
	Industrial	—	—	—	—	—	—	—	—	—	—	—
	Mechanical	—	—	—	—	—	—	—	—	—	—	—
	Other engineers	—	—	—	—	—	—	—	—	—	—	—
	Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—
	Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—
	Chemists	—	—	—	—	—	—	—	—	—	—	—
	Personnel and labor relations workers	—	—	—	—	—	—	—	—	—	—	—
	Social scientists	—	—	—	—	—	—	—	—	—	—	—
	Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—
	Draftsmen	—	—	—	—	—	—	—	—	—	—	—
	Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—
	Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—
	Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—
	Writers, artists, and entertainers	—	—	—	—	—	—	—	—	—	—	—
	Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—
	Managers and administrators, except farm	—	—	—	—	—	—	—	—	—	—	—
	Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—	—	—	—
	Other managers and administrators	—	—	—	—	—	—	—	—	—	—	—
	Salaries	—	—	—	—	—	—	—	—	—	—	—
	Self-employed	—	—	—	—	—	—	—	—	—	—	—
	Sales workers	—	—	—	—	—	—	—	—	—	—	—
	Clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—
	Bookkeepers	—	—	—	—	—	—	—	—	—	—	—
	Cashiers	—	—	—	—	—	—	—	—	—	—	—
	Estimators and investigators, n.e.c.	—	—	—	—	—	—	—	—	—	—	—
	Office machine operators	—	—	—	—	—	—	—	—	—	—	—
	Shipping and receiving clerks	—	—	—	—	—	—	—	—	—	—	—
	Stock clerks and storekeepers	—	—	—	—	—	—	—	—	—	—	—
	Other clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—
	Craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—
	Blacksmiths, forgers, hammerers, and boiler-makers	—	—	—	—	—	—	—	—	—	—	—
	Brickmasons and Stonemasons	—	—	—	—	—	—	—	—	—	—	—
	Carpenters	—	—	—	—	—	—	—	—	—	—	—
	Croftmen, derrickmen, and hoistmen	—	—	—	—	—	—	—	—	—	—	—
	Electricians	—	—	—	—	—	—	—	—	—	—	—
	Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	—
	Machinists and related machine body	—	—	—	—	—	—	—	—	—	—	—
	Mechanics, job setters, and toolmakers	—	—	—	—	—	—	—	—	—	—	—
	Metal craftsmen, except mechanics and machinists	—	—	—	—	—	—	—	—	—	—	—
	Painters, construction and maintenance, and plasterers and paperhangers	—	—	—	—	—	—	—	—	—	—	—
	Plumbers and pipe fitters	—	—	—	—	—	—	—	—	—	—	—
	Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—
	Stationary engineers and power station operators	—	—	—	—	—	—	—	—	—	—	—
	Other craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—
	Operators, except transport	—	—	—	—	—	—	—	—	—	—	—
	Assemblers	—	—	—	—	—	—	—	—	—	—	—
	Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—
	Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—
	Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—
	Precision machine operators	—	—	—	—	—	—	—	—	—	—	—
	Welders and flamecutters	—	—	—	—	—	—	—	—	—	—	—
	Other specified operatives	—	—	—	—	—	—	—	—	—	—	—
	Machine operatives, miscellaneous specified	—	—	—	—	—	—	—	—	—	—	—
	Machine operatives, not specified	—	—	—	—	—	—	—	—	—	—	—
	Miscellaneous operatives	—	—	—	—	—	—	—	—	—	—	—
	Not specified operatives	—	—	—	—	—	—	—	—	—	—	—
	Total	477	2 415	1 271	616	1 653	1 280	1 662	13 527	243	3 450	62 156

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

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

Total employed—Continued

	Persons 16 years and over	Agriculture, forestry, and fisheries	Mining	Construction	Total	Manufacturing						
						Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
Transport equipment operatives	6 393	16	49	422	1 347	31	190	20	4	31	9	25
Deliverymen and routemen	1 181	—	5	18	216	—	5	—	—	16	5	15
Truck drivers	2 978	10	40	342	495	22	90	5	—	15	4	5
Other transport equipment operatives	2 234	6	4	62	636	9	95	15	4	15	4	5
Labors, except farm	7 061	336	4	1 586	1 899	66	140	62	8	51	26	34
Freight, stock and material handlers	2 600	—	4	39	871	25	103	5	8	25	3	26
Other specified laborers	3 232	324	—	1 542	3 993	41	8	6	—	13	4	4
Miscellaneous laborers	348	6	—	147	495	—	10	18	—	13	19	4
Not specified laborers	881	6	—	5	488	—	19	34	—	13	—	4
Farm workers	2 705	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	23 983	40	9	115	1 661	—	93	46	29	49	23	40
Personal service workers	4 950	17	4	61	1 006	—	65	33	24	39	23	19
Guard and watchmen	2 479	4	—	13	4	—	—	—	—	10	—	—
Other service workers, including private household	1 003	6	5	24	329	—	4	9	—	10	—	10
Female employed	15 561	13	—	17	309	—	24	4	5	—	—	11
Professionals, technical, and kindred workers	69 685	436	32	1 007	13 798	93	884	125	158	270	125	971
Accountants	12 073	26	—	48	1 177	—	24	5	8	—	—	—
Computer specialists	11	—	—	7	91	—	—	—	—	—	—	—
Life and physical scientists	100	—	—	10	7	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	203	—	—	9	123	—	—	—	—	—	—	—
Social scientists	2 437	8	—	—	47	—	3	5	—	—	—	—
Writers, artists, and entertainers	459	13	—	12	16	—	6	—	—	—	—	—
Other professional, technical, and kindred workers	8 393	5	—	9	673	—	15	—	—	—	—	—
Managers and administrators, except farm	2 082	—	4	39	95	—	—	—	—	4	7	—
Salaried	1 778	—	4	32	80	—	—	—	—	4	7	—
Self-employed	304	—	—	7	6	—	—	—	—	—	—	—
Sales workers	5 339	4	—	14	92	—	—	—	—	—	—	4
Clerical and kindred workers	26 107	69	28	750	6 095	29	118	95	44	145	57	78
Bookkeepers	2 340	22	—	151	412	17	15	12	—	31	14	10
Cashiers	1	—	—	—	39	—	—	—	—	—	—	—
Counter clerks, except food	406	—	—	—	67	—	—	—	—	2	5	—
Employment office workers	738	—	—	—	196	—	9	5	—	6	8	—
Office machine operators	1 074	—	—	20	418	—	—	5	—	6	5	—
Bookkeeping and billing machine operators	151	—	—	—	8	—	—	—	—	—	—	—
Receptionists	630	6	—	14	73	—	—	5	—	5	5	—
Secretaries	7 866	27	17	330	2 344	—	25	37	15	68	22	45
stenographers	635	—	—	38	305	—	—	—	—	—	—	—
Typists	2 521	4	—	34	690	5	12	21	—	—	3	8
Other clerical and kindred workers	8 040	10	11	159	1 577	7	52	15	29	33	11	15
Craftsman and kindred workers	823	4	—	65	344	13	12	6	—	5	11	28
Foremen, n.e.c.	224	4	—	—	136	—	—	6	—	6	5	6
Operatives, except transport	7 043	6	—	11	5 610	51	710	9	106	105	15	833
Checkers, examiners, and inspectors; manufacturing	992	—	—	—	680	19	54	5	—	33	—	354
Packers, except meat and produce	577	6	—	—	476	4	4	4	—	17	—	91
Other operatives, except transport	4 723	—	—	11	433	6	85	5	5	6	—	8
Transport equipment operatives	450	—	—	4	3 505	22	95	—	84	49	15	380
Labors, except farm	449	39	—	35	137	—	—	4	—	5	5	9
Farm workers	264	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	15 055	24	—	41	237	—	16	6	—	6	5	19
Personal service workers	1 539	10	—	22	97	—	—	6	—	6	—	8
Other service workers, including private household	11 803	10	—	19	135	—	16	—	—	—	—	11

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
Total employed	7 097	1 468	982	131	2 147	1 897	1 535	1 422	1 424	1 785	25 782	3 155	3 943
Professional, technical, and kindred workers	286	436	99	7	183	48	206	—	103	203	9 407	597	554
Accountants	37	54	—	—	17	10	4	—	35	4	845	25	26
Architects	—	—	5	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	3	—	—	—	—	—	—	6	—	489	—	—
Engineers	143	241	24	7	30	20	30	—	29	—	2 492	174	93
Chemical	—	4	—	3	—	5	—	—	10	—	1 592	35	51
Civil	—	—	—	—	—	—	—	—	—	—	121	25	—
Electrical and electronic	10	5	—	—	—	—	—	—	—	—	150	11	8
Industrial	93	25	4	—	9	—	20	—	10	—	206	14	5
Mechanical	30	20	—	—	—	11	—	—	—	—	354	36	14
Other engineers	5	156	9	4	5	4	10	—	4	—	221	53	15
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	46	—	—
Life and physical scientists	—	—	—	—	8	7	28	—	—	—	1 262	35	37
Chemists	—	—	—	—	8	7	28	—	—	—	1 200	32	—
Personnel and labor relations workers	29	8	6	—	9	—	11	—	5	4	210	37	—
Social scientists	—	—	—	—	—	—	—	—	—	—	355	8	—
Engineering and science technicians	7	83	38	4	45	5	97	—	13	5	2 557	148	85
Draftsmen	7	38	29	—	15	—	9	—	—	—	193	40	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	37	—	4
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	73	—	—
Technicians, except health, and engineering and science	—	15	—	—	—	6	—	—	5	—	22	—	4
Writers, artists, and entertainers	—	—	—	—	21	—	4	—	10	180	236	34	19
Other professional, technical, and kindred workers	6	10	11	—	49	—	26	—	—	—	752	47	280
Managers and administrators, except farm	90	92	26	6	80	98	87	25	53	146	1 674	116	103
Buyers, purchasing agents, and sales managers	8	13	6	—	13	34	—	—	9	48	440	21	4
Other managers and administrators	82	79	20	6	64	64	87	25	44	98	1 234	95	99
Salaried	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	82	79	11	6	65	64	87	11	44	65	1 234	95	99
Sales workers	23	6	35	—	60	65	9	15	38	224	444	36	104
Clerical and kindred workers	481	265	103	12	242	222	209	82	100	379	5 280	330	609
Bookkeepers	66	5	5	—	17	58	7	—	7	5	384	35	38
Cashiers	14	—	—	—	6	—	—	—	—	—	17	—	4
Estimators and investigators, n.e.c.	5	6	7	—	—	—	—	6	—	6	—	—	—
Office machine operators	48	26	4	—	8	5	17	—	11	12	125	10	13
Shipping and receiving clerks	22	9	—	—	36	10	21	—	8	4	483	41	37
Stock clerks and storekeepers	137	22	36	—	17	22	23	—	4	9	181	64	47
Other clerical and kindred workers	189	197	51	12	158	127	144	45	69	318	3 995	166	513
Craftsmen and kindred workers	1 313	388	326	5	481	252	210	118	286	578	4 056	435	646
Blacksmiths, forgemen, hammermen, and boilermakers	4	—	—	—	—	7	—	—	—	6	—	—	14
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters	5	—	71	—	5	6	6	—	—	—	—	—	—
Cranemen, derrickmen, and hoistmen	118	—	24	—	23	5	10	—	—	—	159	7	—
Electricians	—	30	16	—	—	5	—	—	25	18	22	13	—
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	370	34	—
Foremen, n.e.c.	387	—	38	—	76	58	61	64	143	29	1 335	179	140
Mechanics and repairmen	395	108	16	—	34	89	57	15	56	17	654	70	60
Automobile, including body	374	—	—	—	—	14	—	—	—	—	28	—	—
Machinists, job setters, and toolmakers	84	55	21	—	9	4	38	—	23	5	224	75	31
Metal craftsmen, except mechanics and machinists	81	—	59	5	26	—	10	—	4	9	400	—	41
Painters, construction and maintenance, and plasterers and paperhangers	105	33	21	—	—	—	—	—	—	—	10	5	—
Plumbers and pipe fitters	25	—	27	—	9	—	6	—	—	—	402	25	24
Printing craftsmen	5	—	—	—	9	—	13	—	35	498	—	—	4
Stationary engineers and power station operators	27	14	5	—	—	—	3	39	—	—	155	—	44
Other craftsmen and kindred workers	87	15	28	—	287	68	—	—	—	5	136	18	266
Operatives, except transport	4 090	222	341	101	866	782	689	1 148	628	193	3 702	1 456	1 508
Assemblers	2 441	45	71	—	23	19	70	5	33	46	71	18	10
Checkers, examiners, and inspectors; manufacturing	538	41	12	15	39	57	54	—	27	6	149	267	73
Filers, polishers, sanders, and buffers	101	—	5	—	4	—	—	—	—	—	12	5	6
Painters, manufactured articles	222	—	7	10	6	—	—	—	—	—	—	—	—
Precision machine operatives	39	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	332	20	178	—	—	5	—	—	5	—	60	33	11
Other specified operatives	141	35	—	—	—	—	620	988	145	44	731	13	893
Machine operatives, miscellaneous specified	86	15	15	16	588	332	9	—	193	33	47	973	297
Machine operatives, not specified	51	9	4	10	66	192	—	39	193	44	634	464	264
Miscellaneous operatives	124	19	29	10	66	80	—	49	119	39	1 458	204	149
Not specified operatives	15	9	11	—	34	34	—	13	42	4	167	61	83

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

		Manufacturing - Continued												
		Durable goods - Continued					Nondurable goods							
		Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
The State Standard Metropolitan Statistical Areas of 250,000 or More														
WILMINGTON, DEL.-N.J.-MD., SMSA - Continued														
Total employed - Continued														
Transport equipment operatives		233	4	18	-	42	235	32	-	31	17	250	73	102
Deliverymen and roulemen		-	-	-	-	-	142	13	-	8	8	11	13	9
Truck drivers		24	4	12	-	10	71	14	-	8	9	140	9	51
Other transport equipment operatives		209	-	6	-	32	22	5	-	23	-	99	51	42
Laborers, except farm														
Freight, stock, and material handlers		278	5	21	-	163	117	57	10	136	14	356	127	232
Other specified laborers		167	5	11	-	50	82	27	4	83	9	139	60	39
Miscellaneous laborers		56	-	4	-	61	9	6	-	5	-	57	12	129
Not specified laborers		5	-	-	-	5	5	-	-	15	-	3	21	48
Farm workers		45	-	6	-	47	21	24	6	33	5	162	34	16
Service workers, including private household		-	-	-	-	-	-	-	-	-	-	-	-	-
Cleaning service workers		308	50	33	-	30	78	36	24	49	31	613	45	84
Personal service workers		193	7	27	-	3	24	31	19	40	20	375	34	30
Guards and watchmen		6	-	-	-	8	15	5	5	4	5	11	11	4
Other service workers, including private household		30	43	6	-	19	39	-	-	5	6	116	-	50
Female employed														
Professional, technical, and kindred workers		303	197	69	93	307	752	472	1 243	269	530	5 170	626	1 141
Accountants		14	18	12	-	38	5	43	-	16	72	771	54	72
Computer specialists		-	8	-	-	-	5	-	-	16	4	50	-	-
Life and physical scientists		-	-	-	-	-	5	-	-	16	-	123	-	-
Registered nurses, dietitians, and therapists		-	-	-	-	-	-	-	-	-	-	124	7	5
Social scientists		14	-	-	-	-	-	-	-	-	-	15	-	-
Writers, artists, and entertainers		-	-	-	-	4	-	-	-	-	68	16	-	5
Other professional, technical, and kindred workers		-	10	12	-	34	-	43	-	-	-	430	47	62
Managers and administrators, except farm		-	-	-	-	-	7	-	12	11	8	31	5	10
Salaried		-	-	-	-	-	7	-	6	11	8	31	5	10
Self-employed		-	-	-	-	-	-	-	6	-	-	-	-	-
Sales workers		-	-	5	-	8	13	-	5	4	29	15	-	9
Clerical and kindred workers		121	170	29	12	103	169	126	66	67	254	3 849	169	394
Bookkeepers		12	-	-	-	8	44	-	3	7	25	171	16	27
Cashiers		14	-	-	-	6	12	-	10	-	5	10	-	4
Counter clerks, except food		5	-	-	-	3	5	-	9	-	23	22	-	4
File clerks		22	8	4	-	4	12	12	9	11	7	146	8	5
Office machine operators		-	20	4	-	-	4	5	-	4	4	279	31	4
Bookkeeping and billing machine operators		-	-	-	-	-	-	-	-	-	-	4	-	-
Receptionists		26	95	16	7	32	37	54	16	11	44	1 656	60	10
Secretaries		16	21	5	-	17	7	5	4	13	26	485	4	6
Stenographers		26	17	5	5	33	60	50	4	21	114	773	42	246
Other clerical and kindred workers		5	4	11	-	12	14	-	62	4	37	67	13	40
Foremen, n.e.c.		5	-	-	-	6	9	-	35	4	6	40	5	9
Operatives, except transport		135	5	3	81	143	526	294	1 080	140	116	317	366	575
Assemblers		103	5	3	36	5	50	28	49	7	6	33	8	-
Checkers, examiners, and inspectors; manufacturing		5	-	-	11	9	140	8	12	13	46	19	108	19
Packers and wrappers, except meat and produce		5	-	-	4	6	322	263	1 031	108	51	76	55	5
Other operatives, except transport		22	-	-	30	123	-	-	-	-	-	164	195	551
Transport equipment operatives		4	-	-	-	-	-	-	-	-	-	3	-	-
Laborers, except farm		6	-	-	-	-	5	5	4	27	-	31	9	27
Farm workers		-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household		18	-	9	-	3	13	4	14	-	14	86	10	14
Cleaning service workers		-	-	9	-	3	-	-	-	-	8	23	4	7
Personal service workers		-	-	-	-	-	-	-	-	-	-	5	-	-
Other service workers, including private household		18	-	-	-	-	13	-	14	-	6	58	6	7

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Finance and real estate		
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		Other retail trade	Insurance
WILMINGTON, DEL.-N.J.-MD., SMSA													
Total employed	1 933	2 349	2 485	1 730	2 972	6 207	5 771	4 263	4 399	5 250	9 744	2 320	6 353
Professional, technical, and kindred workers													
Accountants	77	11	203	186	291	439	71	15	247	47	337	126	333
Architects	14	6	22		35	59		10	60	11	29	66	152
Computer specialists													
Engineers	23		36	55	76	107	5		80		22	17	50
Chemical	23					32			38				20
Civil	9	5		6	11	5			5				6
Electrical and electronic				49	52	7	5						5
Industrial	10		26		9	3			6				5
Mechanical	4		5		4	10			31				4
Other engineers						50					22		6
Mathematical specialists						11							6
Life and physical scientists						26							
Chemists						19			10		6		
Personnel and labor relations workers	7		10	10	15	4	29		11	14	7	5	10
Social scientists			16	24	6	26			9				30
Engineers and science technicians			16	24	76	113			49		29		
Draftsmen			10		56	31			5		10		
Electrical and electronic engineering technicians					7	11							6
Industrial and mechanical engineering technicians					7	11			5		30		10
Technicians, except health, and engineering and science writers, artists, and engravers	5	5	106	89	7	36	16		6	14	9		49
Other professional, technical, and kindred workers	5		13	4	54	28	16	5	17	8	214	5	6
Managers and administrators, except farm													
Buyers, purchasing agents, and sales managers	398	195	200	93	105	811	705	658	782	648	1 325	249	1 068
Other managers and administrators	13	16	15	4	4	309	344	157	97	13	207	43	42
Salaried	385	179	185	93	101	502	361	501	685	635	1 118	206	1 026
Self-employed	385	169	164	89	91	444	339	288	420	386	754	201	985
Sales workers													
Clerical and kindred workers	5	6	5	25	23	1 076	2 647	890	628	1 053	3 709	858	700
Bookkeepers	142	272	383	765	506	1 714	1 344	1 138	426	239	1 610	1 022	3 494
Cashiers	12	61	23	24	24	217	108	41	147	148	376	47	404
Estimators and investigators, n.e.c.	5	4	121	19	16	10	382	799	15	5	242	33	35
Office machine operators	5	5	5	19	24	107	35	15	15		6	64	10
Shipping and receiving clerks	5		6	6	24	5	22	8			23		261
Stock clerks and storekeepers	14	15	6		139	114	114	114	22	5			10
Other clerical and kindred workers	106	177	239	712	422	1 098	536	156	222	34	860	865	2 384
Craftsmen and kindred workers	879	213	415	628	1 094	660	256	163	1 043	31	878	30	119
Blacksmiths, forgers, hammermen, and boiler makers	19	6	6		5				5		6		
Brickmasons and stonemasons	4	5	6		20	20	21	10	13			6	9
Carpenters	24		6										
Cranemen, derrickmen, and hoistmen	15		6										
Electricians	124		47	5	81	16			4		5		4
Excavating, grading, and road machine operators			4	35	116	114	67	35	57	5	95		35
Foremen, n.e.c.	55	45	26	11	116	317	81	16	836	9	279		19
Mechanics and repairmen	240	144	281	35	213	95	31	16	760		37		
Automobile, including body	136		53		12	30			31				
Machinists, job setters, and toolmakers	113		6		18								
Metal craftsmen, except mechanics and machinists	4		15		25			6	8		7		24
Painters, construction and maintenance, and plasterers and paperhangers	15		10		8		4	6	18		18		6
Plumbers and pipe fitters	25		5		53				18				6
Printing craftsmen							6		32	17	5		16
Stationary engineers and power station operators		19	21	572	192	115		96	39	17	425	19	
Other craftsmen and kindred workers	234		22		375								
Operatives, except transport			122		170	433	131	545	1 018	5	388		34
Assemblers	108	42			5	62	3		6		10		
Checkers, examiners, and inspectors; manufacturing													
Filers, polishers, sorters, and buffers													4
Painters, manufactured articles													4
Precision machine operatives													
Welders and flamecutters	7		9		26	18			15				10
Other specified operatives	32	17	9		78	263	110	494	913		287		6
Machine operatives, miscellaneous specified	30	9	40		11	10		34	15	5	23		6
Machine operatives, not specified	8	5	4		21	16			30		10		9
Miscellaneous operatives	20	11	19		23	43		17	4		21		5
Not specified operatives	11				6	16			8		31		

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade					Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade			
The State Standard Metropolitan Statistical Areas of 250,000 or More														
WILMINGTON, DEL.-N.J.-MD., SMSA - Continued														
Total employed - Continued														
Transport equipment operatives	205	1 412	746	-	312	659	65	95	84	34	399	-	10	
Deliverymen and routemen	190	80	14	-	320	320	53	73	35	25	236	-	5	
Truck drivers	15	1 299	13	-	89	298	9	13	4	9	131	-	5	
Other transport equipment operatives	82	33	719	-	217	41	3	5	8	-	32	-	-	
Laborers, except farm	25	178	140	6	338	301	176	338	116	9	346	-	87	
Freight, stock and material handlers	9	157	114	6	154	209	176	518	26	9	159	-	60	
Other specified laborers	39	6	16	-	98	46	-	52	32	-	88	-	15	
Miscellaneous laborers	9	15	10	-	40	20	-	20	30	9	57	-	-	
Not specified laborers	-	-	-	-	-	26	-	-	-	-	-	-	-	
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service workers, including private household	37	20	261	27	133	114	376	221	55	4 134	752	35	508	
Personal service workers	11	9	30	21	94	70	59	39	34	99	131	30	317	
Guards and watchmen	-	11	161	6	26	15	24	-	5	43	14	5	10	
Other service workers, including private household	26	-	70	-	13	29	264	182	16	3 988	597	-	88	
Female employed	79	205	741	808	391	1 599	3 877	1 903	378	3 420	4 776	945	3 651	
Professional, technical, and kindred workers	6	-	27	25	11	88	41	5	10	26	89	20	114	
Accountants	6	-	14	-	5	9	-	-	-	-	15	-	27	
Computer specialists	-	-	-	-	-	-	-	-	-	-	-	-	-	
Life and physical scientists	-	-	-	-	-	-	-	-	-	-	-	-	-	
Registered nurses, dietitians, and therapists	-	-	-	-	-	-	-	-	-	8	-	-	-	
Social scientists	-	-	-	-	-	-	-	-	-	14	27	-	4	
Writers, artists, and entertainers	-	-	-	10	-	4	10	-	10	4	47	-	28	
Other professional, technical, and kindred workers	-	-	13	15	6	32	31	5	-	-	-	-	-	
Managers and administrators, except farm	4	26	40	20	15	43	234	134	19	159	396	31	171	
Salaried	4	16	34	20	5	39	229	71	7	99	256	26	165	
Self-employed	4	10	6	-	10	4	5	63	12	60	70	5	6	
Sales workers	5	-	5	6	5	69	2 074	514	36	52	2 026	56	223	
Clerical and kindred workers	29	165	172	716	284	1 181	1 121	839	290	200	1 395	825	2 953	
Bookkeepers	-	18	35	14	20	170	61	35	111	42	335	27	451	
Cashiers	-	4	35	9	5	20	358	654	15	130	220	13	35	
Counter clerks, except food	-	10	4	9	5	26	49	16	-	-	-	-	8	
File clerks	-	13	4	6	19	33	70	16	-	4	15	53	95	
Office machine operators	-	-	-	6	5	32	35	5	-	4	22	41	106	
Bookkeeping and billing machine operators	-	-	-	6	16	5	16	-	5	-	7	-	17	
Receptionists	5	45	11	8	60	372	52	28	126	16	204	17	622	
Secretaries	5	-	54	26	59	21	271	14	12	28	31	28	31	
Stenographers	15	11	14	18	47	123	62	11	12	115	51	115	191	
Typists	4	31	36	615	127	329	388	90	21	5	510	260	1 191	
Other clerical and kindred workers	-	-	-	30	-	12	21	25	6	5	138	-	6	
Craftsmen and kindred workers	13	8	6	5	-	-	21	-	-	-	22	-	6	
Foremen, n.e.c.	6	-	-	-	-	-	-	-	-	-	-	-	-	
Operatives, except transport	6	-	9	-	-	140	94	174	4	-	212	-	14	
Assemblers	-	-	-	-	-	38	5	-	-	-	10	-	-	
Checkers, examiners, and inspectors, manufacturing	-	-	-	-	-	65	34	5	-	-	11	-	-	
Packers and wrappers, except meat and produce	6	-	4	-	-	37	55	169	4	-	191	-	14	
Other operatives, except transport	6	-	4	-	-	4	9	-	4	9	9	-	-	
Transport equipment operatives	6	6	300	-	35	4	9	-	4	9	9	-	9	
Laborers, except farm	6	-	5	-	9	34	21	55	5	-	27	-	9	
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-	
Service workers, including private household	4	-	177	11	32	48	254	157	4	2 969	564	13	161	
Personal service workers	-	-	5	11	26	19	14	15	-	36	45	13	120	
Other service workers, including private household	-	-	156	-	6	29	240	142	4	2 895	505	-	41	

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970 - Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More		WILMINGTON, DEL.-N.J.-MD., SMSA											
Total employed		Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
Accountants	5 159	2 195	959	6 751	1 251	6 421	3 343	12 098	3 646	2 744	4 822	7 500	
Architects	2 125	101	53	133	246	2 384	1 398	7 298	2 122	1 102	2 296	1 038	
Computer specialists	73	6	15	6	5	34	5	19	15	16	108	166	
Engineers	6	—	—	—	—	—	—	27	—	—	13	22	
Chemical	377	5	—	5	—	8	—	119	5	—	219	11	
Civil	132	—	—	—	—	—	—	5	—	—	20	11	
Electrical and electronic	7	—	—	—	—	—	—	4	—	—	64	11	
Industrial	38	—	—	—	—	—	—	11	—	—	25	10	
Mechanical	30	—	—	—	—	—	—	5	—	—	15	24	
Other engineers	67	5	—	—	—	—	—	15	—	—	50	50	
Other workers	103	—	—	—	—	3	—	13	—	—	90	13	
Mathematical specialists	5	—	—	—	—	—	—	—	—	—	—	—	
Life and physical scientists	321	4	—	5	6	41	4	46	—	—	100	25	
Chemists	4	—	—	—	—	4	—	5	—	—	83	14	
Personnel and labor relations workers	294	4	—	—	—	20	—	112	—	—	—	112	
Social scientists	122	—	—	—	—	40	—	30	—	—	—	18	
Engineering and science technicians	27	—	—	—	—	20	—	6	—	—	—	6	
Professionals	834	—	—	—	—	27	—	42	—	—	238	130	
Electrical and electronic technicians	33	—	—	—	—	—	—	5	—	—	146	16	
Industrial and mechanical technicians	20	—	—	—	—	—	—	3	—	—	—	43	
Technical, health, and engineering and science writers, artists, and entertainers	11	5	—	—	3	17	—	13	—	—	12	67	
Other professional, technical, and kindred workers	85	87	32	33	68	2 200	1 363	7 046	1 991	122	1 164	272	
Managers and administrators, except farm	324	120	181	263	97	127	72	585	164	270	80	815	
Buyers, purchasing agents, and sales managers	47	6	—	—	—	25	—	5	—	—	5	5	
Other managers and administrators	277	114	181	263	97	102	68	580	164	270	75	726	
Salaried	241	84	117	177	63	102	5	580	17	270	66	726	
Self-employed	36	30	64	86	15	—	—	—	—	—	9	—	
Sales workers	115	60	—	74	31	17	8	5	20	23	25	22	
Clerical and kindred workers	1 071	205	145	408	189	1 105	651	1 870	504	709	1 322	3 118	
Bookkeepers	46	36	30	27	29	31	69	43	19	69	46	98	
Cashiers	7	39	—	63	9	10	—	130	2	2	81	24	
Estimators and investigators, n.e.c.	20	—	—	5	—	4	—	2	—	—	2	61	
Office machine operators	105	—	4	—	—	—	—	22	5	11	39	116	
Shipping and receiving clerks	15	—	—	—	—	5	—	—	—	—	9	9	
Stock clerks and storekeepers	21	—	5	—	—	40	—	—	—	—	—	35	
Other clerical and kindred workers	857	130	106	309	85	1 011	582	1 658	460	617	1 233	2 755	
Craftsmen and kindred workers	524	1 189	21	136	76	187	77	180	74	82	166	550	
Blacksmiths, torgemen, hammermen, and boilermakers	5	—	—	—	5	—	—	5	—	—	6	6	
Brickmasons and stonemasons	18	9	—	—	—	12	—	12	4	18	8	6	
Carpeners	—	5	—	—	5	—	—	4	—	—	—	27	
Cranemen, derrickmen, and hoistmen	46	5	—	—	10	17	—	30	9	—	24	23	
Electricians	—	—	—	—	—	5	—	7	—	—	—	15	
Excavating, grading, and road machine operators	—	—	—	—	—	33	—	16	19	11	18	19	
Foremen, n.e.c.	122	82	16	19	4	33	5	9	—	5	5	248	
Mechanics and repairmen	118	586	—	11	31	35	5	—	—	5	5	85	
Automobile, including body	—	18	—	—	—	—	—	—	—	—	6	26	
Machinists, job setters, and toolmakers	52	—	—	—	—	—	—	—	—	—	—	—	
Metal craftsmen, except mechanics and machinists	33	—	—	—	—	17	—	30	6	—	5	—	
Painters, construction and maintenance, and plasterers and paperhangers	16	19	—	—	5	36	7	10	5	—	—	18	
Plumbers and pipe fitters	38	6	—	6	5	—	—	5	—	4	—	23	
Printing craftsmen	—	—	—	—	—	14	—	12	—	—	—	—	
Stationary engineers and power station operators	13	191	5	90	11	7	60	51	31	39	77	21	
Other craftsmen and kindred workers	63	—	—	—	—	163	40	43	10	50	88	81	
Operatives, except transport	270	199	—	670	10	163	40	43	10	50	88	81	
Assemblers	—	6	—	—	4	—	—	—	—	—	—	18	
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	
Painters, manufactured articles	—	54	—	—	—	—	—	—	—	—	—	—	
Precision machine operators	—	—	—	—	—	—	—	—	—	—	—	—	
Welders and flamecutters	32	75	—	—	—	5	—	6	—	—	—	4	
Other specified operatives	88	51	—	657	6	149	29	20	10	15	55	23	
Machine operatives, miscellaneous specified	19	8	—	—	—	—	—	6	—	—	—	25	
Machine operatives, not specified	44	—	—	—	—	6	—	—	—	—	—	—	
Miscellaneous operatives	77	—	—	—	—	3	5	17	—	17	21	—	
Not specified operatives	4	—	—	6	—	—	—	—	—	6	—	7	

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

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

Total employed—Continued

Occupation	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit organizations	Other professional and related services	Public administration
Transport equipment operatives	48	137	—	142	4	27	—	18	27	14	12	109
Deliverymen and routemen	20	31	—	56	4	5	—	9	7	—	4	66
Truck drivers	22	106	—	56	4	22	—	5	20	5	12	43
Other transport equipment operatives	6	—	—	34	—	—	—	—	—	—	—	—
Laborers, except farm	70	98	5	318	67	57	11	29	22	47	42	153
Freight, stock, and material handlers	12	12	—	4	—	39	—	—	7	—	—	62
Other specified laborers	32	74	—	264	56	10	11	21	7	23	42	58
Miscellaneous laborers	—	—	—	11	—	—	—	—	—	—	—	—
Not specified laborers	26	5	5	39	7	8	—	8	8	12	—	33
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	612	86	594	4 607	531	2 354	1 086	2 070	703	447	791	1 614
Cleaning service workers	391	4	220	50	86	363	108	1 010	272	184	48	182
Personal service workers	4	—	148	1 212	187	27	31	151	168	144	91	24
Guards and watchmen	193	5	12	10	18	30	10	—	10	119	15	132
Other service workers, including private household	24	71	214	3 340	240	1 934	937	899	253	—	637	1 276
Female employed	1 464	307	593	4 976	448	5 053	2 487	7 711	2 268	1 427	2 578	2 327
Professional, technical, and kindred workers	274	43	15	58	79	1 927	754	4 552	1 303	485	676	214
Accountants	15	—	—	—	—	18	—	9	5	—	9	68
Computer specialists	18	—	—	—	—	—	—	5	—	—	—	5
Life and physical scientists	8	—	—	—	—	19	—	6	—	—	21	—
Registered nurses, dietitians, and therapists	11	5	5	25	—	1 410	605	226	48	5	13	16
Social scientists	—	—	—	—	—	—	—	9	—	—	6	—
Writers, artists, and entertainers	17	—	—	15	48	10	—	—	15	93	57	14
Other professional, technical, and kindred workers	205	38	10	18	31	470	144	4 297	1 235	386	570	111
Managers and administrators, except farm	32	—	42	53	16	78	27	177	66	71	33	127
Salaried	32	—	24	43	16	78	27	177	54	71	33	127
Self-employed	—	—	18	10	—	—	—	—	12	—	—	—
Sales workers	25	5	—	43	13	17	8	5	11	9	12	10
Clerical and kindred workers	863	164	83	392	130	1 035	629	1 710	447	632	1 207	1 703
Bookkeepers	37	19	9	21	22	22	58	29	15	40	27	88
Cashiers	32	34	—	63	42	10	—	130	19	2	4	24
Counter clerks, except food	14	9	44	134	—	—	5	5	6	—	4	—
File clerks	27	—	4	7	—	21	—	12	18	30	14	53
Office machine operators	77	—	—	—	—	4	—	13	5	5	21	92
Bookkeeping and billing machine operators	38	5	—	22	12	121	110	15	5	—	—	46
Receptionists	238	25	15	72	15	295	356	741	185	27	30	46
Secretaries	61	5	—	—	4	19	4	10	4	360	584	377
Stenographers	148	5	—	—	5	—	—	134	44	114	32	283
Typists	148	5	—	—	5	—	—	134	44	114	36	283
Other clerical and kindred workers	201	62	11	61	34	327	43	584	150	50	435	689
Foremen, n.e.c.	—	22	5	17	4	9	14	31	17	—	11	12
Craftsman and kindred workers	—	—	5	9	4	5	—	7	—	—	—	—
Operatives, except transport	62	4	—	493	4	103	35	17	—	17	28	—
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	18	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	44	4	—	486	—	103	35	17	—	17	21	—
Transport equipment operatives	6	24	—	—	—	4	—	5	10	—	—	4
Laborers, except farm	5	—	5	9	—	30	—	8	—	—	5	5
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	197	45	443	3 911	202	1 850	1 020	1 205	414	213	606	252
Cleaning service workers	172	—	169	34	4	182	84	275	16	47	16	53
Personal service workers	4	6	107	739	70	23	31	126	148	105	86	9
Other service workers, including private household	21	39	167	3 138	128	1 645	905	805	162	61	504	190

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

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

The State	Negroes 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing		Transportation, communications, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Business and repair services	Personal services	Entertainment and recreation services	Professional and related services	Public administration
					Durable goods	Nondurable goods, including not specified manufacturing									
Total employed	270 374	2 879	249	12 643	46 184	41 372	20 276	6 350	27 298	9 391	9 559	27 585	1 198	47 095	16 275
Accountants	22 428	—	15	142	1 305	1 671	391	108	382	340	704	126	327	15 857	1 238
Engineers	270	—	—	—	57	112	20	32	37	108	25	4	—	153	143
Life and physical scientists	408	—	10	82	224	117	81	6	—	13	42	4	—	85	95
Health scientists	4 649	—	—	10	65	356	6	6	—	—	24	69	—	79	68
Social scientists	99	—	—	—	11	26	6	—	—	20	28	—	—	13	25
Engineering and science technicians	1 549	—	—	13	488	562	84	14	3	12	13	5	—	122	65
Engineering and science workers	1 552	—	—	7	109	146	25	5	4	11	8	—	6	18	87
Writers, artists, and entertainers	836	18	—	7	109	146	25	5	4	—	65	22	166	159	23
Other professional, technical, and kindred workers	13 281	—	5	26	340	326	151	45	189	165	324	20	155	10 879	656
Managers and administrators, except farm	6 172	27	—	304	240	251	287	187	1 728	557	262	395	48	1 075	789
Buyers, purchasing agents, and sales managers	5 450	—	—	307	30	34	287	24	314	527	252	389	48	1 061	56
Other managers and administrators	4 888	—	—	177	230	217	26	140	1 414	502	213	238	45	1 054	733
Salaried	4 888	—	—	177	230	217	26	140	1 414	502	213	238	45	1 054	733
Self-employed	762	—	—	125	—	—	26	23	350	25	39	151	3	7	—
Sales workers	7 214	—	—	8	95	492	81	458	5 008	868	79	43	5	47	30
Clerical and kindred workers	42 512	60	11	349	4 258	3 680	5 155	1 733	4 776	5 668	1 542	754	132	6 664	7 917
Bookkeepers	2 703	13	—	30	96	186	20	126	430	440	109	60	—	194	208
Cashiers and receptionists	2 296	—	—	—	408	92	306	49	1 617	44	44	89	26	400	105
Office machine operators	2 787	—	5	—	408	384	292	174	1 513	595	325	15	—	201	253
Secretaries, stenographers, and typists	3 787	23	6	97	904	687	595	282	414	1 458	373	66	25	2 645	1 241
Shipping and stock clerks	3 792	—	—	28	843	904	242	544	708	42	62	40	—	2 135	174
Other clerical and kindred workers	22 314	24	—	198	1 603	1 536	3 530	608	1 534	3 071	629	484	72	3 089	5 936
Craftsman and kindred workers	24 845	63	48	5 490	5 902	3 950	2 144	661	2 250	308	2 244	368	23	683	811
Blacksmiths, forgers, hammermen, and boiler makers	1 097	—	—	780	113	28	—	3	30	43	31	6	—	45	25
Carpenters	4 148	14	—	2 004	503	151	165	57	107	68	76	26	—	69	112
Construction craftsmen, except carpenters	3 549	—	18	—	301	23	65	87	—	3	—	8	—	—	—
Croftmen, draymen, and hoistmen	3 393	10	—	260	961	1 037	241	187	242	28	65	76	9	155	113
Furniture, wood, and metal workers	3 125	14	10	151	904	595	626	282	1 286	57	229	25	—	100	100
Millwrights and related occupations	3 125	14	10	151	904	595	626	282	1 286	57	229	25	—	100	100
Metal workers, including body mechanics, job setters, and toolmakers	1 356	—	—	42	142	38	333	71	105	—	19	12	—	33	113
Metal craftsmen, except mechanics and machinists	1 648	—	—	19	977	278	44	9	15	—	—	—	—	5	—
Metal workers, except mechanics and machinists	932	—	—	9	566	44	8	6	—	—	37	—	—	34	17
Printing craftsmen	6 884	21	20	1 394	1 437	1 048	995	163	570	96	340	227	14	275	284
Other craftsmen and kindred workers	66 379	77	89	435	28 910	25 057	742	1 840	2 432	108	864	4 534	32	961	278
Operatives, except transport	6 588	5	—	3	5 535	853	28	39	26	4	37	13	—	30	15
Assemblers, packers, and inspectors; manufacturing	3 994	—	—	—	2 837	1 157	16	—	—	—	—	—	—	—	—
Cheers, trimmers, and inspectors; manufacturing	1 118	—	—	—	874	98	16	21	4	5	—	—	—	—	—
Machine operatives	1 554	—	—	110	1 122	67	73	86	12	—	60	—	—	17	7
Welders and linemen	53 125	—	—	322	18 442	22 882	645	1 694	2 390	99	767	4 521	32	914	256
Other operatives, except transport	16 921	82	66	872	1 993	2 119	6 320	1 974	1 758	57	478	384	5	229	583
Transport equipment operatives	2 457	—	—	13	1 718	307	309	579	64	7	64	113	—	21	16
Deliverymen and route men	6 273	—	—	691	651	897	3 722	979	150	15	150	74	5	61	345
Truck drivers	6 391	—	—	168	1 164	915	2 289	416	532	35	264	197	—	147	222
Other transport equipment operatives	20 378	362	28	4 822	2 312	2 461	4 157	1 200	1 979	201	675	679	125	265	1 111
Freight, stock, and material handlers	7 476	20	8	84	2 911	1 032	2 628	691	1 099	24	59	112	—	73	735
Farm workers	2 134	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household	45 639	51	11	219	1 845	1 682	979	189	6 985	1 284	2 711	4 850	591	21 314	3 518
Cleaning service workers	12 430	20	6	126	845	1 017	444	125	228	869	1 580	1 323	395	1 317	583
Food service workers	7 788	11	5	6	37	177	151	23	4	23	51	156	25	2 497	112
Personal service workers	4 101	—	—	11	42	46	145	144	144	128	31	1 936	123	2 272	205
Guards and watchmen	1 648	—	—	32	143	75	73	21	126	83	342	19	13	1 178	538
Other service workers, except private household workers	19 672	15	—	44	278	367	166	20	1 483	181	714	1 133	111	13 050	2 110
Private household workers	15 452	—	—	—	—	—	—	—	—	—	—	15 452	—	—	—

Table 182. Occupation of Employed Persons of Puerto Rican Birth or Parentage by Major Industry: 1970

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

Persons of Puerto Rican birth or parentage, 16 years and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing		Transportation, communications, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Business and repair services	Personal services	Entertainment and recreation services	Professional and related services	Public administration
				Durable goods	Nondurable goods, including not specified manufacturing									
Total employed	855	22	1 412	10 821	12 381	1 671	1 257	4 775	1 160	1 130	1 341	165	2 546	903
Professional, technical, and kindred workers														
Accountants														
Engineers														
Life and physical scientists														
Health workers														
Social scientists														
Engineering and science technicians														
Technicians, except health, and engineering and science														
Writers, artists, and entertainers														
Other professional, technical, and kindred workers														
Managers and administrators, except farm														
Buyers, purchasing agents, and sales managers														
Other managers and administrators														
Salaries														
Self-employed														
Sales workers														
Clerical and kindred workers														
Bookkeepers														
Cashiers and receptionists														
Office machine operators														
Secretaries, stenographers, and typists														
Shipping and stock clerks														
Other clerical and kindred workers														
Craftsmen and kindred workers														
Blacksmiths, forgers, hammermen, and boilermakers														
Carpenters														
Construction craftsmen, except carpenters														
Cronmen, derrickmen, and hoistmen														
Farmen, n.e.c.														
Mechanics and repairmen														
Automobile, including body														
Machinists, job setters, and toolmakers														
Metal craftsmen, except mechanics and machinists														
Printing craftsmen														
Other craftsmen and kindred workers														
Operatives, except transport														
Assemblers														
Checkers, examiners, and inspectors; manufacturing														
Precision machine operatives														
Welders and flamecutters														
Other operatives, except transport														
Transport equipment operatives														
Deliverymen and roulemen														
Truck drivers														
Other transport equipment operatives														
Laborers, except farm														
Freight, stock, and material handlers														
Farm workers														
Service workers, except private household														
Cleaning service workers														
Food service workers														
Personal service workers														
Guards and watchmen														
Other service workers, except private household workers														
Private household workers														

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

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

The State	1970						1960					
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed			
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
Total	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		
Agriculture, forestry, and fisheries	22 587	4 697	19 871	3 440	18 907	3 315	30 981	4 733	29 738	4 507		
Agricultural production	12 202	2 058	12 575	2 123	12 166	2 036	12 758	4 338	26 720	4 135		
Agricultural services, except horticultural	1 341	850	1 386	864	1 328	842	964	240	928	228		
Horticultural services	4 725	355	4 850	359	4 403	343	959	62	923	59		
Forestry	205	10	205	10	205	10	147	24	147	24		
Fisheries	842	84	855	84	805	84	1 157	69	1 020	61		
Agriculture, forestry, and fisheries—allocated	3 272	1 340	...	...	...	...	...	...	...	...
Mining	3 851	646	3 732	624	3 622	599	3 443	338	3 223	321		
Metal mining	470	104	470	104	463	99	919	85	820	85		
Coal mining	100	21	100	21	94	21	163	23	143	19		
Crude petroleum and natural gas extractions	1 236	302	1 236	302	1 214	287	342	60	328	60		
Nonmetallic mining and quarrying, except fuel	1 926	190	1 926	197	1 851	192	2 019	170	1 932	157		
Mining—allocated	119	29	...	...	...	...	...	...	...	...
Construction	155 363	9 311	142 585	8 686	133 143	8 151	137 321	4 815	125 220	4 577		
General building contractors	32 584	2 025	32 645	2 030	30 355	1 905	30 065	746	27 416	709		
General contractors, except building	25 439	1 429	25 457	1 429	23 785	1 304	24 148	817	22 020	777		
Special trade contractors	70 132	3 971	70 208	3 981	65 950	3 770	53 845	1 671	49 100	1 588		
Not specified construction	14 262	1 236	14 275	1 246	13 053	1 172	29 263	1 581	26 684	1 503		
Construction—allocated	12 946	650	...	...	...	...	...	...	...	...
Manufacturing	640 242	317 410	604 025	292 824	588 220	269 297	627 029	264 461	605 300	240 282		
Durable goods	347 478	134 296	325 825	124 533	316 977	115 657	344 704	112 458	332 928	103 397		
Lumber and wood products, except furniture	3 577	833	3 589	833	3 481	754	5 148	952	4 851	882		
Logging	10	34	170	34	155	34	34	27	295	27		
Sawmills, planing mills, and millwork	1 826	302	1 835	302	1 773	274	2 188	255	2 066	219		
Miscellaneous wood products	1 581	497	1 584	497	1 553	446	2 639	670	2 490	636		
Furniture and fixtures	7 436	2 077	7 445	2 083	7 286	1 961	7 739	1 972	7 328	1 778		
Stone, clay, and glass products	26 308	10 088	26 330	10 103	25 651	9 625	24 967	8 733	24 196	8 213		
Glass and glass products	11 658	6 483	11 674	6 493	11 396	6 221	8 203	5 165	8 508	4 800		
Cement, concrete, gypsum, and plaster products	4 962	563	4 968	563	4 817	512	4 286	460	4 078	392		
Structural clay products	957	358	957	358	886	342	1 812	580	1 732	550		
Pottery and related products	2 222	1 427	2 222	1 427	2 179	1 330	2 979	1 264	2 880	1 225		
Miscellaneous nonmetallic mineral and stone products	6 509	1 257	6 509	1 262	6 373	1 220	7 187	1 323	6 998	1 246		
Metal industries	73 693	16 309	73 734	16 325	71 786	15 291	74 011	13 730	71 044	12 700		
Primary metal industries	29 412	4 443	29 435	4 448	28 716	4 192	36 860	4 130	35 456	3 849		
Blast furnaces, steelworks, rolling and finishing mills	6 065	648	6 065	648	5 944	597	8 088	615	7 648	599		
Other primary iron and steel industries	7 214	723	7 214	723	6 955	681	8 351	645	7 994	607		
Primary aluminum industries	2 021	331	2 021	331	1 922	321	5 510	113	5 347	104		
Other primary nonferrous industries	14 112	2 741	14 135	2 746	13 895	2 593	14 911	2 757	14 467	2 539		
Fabricated metal industries	44 281	11 866	44 299	11 877	43 070	11 099	37 151	9 609	35 588	8 851		
Cutlery, handtools, and other hardware	3 620	2 062	3 620	2 067	3 429	1 915	5 473	3 019	5 299	2 808		
Fabricated structural metal products	12 071	1 704	12 078	1 710	11 718	1 583	12 377	1 223	11 777	1 069		
Screw-machine products	2 188	647	2 188	647	2 133	621	1 954	447	1 875	414		
Metal stamping	3 746	1 507	3 746	1 507	3 635	1 406	3 753	1 823	3 601	1 692		
Miscellaneous fabricated metal products	18 189	5 064	18 198	5 064	17 780	4 745	13 432	3 051	12 885	2 831		
Not specified metal industries	4 467	882	4 469	882	4 375	829	1 162	37	1 151	37		
Machinery, except electrical	61 092	13 684	61 133	13 694	59 941	12 860	56 438	9 926	54 781	9 224		
Engines and turbines	1 696	234	1 696	239	1 677	259	2 959	619	2 872	573		
Form machinery and equipment	317	58	317	58	306	69	349	62	320	62		
Construction and material-handling machines	5 164	705	5 169	705	5 125	689	7 218	895	7 007	828		
Metalworking machinery	7 804	1 608	7 821	1 608	7 662	1 484	8 157	963	7 919	891		
Office and accounting machines	5 246	1 944	5 246	1 944	5 147	1 841	4 214	1 443	4 092	1 368		
Electronic computing equipment	4 025	1 314	4 025	1 314	3 958	1 228	5 560	95	544	90		
Machinery, except electrical, n.e.c.	34 183	6 998	34 202	7 003	33 493	6 602	22 759	4 404	22 094	4 075		
Not specified machinery	2 657	823	2 657	823	2 573	719	10 231	1 445	9 933	1 337		
Electrical machinery, equipment, and supplies	81 636	51 216	81 676	51 251	79 660	47 982	82 247	48 432	80 425	44 369		
Household appliances	4 424	1 727	4 424	1 727	4 371	1 603	11 832	3 475	11 570	3 184		
Radio, television, and communication equipment	30 440	15 169	30 457	15 169	29 745	14 222	22 160	12 332	21 669	11 298		
Electrical machinery, equipment, and supplies, n.e.c.	34 055	27 011	34 067	27 031	33 185	25 351	36 165	27 636	35 364	25 317		
Not specified electrical machinery, equipment, and supplies	12 717	7 309	12 728	7 324	12 359	6 806	12 090	4 989	11 822	4 570		
Transportation equipment	35 315	5 586	35 326	5 592	33 530	4 887	51 456	6 343	48 974	5 915		
Motor vehicles and motor vehicle equipment	16 809	2 829	16 809	2 829	16 007	2 477	15 735	1 641	14 899	1 545		
Aircraft and parts	10 524	2 083	10 524	2 089	9 872	1 840	19 523	4 053	18 698	3 754		
Ship and boat building and repairing	7 005	527	7 016	527	6 732	449	15 398	579	14 619	546		
Railroad locomotives and equipment	630	93	630	93	581	83	478	40	454	40		
Mobile dwellings and campers	115	26	115	26	106	21	219	15	207	15		
Cycles and miscellaneous transportation equipment	232	28	232	28	232	17	103	15	97	15		
Professional and photographic equipment, and watches	13 498	7 907	13 508	7 933	13 283	7 568	15 899	7 241	15 638	6 845		
Scientific and controlling instruments	3 330	1 414	3 340	1 427	3 276	1 348	5 551	2 071	5 452	1 959		
Optical and health services supplies	6 216	4 854	6 216	4 862	6 121	4 685	3 582	2 630	3 518	2 489		
Photographic equipment and supplies	3 423	1 204	3 423	1 209	3 365	1 119	2 187	770	2 172	726		
Watches, clocks, and clockwork-operated devices	319	344	319	344	311	325	341	147	334	135		
Not specified professional equipment	210	91	210	91	210	91	4 238	1 623	4 162	1 536		
Ordnance	5 501	2 159	5 507	2 159	5 437	1 920	10 237	2 251	9 840	2 090		
Miscellaneous manufacturing industries	17 537	14 522	17 577	14 560	16 922	12 809	16 562	12 878	15 851	11 381		
Manufacturing, durable goods—allocated	21 885	9 915	...	...	...	...	...	...	...	...
Nondurable goods	285 950	179 851	271 353	165 028	264 626	150 627	280 088	150 509	270 297	135 552		
Food and kindred products	39 724	13 327	39 790	13 327	38 591	12 223	56 827	16 327	54 757	14 432		
Meat products	2 611	923	2 626	927	2 529	889	4 437	1 076	4 278	852		
Dairy products	4 550	540	4 565	540	4 423	483	10 350	1 956	10 152	997		
Canning and preserving fruits, vegetables, and seafoods	5 125	2 942	5 133	2 948	4 806	2 420	6 512	3 821	5 920	2 853		
Grain-mill products	979	306	983	306	951	267	1 244	212	1 194	192		
Bakery products	7 562	2 962	7 576	2 967	7 365	2 751	13 678	4 808	13 208	4 457		
Confectionery and related products	2 277	1 588	2 277	1 594	2 240	1 520	2 146	1 832	2 055	1 670		
Beverage industries	8 315	1 065	8 319	1 065	8 159	1 002	10 921	1 202	10 598	1 147		
Miscellaneous food preparation and kindred products	5 553	1 836	5 559	1 836	5 461	1 785	6 662	2 108	6 503	1 994		
Not specified food industries	2 752	1 165	2 752	1 169	2 657	1 106	877	312	849	270		
Textile mill products	655	177	655	177	626	157	914	1 251	873	1 170		
Knitting mills	18 244	10 758	18 250	10 783	17 578	9 659	22 842	13 330	21 671	11 644		
Dyeing and finishing textiles, except wool and knit goods	2 723	3 918	2 729	3 918	2 618	3 362	2 545	4 673	2 424	4 102		
Floor coverings, except hard surface	4 498	840	4 498	840	4 383	798	7 895	1 260	7 490	1 138		
Yarn, thread, and fabric mills	729	348	7									

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

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

The State

	1970						1960			
	Experienced civilian labor force		Employed				Experienced civilian labor force		Employed	
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Manufacturing—Continued										
Nondurable goods—Continued										
Paper and allied products.....	20 970	7 448	20 983	7 448	20 497	7 002	20 168	6 423	19 470	5 999
Pulp, paper, and paperboard mills.....	7 642	1 511	7 642	1 511	7 496	1 418	7 348	1 082	7 095	1 021
Miscellaneous paper and pulp products.....	4 822	2 420	4 835	2 420	4 729	2 286	4 263	1 826	4 132	1 711
Paperboard containers and boxes.....	8 506	3 517	8 506	3 517	8 272	3 298	8 557	3 515	8 243	3 267
Printing, publishing, and allied industries.....	39 662	22 891	44 306	23 002	43 493	22 064	39 279	14 184	38 444	13 610
Newspaper publishing and printing.....	11 064	5 306	15 522	5 396	15 291	5 199	13 489	2 516	13 218	2 426
Printing, publishing, and allied industries, except newspapers.....	28 598	17 585	28 784	17 606	28 202	16 865	25 790	11 668	25 226	11 184
Chemicals and allied products.....	88 992	33 635	89 018	33 650	87 727	32 219	74 559	21 247	73 141	19 943
Industrial chemicals.....	20 227	2 821	20 227	2 821	20 039	2 726	8 465	925	8 292	854
Plastics, synthetics and resins, except fibers.....	6 138	1 037	6 148	1 042	6 063	1 005	3 386	1 093	3 317	1 009
Synthetic fibers.....	230	53	230	53	224	53	173	50	164	45
Drugs and medicines.....	18 157	12 621	18 161	12 631	17 994	12 324	11 887	6 949	11 749	6 499
Soaps and cosmetics.....	11 398	9 272	11 404	9 272	11 120	8 641	5 815	5 131	5 696	4 738
Paints, varnishes, and related products.....	5 414	1 247	5 414	1 247	5 308	1 191	7 365	1 043	7 220	1 007
Agricultural chemicals.....	2 035	474	2 035	474	2 007	459	4 270	252	4 182	233
Miscellaneous chemicals.....	5 970	1 808	5 976	1 808	5 871	1 682	5 300	673	5 192	621
Not specified chemicals and allied products.....	19 423	4 302	19 423	4 302	19 101	4 138	27 898	5 131	27 329	4 737
Petroleum and coal products.....	12 968	2 233	12 973	2 233	12 853	2 195	18 103	2 436	17 697	2 393
Petroleum refining.....	11 722	2 013	11 727	2 013	11 640	1 980	15 565	1 975	15 262	1 952
Miscellaneous petroleum and coal products.....	1 246	220	1 246	220	1 213	215	2 538	461	2 435	441
Rubber and miscellaneous plastic products.....	22 487	9 927	22 508	9 933	22 066	9 293	19 467	6 356	18 619	5 648
Rubber products.....	8 139	2 255	8 142	2 255	7 991	2 165	10 916	2 954	10 470	2 697
Miscellaneous plastic products.....	14 348	7 672	14 366	7 678	14 075	7 128	8 551	3 402	8 149	2 951
Leather and leather products.....	4 241	4 792	4 241	4 792	4 065	4 228	5 869	5 708	5 526	4 951
Tanned, curried, and finished leather.....	1 093	327	1 093	327	1 051	279	1 799	502	1 692	437
Footwear, except rubber.....	999	727	999	727	948	669	1 332	1 098	1 233	965
Leather products, except footwear.....	2 149	3 738	2 149	3 738	2 066	3 280	2 738	4 108	2 601	3 549
Manufacturing, nondurable goods—allocated.....	19 401	15 065	....	....	....	....	....	....	....	....
Not specified manufacturing industries.....	6 814	3 263	6 847	3 263	6 617	3 013	2 237	1 494	2 075	1 333
Transportation, communications, and other public utilities										
Transportation.....	171 680	47 686	160 880	44 819	157 547	43 642	146 969	30 787	143 058	29 836
Railroads and railway express service.....	102 946	18 272	103 072	18 299	100 262	17 729	99 041	8 164	95 576	7 813
Street railways and bus lines.....	13 555	1 064	13 589	1 072	13 417	1 062	24 293	1 441	23 594	1 395
Taxicab service.....	3 309	438	3 309	438	3 199	410	11 771	1 385	11 607	1 343
Trucking service.....	44 197	4 946	44 233	4 960	42 781	4 714	34 944	2 240	33 509	2 110
Warehousing and storage.....	4 868	1 085	4 880	1 085	4 769	1 034	3 769	533	3 598	513
Water transportation.....	10 979	843	10 985	843	10 453	814	11 991	689	11 331	665
Air transportation.....	8 906	3 177	8 916	3 177	8 755	3 121	4 457	795	4 363	760
Pipelines, except natural gas.....	100	12	100	12	100	9	119	24	115	20
Services incidental to transportation.....	4 546	2 301	4 565	2 306	4 535	2 260	3 912	749	3 845	712
Communications.....	26 255	22 232	26 274	22 297	26 059	21 771	18 785	19 407	18 662	18 841
Radio broadcasting and television.....	3 265	839	3 265	839	3 216	792	1 840	427	1 808	420
Telephone (wire and radio).....	21 114	20 766	21 129	20 831	20 984	20 352	15 691	18 380	15 643	17 837
Telegraph and miscellaneous communication services.....	1 876	627	1 880	627	1 859	627	1 254	600	1 211	584
Utilities and sanitary services.....	31 499	4 223	31 534	4 223	31 226	4 142	29 143	3 216	28 820	3 182
Electric light and power.....	7 893	1 068	7 893	1 068	7 838	1 048	13 384	1 618	13 317	1 604
Electric-gas utilities.....	11 170	1 771	11 184	1 771	11 145	1 731	5 478	651	5 450	646
Gas and steam supply systems.....	2 742	462	2 742	462	2 731	450	2 378	478	2 305	463
Water supply.....	3 323	513	3 323	513	3 305	508	2 896	331	2 876	331
Sanitary services.....	6 214	393	6 235	393	6 056	389	4 964	127	4 833	127
Other and not specified utilities.....	157	16	157	16	151	16	43	11	39	11
Transportation, communications, and other public utilities—allocated.....	10 980	2 959	....	....	....	....	....	....	....	....
Wholesale and retail trade										
Wholesale trade.....	337 384	231 461	320 308	214 116	311 320	204 708	268 688	143 083	259 950	135 301
Motor vehicles and equipment.....	89 829	31 367	85 146	29 439	83 342	28 190	65 370	15 543	63 855	14 767
Drugs, chemicals, and allied products.....	7 064	1 905	7 078	1 910	6 955	1 887	3 635	700	3 532	680
Dry goods and apparel.....	4 563	2 635	4 568	2 635	4 490	2 569	4 094	1 731	4 031	1 713
Food and related products.....	3 267	2 161	3 283	2 167	3 201	2 047	2 535	975	2 489	912
Farm products—raw materials.....	17 374	4 815	17 420	4 835	16 938	4 549	11 386	2 457	11 096	2 263
Electrical goods.....	509	197	509	197	500	183	811	151	790	131
Hardware, plumbing, and heating supplies.....	4 722	1 812	4 722	1 834	4 634	1 764	3 344	1 016	3 270	965
Not specified electrical and hardware products.....	3 097	1 023	3 097	1 028	3 013	995	2 566	790	2 510	750
Machinery, equipment, and supplies.....	152	34	152	34	152	28	492	113	482	107
Metals and minerals, n.e.c.....	12 081	4 176	12 111	4 184	11 935	4 059	7 363	1 470	7 250	1 415
Wholesale trade—allocated.....	3 637	955	3 642	967	3 575	921	1 990	510	1 938	486
Petroleum products.....	4 448	741	4 454	748	4 390	727	5 442	759	5 321	725
Scrap and waste materials.....	2 518	238	2 532	238	2 468	234	3 269	161	3 184	154
Alcoholic beverages.....	3 499	665	3 499	665	3 422	639	2 700	617	2 630	589
Paper and its products.....	2 367	742	2 367	742	2 331	694	2 103	510	2 049	486
Lumber and construction materials.....	3 289	752	3 296	752	3 204	725	3 866	590	3 765	563
Wholesalers, n.e.c.....	9 764	5 230	9 790	5 247	9 551	4 940	6 055	1 931	5 898	1 842
Not specified wholesale trade.....	2 626	1 234	2 626	1 256	2 583	1 227	3 719	1 062	3 620	986
Wholesale trade—allocated.....	4 852	2 052	....	....	....	....	....	....	....	....
Retail trade.....	247 555	200 094	235 362	184 677	227 978	176 518	203 318	127 540	196 095	120 534
Lumber and building material retailing.....	8 260	1 780	8 283	1 780	8 067	1 718	10 182	1 788	9 869	1 709
Hardware and farm equipment stores.....	3 967	986	3 140	986	3 083	948	3 663	883	3 569	859
General merchandise stores.....	25 802	53 119	26 243	53 296	25 284	50 982	18 422	37 860	17 487	35 478
Department and mail-order establishments.....	17 843	38 877	17 923	38 944	17 238	37 275	11 341	22 376	10 771	21 013
Limited-price variety stores.....	2 619	7 176	2 709	7 238	2 604	6 986	2 687	9 751	2 536	9 080
Vending machine operators.....	1 426	508	1 438	514	1 404	490	581	83	552	78
Direct-selling establishments.....	1 344	2 129	1 548	2 142	1 505	1 989	1 187	2 344	1 134	2 203
Miscellaneous general merchandise stores.....	2 570	4 429	2 625	4 458	2 533	4 242	2 626	3 306	2 494	3 104
Food stores.....	47 195	30 459	47 876	30 928	46 532	29 874	45 092	20 560	43 849	19 614
Grocery stores.....	36 869	23 007	37 305	23 220	36 245	22 451	37 942	17 627	36 896	16 816
Dairy products stores.....	1 533	774	1 592	796	1 534	762	1 032	435	1 004	415
Retail bakeries.....	3 862	4 558	3 948	4 745	3 841	4 594	1 057	871	1 028	831
Food stores, n.e.c.....	4 931	2 120	5 031	2 167	4 912	2 067	5 061	1 627	4 921	1 552
Motor vehicle dealers.....	18 450	3 304	18 520	3 313	18 096	3 188	15 334	1 931	14 862	1 860
Tire, battery, and accessory dealers.....	4 416	954	4 435	954	4 302	918	3 181	688	3 084	663
Gasoline service stations.....	19 955	1 020	20 149	1 032	19 597	992	15 136	475	14 686	438

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

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

The State

	1970						1960					
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed			
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
Wholesale and retail trade—Continued												
Retail trade—Continued												
Miscellaneous vehicle dealers.....	1 047	244	1 059	244	1 040	234	1 028	172	996	166		
Apparel and accessories stores, except shoe stores.....	8 824	18 664	8 908	18 792	8 577	18 040	8 353	15 494	8 073	14 627		
Shoe stores.....	3 559	1 720	3 614	1 758	3 564	1 727	2 957	1 041	2 896	974		
Furniture and home furnishings stores.....	9 178	3 672	9 204	3 683	8 993	3 517	7 671	2 668	7 495	2 563		
Household appliances, television, and radio stores.....	5 536	2 012	5 549	2 029	5 395	1 917	4 439	1 245	4 319	1 188		
Eating and drinking places.....	40 100	40 972	41 407	41 470	39 325	39 977	35 607	28 972	33 597	27 223		
Drugstores.....	6 746	5 576	6 871	5 631	6 748	5 390	6 592	3 297	6 435	3 178		
Liquor stores.....	4 223	1 010	4 243	1 010	4 215	1 000	3 235	634	3 148	626		
Farm and garden supply stores.....	1 272	301	1 287	301	1 260	289	2 090	256	2 031	245		
Jewelry stores.....	1 957	1 501	1 961	1 501	1 916	1 430	1 758	1 013	1 734	979		
Fuel and ice dealers.....	4 856	1 260	4 860	1 260	4 772	1 245	5 978	1 034	5 746	1 002		
Retail florists.....	1 868	1 544	1 933	1 583	1 885	1 547	2 029	987	1 974	955		
Miscellaneous retail stores.....	11 241	9 580	11 488	9 687	11 220	9 266	8 339	4 805	8 103	4 592		
Not specified retail trade.....	4 091	3 420	4 132	3 439	4 107	3 219	2 232	1 737	2 142	1 595		
Retail trade—allocated.....	15 912	16 996	...	...	...	...	...	...	...	...
Finance, insurance, and real estate.....	93 534	82 779	88 645	77 535	87 513	76 121	68 803	54 294	68 015	53 069		
Banking.....	19 823	26 434	19 836	26 470	19 656	26 048	11 802	14 659	11 694	14 386		
Credit agencies.....	3 788	4 075	3 788	4 075	3 722	3 957	6 020	4 818	5 964	4 729		
Security, commodity brokerage, and investment companies.....	13 427	5 180	13 438	5 192	13 217	5 013	6 706	2 472	6 631	2 402		
Insurance.....	33 907	30 998	33 946	31 051	33 686	30 603	30 029	24 846	29 747	24 240		
Real estate, including real estate—insurance-law offices.....	17 551	10 726	17 637	10 747	17 232	10 500	14 246	7 499	13 979	7 312		
Finance, insurance, and real estate—allocated.....	5 038	5 366	...	...	...	...	...	...	...	...
Business and repair services.....	81 197	33 952	76 228	31 281	74 256	29 566	54 135	16 273	52 558	15 459		
Business services.....	44 701	27 382	44 817	27 420	43 571	25 874	28 372	14 479	27 612	13 750		
Advertising.....	4 732	2 560	4 743	2 565	4 662	2 467	3 859	2 082	3 726	1 972		
Services to dwellings and other buildings.....	5 146	1 865	5 206	1 869	5 033	1 808	5 063	986	4 934	936		
Commercial research, development, and testing labs.....	4 424	1 742	4 440	1 742	4 345	1 721	4 867	1 514	4 743	1 438		
Employment and temporary help agencies.....	1 864	3 757	1 876	3 752	1 734	3 311	1 549	1 725	535	1 638		
Business management and consulting services.....	4 630	3 222	4 635	3 222	4 511	3 096	2 080	1 267	2 027	1 204		
Computer programming services.....	3 929	1 893	3 935	1 893	3 844	1 801	1 157	—	153	—		
Detective and protective services.....	4 401	505	4 401	505	4 216	477	1 884	176	1 836	167		
Business services, n.e.c.....	15 575	11 838	15 581	11 862	15 226	11 193	9 913	6 729	9 658	6 395		
Repair services.....	31 147	3 849	31 411	3 861	30 685	3 692	25 763	1 794	24 946	1 709		
Automobile services, except repair.....	4 065	971	4 260	975	4 047	933	2 514	313	2 420	298		
Automobile repair and related services.....	13 414	638	13 443	638	13 181	605	12 296	427	11 836	406		
Electrical repair shops.....	5 541	821	5 562	821	5 465	801	4 912	569	4 795	543		
Miscellaneous repair services.....	8 127	1 419	8 146	1 427	7 992	1 353	6 041	485	5 895	462		
Business and repair services—allocated.....	5 349	2 721	...	...	...	...	...	...	...	...
Personal services.....	36 032	64 739	33 186	58 317	31 867	55 864	38 392	70 768	36 914	67 371		
Private households.....	2 307	22 287	2 676	24 056	2 497	23 375	4 685	40 756	4 409	39 188		
Hotels and motels.....	6 685	6 490	6 746	6 560	6 144	5 931	7 218	6 033	6 439	5 429		
Lodging places, except hotels and motels.....	809	1 241	848	1 385	767	1 279	999	1 301	925	1 177		
Laundering, cleaning, and other garment services.....	9 424	11 131	9 520	11 270	9 223	10 661	12 326	12 873	11 950	12 011		
Beauty shops.....	3 220	12 054	3 230	12 083	3 201	11 795	1 352	7 588	1 341	7 464		
Barber shops.....	5 589	249	5 600	253	5 553	239	6 736	53	6 679	52		
Shoe repair shops.....	880	71	880	71	868	68	1 879	56	1 833	51		
Dressmaking shops.....	215	746	215	746	210	724	3 119	1 730	1 738	950		
Miscellaneous personal services.....	3 457	1 887	3 471	1 893	3 404	1 792	3 78	1 130	3 060	1 049		
Personal services—allocated.....	3 446	8 583	...	...	...	...	...	...	...	...
Entertainment and recreation services.....	13 890	6 834	13 112	6 273	11 847	5 812	12 842	4 924	11 622	4 448		
Theaters and motion pictures.....	4 670	2 278	4 725	2 319	4 415	2 162	4 591	2 027	4 196	1 832		
Bowling alleys, and billiard and pool parlors.....	1 133	575	1 167	575	1 125	564	1 771	395	1 652	375		
Miscellaneous entertainment and recreation services.....	6 868	3 317	7 220	3 379	6 307	3 086	6 480	2 502	5 774	2 241		
Entertainment and recreation services—allocated.....	1 219	664	...	...	...	...	...	...	...	...
Professional and related services.....	175 253	282 924	165 443	263 144	163 362	258 569	104 135	144 649	102 795	142 336		
Health services.....	37 239	97 906	37 350	98 212	36 900	96 211	27 987	56 055	27 489	54 809		
Offices of physicians.....	7 542	10 732	7 546	10 754	7 522	10 497	6 389	7 035	6 349	6 859		
Offices of dentists.....	3 906	5 512	3 911	5 559	3 911	5 437	3 213	2 501	3 194	2 437		
Offices of chiropractors.....	312	87	312	87	312	87	726	241	721	235		
Hospitals.....	18 897	62 600	18 965	62 721	18 688	61 699	13 564	36 606	13 157	35 849		
Convalescent institutions.....	2 315	12 235	2 344	12 343	2 252	11 976	1 439	5 170	1 430	5 039		
Offices of health practitioners, n.e.c.....	1 006	697	1 006	697	1 002	667	892	390	886	380		
Health services, n.e.c.....	3 261	6 043	3 266	6 051	3 213	5 848	1 764	4 112	1 752	4 010		
Legal services.....	9 141	9 826	9 158	9 843	9 144	9 666	6 968	6 301	6 924	6 223		
Educational services.....	72 207	125 057	72 520	125 401	71 775	123 732	36 106	64 595	35 782	64 068		
Elementary and secondary schools.....	49 568	102 537	49 794	102 729	49 374	101 492	20 719	50 223	20 545	49 824		
Government.....	41 293	79 686	41 455	79 798	41 118	78 820	18 095	40 874	17 951	40 570		
Private.....	8 275	22 851	8 339	22 931	8 256	22 672	2 624	9 349	2 594	9 254		
Colleges and universities.....	19 290	15 286	19 311	15 301	19 075	14 996	12 982	8 814	12 857	8 737		
Government.....	8 568	7 394	8 568	7 394	8 487	7 255	6 623	4 481	6 570	4 447		
Private.....	10 722	7 892	10 743	7 907	10 588	7 741	6 359	4 333	6 287	4 290		
Libraries.....	926	4 034	986	4 144	970	4 084	391	1 858	387	1 843		
Educational services, n.e.c.....	2 405	3 159	2 411	3 186	2 338	3 125	1 512	2 986	1 496	2 956		
Not specified educational services.....	18	41	18	41	18	35	502	714	497	708		
Museums, art galleries, and zoos.....	371	439	371	443	365	434	378	138	374	137		
Religious organizations.....	7 912	5 166	8 067	5 183	7 997	5 129	8 018	4 770	7 957	4 655		
Welfare services.....	3 736	8 285	3 800	8 307	3 674	8 073	2 001	3 476	1 983	3 419		
Residential welfare facilities.....	229	577	229	577	225	571	514	1 636	510	1 594		
Nonprofit membership organizations.....	6 464	5 133	6 507	5 168	6 271	5 003	4 696	3 589	4 545	3 486		
Engineering and architectural services.....	13 266	2 605	13 281	2 620	13 004	2 542	9 199	1 357	9 041	1 279		
Accounting, auditing, and bookkeeping services.....	9 186	4 469	9 191	4 480	9 119	4 374	5 192	1 478	5 158	1 450		
Miscellaneous professional and related services.....	4 962	2 910	4 969	2 910	4 888	2 834	3 076	1 254	3 032	1 216		
Professional and related services—allocated.....	10 540	20 551	...	...	...	...	...	...	...	...
Public administration.....	109 694	40 048	104 644	37 680	102 517	36 941	78 269	23 598	76 552	23 078		
Postal service.....	24 379	4 304	24 400	4 304	24 038	4 197	17 451	1 498	17 026	1 353		
Federal public administration.....	27 714	10 511	27 717	10 529	26 453	10 237	23 146	10 132	22 257	9 881		
State public administration.....	12 478	7 778	12 482	7 789	12 389	7 670	7 557	4 415	7 475	4 381		
Local public administration.....	39 943	15 011	40 045	15 058	39 637	14 837	30 115	7 553	29 794	7 463		
Public administration—allocated.....	5 180	2 444	...	...	...	...	...	...	...	...
Unemployed persons, last worked 1959 or earlier ¹	577	2 406	...	...	...	...	...	...	...	...
Industry not reported ¹.....	...	...	124 002	93 858	117 588	86 666	73 118	46 122	67 707	42 259

¹See text for explanation.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State						Standard metropolitan statistical areas			
	Total		Negro		Persons of Puerto Rican birth or parentage		Allentown-Bethlehem- Easton, Pa.-N.J.		Jersey City	
	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	142 679	87 255	153 799	101 082
Agriculture, forestry, and fisheries	21 568	4 524	2 025	854	827	28	2 978	370	367	132
Agricultural production	11 828	1 971	716	176	683	20	2 390	272	132	45
Agricultural services, except horticultural	1 283	828	56	22	12	—	58	77	5	29
Horticultural services	4 290	339	246	28	72	—	305	—	23	5
Forestry	205	10	7	—	—	—	5	—	10	—
Fisheries	792	84	65	58	6	—	36	—	6	—
Agriculture, forestry, and fisheries—allocated	3 170	1 292	935	570	54	8	184	21	191	53
Mining	3 729	621	238	31	17	5	993	68	139	78
Metal mining	463	99	45	11	—	—	508	—	10	11
Coal mining	94	21	24	5	9	—	32	11	8	5
Crude petroleum and natural gas extractions	1 214	287	72	15	—	5	63	31	87	51
Nonmetallic mining and quarrying, except fuel	1 851	185	83	—	8	—	381	21	29	11
Mining—allocated	107	29	14	—	—	—	9	5	5	—
Construction	145 214	8 777	12 277	366	1 272	140	10 511	560	8 794	631
General building contractors	30 307	1 905	2 434	90	221	20	2 558	82	1 507	169
General contractors, except building	23 767	1 304	2 099	45	260	7	1 889	88	872	54
Special trade contractors	65 874	3 760	3 192	127	426	75	4 906	292	4 087	238
Not specified construction	13 044	1 462	1 851	65	124	31	573	61	1 091	129
Construction—allocated	12 222	646	2 701	39	241	7	585	37	1 237	41
Manufacturing	622 687	292 364	52 974	34 582	15 467	7 735	66 914	36 796	52 831	35 550
Durable goods	337 744	124 746	28 372	17 812	8 084	2 787	46 604	10 493	25 360	11 219
Lumber and wood products, except furniture	3 469	754	345	103	183	26	228	35	382	57
Logging	155	34	26	13	—	—	12	—	32	19
Sawmills, planing mills, and millwork	1 764	274	140	31	87	—	125	21	246	15
Miscellaneous wood products	1 550	446	179	59	96	26	91	14	104	23
Furniture and fixtures	7 277	1 961	1 713	160	551	92	765	179	989	311
Stone, clay, and glass products	25 635	9 610	2 271	1 215	758	102	3 421	451	1 037	529
Glass and glass products	11 386	6 211	990	1 033	262	80	75	38	648	446
Cement, concrete, gypsum, and plaster products	4 811	512	545	22	127	6	2 703	260	220	22
Structural clay products	886	342	85	31	50	—	54	35	26	18
Pottery and related products	2 179	1 330	209	77	163	—	25	56	31	11
Miscellaneous nonmetallic mineral and stone products	6 373	1 215	442	52	156	16	564	62	112	32
Metal industries	71 745	15 275	7 547	1 531	2 024	350	22 559	2 585	5 729	1 120
Primary metal industries	28 693	4 187	4 033	388	721	84	17 137	1 512	1 994	438
Blast furnaces, steelworks, rolling and finishing mills	5 944	597	932	76	77	7	15 017	1 412	415	83
Other primary iron and steel industries	6 955	681	1 142	38	192	13	1 852	83	431	35
Primary aluminum industries	1 922	321	328	17	84	19	27	12	37	24
Other primary nonferrous industries	13 872	2 588	1 631	257	368	45	241	5	1 111	296
Fabricated metal industries	43 052	11 088	3 514	1 143	1 303	266	5 422	1 073	3 735	682
Cutlery, handtools, and other hardware	3 429	1 910	297	247	178	63	285	265	137	22
Fabricated structural metal products	11 711	1 577	714	59	243	29	3 141	239	879	129
Screw-machine products	2 133	621	123	61	56	6	16	—	96	4
Metal stamping	3 635	1 406	198	219	166	24	129	35	77	46
Miscellaneous fabricated metal products	17 771	4 745	1 794	486	530	102	1 386	482	2 281	444
Not specified metal industries	4 373	829	388	71	130	42	465	52	265	37
Machinery, except electrical	59 900	12 850	2 513	1 184	1 099	229	6 001	594	3 640	784
Engines and turbines	1 677	234	100	23	8	—	54	—	19	—
Farm machinery and equipment	306	58	4	17	20	—	87	9	27	—
Construction and material-handling machines	5 120	689	143	43	25	—	1 672	166	818	144
Metalworking machinery	7 645	1 484	358	116	101	17	315	37	409	79
Office and accounting machines	5 147	1 841	224	209	21	37	358	38	175	126
Electronic computing equipment	3 958	1 228	100	116	33	14	79	10	114	49
Machinery, except electrical, n.e.c.	33 474	6 597	1 481	579	825	157	3 370	323	2 014	375
Not specified machinery	2 573	719	103	81	66	4	66	11	64	11
Electrical machinery, equipment, and supplies	79 628	47 947	4 760	7 272	1 482	825	5 454	4 447	6 988	5 298
Household appliances	4 371	1 603	538	292	91	16	806	524	200	79
Radio, television, and communication equipment	29 736	14 222	1 674	2 579	471	260	1 605	1 572	3 546	2 533
Electrical machinery, equipment, and supplies, n.e.c.	33 173	25 331	2 016	3 572	749	505	2 465	2 049	2 520	2 113
Not specified electrical machinery, equipment, and supplies	12 348	6 791	532	829	171	44	578	302	722	573
Transportation equipment	33 524	4 881	3 356	512	515	81	4 040	518	1 940	255
Motor vehicles and motor vehicle equipment	16 007	2 877	2 455	334	274	66	3 994	499	1 071	161
Aircraft and parts	9 872	1 434	400	138	97	9	24	14	266	75
Ship and boat building and repairing	6 726	449	387	36	115	—	5	—	570	19
Railroad locomotives and equipment	581	83	87	—	20	6	5	—	24	—
Mobile dwellings and campers	106	21	4	4	—	—	7	5	9	—
Cycles and miscellaneous transportation equipment	232	17	23	—	—	—	5	—	—	—
Professional and photographic equipment, and watches	13 273	7 542	533	718	145	157	450	231	584	292
Scientific and controlling instruments	3 266	1 335	134	80	5	—	178	31	328	144
Optical and health services supplies	6 121	4 677	222	442	104	117	124	173	151	87
Photographic equipment and supplies	3 365	1 114	160	134	24	9	40	12	70	48
Watches, clocks, and clockwork-operated devices	311	325	14	56	12	31	7	—	29	10
Not specified professional equipment	210	91	3	—	—	—	101	15	6	3
Ordnance	5 431	1 920	188	182	35	13	193	36	39	23
Miscellaneous manufacturing industries	16 882	12 771	1 755	2 393	840	703	1 582	1 030	1 817	1 421
Manufacturing, durable goods—allocated	20 980	9 255	4 391	2 542	452	159	1 911	387	2 215	1 129
Non-durable goods	278 354	164 585	23 694	16 293	7 051	4 872	20 037	26 153	26 712	23 811
Food and kindred products	38 529	12 198	3 590	1 802	1 326	303	3 494	1 014	4 716	1 748
Meat products	2 518	885	438	190	167	45	511	59	512	185
Dairy products	4 408	483	166	41	21	—	717	56	246	34
Canning and preserving fruits, vegetables, and seafoods	4 798	2 414	969	573	304	89	122	151	195	185
Grain-mill products	7 947	267	131	72	18	10	359	84	155	68
Bakery products	9 351	2 746	645	403	324	73	589	104	653	194
Confectionery and related products	2 240	1 514	200	151	169	18	587	353	104	65
Beverage industries	8 155	1 002	549	78	151	8	283	9	719	79
Miscellaneous food preparation and kindred products	5 455	1 785	304	140	99	43	208	129	1 655	615
Not specified food industries	2 657	1 102	188	150	73	17	118	69	477	323
Tobacco manufactures	626	157	33	—	14	—	25	—	59	10
Textile mill products	17 572	9 634	1 006	513	877	292	2 971	2 276	2 390	2 219
Knitting mills	2 612	3 362	183	219	199	114	1 174	1 031	697	1 048
Dyeing and finishing textiles, except wool and knit goods	4 383	798	175	44	105	14	408	82	336	101
Floor coverings, except hard surface	7 546	4 178	389	170	321	138	1 206	1 071	1 021	831
Yarn, thread, and fabric mills	2 329	976	115	23	115	26	82	75	287	225
Miscellaneous textile mill products	17 107	51 527	1 112	5 057	985	2 424	3 272	17 564	3 663	10 163
Apparel and other fabricated textile products	13 710	47 060	908	4 688	849	2 195	2 969	16 909	2 280	8 332
Apparel and accessories	3 397	4 467	204	369	136	229	303	655	1 383	1 831
Miscellaneous fabricated textile products										

Table 184. Detailed Industry of Employed Persons by Race and 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**

	The State						Standard metropolitan statistical areas			
	Total		Negro		Persons of Puerto Rican birth or parentage		Allentown-Bethlehem-Easton, Pa.-N.J.		Jersey City	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Manufacturing—Continued										
Nondurable goods—Continued										
Paper and allied products	20 484	7 002	2 137	762	901	214	2 015	910	2 246	897
Pulp, paper, and paperboard mills	7 496	1 418	806	133	185	6	712	61	529	131
Miscellaneous paper and pulp products	4 716	2 286	349	211	178	93	244	165	406	278
Paperboard containers and boxes	8 272	3 298	982	418	538	115	1 059	684	1 311	488
Printing, publishing, and allied industries	38 905	21 953	1 398	886	424	193	2 874	1 642	3 353	1 892
Newspaper publishing and printing	10 881	5 109	307	142	31	11	1 058	637	771	308
Printing, publishing, and allied industries, except newspapers	28 024	16 844	1 091	744	393	182	1 816	1 005	2 582	1 584
Chemicals and allied products	87 701	32 204	6 593	2 323	890	337	3 089	510	5 058	2 271
Industrial chemicals	20 039	2 726	1 457	127	118	18	1 297	205	832	192
Plastics, synthetics and resins, except fibers	6 053	1 000	488	76	75	—	395	41	158	46
Synthetic fibers	224	53	3	4	—	—	14	9	—	—
Drugs and medicines	17 990	12 314	1 208	858	113	101	220	94	514	390
Soaps and cosmetics	11 114	8 641	806	800	244	154	34	7	1 859	1 114
Paints, varnishes, and related products	5 308	1 191	584	74	109	10	121	9	429	174
Agricultural chemicals	2 007	459	134	50	15	—	70	5	12	11
Miscellaneous chemicals	5 865	1 682	329	115	17	25	272	31	232	74
Not specified chemicals and allied products	19 101	4 138	1 584	219	199	29	666	109	1 013	270
Petroleum and coal products	12 848	2 195	623	110	20	7	101	49	765	157
Petroleum refining	11 635	1 980	505	105	12	7	76	49	699	157
Miscellaneous petroleum and coal products	1 213	215	118	5	8	—	25	—	66	—
Rubber and miscellaneous plastic products	22 045	9 287	2 630	1 551	752	283	724	536	1 090	503
Rubber products	7 988	2 165	1 093	165	319	72	100	18	189	134
Miscellaneous plastic products	14 057	7 122	1 537	1 386	433	211	624	518	901	369
Leather and leather products	4 065	4 228	550	520	423	456	457	501	831	1 073
Tanned, curried, and finished leather	1 051	279	297	41	70	—	84	15	64	25
Footwear, except rubber	948	669	65	72	66	92	300	310	196	77
Leather products, except footwear	2 066	3 280	1 88	407	287	364	73	176	571	971
Manufacturing, nondurable goods—allocated	18 472	14 200	4 022	2 769	439	363	1 015	1 151	2 541	2 878
Not specified manufacturing industries	6 589	3 013	908	477	332	126	273	150	759	520
Transportation, communications, and other public utilities										
Transportation	167 888	46 393	15 535	4 741	1 449	222	11 218	2 010	22 890	5 933
Railroads and railway express service	100 136	17 709	9 897	1 174	998	91	6 279	761	17 358	2 650
Street railways and bus lines	13 383	1 054	960	79	46	—	1 940	173	2 921	213
Taxicab service	12 244	4 303	1 191	236	88	16	400	179	1 596	131
Trucking service	3 199	410	490	49	63	—	167	25	424	39
Warehousing and storage	42 745	4 707	4 706	260	435	25	3 237	300	7 526	1 116
Water transportation	4 757	1 036	636	39	72	17	80	17	1 142	183
Air transportation	10 447	814	1 090	73	186	11	37	—	2 340	308
Pipelines, except natural gas	8 745	3 121	511	252	56	7	236	25	702	273
Services incidental to transportation	100	9	—	4	—	—	43	8	—	—
Communications	4 516	2 255	313	182	52	15	139	34	707	387
Radio broadcasting and television	26 040	21 706	857	2 716	74	84	1 306	639	1 616	2 562
Telephone (wire and radio)	3 216	792	72	56	4	—	178	21	183	110
Telegraph and miscellaneous communication services	20 969	20 287	738	2 597	70	84	891	589	1 263	2 377
Utilities and sanitary services	1 855	627	47	63	—	—	237	29	170	75
Electric light and power	31 191	4 142	2 766	386	161	14	3 058	528	1 865	307
Electric-gas utilities	7 838	1 048	219	75	19	—	1 888	357	1 68	17
Gas and steam supply systems	11 131	1 731	556	192	37	14	153	52	805	208
Water supply	2 731	450	208	44	14	—	325	71	41	10
Sanitary services	3 305	508	242	39	19	—	301	37	205	45
Other and not specified utilities	6 035	389	1 525	30	72	—	386	11	633	27
Transportation, communications, and other public utilities—allocated	151	16	16	6	—	—	5	—	13	—
Transportation, communications, and other public utilities—allocated	10 521	2 836	2 015	465	216	33	575	82	2 051	414
Wholesale and retail trade										
Wholesale trade	327 385	221 048	22 762	12 886	4 399	1 633	22 276	16 215	26 403	16 470
Motor vehicles and equipment	87 768	29 972	6 579	1 771	1 018	239	5 669	1 438	7 721	3 524
Drugs, chemicals, and allied products	6 941	1 882	2 951	93	51	7	413	79	440	136
Dry goods and apparel	4 485	2 569	328	149	15	20	281	48	275	155
Food and related products	3 189	2 041	118	105	62	44	147	100	480	511
Farm products—raw materials	16 892	4 529	1 773	436	367	35	1 156	264	1 867	548
Electrical goods	500	183	11	8	6	—	24	11	24	47
Hardware, plumbing, and heating supplies	4 634	1 744	155	90	19	12	358	142	264	198
Machinery, equipment, and supplies	3 013	990	152	17	14	—	299	83	222	80
Metals and minerals, n.e.c.	152	28	—	—	—	—	23	5	15	—
Petroleum products	11 905	4 051	472	155	132	24	651	85	668	234
Scrap and waste materials	3 570	909	320	25	36	—	517	120	313	125
Alcoholic beverages	4 384	720	172	40	6	—	266	39	420	56
Paper and its products	2 454	234	509	24	21	7	203	91	260	52
Lumber and construction materials	3 422	639	246	31	11	—	156	60	303	97
Wholesalers, n.e.c.	2 331	694	235	26	11	—	107	10	145	67
Not specified wholesale trade	3 197	725	345	10	45	13	255	75	225	44
Wholesale trade—allocated	9 530	4 923	464	215	108	22	449	158	934	551
Retail trade	2 583	1 205	203	76	34	21	154	32	345	244
Lumber and building material retailing	4 586	1 906	781	271	80	34	210	36	521	379
General merchandise stores	239 617	191 076	16 183	11 115	3 381	1 394	16 607	14 777	18 682	12 946
Department and mail-order establishments	8 044	1 718	470	32	41	—	726	150	440	65
Limited-price variety stores	3 010	948	97	22	10	—	345	68	118	16
Vending machine operators	24 855	50 813	1 773	3 237	225	393	1 996	4 508	1 582	2 979
Direct-selling establishments	17 162	37 208	1 323	2 384	171	251	1 481	3 268	948	2 085
Miscellaneous general merchandise stores	2 516	6 924	172	389	14	83	207	709	170	592
Food stores	1 398	484	20	13	—	—	94	77	115	31
Dairy products stores	1 301	1 984	67	92	—	13	120	202	79	30
Retail bakeries	2 478	4 213	191	359	40	46	94	252	270	241
Food stores, n.e.c.	45 885	29 421	2 348	1 290	753	181	2 938	2 145	4 284	2 089
Motor vehicle dealers	35 828	22 248	1 818	1 161	588	130	2 304	1 549	3 184	1 625
Tire, battery, and accessory dealers	1 475	740	29	4	6	5	96	63	83	17
Gasoline service stations	3 759	4 411	221	59	90	39	256	307	354	302
Gasoline service stations	4 823	2 022	280	66	69	7	282	226	663	145
Gasoline service stations	18 032	3 179	1 416	102	173	26	1 483	267	837	157
Gasoline service stations	4 283	918	346	13	52	7	488	32	213	42
Gasoline service stations	19 403	980	938	47	177	—	1 617	114	1 036	36

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State						Standard metropolitan statistical areas			
	Total		Negro		Persons of Puerto Rican birth or parentage		Allentown-Bethlehem- Easton, Pa.-N.J.		Jersey City	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Wholesale and retail trade—Continued										
Retail trade—Continued										
Miscellaneous vehicle dealers	1 028	234	12	—	18	—	53	23	13	7
Apparel and accessories stores, except shoe stores	8 498	17 931	504	1 140	59	151	540	974	715	1 900
Shoe stores	3 509	1 689	139	69	29	8	132	207	337	61
Furniture and home furnishings stores	8 971	3 506	611	146	69	15	546	285	561	224
Household appliances, television, and radio stores	5 382	1 900	175	93	44	4	502	150	358	54
Eating and drinking places	38 089	38 612	3 007	2 018	1 202	213	2 378	3 446	3 891	2 336
Drugstores	6 636	5 335	321	172	55	12	379	475	444	268
Liquor stores	4 195	1 000	185	38	11	—	197	44	329	63
Farm and garden supply stores	1 245	289	56	—	19	—	89	26	15	8
Jewelry stores	1 912	1 430	44	72	21	11	90	173	196	87
Fuel and ice dealers	4 768	1 245	287	46	48	—	489	123	448	43
Retail florists	1 839	1 508	28	37	31	—	147	102	122	76
Miscellaneous retail stores	10 980	9 169	421	292	62	49	691	606	649	535
Not specified retail trade	4 066	3 200	230	163	65	49	260	193	323	331
Retail trade—allocated	14 987	16 051	2 775	2 086	217	275	741	666	1 771	1 569
Finance, insurance, and real estate	92 257	81 104	3 766	5 625	690	470	3 818	3 310	9 274	11 618
Banking	19 643	26 012	729	1 437	141	192	785	1 330	2 861	4 084
Credit agencies	3 722	3 957	89	163	21	19	466	456	235	399
Security, commodity brokerage, and investment companies	13 206	5 001	166	248	77	31	222	155	2 178	1 640
Insurance	33 647	30 550	1 023	2 512	127	153	1 383	883	1 976	3 651
Real estate, including real estate—insurance—low offices	17 151	10 479	1 439	582	261	7	791	324	1 379	749
Finance, insurance, and real estate—allocated	4 888	5 105	320	683	63	68	171	162	645	1 095
Business and repair services	78 988	32 089	6 978	2 581	989	141	3 791	1 143	6 199	3 312
Business services	43 469	25 836	2 960	1 850	401	69	1 246	875	2 936	2 437
Advertising	4 651	2 462	81	60	54	—	76	78	303	383
Services to dwellings and other buildings	4 980	1 804	1 235	415	7	7	146	44	529	348
Commercial research, development, and testing labs	4 329	1 721	223	110	7	—	149	45	86	95
Employment and temporary help agencies	1 729	3 306	175	319	48	5	83	143	215	267
Business management and consulting services	4 506	3 096	120	112	22	8	75	76	191	194
Computer programming services	3 838	1 801	125	103	29	—	80	36	198	75
Detective and protective services	4 216	4 477	360	55	22	—	217	11	484	43
Business services, n.e.c.	15 220	11 169	641	676	146	49	420	442	930	1 032
Repair services	30 431	3 680	2 852	202	527	27	2 335	204	2 657	390
Automobile services, except repair	3 859	929	632	28	130	10	359	49	358	151
Automobile repair and related services	13 155	605	1 491	63	234	11	1 219	64	1 117	65
Electrical repair shops	5 444	801	303	51	62	—	225	15	449	44
Miscellaneous repair services	7 973	1 345	426	60	101	6	532	76	733	130
Business and repair services—allocated	5 088	2 573	1 166	529	61	45	210	64	606	485
Personal services	34 567	61 957	5 251	22 334	651	690	2 301	4 912	3 694	4 758
Private households	2 164	21 667	651	11 995	8	92	160	1 569	64	797
Hotels and motels	6 089	5 883	864	1 149	276	60	476	789	580	442
Lodging places, except hotels and motels	728	1 146	39	143	7	14	59	110	17	52
Laundering, cleaning, and other garment services	9 146	10 529	1 601	3 174	171	178	557	742	1 194	1 232
Beauty shops	3 191	11 766	108	990	38	240	142	1 181	271	932
Barber shops	5 542	235	543	47	87	—	462	33	581	33
Shoe repair shops	868	68	68	6	—	—	54	11	147	14
Dressmaking shops	210	724	17	68	—	7	15	56	15	66
Miscellaneous personal services	3 390	1 786	204	105	41	11	242	157	298	135
Personal services—allocated	3 239	8 153	1 156	4 657	23	88	134	264	527	1 055
Entertainment and recreation services	12 602	6 325	868	330	131	34	801	343	874	489
Theaters and motion pictures	4 360	2 121	236	108	9	7	200	75	443	200
Bowling alleys, and billiard and pool parlors	1 096	564	57	—	7	5	101	32	59	41
Miscellaneous entertainment and recreation services	5 998	3 029	354	184	96	22	438	221	248	182
Entertainment and recreation services—allocated	1 148	611	221	38	19	—	62	15	124	66
Professional and related services	172 760	277 511	13 138	33 957	1 172	1 374	12 545	20 287	11 858	19 116
Health services	36 794	95 915	4 627	17 075	432	511	2 542	7 958	2 607	6 773
Offices of physicians	7 518	10 475	149	453	15	26	577	674	429	500
Offices of dentists	3 906	5 394	115	169	—	15	273	328	214	323
Offices of chiropractors	312	87	—	—	—	—	59	33	16	6
Hospitals	18 625	61 578	3 765	12 940	335	354	1 114	4 898	1 527	5 112
Convalescent institutions	2 223	11 874	340	2 701	46	70	291	1 540	32	392
Offices of health practitioners, n.e.c.	1 002	667	5	20	—	—	94	55	48	37
Health services, n.e.c.	3 208	5 840	253	792	36	46	134	430	341	403
Legal services	9 127	9 649	82	286	25	37	317	455	605	1 125
Educational services	71 462	123 401	4 608	9 635	267	355	6 265	8 849	4 267	7 179
Elementary and secondary schools	49 148	101 313	3 243	7 871	145	241	3 745	6 705	2 921	5 821
Government	40 956	78 717	2 726	6 512	103	215	3 011	4 923	2 314	4 312
Private	8 192	22 596	517	1 359	42	26	734	1 782	607	1 509
Colleges and universities	19 054	14 981	1 114	1 294	115	71	2 327	1 740	1 166	962
Government	8 487	7 255	552	825	54	39	354	226	355	493
Private	10 567	7 726	562	469	61	32	1 973	1 514	811	469
Libraries	910	3 974	102	212	—	—	33	212	80	211
Educational services, n.e.c.	2 332	3 098	144	252	7	11	153	192	100	185
Not specified educational services	18	35	5	6	—	—	7	—	—	—
Museums, art galleries, and zoos	365	434	18	34	—	—	21	14	24	14
Religious organizations	7 846	5 116	540	225	49	33	792	487	643	339
Welfare services	3 616	8 051	682	1 735	98	160	197	475	429	672
Residential welfare facilities	225	571	25	129	—	—	27	26	10	30
Nonprofit membership organizations	6 228	4 968	366	355	53	—	621	473	458	359
Engineering and architectural services	12 989	2 527	205	66	13	—	649	104	715	191
Accounting, auditing, and bookkeeping services	9 114	4 363	147	118	14	37	301	275	558	305
Miscellaneous professional and related services	4 881	2 834	124	238	24	24	161	91	214	142
Professional and related services—allocated	10 113	19 682	1 714	4 061	175	204	652	1 080	1 328	1 987
Public administration	107 403	39 206	9 995	6 280	677	122	4 533	1 241	10 476	2 995
Postal service	24 022	4 197	3 480	1 363	221	126	1 385	132	2 684	331
Federal public administration	26 450	10 219	1 886	2 014	135	58	360	167	1 199	666
State public administration	12 385	7 659	900	1 064	70	23	652	163	522	254
Local public administration	39 545	14 796	2 585	1 165	218	98	2 036	739	5 266	1 401
Public administration—allocated	5 001	2 335	1 144	674	33	35	100	40	805	343

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas—Con.									
	Newark		Paterson-Clifton-Passaic		Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	467 528	294 775	361 383	215 515	1 165 250	713 247	76 311	51 161	122 376	69 685
Agriculture, forestry, and fisheries	3 170	748	2 337	478	15 293	3 599	945	226	3 014	436
Agricultural production	986	173	726	197	8 486	1 304	388	47	2 253	270
Agricultural services, except horticultural	267	177	202	94	989	510	44	32	108	75
Horticultural services	1 205	91	979	55	2 641	260	185	20	250	16
Forestry	24	—	17	—	137	51	21	5	28	12
Fisheries	34	—	11	—	56	—	—	—	22	—
Agriculture, forestry, and fisheries—allocated	654	307	402	132	2 984	1 474	307	122	353	63
Mining	594	125	363	101	1 885	307	197	53	271	32
Metal mining	113	31	31	18	121	10	10	5	17	—
Coal mining	18	—	11	6	81	35	5	—	—	—
Crude petroleum and natural gas extractions	180	65	124	52	436	128	93	9	80	21
Nonmetallic mining and quarrying, except fuel	275	24	192	11	1 026	116	76	39	110	—
Mining—allocated	8	5	5	14	221	18	13	—	4	11
Construction	33 548	2 039	27 054	2 060	92 557	5 780	6 376	390	12 520	1 007
General building contractors	6 617	377	5 669	532	18 941	1 235	1 191	36	2 245	152
General contractors, except building	5 321	324	3 400	214	14 544	861	1 269	84	2 488	276
Special trade contractors	14 888	894	13 624	884	42 784	2 553	2 459	210	5 126	416
Not specified construction	3 281	277	2 309	271	6 591	562	621	41	1 746	120
Construction—allocated	3 441	167	2 052	159	9 697	569	836	19	915	43
Manufacturing	169 229	80 396	127 645	63 406	413 549	165 536	24 656	10 707	48 338	13 798
Durable goods	97 429	41 775	62 609	21 844	246 186	62 228	15 003	5 580	17 598	3 595
Lumber and wood products, except furniture	816	236	518	87	1 929	311	64	8	245	10
Logging	10	9	24	—	107	5	—	—	42	5
Sawmills, planing mills, and millwork	323	58	303	30	1 072	161	32	8	138	—
Miscellaneous wood products	483	169	191	57	750	145	32	—	65	5
Furniture and fixtures	2 202	612	1 718	428	5 377	1 248	168	15	133	83
Stone, clay, and glass products	2 693	876	1 819	585	11 861	2 660	1 341	493	1 531	884
Glass and glass products	899	532	695	188	2 039	970	24	—	1 157	843
Cement, concrete, gypsum, and plaster products	850	87	597	110	2 900	364	249	19	259	20
Structural clay products	115	22	82	27	1 479	363	140	79	47	11
Pottery and related products	142	56	190	166	443	192	743	378	—	—
Miscellaneous nonmetallic mineral and stone products	687	179	255	94	5 000	771	185	17	68	10
Metal industries	22 310	5 681	11 815	3 151	61 208	8 488	4 351	694	2 987	553
Primary metal industries	8 222	1 321	3 397	805	29 493	2 729	2 324	272	1 604	283
Blast furnaces, steelworks, rolling and finishing mills	1 349	127	470	102	18 308	1 159	1 338	84	638	79
Other primary iron and steel industries	1 869	180	1 087	174	6 433	711	612	40	508	46
Primary aluminum industries	641	64	173	65	1 499	172	31	—	—	—
Other primary nonferrous industries	4 363	950	1 667	464	3 253	687	343	148	421	158
Fabricated metal industries	14 088	4 360	8 418	2 346	31 715	5 759	2 027	422	1 383	270
Cutlery, handtools, and other hardware	1 442	788	576	340	1 796	668	359	198	37	—
Fabricated structural metal products	2 973	498	2 299	408	11 130	1 156	706	63	507	100
Screw-machine products	1 203	363	413	117	2 351	539	22	5	10	—
Metal stamping	1 275	545	503	236	4 619	908	107	39	246	62
Miscellaneous fabricated metal products	5 516	1 814	4 012	1 139	9 783	2 240	687	113	524	100
Not specified metal industries	1 679	352	615	106	2 036	248	146	4	59	8
Machinery, except electrical	18 072	4 230	12 521	2 760	47 033	9 317	2 967	528	1 155	125
Engines and turbines	40	20	77	5	7 190	593	755	155	183	15
Farm machinery and equipment	60	25	4	—	393	82	12	—	9	—
Construction and material-handling machines	1 197	148	1 373	186	3 735	523	49	4	23	6
Metalworking machinery	3 172	538	1 405	414	4 413	646	161	21	74	—
Office and accounting machines	1 778	763	1 426	495	1 505	505	222	52	61	11
Electronic computing equipment	776	205	770	192	6 004	2 546	215	85	91	17
Machinery, except electrical, n.e.c.	10 544	2 360	7 101	1 377	22 773	4 224	1 388	193	701	71
Not specified machinery	505	171	365	91	1 020	198	165	18	13	5
Electrical machinery, equipment, and supplies	24 624	17 379	14 518	7 188	44 841	21 327	2 683	2 379	691	971
Household appliances	2 505	941	491	125	1 389	464	186	33	137	200
Radio, television, and communication equipment	8 886	5 149	6 807	2 377	12 731	6 308	576	87	103	64
Electrical machinery, equipment, and supplies, n.e.c.	10 714	9 273	5 601	3 776	25 113	11 873	1 390	1 951	354	675
Not specified electrical machinery, equipment, and supplies	2 519	2 016	1 619	910	5 608	2 682	531	248	97	32
Transportation equipment	7 455	1 075	8 949	1 656	36 981	4 647	1 173	472	8 978	569
Motor vehicles and motor vehicle equipment	4 849	582	3 326	655	10 019	1 286	1 064	445	6 794	303
Aircraft and parts	2 206	470	4 922	920	12 902	2 239	86	21	1 271	197
Ship and boat building and repairing	213	17	317	29	12 541	982	8	—	725	35
Railroad locomotives and equipment	119	—	325	42	807	60	—	6	101	9
Mobile dwellings and campers	26	6	22	5	414	44	—	—	87	22
Cycles and miscellaneous transportation equipment	42	—	37	5	298	36	15	—	—	3
Professional and photographic equipment, and watches	2 986	2 020	3 267	1 774	8 556	3 819	337	113	242	62
Scientific and controlling instruments	1 134	481	992	391	6 278	2 261	125	85	139	45
Optical and health services supplies	1 150	1 086	1 485	908	1 819	1 319	173	28	82	9
Photographic equipment and supplies	512	221	626	403	312	167	39	—	16	8
Watches, clocks, and clockwork-operated devices	147	221	57	28	42	35	—	—	—	—
Not specified professional equipment	43	11	107	44	105	37	—	—	5	—
Ordinance	3 268	1 152	3 338	134	4 183	1 572	51	29	38	93
Miscellaneous manufacturing industries	6 266	5 407	3 295	2 513	6 335	4 106	431	137	736	107
Manufacturing, durable goods—allocated	6 737	3 107	3 851	1 568	17 882	4 733	1 437	772	862	138
Nondurable goods	69 561	37 726	63 688	40 862	164 274	101 802	9 399	5 034	30 521	10 141
Food and kindred products	10 266	2 669	7 647	2 410	26 073	10 744	652	229	1 145	752
Meat products	640	193	453	78	3 828	1 105	37	54	97	94
Dairy products	909	95	1 133	116	3 363	602	106	—	231	50
Canning and preserving fruits, vegetables, and seafoods	377	184	319	183	3 959	2 429	84	58	238	325
Grain-mill products	145	54	173	62	498	108	17	5	51	20
Bakery products	2 258	837	2 133	866	5 771	2 569	133	22	203	75
Confectionery and related products	681	437	238	160	1 766	2 346	3	10	26	13
Beverage industries	3 538	403	1 241	149	1 771	3 524	601	217	169	44
Miscellaneous food preparation and kindred products	1 170	285	1 289	489	2 218	562	23	7	75	83
Not specified food industries	548	181	668	307	1 146	422	32	—	55	48
Tobacco manufactures	75	36	139	45	594	598	17	—	5	—
Textile mill products	2 403	909	8 323	3 951	10 328	11 120	202	129	1 063	472
Knitting mills	341	315	699	775	2 844	6 047	6	4	95	40
Dyeing and finishing textiles, except wool and knit goods	187	71	3 171	423	859	337	41	22	443	91
Floor coverings, except hard surface	288	64	148	136	1 317	803	54	61	44	9
Yarn, thread, and fabric mills	1 200	351	3 643	2 311	3 889	3 324	78	42	421	268
Miscellaneous textile mill products	387	108	662	306	1 419	609	23	—	60	64
Apparel and other fabricated textile products	2 938	9 162	4 637	11 352	12 815	31 707	276	1 034	179	1 243
Apparel and accessories	2 476	8 492	3 622	10 286	11 858	29 671	182	746	164	1 200
Miscellaneous fabricated textile products	462	670	1 015	1 066	957	2 036	94	288	15	43

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas—Con.									
	Newark		Paterson-Clifton-Passaic		Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Manufacturing—Continued										
Nondurable goods—Continued										
Paper and allied products.....	4 358	1 373	4 990	1 754	15 609	5 799	759	142	1 155	269
Pulp, paper, and paperboard mills.....	1 735	295	1 571	447	6 360	1 275	363	27	561	108
Miscellaneous paper and pulp products.....	1 050	507	1 218	603	3 278	2 033	128	46	117	32
Paperboard containers and boxes.....	1 573	571	2 201	704	5 971	2 491	268	69	477	129
Printing, publishing, and allied industries.....	8 811	4 606	11 389	7 886	27 298	13 023	1 575	1 066	1 255	530
Newspaper publishing and printing.....	2 327	1 026	2 497	1 178	8 144	3 095	574	202	697	280
Printing, publishing, and allied industries, except newspapers.....	6 484	3 580	8 892	6 708	19 154	9 928	1 001	864	558	250
Chemicals and allied products.....	25 207	10 991	14 392	6 718	33 375	11 031	1 923	1 041	20 612	5 170
Industrial chemicals.....	4 274	684	2 097	568	6 336	1 142	302	68	6 154	1 213
Plastics, synthetics and resins, except fibers.....	1 415	327	616	128	3 368	663	186	59	1 360	199
Synthetic fibers.....	36	36	46	17	218	78	4	—	416	160
Drugs and medicines.....	7 469	5 545	3 579	2 279	6 709	4 892	464	296	83	38
Soaps and cosmetics.....	2 629	1 919	3 297	2 219	1 775	944	150	287	179	125
Paints, varnishes, and related products.....	1 784	389	636	190	2 527	556	40	11	99	8
Agricultural chemicals.....	52	—	47	16	2 446	482	224	153	74	8
Miscellaneous chemicals.....	1 672	581	1 399	423	2 699	621	95	17	334	150
Not specified chemicals and allied products.....	5 876	1 510	2 675	878	7 297	1 653	458	150	11 913	3 269
Petroleum and coal products.....	3 897	850	1 012	329	13 509	2 596	237	34	1 052	89
Petroleum refining.....	3 562	783	858	265	12 859	2 375	209	19	966	72
Miscellaneous petroleum and coal products.....	335	67	154	64	650	221	28	15	86	17
Rubber and miscellaneous plastic products.....	5 590	3 133	6 023	2 029	11 487	3 685	2 502	512	2 529	626
Rubber products.....	1 347	429	3 318	605	6 682	1 609	1 485	283	1 297	259
Miscellaneous plastic products.....	4 243	2 704	2 705	1 424	4 805	2 076	1 017	229	1 232	367
Leather and leather products.....	1 403	907	870	820	1 268	1 135	193	335	400	316
Tanned, curried, and finished leather.....	729	183	40	13	246	92	—	—	320	160
Footwear, except rubber.....	109	60	514	482	504	338	12	—	10	29
Leather products, except footwear.....	565	664	316	325	518	705	181	335	70	127
Manufacturing, nondurable goods—allocated.....	4 613	3 090	4 266	3 568	11 916	10 364	1 063	512	1 126	674
Not specified manufacturing industries.....	2 239	895	1 348	700	3 089	1 506	254	93	219	62
Transportation, communications, and other public utilities.....	40 358	12 876	33 637	8 529	93 874	25 289	5 041	1 834	9 245	2 224
Transportation.....	23 153	4 296	18 929	3 386	54 820	8 873	2 679	590	5 742	1 025
Railroads and railway express service.....	2 281	200	1 942	177	12 291	1 959	673	21	1 854	79
Street railways and bus lines.....	2 706	845	3 202	618	7 966	1 876	273	181	387	322
Taxicab service.....	934	93	552	78	2 935	320	139	5	119	20
Trucking service.....	9 580	938	8 411	1 062	19 874	1 942	1 166	172	2 051	164
Warehousing and storage.....	1 229	290	678	266	2 077	283	120	22	93	41
Water transportation.....	3 018	200	1 703	133	4 565	307	77	9	396	19
Air transportation.....	2 426	1 106	1 607	605	3 253	1 110	163	81	609	231
Pipelines, except natural gas.....	10	5	—	—	282	75	—	—	24	—
Services incidental to transportation.....	969	619	834	447	1 577	1 001	68	99	209	149
Communications.....	6 966	6 327	6 995	4 106	12 338	12 048	639	960	922	808
Radio broadcasting and television.....	657	143	1 264	250	1 900	612	89	38	124	24
Telephone (wire and radio).....	5 889	6 097	4 991	3 591	9 782	11 173	517	899	756	767
Telegraph and miscellaneous communication services.....	420	87	740	265	656	263	33	23	42	17
Utilities and sanitary services.....	7 747	1 460	5 665	513	19 446	2 506	1 166	90	2 046	260
Electric light and power.....	1 514	304	928	44	6 553	1 102	174	5	1 228	167
Electric-gas utilities.....	3 270	801	2 579	276	4 062	556	423	27	214	19
Gas and steam supply systems.....	650	143	306	21	2 471	272	48	6	41	18
Water supply.....	659	126	812	112	2 181	343	197	39	218	33
Sanitary services.....	1 612	70	998	60	4 160	218	314	13	339	23
Other and not specified utilities.....	42	16	42	—	19	15	10	—	6	—
Transportation, communications, and other public utilities—allocated.....	2 492	793	2 048	524	7 270	1 862	557	194	535	131
Wholesale and retail trade.....	83 733	54 523	72 534	49 779	221 646	154 128	11 724	8 018	19 681	15 953
Wholesale trade.....	24 699	8 222	21 250	8 648	61 295	19 029	2 696	678	4 608	1 599
Motor vehicles and equipment.....	1 739	417	1 895	640	4 570	967	159	31	448	76
Drugs, chemicals, and allied products.....	1 385	876	1 211	795	2 956	1 441	137	120	587	423
Dry goods and apparel.....	777	444	1 219	713	1 556	1 052	18	10	58	21
Food and related products.....	4 786	1 182	3 607	947	11 105	2 857	464	102	532	188
Farm products—raw materials.....	129	26	102	35	289	63	38	15	57	—
Electrical goods.....	1 437	566	966	423	4 688	1 455	144	37	348	132
Hardware, plumbing, and heating supplies.....	837	314	774	282	2 643	837	88	43	225	72
Not specified electrical and hardware products.....	28	7	52	—	68	15	—	6	4	—
Machinery, equipment, and supplies.....	3 493	1 266	2 950	1 284	8 966	2 672	432	47	716	199
Metals and minerals, n.e.c.....	1 231	340	858	239	2 623	579	63	5	106	24
Petroleum products.....	1 073	189	699	127	2 793	836	68	35	302	70
Scrap and waste materials.....	763	60	448	43	1 794	200	69	—	92	19
Alcoholic beverages.....	1 082	231	592	127	1 699	321	142	—	275	45
Paper and its products.....	803	220	619	234	1 692	485	99	19	44	35
Lumber and construction materials.....	881	141	651	224	2 086	421	71	11	297	38
Wholesalers, n.e.c.....	2 303	1 173	2 806	1 611	6 722	2 998	276	115	293	126
Not specified wholesale trade.....	642	279	660	432	1 370	511	102	21	55	37
Wholesale trade—allocated.....	1 310	491	1 141	492	3 675	1 319	326	61	169	94
Retail trade.....	59 034	46 301	51 284	41 131	160 351	135 099	9 028	7 340	15 073	14 354
Lumber and building material retailing.....	1 688	438	1 553	350	4 504	932	353	36	629	131
Hardware and farm equipment stores.....	760	232	543	165	1 970	612	136	58	273	90
General merchandise stores.....	6 202	12 268	5 912	12 241	18 645	39 514	765	1 788	1 894	3 877
Department and mail-order establishments.....	3 986	8 954	4 393	9 765	13 425	30 147	562	1 299	1 397	2 653
Limited-price variety stores.....	623	1 699	438	1 157	1 725	5 008	77	261	130	453
Vending machine operators.....	451	174	220	73	1 320	680	43	31	88	32
Direct-selling establishments.....	367	395	226	467	1 102	1 481	37	56	122	396
Miscellaneous general merchandise stores.....	775	1 046	635	779	1 073	2 198	46	141	157	343
Food stores.....	11 763	7 110	10 403	6 414	29 916	18 132	1 344	924	2 360	1 903
Grocery stores.....	8 997	5 360	8 041	4 833	23 511	13 589	1 053	632	1 860	1 455
Dairy products stores.....	404	116	425	130	1 127	422	37	20	111	57
Retail bakeries.....	964	1 164	848	1 051	2 460	2 440	147	206	224	256
Food stores, n.e.c.....	1 398	470	1 089	400	2 818	1 681	107	66	165	135
Motor vehicle dealers.....	4 004	773	3 703	852	12 446	1 965	699	76	1 438	195
Tire, battery, and accessory dealers.....	1 044	241	803	211	3 006	459	137	46	285	26
Gasoline service stations.....	4 120	205	3 970	178	12 043	922	738	40	2 122	99

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

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

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

Standard metropolitan statistical areas—Con.										
	Newark		Paterson-Clifton-Passaic		Philadelphia, Pa.—N.J.		Trenton		Wilmington, Del.—N.J.—Md.	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Wholesale and retail trade—Continued										
Retail trade—Continued										
Miscellaneous vehicle dealers	183	15	115	14	535	79	21	8	176	58
Apparel and accessories stores, except shoe stores	2 379	4 889	2 149	4 275	5 935	12 098	326	594	327	962
Shoe stores	981	430	923	420	2 215	1 042	81	92	196	190
Furniture and home furnishings stores	2 449	947	2 094	907	5 635	2 026	311	178	487	212
Household appliances, television, and radio stores	1 348	442	1 167	470	3 583	1 231	213	70	401	173
Eating and drinking places	9 049	8 486	7 087	6 090	25 499	28 048	1 565	1 689	1 830	3 420
Drug stores	1 790	1 288	1 712	1 084	5 115	3 612	211	217	344	666
Liquor stores	1 066	215	862	209	2 180	274	211	50	377	139
Farm and garden supply stores	182	86	160	42	767	267	116	6	122	21
Jewelry stores	564	470	445	273	1 221	983	35	54	86	165
Fuel and ice dealers	1 166	425	782	155	2 842	781	177	62	197	54
Retail florists	442	305	415	276	1 160	1 065	53	40	153	147
Miscellaneous retail stores	2 631	2 262	2 835	2 349	7 448	6 144	412	322	521	572
Not specified retail trade	1 032	761	977	753	2 358	1 659	144	169	150	162
Retail trade—allocated	4 191	4 013	2 674	3 403	11 328	13 254	980	821	705	1 092
Finance, insurance, and real estate										
Banking	28 526	27 068	20 382	13 427	52 515	53 085	2 461	2 083	4 077	4 596
Credit agencies	5 374	6 452	4 753	4 890	10 687	16 994	476	663	996	2 140
Security, commodity brokerage, and investment companies	1 006	1 318	793	708	2 972	3 411	92	120	279	373
Insurance	3 914	1 070	3 494	1 155	4 080	2 394	234	75	348	269
Real estate, including real estate—insurance—law offices	11 818	13 539	6 827	4 143	20 827	19 947	856	654	1 375	945
Finance, insurance, and real estate—allocated	4 971	2 961	3 514	1 837	11 237	6 677	593	430	913	627
	1 443	1 728	1 001	694	3 252	3 662	210	141	166	242
Business and repair services										
Business services	23 710	9 433	16 666	7 543	44 830	19 372	3 744	2 368	5 583	1 771
Advertising	14 386	8 012	9 280	6 182	20 741	15 358	2 218	1 874	3 695	1 464
Services to dwellings and other buildings	1 484	632	1 474	810	2 409	2 041	84	51	178	65
Commercial research, development, and testing labs	1 545	484	982	248	2 724	1 017	189	160	304	185
Employment and temporary help agencies	995	442	755	312	2 030	705	701	231	2 296	518
Business management and consulting services	618	1 128	292	808	1 070	2 397	44	152	93	170
Computer programming services	1 376	693	1 171	697	2 421	2 416	463	801	153	113
Detective and protective services	876	518	1 012	669	1 960	859	266	59	86	45
Business services, n.e.c.	1 163	1 556	717	1 100	2 975	3 446	176	14	237	19
Business services—allocated	6 329	3 959	2 877	2 538	5 152	5 577	295	406	348	349
Repair services	7 791	727	6 349	888	20 623	2 438	1 081	111	1 663	186
Automobile services, except repair	1 243	183	788	199	3 155	616	112	5	271	68
Automobile repair and related services	3 391	131	2 524	137	9 213	533	529	14	785	26
Electrical repair shops	1 304	157	1 192	236	3 572	507	171	16	243	43
Miscellaneous repair services	1 853	256	1 845	316	4 683	782	269	76	364	49
Business and repair services—allocated	1 533	694	1 037	473	3 466	1 576	445	383	225	121
Personal services										
Private households	8 873	18 987	6 803	10 957	22 851	47 995	1 539	3 276	2 181	5 569
Hotels and motels	601	8 177	355	3 658	2 044	18 563	158	1 235	506	2 472
Lodging places, except hotels and motels	1 074	847	817	711	3 529	3 797	221	234	339	452
Laundry, cleaning, and other garment services	147	346	63	109	316	816	23	49	67	141
Beauty shops	2 767	3 107	2 023	2 171	5 534	7 293	390	518	350	703
Barber shops	893	2 964	856	2 468	2 056	7 652	109	438	116	720
Shoe repair shops	1 427	81	1 172	49	3 638	162	308	4	360	34
Dressmaking shops	180	5	177	21	664	42	44	—	—	18
Miscellaneous personal services	66	219	40	129	79	427	5	14	—	70
Personal services—allocated	912	562	861	422	2 494	1 216	89	63	200	70
	816	2 679	459	1 219	2 497	8 017	192	721	198	684
Entertainment and recreation services										
Theaters and motion pictures	3 002	1 520	2 979	1 518	8 004	3 698	466	290	803	448
Bowling alleys, and billiard and pool parlors	1 011	476	1 374	673	2 408	1 096	143	111	142	60
Miscellaneous entertainment and recreation services	271	104	298	121	496	275	35	27	134	82
Entertainment and recreation services—allocated	1 453	786	1 045	606	4 006	1 904	213	90	444	267
	267	154	262	118	896	423	75	62	83	39
Professional and related services										
Health services	47 502	78 276	34 159	53 335	123 689	200 397	11 553	16 063	11 550	21 524
Offices of physicians	11 188	27 473	7 103	17 974	30 704	75 003	1 873	4 732	2 224	7 540
Offices of dentists	2 440	2 787	1 718	2 436	5 253	6 932	329	329	346	710
Offices of chiropractors	1 256	1 504	884	1 159	2 513	2 436	155	144	181	356
Hospitals	83	28	69	25	192	33	10	—	25	—
Convalescent institutions	5 726	18 526	3 217	11 482	18 107	52 158	957	3 107	1 368	5 053
Offices of health practitioners, n.e.c.	492	2 697	272	1 806	1 601	8 879	126	575	95	904
Health services, n.e.c.	312	176	270	112	737	372	26	32	44	14
Legal services	879	1 757	673	952	2 301	4 193	237	545	165	503
	3 257	2 701	1 896	1 845	5 249	5 463	259	216	383	475
Educational services	17 498	33 770	12 733	23 842	50 393	81 807	6 121	7 559	5 765	9 979
Elementary and secondary schools	12 711	27 627	9 227	20 133	31 762	64 304	2 350	5 180	3 424	7 787
Government	10 651	21 362	7 795	16 059	24 273	45 001	1 725	3 747	2 938	6 277
Private	2 060	6 265	1 432	4 074	7 489	19 303	625	1 433	486	1 510
Colleges and universities	1 913	1 687	1 010	889	3 736	3 454	3 458	1 833	2 166	1 668
Government	2 121	2 092	1 764	1 410	12 729	10 067	2 868	1 329	801	474
Private	320	1 488	184	848	675	1 810	93	163	37	236
Libraries	424	865	539	562	1 486	2 145	220	379	133	284
Educational services, n.e.c.	9	11	9	—	5	27	—	4	5	4
Not specified educational services	—	—	—	—	—	—	—	—	—	—
Museums, art galleries, and zoos	112	178	76	111	715	518	39	59	151	175
Religious organizations	2 102	1 468	1 617	1 124	5 961	4 753	396	305	619	357
Welfare services	1 180	2 649	654	1 183	2 246	5 240	209	471	218	586
Residential welfare facilities	393	128	46	131	333	874	5	72	27	66
Nonprofit membership organizations	1 793	1 234	1 252	1 089	3 775	3 570	376	300	453	418
Engineering and architectural services	3 630	918	3 202	522	7 700	1 538	494	103	611	100
Accounting, auditing, and bookkeeping services	2 701	1 138	2 758	1 423	4 958	2 174	236	93	281	156
Miscellaneous professional and related services	1 094	857	1 034	516	3 023	2 054	537	357	283	172
Professional and related services—allocated	2 714	5 762	1 788	3 575	8 632	17 403	1 008	1 796	535	1 500
Public administration										
Postal service	25 283	8 784	16 824	4 382	74 555	34 061	7 609	5 853	5 173	2 327
Federal public administration	6 234	1 232	5 389	656	16 942	2 846	1 056	172	1 183	298
State public administration	3 863	1 969	2 148	625	24 114	17 636	1 034	486	1 505	767
Local public administration	1 738	957	1 157	418	4 685	2 433	3 499	4 058	954	477
Public administration—allocated	12 023	4 136	7 317	2 395	25 405	8 834	1 716	696	1 421	673
	1 425	490	813	288	3 409	2 312	304	441	110	112

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970

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

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or percentage	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
Agriculture, forestry, and fisheries	22 587	20 288	2 184	869	22 114	13 526	5 927	2 661	976	2 185	5 312
Agriculture	21 540	19 325	2 103	863	21 067	13 007	5 498	2 562	949	2 095	5 080
Forestry and fisheries	1 047	963	81	6	1 047	519	429	99	27	90	232
Mining	3 851	3 587	252	17	3 822	2 948	743	131	133	350	254
Construction	155 363	141 182	13 750	1 410	153 618	89 724	53 365	10 529	3 542	8 327	13 195
Manufacturing	640 242	580 888	56 143	16 332	633 372	505 942	100 084	27 346	14 160	30 816	35 928
Durable goods	347 478	315 597	30 081	8 439	344 009	275 301	54 359	14 349	7 601	16 054	17 410
Logging	170	139	31	-	166	123	30	13	-	42	13
Sawmills, planing mills, and millwork	1 826	1 645	157	94	1 797	1 355	375	67	36	129	172
Miscellaneous wood products	1 581	1 386	189	96	1 538	1 080	339	119	12	82	127
Furniture and fixtures	7 436	6 631	761	567	7 301	5 432	1 321	548	127	355	486
Stone, clay, and glass products	26 308	23 831	2 378	789	26 103	20 416	4 409	1 278	479	1 002	1 524
Cement, concrete, gypsum, and plaster products	4 962	4 365	571	132	4 931	3 618	1 071	242	46	146	268
Primary iron and steel industries	13 279	11 025	2 199	281	13 190	10 237	2 481	472	526	764	831
Primary nonferrous industries	16 133	14 057	2 017	495	15 966	12 860	2 519	587	489	1 017	686
Fabricated metal industries, including not specified metal	44 281	40 280	3 747	1 366	43 860	34 930	7 039	1 891	730	1 645	2 285
Machinery, except electrical	61 092	58 182	2 635	1 120	60 608	50 046	8 280	2 282	971	2 222	2 414
Office, accounting, and computing machines	9 271	8 851	346	54	9 214	7 931	985	298	69	106	210
Electrical machinery, equipment, and supplies	81 636	76 124	4 973	1 526	80 989	67 608	10 499	2 882	1 527	3 154	2 791
Radio, television, and communication equipment	30 440	28 428	1 791	483	30 200	25 685	3 574	941	509	1 144	894
Motor vehicles and motor vehicle equipment	16 809	14 071	2 671	280	16 711	11 038	5 149	524	498	1 078	732
Aircraft and parts	10 524	10 022	451	101	10 448	8 934	1 352	162	309	650	409
Other transportation equipment	7 982	7 406	536	171	7 896	6 251	1 310	335	554	980	429
Professional and photographic equipment, and watches	13 498	12 885	554	145	13 450	11 346	1 598	506	210	486	578
Ordnance	5 501	5 277	203	35	5 476	5 000	373	103	96	226	223
Miscellaneous manufactures and durable goods—allocated	39 422	32 636	6 579	1 373	38 510	28 645	7 285	2 580	1 037	2 222	3 710
Non-durable goods	285 950	259 503	25 076	7 541	282 648	225 679	44 377	12 592	6 397	14 384	17 931
Meat products	2 611	2 124	482	185	2 574	1 991	459	124	47	173	203
Canning and preserving produce, seafoods, and beverages	13 440	11 643	1 699	485	13 311	10 210	2 470	631	388	856	970
Bakery products	7 562	6 852	695	360	7 435	5 864	1 201	370	208	352	453
Other food industries	16 111	14 993	1 069	397	15 988	13 285	2 049	654	356	881	801
Yarn, thread, and fabric mills	7 911	7 458	429	345	7 828	6 155	1 297	376	404	506	494
Other textile mill products	10 333	9 675	632	569	10 252	8 010	1 900	342	393	703	623
Apparel and other fabricated textile products	18 606	17 319	1 201	1 126	18 322	11 928	5 257	1 137	497	1 192	1 341
Paper and allied products	20 970	18 689	2 236	977	20 723	16 544	3 257	922	321	858	974
Printing, publishing, and allied industries	39 662	38 051	1 482	450	39 313	30 917	6 091	2 305	686	1 961	2 766
Chemicals and allied products	88 992	81 573	6 824	914	88 398	75 039	10 628	2 305	1 244	3 380	4 042
Petroleum and coal products	12 968	12 280	648	20	12 930	11 280	1 364	286	544	1 012	727
Rubber and miscellaneous plastic products	22 487	19 655	2 725	797	22 250	17 657	3 617	976	501	1 086	1 523
Footwear, except rubber	9 999	9 299	70	72	9 957	733	149	69	116	69	67
Other non-durable goods	23 298	18 262	4 884	844	22 367	16 066	4 638	1 663	739	1 308	2 947
Not specified manufacturing industries	6 814	5 788	986	352	6 715	4 962	1 348	405	162	378	587
Transportation, communications, and other public utilities ¹	171 880	154 985	16 149	1 524	170 123	132 675	30 422	6 976	4 626	10 370	10 570
Railroads and railway express service	13 555	12 565	979	53	13 465	11 009	2 175	281	1 194	2 043	798
Street railways and bus lines	12 486	11 236	1 213	109	12 351	9 186	2 741	424	325	923	711
Trucking service and warehousing	49 065	43 366	5 626	521	48 660	35 080	11 214	2 366	665	1 759	3 104
Water transportation	10 979	9 765	1 137	192	10 882	6 690	3 616	366	665	743	936
Air transportation	8 906	8 321	522	56	8 872	7 526	1 123	223	22	110	250
All other transportation	7 955	7 117	812	121	7 841	5 549	1 784	508	119	494	591
Communications	26 255	25 270	901	83	26 109	22 467	2 559	1 083	499	1 379	984
Electric and gas utilities	21 805	20 739	1 002	70	21 742	19 707	1 730	305	602	1 580	892
Water supply, sanitary services, and other utilities	9 494	7 803	1 847	91	9 624	7 825	1 377	422	353	651	853
Wholesale and retail trade	337 384	311 695	24 243	4 635	331 067	234 124	59 967	36 976	5 527	14 434	39 920
Wholesale trade	89 829	82 493	6 928	1 049	88 896	71 387	12 816	4 693	1 331	3 080	5 847
Food and farm products	17 883	15 938	1 877	382	17 700	14 166	2 596	938	311	890	1 385
Retail trade	247 555	229 202	17 315	3 584	242 171	162 737	47 151	32 283	4 196	11 554	34 073
Hardware, farm equipment, and building material retailing	11 327	10 695	603	57	11 203	8 237	2 045	921	233	426	885
General merchandise stores	25 802	23 803	1 894	240	25 292	16 992	4 600	3 700	461	1 022	4 117
Food stores	47 195	44 543	2 561	819	46 144	30 459	8 570	7 115	892	2 489	7 227
Motor vehicles and accessories retailing	23 913	21 959	1 881	250	23 732	18 325	3 885	1 522	284	672	1 220
Gasoline service stations	19 955	18 943	990	190	19 500	11 701	4 311	3 488	93	557	2 222
Apparel and accessories stores	12 383	11 681	673	95	12 211	8 205	2 330	1 676	271	682	1 781
Furniture, home furnishings, and equipment stores	14 714	13 856	834	120	14 474	10 602	2 617	1 255	215	513	1 067
Eating and drinking places	40 100	36 396	3 232	1 243	38 831	22 920	9 115	6 796	825	2 493	7 702
Drugstores	6 746	6 391	321	62	6 608	4 146	1 347	115	68	308	885
Other retail trade	45 420	40 935	4 326	510	44 176	31 150	8 331	4 695	854	2 392	6 967
Finance, insurance, and real estate	93 534	89 354	3 897	701	92 637	76 288	12 246	4 103	1 923	4 722	5 838
Banking and credit agencies	23 611	22 677	847	162	23 400	19 458	2 845	1 097	472	1 212	1 439
Insurance	33 907	32 762	1 043	127	33 668	29 054	3 584	1 030	696	1 253	1 241
Other finance and real estate	36 016	33 915	2 007	412	35 569	27 776	5 817	1 976	755	2 257	3 588
Business and repair services	81 197	73 458	7 267	1 071	80 072	60 589	13 561	5 922	932	2 723	5 841
Advertising	4 732	4 619	81	59	4 699	3 877	680	142	72	110	248
Commercial research, management, and programing services	12 983	12 408	480	58	12 872	10 637	1 637	598	37	210	493
Automobile services	17 479	15 191	2 212	372	17 170	12 490	3 228	1 452	203	601	1 280
Other business and repair services	46 003	41 240	4 494	582	45 331	33 585	8 016	3 730	620	1 802	3 820
Personal services	36 032	29 946	5 657	677	35 186	24 751	7 064	3 371	1 033	2 696	6 614
Private households	2 307	1 613	677	8	2 204	1 103	494	607	148	280	769
Hotels and lodging places	7 494	6 356	1 030	299	7 270	4 115	1 922	1 233	195	816	3 275
Laundry, cleaning, and other garment services	9 424	7 504	1 677	181	9 270	7 335	1 497	438	241	592	749
Barber and beauty shops	8 809	8 121	665	125	8 700	6 621	1 562	517	157	457	308
Other personal services	7 998	6 352	1 608	64	7 742	5 577	1 589	576	292	551	1 313
Entertainment and recreation services	13 890	12 869	967	191	13 551	6 940	3 803	2 808	300	1 213	7 276
Professional and related services	175 253	160 055	13 574	1 264	173 227	112 426	47 539	13 262	2 201	5 972	14 081
Health services	37 239	31 839	4 720	440	36 756	25 248	8 918	2 590	2 461	1 613	2 598
Educational services, government	51 083	47 321	3 535	175	50 743	25 644	21 107	3 992	575	1 370	3 413
Educational services, private	21 124	19 632	1 234	122	20 838	11 430	6 751	2 657	187	814	2 500
Welfare, religious, and nonprofit membership organizations	18 341	16 569	1 688	220	18 169	13 340	3 367	1 462	333	895	1 970
Other professional and related services	47 466	44 694	2 397	307	46 721						

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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
Agriculture, forestry, and fisheries	4 697	3 759	915	36	4 364	2 225	1 199	940	603	1 097	2 137
Agriculture	4 603	3 723	857	36	4 275	2 201	1 145	929	592	1 071	2 121
Forestry and fisheries	94	36	58	—	89	24	54	11	11	26	16
Mining	646	615	31	5	636	468	96	72	146	187	106
Construction	9 311	8 855	423	153	8 874	5 532	2 262	1 080	891	1 593	2 026
Manufacturing	317 410	276 443	39 275	8 720	305 391	173 369	93 917	38 105	33 775	68 158	56 340
Durable goods	134 296	113 500	20 128	3 073	129 612	80 727	33 966	14 919	14 050	28 732	23 656
Logging	34	21	13	—	34	26	—	—	5	—	—
Sawmills, planing mills, and millwork	302	259	38	—	296	151	108	37	15	81	150
Miscellaneous wood products	497	433	64	26	475	271	146	58	49	109	94
Furniture and fixtures	2 077	1 888	179	107	1 995	1 270	489	236	239	433	344
Stone, clay, and glass products	10 088	8 701	1 345	102	9 809	6 082	2 534	1 193	908	1 915	1 887
Cement, concrete, gypsum, and plaster products	563	530	28	6	546	397	93	56	39	148	108
Primary iron and steel industries	1 371	1 242	124	20	1 331	957	288	86	204	309	285
Primary nonferrous industries	3 072	2 782	285	95	3 023	1 996	706	321	311	582	396
Fabricated metal industries, including not specified metal	11 866	10 581	1 257	301	11 545	7 370	2 874	1 301	994	2 360	2 012
Machinery, except electrical	13 684	12 299	1 327	258	13 345	8 587	3 242	1 516	1 253	2 596	2 128
Office, accounting, and computing machines	3 258	2 891	356	59	3 192	1 975	719	498	284	720	483
Electrical machinery, equipment, and supplies	51 216	42 951	8 024	887	49 758	31 769	12 848	5 141	5 467	10 466	7 249
Radio, television, and communication equipment	15 149	12 359	2 774	273	14 669	9 827	3 524	1 318	1 717	3 371	1 934
Motor vehicles and motor vehicle equipment	2 829	2 415	404	66	2 736	1 656	783	297	378	576	372
Aircraft and parts	2 083	1 894	183	9	2 059	1 455	473	131	529	628	309
Other transportation equipment	674	627	47	6	674	529	105	40	127	246	122
Professional and photographic equipment, and watches	7 907	7 128	763	157	7 753	5 178	1 839	736	573	1 488	1 125
Ordnance	2 159	1 889	266	23	2 110	1 543	393	174	190	554	410
Miscellaneous manufactures and durable goods—allocated	24 437	18 390	5 809	1 016	22 669	11 887	7 130	3 652	2 808	6 389	6 773
Nondurable goods	179 851	160 224	18 612	5 501	172 708	90 858	59 050	22 800	19 381	38 652	32 013
Meat products	923	726	197	45	876	557	227	112	77	202	153
Canning and preserving produce, seafoods, and beverages	4 007	2 973	978	108	3 882	2 016	1 118	748	569	707	903
Bakery products	2 962	2 498	460	93	2 881	1 668	892	321	279	727	562
Other food industries	5 435	4 804	618	88	5 263	3 168	1 405	690	631	1 458	828
Yarn, thread, and fabric mills	4 579	4 365	199	168	4 420	2 651	1 234	535	851	1 431	787
Other textile mill products	6 179	5 705	437	194	5 941	2 937	2 246	758	843	1 398	1 233
Apparel and other fabricated textile products	59 598	53 340	5 806	2 810	57 759	21 918	28 672	7 169	6 295	12 406	9 184
Paper and allied products	7 448	6 600	826	229	7 230	4 440	1 971	819	799	1 759	1 402
Printing, publishing, and allied industries	22 891	21 789	1 007	209	22 281	13 474	5 362	3 451	2 315	4 705	4 431
Chemicals and allied products	33 635	30 821	2 612	367	32 681	21 504	7 182	3 995	2 953	6 562	5 117
Petroleum and coal products	2 233	2 114	114	6	2 215	1 655	554	206	1 344	442	532
Rubber and miscellaneous plastic products	9 927	8 108	1 774	301	9 471	5 592	2 353	1 344	784	2 084	2 059
Footwear, except rubber	727	640	75	96	727	356	231	73	155	218	187
Other nondurable goods	19 307	15 721	3 509	792	17 119	8 919	5 621	2 579	2 408	4 264	4 852
Not specified manufacturing industries	3 263	2 719	535	146	3 071	1 784	901	386	344	774	671
Transportation, communications, and other public utilities ¹	47 686	42 627	4 898	236	45 982	27 995	11 598	6 389	6 611	11 242	7 848
Railroads and railway express service	1 064	979	85	—	1 058	768	225	65	243	321	143
Street railways and bus lines	4 406	4 145	241	16	4 209	838	2 519	852	143	464	500
Trucking service and warehousing	6 031	5 672	336	42	5 830	3 538	1 378	914	392	1 242	1 028
Water transportation	843	757	79	11	815	532	176	107	186	224	163
Air transportation	3 177	2 898	263	7	3 119	2 153	708	258	360	663	452
All other transportation	2 751	2 491	246	15	2 667	1 598	688	381	174	512	420
Communications	22 232	19 395	2 781	91	21 428	13 977	4 439	3 012	4 049	5 994	3 707
Electric and gas utilities	3 301	2 975	315	14	3 284	2 565	473	212	428	880	396
Water supply, sanitary services, and other utilities	922	847	75	—	917	671	168	78	109	141	134
Wholesale and retail trade	231 461	216 473	14 068	1 733	219 174	108 234	61 340	49 600	22 378	55 540	69 935
Wholesale trade	31 367	29 202	1 990	270	30 226	18 907	7 123	4 196	3 289	6 683	6 203
Food and farm products	5 012	4 443	536	35	4 837	2 934	1 193	710	513	1 051	1 067
Retail trade	200 094	187 271	12 078	1 463	188 948	89 327	54 217	45 404	19 089	48 857	63 732
Hardware, farm equipment, and building material retailing	2 766	2 703	63	—	2 677	1 636	587	454	332	547	429
General merchandise stores	53 119	49 426	3 500	419	50 952	24 271	14 232	12 449	5 678	15 799	17 717
Food stores	30 459	29 065	1 340	181	28 854	14 014	7 495	7 525	2 600	6 527	8 652
Motor vehicles and accessories retailing	4 502	4 370	120	33	4 384	3 021	717	646	486	901	831
Gasoline service stations	1 020	967	53	—	949	586	198	165	66	120	196
Apparel and accessories stores	20 384	19 090	1 245	179	19 606	8 869	6 009	4 728	2 180	4 674	5 458
Furniture, home furnishings, and equipment stores	5 684	5 413	257	19	5 397	3 015	1 389	993	511	1 171	1 209
Eating and drinking places	40 972	38 412	2 294	216	38 535	15 486	13 080	9 969	3 197	10 571	15 291
Drugstores	5 576	5 358	212	12	5 280	2 239	1 434	417	1 063	1 675	1 675
Other retail trade	35 612	32 467	2 994	404	32 314	16 190	9 076	7 048	3 622	7 484	12 274
Finance, insurance, and real estate	82 779	76 689	5 792	504	80 282	53 803	15 870	10 609	11 667	19 852	13 659
Banking and credit agencies	30 509	28 737	1 654	219	29 914	20 657	5 376	3 881	4 234	7 310	5 160
Insurance	30 998	28 370	2 543	153	30 073	20 553	5 504	4 016	4 971	8 095	4 403
Other finance and real estate	21 272	19 582	1 595	132	20 295	12 593	4 990	2 712	2 462	4 447	4 096
Business and repair services	33 952	31 093	2 705	167	32 360	16 994	8 850	6 516	3 261	7 878	10 271
Advertising	2 560	2 482	72	6	2 471	1 483	615	373	668	743	618
Commercial research, management, and programing services	6 857	6 478	336	8	6 595	3 557	1 650	1 388	440	1 537	1 424
Automobile services	1 609	1 508	95	21	1 549	875	463	211	97	271	338
Other business and repair services	22 926	20 625	2 202	132	21 745	11 079	6 122	4 544	2 056	5 327	7 891
Personal services	64 739	40 619	23 508	737	60 845	29 407	19 096	12 342	6 840	17 693	19 023
Private households	22 287	9 751	12 369	92	21 164	9 035	7 021	5 108	2 317	6 332	5 490
Hotels and lodging places	7 731	6 247	1 455	81	7 404	3 286	2 150	1 968	936	2 735	5 285
Laundrying, cleaning, and other garment services	11 131	7 565	3 428	202	10 491	5 744	3 042	1 705	1 144	3 074	2 866
Barber and beauty shops	12 303	11 174	1 086	240	11 826	6 429	3 659	1 738	1 291	3 434	2 186
Other personal services	11 287	5 882	5 170	122	9 960	4 913	3 224	1 823	1 152	2 118	3 196
Entertainment and recreation services	6 834	6 465	364	34	6 503	2 512	2 072	1 919	739	1 669	4 232
Professional and related services	282 924	245 560	34 874	1 435	273 183	115 081	110 940	47 162	21 974	52 562	53 931
Health services	97 906	78 906	17 487	531	94 562	53 642	25 655	15 265	7 405	19 209	18 266
Educational services, government	91 314	83 089	7 765	300	89 289	20 053	52 893	16 343	6 808	16 971	16 894
Educational services, private	33 743	31 467	2 090	80	32 737	8 921	17 168	6 648	2 119	5 498	6 178
Welfare, religious, and nonprofit membership organizations	19 161	16 549	2 527	203	18 574	11 126	4 588	2 860	1 445	3 560	3 735
Other professional and related services	40 800	35 549	5 005	321	38 021	21 339	10 636	6 046	4 197	7 324	8 858
Public administration ¹	40 048	33 382	6 485	237	38 805</						

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

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

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

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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	145 368	143 834	1 288	911	143 884	111 303	24 232	8 349	3 713	7 512	14 539
Agriculture, forestry, and fisheries	3 041	2 993	41	33	2 985	2 347	391	247	100	194	545
Agriculture	3 000	2 952	41	33	2 944	2 306	391	247	95	194	533
Forestry and fisheries	41	41	-	-	41	41	-	-	5	-	12
Mining	1 005	1 005	-	-	996	748	193	55	36	91	113
Construction	11 302	11 203	79	51	11 211	6 674	3 877	660	321	641	1 618
Manufacturing	67 787	67 055	642	660	67 189	55 209	9 609	2 371	1 827	3 486	4 736
Durable goods	47 164	46 697	398	414	46 885	39 426	6 243	1 216	1 411	2 604	2 834
Logging	12	12	-	-	12	6	6	-	-	-	6
Sawmills, planing mills, and millwork	125	125	-	-	120	94	22	4	-	-	11
Miscellaneous wood products	91	91	-	-	91	85	6	-	-	-	4
Furniture and fixtures	776	766	5	39	771	593	128	50	5	24	59
Stone, clay, and glass products	3 547	3 531	16	14	3 532	2 892	580	60	238	432	326
Cement, concrete, gypsum, and plaster products	2 807	2 795	12	-	2 798	2 319	438	41	195	375	226
Primary iron and steel industries	16 985	16 754	202	235	16 918	14 509	1 975	434	601	1 105	991
Primary nonferrous industries	276	271	5	-	276	217	31	28	6	23	33
Fabricated metal industries, including not specified metal	5 508	5 457	40	23	5 488	4 623	761	104	143	252	382
Machinery, except electrical	6 052	6 000	46	17	6 004	5 142	752	110	173	204	314
Office, accounting, and computing machines	452	448	4	-	452	399	42	11	6	10	19
Electrical machinery, equipment, and supplies	5 489	5 467	10	34	5 457	4 388	874	195	56	64	146
Radio, television, and communication equipment	1 605	1 605	-	-	1 600	1 457	112	31	20	27	24
Motor vehicles and motor vehicle equipment	4 056	4 015	41	-	4 020	3 489	485	46	102	275	151
Aircraft and parts	24	24	-	-	24	24	-	-	-	5	26
Other transportation equipment	22	22	-	-	22	12	5	5	-	9	8
Professional and photographic equipment, and watches	460	460	-	-	455	423	23	9	-	14	18
Ordnance	193	193	-	-	193	178	15	-	-	5	11
Miscellaneous manufactures and durable goods—allocated	3 548	3 509	33	52	3 502	2 751	580	171	87	188	331
Nondurable goods	20 346	20 081	244	238	20 027	15 566	3 310	1 151	409	872	1 867
Meat products	511	494	17	-	511	442	57	12	28	18	68
Canning and preserving produce, seafoods, and beverages	405	402	3	-	399	321	61	17	11	9	58
Bakery products	589	589	-	-	584	521	41	22	25	49	35
Other food industries	1 999	1 991	3	20	1 994	1 643	268	83	14	48	76
Yarn, thread, and fabric mills	1 243	1 231	7	32	1 230	929	227	74	73	133	143
Other textile mill products	1 820	1 801	19	29	1 789	1 299	320	170	43	88	135
Apparel and other fabricated textile products	3 351	3 272	79	62	3 247	2 259	742	266	39	124	358
Paper and allied products	2 042	2 025	17	23	1 997	1 666	267	64	39	119	158
Printing, publishing, and allied industries	2 890	2 876	14	9	2 858	2 178	534	146	29	103	219
Chemicals and allied products	3 099	3 050	38	24	3 076	2 592	369	115	57	75	247
Petroleum and coal products	101	101	-	-	101	82	19	-	11	6	20
Rubber and miscellaneous plastic products	751	719	32	-	747	559	156	32	12	27	92
Footwear, except rubber	300	300	-	15	283	205	57	21	-	25	22
Other nondurable goods	1 245	1 230	15	24	1 191	870	192	129	28	46	236
Not specified manufacturing industries	277	277	-	8	277	217	56	4	7	10	35
Transportation, communications, and other public utilities	11 352	11 264	77	32	11 274	9 278	1 657	339	432	797	819
Railroads and railway express service	1 972	1 965	7	7	1 958	1 573	339	46	214	308	122
Street railways and bus lines	400	400	-	-	400	284	107	9	30	38	13
Trucking service and warehousing	3 374	3 345	23	6	3 365	2 614	640	111	40	134	188
Water transportation	43	43	-	8	43	29	14	-	10	-	7
Air transportation	236	236	-	-	236	208	17	11	-	16	5
All other transportation	359	359	-	-	359	250	73	36	10	29	41
Communications	1 306	1 301	-	-	1 292	1 093	148	51	14	28	73
Electric and gas utilities	2 366	2 361	5	-	2 355	2 237	99	19	53	168	140
Water supply, sanitary services, and other utilities	712	692	20	11	707	567	105	35	14	47	85
Wholesale and retail trade	22 664	22 496	162	46	22 358	17 028	3 114	2 216	386	945	2 814
Wholesale trade	5 729	5 673	50	5	5 685	4 697	705	283	74	190	350
Food and farm products	1 197	1 181	16	-	1 191	1 000	128	63	20	54	67
Retail trade	16 935	16 823	112	41	16 673	12 331	2 409	1 933	312	755	2 464
Hardware, farm equipment, and building material retailing	1 085	1 085	-	-	1 070	868	143	59	31	42	88
General merchandise stores	2 036	2 036	-	-	2 019	1 502	279	238	32	63	370
Food stores	2 984	2 968	16	16	2 951	2 240	383	328	105	166	395
Motor vehicles and accessories retailing	1 843	1 821	22	8	1 831	1 465	259	107	25	59	108
Gasoline service stations	1 647	1 639	8	5	1 612	1 029	314	269	6	47	206
Apparel and accessories stores	699	677	22	-	699	505	99	95	15	45	93
Furniture, home furnishings, and equipment stores	1 065	1 060	5	-	1 056	850	142	64	20	49	51
Eating and drinking places	2 469	2 457	12	12	2 356	1 513	424	419	37	147	594
Drugstores	379	379	-	-	379	266	44	69	5	20	55
Other retail trade	2 728	2 701	27	-	2 700	2 093	322	285	36	117	504
Finance, insurance, and real estate	3 867	3 841	26	28	3 850	3 202	456	192	103	221	338
Banking and credit agencies	1 261	1 248	13	6	1 261	1 070	143	48	13	86	94
Insurance	1 403	1 397	7	-	1 403	1 193	131	79	28	79	42
Other finance and real estate	1 203	1 196	7	22	1 186	939	182	65	62	56	202
Business and repair services	3 854	3 812	42	6	3 784	2 915	588	281	48	154	317
Advertising	76	76	-	-	76	51	20	5	-	10	-
Commercial research, management, and programing services	325	325	-	-	319	276	33	10	12	-	80
Automobile services	1 602	1 586	16	-	1 568	1 137	266	165	11	59	75
Other business and repair services	1 851	1 825	26	6	1 821	1 451	269	101	20	85	162
Personal services	2 382	2 356	26	14	2 313	1 697	389	227	76	190	559
Private households	170	159	11	-	160	68	46	46	16	10	95
Hotels and lodging places	586	586	-	7	557	392	94	71	36	80	319
Laundry, cleaning, and other garment services	566	558	8	7	555	445	77	33	5	46	68
Barber and beauty shops	609	609	-	-	609	480	114	15	10	22	-
Other personal services	451	444	7	-	432	312	58	62	9	32	77
Entertainment and recreation services	832	828	4	6	815	420	188	207	23	102	582
Professional and related services	12 631	12 377	142	35	12 517	7 761	3 336	1 420	214	451	1 251
Health services	2 557	2 467	47	7	2 531	1 745	570	216	41	100	241
Educational services, government	3 457	3 423	24	15	3 440	1 810	1 375	255	57	96	198
Educational services, private	2 852	2 787	33	-	2 826	1 618	798	410	26	75	298
Welfare, religious, and nonprofit membership organizations	1 652	1 632	11	13	1 634	1 139	270	225	46	90	188
Other professional and related services	2 113	2 068	27	-	2 086	1 449	323	314	44	90	326
Public administration ¹	4 605	4 558	47	-	4 592	4 024	434	134	147	240	847
Postal service	1 390	1 390	-	-	1 386	1 265	106	15	37	47	89
Federal public administration	409	409	-	-	409	356	36	17	31	62	234
State and local public administration	2 706	2 659	47	-	2 701	2 332	267	102	74	110	329
Unemployed persons, last worked 1959 or earlier ²	46	46	-	-	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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
Agriculture, forestry, and fisheries	370	370	-	-	359	201	59	99	50	115	143
Agriculture	370	370	-	-	359	201	59	99	50	115	143
Forestry and fisheries	-	-	-	-	-	-	-	-	-	-	-
Mining	68	68	-	-	68	56	5	7	6	11	-
Construction	560	560	-	-	531	356	84	91	60	113	138
Manufacturing	37 856	37 271	527	440	36 646	20 949	11 758	3 939	3 832	7 487	6 163
Durable goods	10 759	10 524	223	63	10 432	6 855	2 529	1 048	1 100	2 014	1 375
Logging	-	-	-	-	-	-	-	-	-	-	-
Sawmills, planing mills, and millwork	21	21	-	-	14	9	5	-	-	-	-
Miscellaneous wood products	23	23	-	-	19	15	4	-	7	9	-
Furniture and fixtures	203	203	-	8	198	109	42	47	10	7	20
Stone, clay, and glass products	465	465	-	-	457	314	117	26	48	79	74
Cement, concrete, gypsum, and plaster products	265	265	-	-	261	191	59	11	38	35	34
Primary iron and steel industries	1 495	1 490	5	-	1 466	1 177	184	105	239	299	149
Primary nonferrous industries	17	17	-	-	17	11	-	6	-	7	11
Fabricated metal industries, including not specified metal	1 103	1 048	55	15	1 078	704	292	82	94	232	182
Machinery, except electrical	613	599	14	-	607	436	110	61	76	172	96
Office, accounting, and computing machines	48	48	-	-	48	42	6	-	6	15	5
Electrical machinery, equipment, and supplies	4 528	4 391	125	-	4 392	2 692	1 210	490	385	762	383
Radio, television, and communication equipment	1 572	1 535	30	-	1 544	1 042	351	151	158	267	136
Motor vehicles and motor vehicle equipment	499	495	4	-	499	395	66	38	25	55	50
Aircraft and parts	5	24	-	-	19	10	9	-	9	37	11
Other transportation equipment	2	5	-	-	5	5	-	-	9	5	10
Professional and photographic equipment, and watches	236	233	3	26	221	135	64	22	12	24	41
Ordnance	43	43	-	-	39	29	10	-	11	9	49
Miscellaneous manufactures and durable goods—allocated	1 484	1 467	17	14	1 401	814	416	171	175	317	299
Nondurable goods	26 943	26 597	300	366	26 065	14 022	9 182	2 861	2 715	5 447	4 778
Meat products	63	63	-	-	56	38	8	10	14	11	5
Canning and preserving produce, seafoods, and beverages	160	160	-	-	151	125	22	4	17	19	60
Bakery products	104	104	-	-	104	88	11	5	9	19	25
Other food industries	719	688	27	-	703	398	181	124	140	157	119
Yarn, thread, and fabric mills	1 154	1 154	-	-	1 135	652	378	105	185	313	152
Other textile mill products	1 242	1 218	15	11	1 211	696	383	132	131	317	293
Apparel and other fabricated textile products	18 028	17 820	186	276	17 514	8 913	6 775	1 826	1 622	3 269	2 804
Paper and allied products	925	907	18	4	916	633	194	89	65	200	222
Printing, publishing, and allied industries	1 692	1 692	-	-	1 621	948	414	259	106	371	288
Chemicals and allied products	534	534	-	-	527	375	92	60	79	214	131
Petroleum and coal products	49	49	-	-	49	35	9	5	6	9	-
Rubber and miscellaneous plastic products	547	521	26	-	537	337	160	40	34	76	139
Footwear, except rubber	310	310	-	31	293	171	94	28	47	79	75
Other nondurable goods	1 416	1 377	28	44	1 248	613	461	174	260	371	465
Not specified manufacturing industries	154	150	4	11	149	72	47	30	17	26	10
Transportation, communications, and other public utilities¹	2 056	2 039	17	-	1 972	1 363	380	229	331	465	424
Railroads and railway express service	173	173	-	-	168	131	31	6	27	38	9
Street railways and bus lines	179	179	-	-	165	37	89	39	9	32	26
Trucking service and warehousing	329	329	-	-	310	191	47	72	27	36	75
Water transportation	-	-	-	-	-	-	-	-	-	-	-
Air transportation	25	25	-	-	25	14	6	5	23	13	14
All other transportation	72	72	-	-	67	37	21	9	-	10	53
Communications	652	645	7	-	632	457	115	60	158	204	119
Electric and gas utilities	496	492	4	-	486	414	44	28	72	102	64
Water supply, sanitary services, and other utilities	48	48	-	-	43	43	-	-	4	14	7
Wholesale and retail trade	16 766	16 665	73	29	16 034	8 625	4 142	3 267	1 677	4 174	4 904
Wholesale trade	1 470	1 464	6	12	1 465	885	382	198	138	329	288
Food and farm products	281	281	-	5	281	192	72	17	40	57	60
Retail trade	15 296	15 201	67	17	14 569	7 740	3 760	3 069	1 539	3 845	4 616
Hardware, farm equipment, and building material retailing	222	218	4	-	222	172	25	25	14	20	82
General merchandise stores	4 641	4 611	26	-	4 476	2 411	1 055	1 010	547	1 303	1 468
Food stores	2 185	2 167	18	11	2 073	1 222	460	391	239	515	547
Motor vehicles and accessories retailing	328	328	-	-	328	218	64	46	28	57	44
Gasoline service stations	125	125	-	-	125	90	9	26	5	20	18
Apparel and accessories stores	1 222	1 213	4	-	1 197	651	310	236	104	274	354
Furniture, home furnishings, and equipment stores	468	468	-	6	442	283	63	96	37	113	79
Eating and drinking places	3 612	3 593	5	-	3 417	1 113	817	298	899	1 159	99
Drugstores	480	474	6	-	443	220	133	90	63	163	99
Other retail trade	2 013	2 004	4	-	1 846	986	528	332	204	481	766
Finance, insurance, and real estate	3 359	3 354	5	5	3 313	2 290	534	489	352	805	569
Banking and credit agencies	1 816	1 816	-	5	1 794	1 243	278	273	218	401	289
Insurance	883	883	-	-	879	634	123	122	59	299	115
Other finance and real estate	660	655	5	-	640	413	133	94	75	105	165
Business and repair services	1 211	1 204	2	8	1 122	550	255	317	94	322	456
Advertising	78	78	-	-	78	35	26	17	9	8	36
Commercial research, management, and programing services	169	169	-	-	158	76	33	49	9	40	23
Automobile services	113	113	-	-	107	61	33	13	9	21	30
Other business and repair services	851	844	2	8	779	378	163	238	67	253	367
Personal services	5 056	4 843	197	5	4 830	2 429	1 395	1 006	496	1 361	1 325
Private households	1 593	1 440	153	-	1 502	650	451	401	221	460	346
Hotels and lodging places	963	925	32	-	937	468	235	234	84	264	439
Laundering, cleaning, and other garment services	780	780	-	5	755	443	211	101	108	288	240
Barber and beauty shops	1 232	1 227	1	-	1 198	651	358	189	49	223	120
Other personal services	488	471	12	-	438	217	140	81	34	126	180
Entertainment and recreation services	379	378	1	-	366	163	99	104	35	175	478
Professional and related services	20 603	20 304	264	30	19 863	9 028	7 535	3 300	1 748	3 886	4 268
Health services	8 131	7 969	138	26	7 778	4 750	1 822	1 206	752	1 649	1 625
Educational services, government	5 385	5 331	46	-	5 233	1 246	3 147	840	476	1 071	1 098
Educational services, private	3 533	3 497	31	4	3 442	1 170	1 637	635	181	479	528
Welfare, religious, and nonprofit membership organizations	1 489	1 456	33	-	1 479	815	410	254	115	313	408
Other professional and related services	2 065	2 051	14	-	1 931	1 047	519	365	224	374	609
Public administration²	1 275	1 214	47	-	1 236	792	269	175	224	321	373
Postal service	132	128	4	-	132	94	4	34	35	41	45
Federal public administration	182	176	6	-	166	101	36	29	75	103	78
State and local public administration	921	878	37	-	903	583	225	95	108	168	239
Unemployed persons, last worked 1959 or earlier ²	152	152	-	-	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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
Agriculture, forestry, and fisheries	384	275	102	21	376	221	102	53	39	86	140
Agriculture	368	259	102	21	360	211	96	53	39	82	135
Forestry and fisheries	16	16	-	-	16	10	6	-	-	4	5
Mining	143	138	5	-	138	115	18	5	4	7	20
Construction	9 552	8 879	646	223	9 359	4 953	3 659	747	315	651	909
Manufacturing	54 940	50 440	4 025	3 437	54 029	39 392	11 605	3 032	1 186	2 703	3 229
Durable goods	26 110	24 029	1 812	1 402	25 729	19 101	5 244	1 384	683	1 331	1 311
Logging	32	20	12	-	32	28	4	-	-	5	-
Sawmills, planing mills, and millwork	249	241	-	22	241	159	58	24	-	10	6
Miscellaneous wood products	104	96	8	-	104	85	19	-	-	4	13
Furniture and fixtures	1 005	924	68	137	986	731	161	94	14	31	24
Stone, clay, and glass products	1 081	986	89	119	1 069	802	176	91	11	27	72
Cement, concrete, gypsum, and plaster products	225	206	19	6	225	147	60	18	-	-	17
Primary iron and steel industries	867	682	179	13	854	629	210	15	39	54	75
Primary nonferrous industries	1 190	1 056	122	39	1 171	870	251	50	55	50	45
Fabricated metal industries, including not specified metal	3 885	3 567	258	243	3 824	2 897	782	145	122	165	211
Machinery, except electrical	3 712	3 520	141	111	3 682	2 681	850	151	72	163	110
Office, accounting, and computing machines	299	284	8	-	299	226	49	24	10	4	10
Electrical machinery, equipment, and supplies	7 145	6 657	423	405	7 054	5 497	1 230	327	89	238	259
Radio, television, and communication equipment	3 620	3 381	207	158	3 570	2 796	605	169	13	123	83
Motor vehicles and motor vehicle equipment	1 103	1 000	103	20	1 103	746	315	42	45	112	56
Aircraft and parts	290	290	-	6	290	216	70	4	14	23	6
Other transportation equipment	632	595	37	41	627	364	212	51	45	97	51
Professional and photographic equipment, and watches	591	554	33	6	586	465	86	35	20	37	52
Ordnance	39	30	9	-	39	25	8	6	-	-	5
Miscellaneous manufactures and durable goods—allocated	4 185	3 811	330	240	4 067	2 906	812	349	157	315	326
Nondurable goods	28 053	25 710	2 140	2 164	27 537	19 798	6 154	1 585	473	1 326	1 859
Meat products	541	480	61	54	536	429	80	27	16	11	47
Canning and preserving produce, seafoods, and beverages	928	895	21	46	920	712	177	31	16	54	28
Bakery products	690	671	19	18	680	492	157	31	16	31	58
Other food industries	2 691	2 504	175	101	2 659	2 056	473	130	70	141	138
Yarn, thread, and fabric mills	1 111	1 058	41	99	1 085	743	249	93	35	40	66
Other textile mill products	1 440	1 364	73	210	1 411	951	388	72	17	67	25
Apparel and other fabricated textile products	4 185	3 922	221	490	4 104	2 527	1 280	297	53	133	286
Paper and allied products	2 316	2 012	292	384	2 276	1 759	420	97	42	69	68
Printing, publishing, and allied industries	3 443	3 275	150	101	3 414	2 371	810	233	25	221	248
Chemicals and allied products	5 164	4 734	385	181	5 119	4 024	904	191	57	171	252
Petroleum and coal products	776	751	25	6	776	641	118	17	71	131	97
Rubber and miscellaneous plastic products	1 136	1 041	69	164	1 106	838	208	60	4	51	79
Footwear, except rubber	213	209	4	33	197	141	39	17	6	26	9
Other nondurable goods	3 419	2 794	604	277	3 254	2 114	851	289	45	180	458
Not specified manufacturing industries	777	701	73	71	763	493	207	63	30	46	59
Transportation, communications, and other public utilities ¹	23 697	21 811	1 801	545	23 376	16 725	5 444	1 207	735	1 461	1 896
Railroads and railway express service	2 984	2 703	281	27	2 968	2 348	543	77	225	377	145
Street railways and bus lines	1 630	1 477	153	28	1 615	1 198	348	69	26	51	93
Trucking service and warehousing	9 053	8 263	770	254	8 972	6 195	2 229	548	124	330	691
Water transportation	2 490	2 350	127	45	2 475	1 399	942	134	147	214	288
Air transportation	720	650	63	16	712	580	125	7	5	7	19
All other transportation	1 147	1 118	29	38	1 136	811	238	87	27	63	66
Communications	1 633	1 579	46	10	1 613	1 284	244	85	24	75	86
Electric and gas utilities	1 030	982	48	15	1 023	913	91	19	13	87	108
Water supply, sanitary services, and other utilities	866	757	100	19	861	690	151	20	32	97	71
Wholesale and retail trade	27 409	25 233	1 920	1 405	26 770	18 140	6 063	2 567	475	1 256	2 928
Wholesale trade	7 958	7 252	639	374	7 846	5 779	1 531	536	110	329	576
Food and farm products	1 970	1 854	111	135	1 950	1 510	333	107	31	69	86
Retail trade	19 451	17 981	1 281	1 031	18 924	12 361	4 532	2 031	365	927	2 352
Hardware, farm equipment, and building material retailing	573	523	50	27	573	378	169	26	11	15	57
General merchandise stores	1 631	1 532	76	83	1 577	1 001	380	196	37	42	173
Food stores	4 391	4 211	156	183	4 277	2 822	853	602	59	278	639
Motor vehicles and accessories retailing	1 096	986	110	52	1 096	797	206	93	6	26	43
Gasoline service stations	1 082	1 008	71	68	1 044	640	264	140	14	27	136
Apparel and accessories stores	1 088	1 010	70	33	1 071	651	290	130	31	85	174
Furniture, home furnishings, and equipment stores	950	901	42	49	921	571	254	96	27	26	94
Eating and drinking places	4 118	3 882	159	318	4 032	2 700	1 015	317	76	182	370
Drug stores	460	422	23	19	455	265	117	73	-	42	48
Other retail trade	4 062	3 506	524	199	3 878	2 536	984	358	104	204	618
Finance, insurance, and real estate	9 444	9 009	370	175	9 293	7 035	1 671	607	129	390	682
Banking and credit agencies	3 146	2 967	142	43	3 106	2 228	633	245	21	82	245
Insurance	1 984	1 923	48	33	1 965	1 586	294	85	25	68	81
Other finance and real estate	4 314	4 119	180	99	4 222	3 201	744	277	83	240	356
Business and repair services	6 482	5 785	661	349	6 347	4 360	1 506	481	79	326	502
Advertising	314	310	4	-	314	215	81	18	13	14	10
Commercial research, management, and programming services	501	487	4	33	496	364	109	23	-	10	22
Automobile services	1 521	1 338	177	93	1 500	1 018	394	88	16	53	95
Other business and repair services	4 146	3 650	476	223	4 037	2 763	922	352	50	249	375
Personal services	3 832	3 256	525	188	3 747	2 615	870	262	85	221	471
Private households	87	73	14	-	77	39	15	23	-	20	36
Hotels and lodging places	629	576	42	44	609	377	163	69	5	59	167
Laundering, cleaning, and other garment services	1 257	1 035	188	93	1 224	911	266	47	32	45	87
Barber and beauty shops	859	798	61	30	859	545	247	67	9	60	22
Other personal services	1 000	774	220	21	978	743	179	56	39	37	159
Entertainment and recreation services	941	841	89	34	899	469	245	185	10	77	381
Professional and related services	12 058	11 024	839	322	11 837	7 215	3 446	1 176	179	424	994
Health services	2 632	2 284	258	120	2 574	1 665	701	208	54	155	181
Educational services, government	2 799	2 600	184	36	2 784	1 374	1 118	276	17	56	217
Educational services, private	1 564	1 470	63	53	1 537	678	519	340	7	74	205
Welfare, religious, and nonprofit membership organizations	1 556	1 422	134	50	1 540	1 153	302	85	16	48	110
Other professional and related services	3 507	3 248	200	63	3 418	2 345	806	267	85	91	281
Public administration ²	10 726	9 719	951	202	10 652	8 747	1 371	534	267	597	1 095
Postal service	2 781	2 263	506	125	2 752	2 002	467	283	38	108	270
Federal public administration	1 267	1 142	99	23	1 253	1 029	199	25	39	201	300
State and local public administration	5 851	5 634	204	54	5 834	5 113	550	171	129	254	333
Unemployed persons, last worked 1959 or earlier ²	71	71	-	-	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately.

²See text for explanation.

Table 185. **Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued**

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

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

JERSEY CITY SMSA—Continued

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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	106 960	96 076	9 979	3 505	102 551	57 198	31 415	13 938	7 082	17 324	17 575
Agriculture, forestry, and fisheries	139	80	59	7	124	64	8	52	34	28	38
Agriculture	139	80	59	7	124	64	8	52	34	28	38
Forestry and fisheries	-	-	-	-	-	-	-	-	-	-	-
Mining	83	77	6	-	78	69	4	5	-	10	8
Construction	669	638	27	28	649	394	131	124	30	72	103
Manufacturing	39 372	35 919	3 216	2 051	37 759	20 231	12 842	4 686	2 660	6 258	5 420
Durable goods	12 013	10 663	1 280	448	11 624	7 304	3 015	1 305	1 002	2 269	1 504
Logging	19	10	9	-	19	14	5	-	-	-	5
Sawmills, planing mills, and millwork	15	15	-	-	15	5	5	5	-	-	-
Miscellaneous wood products	23	23	-	6	23	23	-	-	11	17	-
Furniture and fixtures	326	284	32	-	307	216	50	41	28	59	60
Stone, clay, and glass products	572	429	143	6	555	374	138	43	26	55	53
Cement, concrete, gypsum, and plaster products	38	38	-	-	38	23	15	-	-	11	-
Primary iron and steel industries	123	113	5	-	119	82	18	19	9	24	27
Primary nonferrous industries	342	312	30	24	338	226	82	30	35	17	21
Fabricated metal industries, including not specified metal	786	729	57	47	761	473	183	105	63	203	121
Machinery, except electrical	821	777	44	22	809	527	195	87	68	152	72
Office, accounting, and computing machines	178	142	36	5	178	118	28	32	10	4	23
Electrical machinery, equipment, and supplies	5 479	5 047	426	160	5 363	3 522	1 358	483	425	856	456
Radio, television, and communication equipment	2 609	2 328	281	93	2 562	1 802	557	203	213	393	183
Motor vehicles and motor vehicle equipment	171	157	14	6	162	107	40	15	16	23	51
Aircraft and parts	75	75	-	-	75	52	23	-	12	11	15
Other transportation equipment	26	19	7	-	26	26	-	-	5	27	-
Professional and photographic equipment, and watches	321	287	28	13	301	139	100	62	13	88	88
Ordnance	33	33	-	-	33	24	9	-	-	7	-
Miscellaneous manufactures and durable goods—allocated	2 881	2 353	485	164	2 718	1 494	809	415	291	730	535
Nondurable goods	26 788	24 782	1 839	1 574	25 611	12 646	9 666	3 299	1 818	3 927	3 826
Meat products	185	169	16	-	178	131	33	14	10	40	4
Canning and preserving produce, seafoods, and beverages	293	280	13	-	288	138	123	27	30	17	59
Bakery products	199	181	18	12	199	88	90	21	6	22	28
Other food industries	1 146	1 073	70	55	1 121	739	274	108	92	195	117
Yarn, thread, and fabric mills	907	889	14	55	894	482	290	122	85	173	70
Other textile mill products	1 610	1 523	78	97	1 547	629	703	215	141	205	259
Apparel and other fabricated textile products	12 160	11 291	773	793	11 692	4 546	5 559	1 587	702	1 636	1 598
Paper and allied products	948	854	94	51	918	592	223	103	67	191	158
Printing, publishing, and allied industries	1 949	1 867	70	102	1 926	1 217	488	221	111	262	273
Chemicals and allied products	2 378	2 176	173	74	2 320	1 637	487	196	145	354	235
Petroleum and coal products	165	157	4	-	161	116	35	10	25	28	8
Rubber and miscellaneous plastic products	539	501	38	29	526	290	164	72	39	53	63
Footwear, except rubber	89	89	-	-	89	39	26	-	4	33	4
Other nondurable goods	4 220	3 732	478	306	3 776	2 002	1 171	603	361	718	950
Not specified manufacturing industries	571	474	97	29	524	281	161	82	40	62	90
Transportation, communications, and other public utilities¹	6 088	5 478	575	101	5 884	3 838	1 387	659	403	1 113	1 040
Railroads and railway express service	213	213	-	-	213	151	53	9	14	30	33
Street railways and bus lines	137	133	4	-	137	89	34	14	8	33	10
Trucking service and warehousing	1 370	1 305	54	13	1 308	708	388	212	39	183	216
Water transportation	312	305	-	11	301	198	81	32	26	30	47
Air transportation	273	247	26	-	267	215	52	-	30	31	31
All other transportation	432	361	66	-	427	284	79	64	16	51	53
Communications	2 608	2 248	353	51	2 538	1 730	535	273	243	538	467
Electric and gas utilities	243	230	13	8	238	196	20	22	-	20	25
Water supply, sanitary services, and other utilities	72	72	-	-	72	52	20	-	4	21	5
Wholesale and retail trade	17 155	16 155	941	488	16 429	8 606	4 927	2 896	1 231	3 521	4 146
Wholesale trade	3 658	3 448	208	76	3 561	2 130	951	480	232	492	602
Food and farm products	620	585	35	21	610	369	180	61	37	86	107
Retail trade	13 497	12 707	733	412	12 868	6 476	3 976	2 416	999	3 029	3 544
Hardware, farm equipment, and building material retailing	81	77	4	-	81	61	14	6	5	29	14
General merchandise stores	3 100	2 942	142	73	3 038	1 528	938	572	205	781	752
Food stores	2 152	2 050	98	30	2 041	929	663	449	123	403	607
Motor vehicles and accessories retailing	214	214	-	-	196	146	23	27	23	25	41
Gasoline service stations	47	41	6	-	47	32	-	15	-	4	9
Apparel and accessories stores	2 038	1 926	92	86	1 941	972	582	387	116	411	361
Furniture, home furnishings, and equipment stores	292	282	10	8	286	159	96	31	40	55	100
Eating and drinking places	2 438	2 301	120	76	2 329	1 134	789	406	179	598	647
Drugstores	279	253	26	-	279	112	83	84	15	73	72
Other retail trade	2 856	2 621	235	139	2 630	1 403	788	439	293	650	941
Finance, insurance, and real estate	11 809	10 885	839	191	11 417	8 038	2 099	1 280	923	1 965	1 667
Banking and credit agencies	4 527	4 133	365	87	4 417	3 114	817	486	369	750	585
Insurance	3 702	3 526	157	44	3 606	2 642	560	404	286	734	484
Other finance and real estate	3 580	3 226	317	60	3 394	2 282	722	390	268	481	598
Business and repair services	3 463	3 261	191	65	3 368	1 871	936	561	166	429	752
Advertising	388	382	-	-	377	261	76	40	26	34	36
Commercial research, management, and programing services	364	352	12	-	358	185	97	76	-	47	57
Automobile services	227	215	12	17	227	120	68	39	-	20	23
Other business and repair services	2 484	2 312	167	48	2 406	1 305	695	406	140	328	636
Personal services	4 954	3 342	1 575	216	4 569	2 400	1 400	719	469	1 148	1 100
Private households	814	504	304	8	755	330	264	161	142	247	229
Hotels and lodging places	547	425	122	34	543	365	120	58	46	159	190
Laundering, cleaning, and other garment services	1 281	911	370	64	1 204	734	348	122	116	290	245
Barber and beauty shops	986	910	71	68	912	448	302	162	62	202	98
Other personal services	1 326	592	708	42	1 155	573	366	216	103	250	338
Entertainment and recreation services	538	518	20	7	501	229	150	122	17	140	249
Professional and related services	19 421	16 870	2 132	282	18 838	9 576	6 765	2 497	769	2 183	2 538
Health services	6 849	5 488	1 056	111	6 631	4 068	1 695	868	267	857	837
Educational services, government	5 079	4 641	397	40	5 012	1 693	2 679	640	196	512	608
Educational services, private	2 184	2 028	146	23	2 135	706	1 059	370	42	186	239
Welfare, religious, and nonprofit membership organizations	1 429	1 291	114	59	1 404	872	375	157	58	177	249
Other professional and related services	3 880	3 422	419	49	3 656	2 237	957	462	206	451	605
Public administration¹	3 054	2 656	380	62	2 935	1 832	766	337	180	457	514
Postal service	350	219	131	-	338	124	56	21	7	76	76
Federal public administration	684	533	133	7	660	505	113	42	52	142	76
State and local public administration	1 666	1 581	85	41	1 625	988	445	192	66	189	291
Unemployed persons, last worked 1959 or earlier²	215	197	18	7	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970 - Continued

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

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

NEWARK SMSA

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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	481 205	407 105	71 557	7 597	474 134	352 146	91 587	30 401	9 373	22 552	39 277
Agriculture, forestry, and fisheries	3 423	2 972	447	71	3 344	1 717	1 099	528	110	346	771
Agriculture.....	3 365	2 914	447	71	3 286	1 678	1 080	528	110	346	767
Forestry and fisheries.....	58	58	-	-	58	39	19	-	-	-	4
Mining	628	533	91	9	628	517	103	8	48	55	17
Construction	35 977	30 377	5 493	337	35 408	20 060	12 907	2 441	858	1 859	3 224
Manufacturing	173 676	144 785	27 878	4 638	171 462	136 000	27 983	7 419	3 727	8 015	9 453
Durable goods.....	100 231	83 604	16 080	2 848	98 918	78 219	16 489	4 210	2 199	4 651	5 047
Logging.....	19	14	5	-	15	15	-	-	-	9	39
Sawmills, planing mills, and millwork.....	331	248	78	17	331	220	102	9	26	51	39
Miscellaneous wood products.....	503	382	115	47	477	341	108	28	18	36	39
Furniture and fixtures.....	2 254	1 818	425	136	2 164	1 660	391	113	73	140	151
Stone, clay, and glass products.....	2 787	2 255	527	104	2 742	2 105	429	208	18	93	147
Cement, concrete, gypsum, and plaster products.....	894	646	248	26	889	686	171	32	5	39	15
Primary iron and steel industries.....	3 348	2 340	990	98	3 307	2 455	692	160	133	176	168
Primary nonferrous industries.....	5 132	3 905	1 211	217	5 070	4 000	872	198	113	338	191
Fabricated metal industries, including not specified metal.....	14 539	12 247	2 207	512	14 359	11 357	2 418	584	225	454	777
Machinery, except electrical.....	18 373	16 686	1 614	395	18 210	14 851	2 624	735	375	713	786
Offices, accounting, and computing machines.....	2 571	2 372	185	21	2 555	2 193	3 275	87	35	39	66
Electrical machinery, equipment, and supplies.....	25 241	22 057	2 979	563	25 016	20 715	3 484	865	637	1 076	901
Radio, television, and communication equipment.....	9 103	7 864	1 168	236	9 037	7 607	1 100	302	142	297	283
Motor vehicles and motor vehicle equipment.....	5 074	3 287	1 767	122	5 017	3 107	1 706	204	162	353	216
Aircraft and parts.....	2 319	2 089	213	26	2 305	1 966	300	39	38	129	91
Other transportation equipment.....	400	275	91	14	394	298	85	11	36	53	57
Professional and photographic equipment, and watches.....	3 050	2 775	272	78	3 040	2 514	412	114	24	160	149
Ordnance.....	3 272	3 143	108	6	3 259	3 058	141	60	76	148	128
Miscellaneous manufactures and durable goods - allocated.....	13 589	10 049	3 478	527	13 212	9 557	2 773	882	263	722	1 207
Nondurable goods	71 126	59 498	11 176	1 672	70 199	56 078	11 064	3 057	1 486	3 242	4 220
Meat products.....	668	356	307	7	658	490	152	16	11	63	60
Canning and preserving produce, seafoods, and beverages.....	4 002	3 511	478	60	3 971	3 018	776	177	131	304	203
Bakery products.....	2 314	1 845	459	90	2 268	1 734	376	158	36	89	110
Other food industries.....	3 525	3 030	484	129	3 479	2 919	446	114	48	167	168
Yarn, thread, and fabric mills.....	1 219	1 031	188	79	1 211	994	170	47	64	42	96
Other textile mill products.....	1 222	999	214	110	1 217	995	195	27	40	50	60
Apparel and other fabricated textile products.....	3 094	2 746	345	140	3 050	2 153	714	183	102	233	256
Paper and allied products.....	4 416	3 431	980	180	4 338	3 295	813	230	72	135	226
Printing, publishing, and allied industries.....	8 977	8 258	671	143	8 885	6 931	1 446	508	145	405	586
Chemicals and allied products.....	25 652	21 641	3 739	319	25 383	21 300	3 286	797	323	955	1 145
Petroleum and coal products.....	3 924	3 652	267	6	3 916	3 429	393	94	182	273	181
Rubber and miscellaneous plastic products.....	5 712	4 629	1 067	215	5 670	4 463	935	272	87	191	418
Footwear, except rubber.....	114	78	36	-	108	73	24	11	12	16	23
Other nondurable goods.....	6 287	4 291	1 961	194	6 045	4 284	1 338	423	233	319	680
Not specified manufacturing industries.....	2 319	1 683	622	118	2 285	1 703	430	152	42	122	186
Transportation, communications, and other public utilities	41 248	33 262	7 845	370	40 743	31 322	7 548	1 873	1 095	2 370	2 603
Railroads and railway express service.....	2 323	2 040	278	7	2 299	1 878	364	57	235	358	177
Street railways and bus lines.....	2 760	2 146	604	18	2 709	2 055	551	103	114	201	243
Trucking service and warehousing.....	11 199	8 307	2 867	93	11 044	7 724	2 754	566	132	460	789
Water transportation.....	3 121	2 372	736	101	3 102	1 918	998	186	63	90	204
Air transportation.....	2 443	2 077	351	13	2 432	2 034	301	97	-	30	91
All other transportation.....	1 951	1 545	400	15	1 896	1 179	573	144	32	169	107
Communications.....	7 036	6 551	461	45	6 988	5 992	673	323	154	385	212
Electric and gas utilities.....	5 463	4 990	457	23	5 434	4 841	518	75	147	359	192
Water supply, sanitary services, and other utilities.....	2 368	1 562	796	31	2 340	1 905	336	99	62	154	209
Wholesale and retail trade	86 397	74 350	11 732	1 063	84 683	59 957	15 644	9 082	1 523	3 901	10 418
Wholesale trade.....	25 275	21 513	3 705	244	24 968	19 998	3 663	1 307	378	840	1 798
Food and farm products.....	5 019	3 904	1 089	91	4 921	3 945	698	278	73	237	365
Retail trade.....	61 122	52 837	8 027	819	59 715	39 959	11 981	7 775	1 145	3 061	8 620
Hardware, farm equipment, and building material retailing.....	2 495	2 253	237	17	2 480	1 779	496	205	52	89	217
General merchandise stores.....	6 477	5 453	1 003	47	6 342	4 227	1 252	863	108	285	1 111
Food stores.....	12 200	10 796	1 373	270	11 881	7 543	2 263	2 075	228	655	1 883
Motor vehicles and accessories retailing.....	5 371	4 537	820	57	5 327	4 179	839	309	91	165	291
Gasoline service stations.....	4 239	3 803	431	40	4 149	2 374	1 059	716	27	132	468
Apparel and accessories stores.....	3 452	3 109	331	20	3 375	2 270	633	272	85	205	486
Furniture, home furnishings, and equipment stores.....	3 869	3 485	384	7	3 798	2 884	628	486	50	168	311
Eating and drinking places.....	9 567	7 987	1 432	283	9 279	5 725	2 102	1 452	233	710	1 689
Drug stores.....	1 817	1 665	147	-	1 794	1 122	389	283	15	63	338
Other retail trade.....	11 635	9 749	1 869	78	11 290	7 856	2 320	1 114	256	589	1 826
Finance, insurance, and real estate	28 851	26 617	2 165	162	28 559	23 563	3 766	1 230	539	1 289	1 756
Banking and credit agencies.....	6 435	5 967	458	33	6 356	5 215	848	293	106	306	371
Insurance.....	11 924	11 178	714	41	11 834	10 061	1 323	450	238	445	455
Other finance and real estate.....	10 492	9 472	993	88	10 369	8 287	1 595	487	195	538	930
Business and repair services	24 419	20 516	3 737	306	24 076	18 193	4 022	1 861	222	867	1 655
Advertising.....	1 504	1 452	48	27	1 487	1 211	237	39	32	36	81
Commercial research, management, and programing services.....	3 387	3 129	234	7	3 343	2 654	465	224	6	44	114
Automobile services.....	4 796	3 591	1 184	128	4 726	3 405	874	447	45	152	363
Other business and repair services.....	14 732	12 344	2 271	144	14 520	10 923	2 446	1 151	139	635	1 097
Personal services	9 146	6 952	2 035	180	8 917	6 439	1 723	755	308	681	1 847
Private households.....	643	373	270	-	624	301	161	162	20	104	265
Hotels and lodging places.....	1 312	1 082	190	95	1 263	792	260	211	37	119	833
Laundering, cleaning, and other garment services.....	2 821	1 959	759	29	2 780	2 215	453	112	80	183	222
Barber and beauty shops.....	2 320	2 031	285	48	2 299	1 728	406	165	69	110	134
Other personal services.....	2 050	1 507	531	8	1 951	1 403	443	105	102	165	393
Entertainment and recreation services	3 241	2 826	403	57	3 146	1 633	872	641	92	327	1 592
Professional and related services	48 250	41 850	5 946	258	47 705	31 020	13 049	3 636	457	1 653	3 824
Health services.....	11 345	8 945	2 167	111	11 244	7 706	2 834	704	100	530	834
Educational services, government.....	13 109	11 540	1 541	20	13 042	6 403	5 561	1 078	148	437	798
Educational services, private.....	4 822	4 253	522	11	4 726	2 359	1 694	673	29	165	671
Welfare, religious, and nonprofit membership organizations.....	5 255	4 484	733	50	5 188	3 857	841	490	69	174	539
Other professional and related services.....	13 719	12 628	983	66	13 305	10 695	2 119	691	111	347	982</

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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
Agriculture, forestry, and fisheries	798	595	203	8	738	388	197	153	107	219	280
Agriculture	798	595	203	8	738	388	197	153	107	219	275
Forestry and fisheries	—	—	—	—	—	—	—	—	—	—	5
Mining	129	120	9	5	124	85	32	7	31	50	21
Construction	2 122	1 933	183	46	2 071	1 309	550	212	173	373	501
Manufacturing	86 917	67 268	19 204	2 123	83 474	49 659	24 147	9 668	8 140	17 445	15 212
Durable goods	45 239	33 196	11 835	1 239	43 600	27 051	11 858	4 691	3 988	8 708	8 096
Logging	9	5	4	—	9	—	—	—	—	—	—
Sawmills, planing mills, and millwork	63	58	5	—	63	28	23	12	—	21	34
Miscellaneous wood products	179	147	32	—	166	107	33	26	4	30	22
Furniture and fixtures	651	536	115	12	636	404	160	72	63	153	92
Stone, clay, and glass products	909	761	148	49	885	534	248	103	67	170	214
Cement, concrete, gypsum, and plaster products	93	72	21	—	88	73	9	6	9	34	13
Primary iron and steel industries	339	271	68	—	322	243	67	12	44	96	66
Primary nonferrous industries	1 090	927	158	38	1 080	689	263	128	75	131	112
Fabricated metal industries, including not specified metal	4 629	3 916	708	131	4 509	3 027	999	483	309	765	805
Machinery, except electrical	4 473	3 640	817	77	4 391	2 872	1 068	451	372	817	620
Office, accounting, and computing machines	1 029	817	206	20	1 024	626	244	154	113	281	102
Electrical machinery, equipment, and supplies	18 666	13 214	5 381	310	18 073	11 677	4 783	1 613	1 610	3 053	2 475
Radio, television, and communication equipment	5 517	3 439	2 065	84	5 306	3 592	1 330	384	397	880	708
Motor vehicles and motor vehicle equipment	624	436	178	16	595	381	157	57	123	141	79
Aircraft and parts	555	454	95	—	546	386	121	39	128	139	94
Other transportation equipment	28	28	—	—	28	12	11	5	16	23	14
Professional and photographic equipment, and watches	2 116	1 685	421	134	2 046	1 317	501	228	134	327	336
Ordnance	1 248	1 125	123	7	1 234	929	239	66	105	264	171
Miscellaneous manufactures and durable goods—allocated	9 660	5 993	3 582	458	9 017	4 436	3 185	1 396	938	2 578	2 962
Nondurable goods	40 666	33 300	7 129	816	38 924	21 996	12 072	4 856	4 038	8 475	6 886
Meat products	198	125	73	15	191	110	62	19	19	43	25
Canning and preserving produce, seafoods, and beverages	644	531	113	6	604	375	143	86	129	87	93
Bakery products	891	639	252	12	855	538	245	72	104	227	132
Other food industries	1 104	836	263	19	1 063	614	327	122	112	396	146
Yarn, thread, and fabric mills	388	340	43	39	332	219	64	49	109	160	113
Other textile mill products	660	553	107	6	637	301	224	112	34	130	130
Apparel and other fabricated textile products	10 465	8 605	1 777	290	10 102	3 883	4 936	1 283	1 154	2 339	1 593
Paper and allied products	1 490	1 103	387	77	1 438	792	472	174	162	388	242
Printing, publishing, and allied industries	4 819	4 416	388	21	4 685	2 946	1 046	693	448	960	1 051
Chemicals and allied products	11 435	10 026	1 318	118	11 066	7 624	2 294	1 148	879	2 021	1 553
Petroleum and coal products	850	785	60	—	842	636	102	104	141	120	116
Rubber and miscellaneous plastic products	3 360	2 243	1 112	86	3 186	1 820	903	463	211	717	683
Footwear, except rubber	63	44	19	9	58	36	14	8	15	20	10
Other nondurable goods	4 299	3 054	1 217	118	3 865	2 102	1 240	523	521	867	999
Not specified manufacturing industries	1 012	772	240	68	950	612	217	121	114	262	230
Transportation, communications, and other public utilities ¹	13 182	10 541	2 596	31	12 649	7 919	3 081	1 649	1 582	2 681	1 840
Railroads and railway express service	206	159	47	—	206	136	59	11	34	49	22
Street railways and bus lines	861	766	89	—	838	270	404	164	34	61	134
Trucking service and warehousing	1 275	1 105	170	4	1 210	729	277	204	75	241	217
Water transportation	206	138	68	—	194	116	42	36	55	56	21
Air transportation	1 114	953	157	7	1 091	689	295	107	122	222	116
All other transportation	741	629	108	—	716	454	185	77	32	116	86
Communications	6 496	4 973	1 508	14	6 202	3 987	1 384	831	909	1 544	874
Electric and gas utilities	1 258	1 055	192	6	1 253	1 036	156	61	153	222	124
Water supply, sanitary services, and other utilities	217	186	31	—	217	132	58	27	31	26	32
Wholesale and retail trade	56 894	50 597	6 139	424	53 974	26 995	15 354	11 625	4 761	11 851	16 102
Wholesale trade	8 695	7 821	864	103	8 414	5 413	1 898	1 103	830	1 739	1 646
Food and farm products	1 281	1 117	164	—	1 240	801	262	177	128	246	260
Retail trade	48 199	42 776	5 275	321	45 560	21 582	13 456	10 522	3 931	10 111	14 456
Hardware, farm equipment, and building material retailing	696	661	35	—	673	407	167	99	40	111	99
General merchandise stores	12 812	11 156	1 624	96	12 257	5 872	3 547	2 838	1 208	3 383	4 343
Food stores	7 347	6 608	721	69	6 948	3 232	1 945	1 771	489	1 281	2 046
Motor vehicles and accessories retailing	1 081	1 008	66	—	1 053	685	200	168	96	175	195
Gasoline service stations	216	196	20	—	211	117	66	28	11	21	34
Apparel and accessories stores	5 488	4 915	568	45	5 328	2 362	1 724	1 242	587	1 055	1 372
Furniture, home furnishings, and equipment stores	1 454	1 364	90	4	1 421	858	346	217	107	279	266
Eating and drinking places	8 889	7 767	1 066	36	8 351	3 477	2 830	2 044	530	2 015	3 071
Drug stores	1 343	1 248	95	—	1 267	492	346	429	67	286	286
Other retail trade	8 873	7 853	990	71	8 051	4 080	2 285	1 686	796	1 586	2 744
Finance, insurance, and real estate	27 589	24 067	3 437	181	26 661	17 907	5 341	3 413	3 144	5 445	3 818
Banking and credit agencies	7 910	7 180	700	34	7 769	5 347	1 339	1 083	920	1 629	1 211
Insurance	13 740	11 783	1 918	96	13 290	9 050	2 591	1 649	1 548	2 654	1 611
Other finance and real estate	5 939	5 104	819	51	5 602	3 510	1 411	681	676	1 162	996
Business and repair services	9 907	8 613	1 224	59	9 491	4 964	2 746	1 781	985	2 238	2 821
Advertising	664	619	45	6	649	374	199	76	238	219	182
Commercial research, management, and programing services	1 732	1 571	151	—	1 664	841	454	369	112	338	372
Automobile services	327	268	53	4	313	160	109	44	32	80	76
Other business and repair services	7 184	6 155	975	49	6 865	3 589	1 984	1 292	603	1 621	2 191
Personal services	19 712	9 442	10 034	150	18 532	9 323	5 838	3 371	1 937	4 833	5 043
Private households	8 419	2 625	5 751	35	7 976	3 528	2 723	1 725	771	2 174	1 926
Hotels and lodging places	1 221	940	272	7	1 148	551	372	225	203	433	1 009
Laundrying, cleaning, and other garment services	3 313	1 701	1 535	34	3 131	1 794	859	478	344	968	852
Barber and beauty shops	3 130	2 666	459	74	3 040	1 788	826	426	321	864	407
Other personal services	3 629	1 510	2 017	—	3 237	1 662	1 058	517	298	544	849
Entertainment and recreation services	1 595	1 463	132	—	1 521	490	615	416	174	391	925
Professional and related services	79 670	63 146	15 625	318	76 777	32 744	31 437	12 596	5 843	13 245	14 283
Health services	27 955	19 385	7 951	93	27 019	15 175	7 685	4 159	1 835	4 613	4 821
Educational services, government	24 828	21 137	3 552	85	24 220	5 342	14 643	4 235	2 055	4 733	4 332
Educational services, private	9 365	8 437	902	32	9 098	2 542	4 607	1 949	596	1 401	1 604
Welfare, religious, and nonprofit membership organizations	5 587	4 317	1 237	34	5 412	3 314	1 300	798	385	848	1 018
Other professional and related services	11 935	9 870	1 983	74	11 028	6 371	3 202	1 455	972	1 650	2 508
Public administration ¹	8 982	6 406	2 538	43	8 689	5 593	2 153	943	655	1 544	1 507
Postal service	1 269	513	756	5	1 242	720	391	131	38	205	152
Federal public administration	2 016	1 276	717	—	1 937	1 440	333	164	327	475	370
State and local public administration	5 177	4 267	895	31	5 049	3 182	1 283	584	237	817	872
Unemployed persons, last worked 1959 or earlier ²	659	547	112	—	—	—	—	—	—	—	—

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
PATERSON-CLIFTON-PASSAIC SMSA											
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
Agriculture, forestry, and fisheries	2 498	2 284	201	69	2 440	1 170	905	365	60	236	639
Agriculture	2 466	2 252	201	69	2 408	1 142	905	361	60	236	639
Forestry and fisheries	32	32	-	-	32	28	-	4	-	-	-
Mining	379	363	16	-	372	287	85	-	21	37	33
Construction	28 920	27 916	905	183	28 683	17 245	9 788	1 650	594	1 332	2 119
Manufacturing	131 357	124 218	6 549	3 582	130 043	104 897	19 706	5 440	2 570	5 824	7 386
Durable goods	64 524	61 065	3 136	1 721	63 988	52 044	9 265	2 679	1 086	2 480	3 198
Logging	24	24	-	-	24	24	-	-	-	13	-
Sawmills, planing mills, and millwork	319	289	30	14	319	276	35	8	5	24	
Miscellaneous wood products	193	193	-	-	191	130	46	15	3	7	
Furniture and fixtures	1 757	1 637	111	150	1 742	1 272	334	136	24	69	
Stone, clay, and glass products	1 864	1 798	66	43	1 848	1 427	317	104	27	40	
Cement, concrete, gypsum, and plaster products	612	597	15	-	612	459	116	37	5	15	
Primary iron and steel industries	1 590	1 414	166	67	1 573	1 273	243	57	58	72	
Primary nonferrous industries	1 899	1 762	137	57	1 889	1 529	296	64	120	189	
Fabricated metal industries, including not specified metal	8 679	8 147	489	399	8 609	6 930	1 332	347	95	248	
Machinery, except electrical	12 759	12 457	231	206	12 663	10 494	1 614	555	145	370	
Office, accounting, and computing machines	2 229	2 140	62	27	2 206	1 822	308	76	13	19	
Electrical machinery, equipment, and supplies	15 009	14 464	449	260	14 895	12 408	1 829	658	137	451	
Radio, television, and communication equipment	7 001	6 804	154	35	6 953	5 983	769	201	70	251	
Motor vehicles and motor vehicle equipment	3 385	3 081	277	25	3 369	2 584	697	88	19	158	
Aircraft and parts	5 128	4 958	158	31	5 088	4 344	682	62	195	349	
Other transportation equipment	760	699	56	41	754	570	165	19	54	81	
Professional and photographic equipment, and watches	3 366	3 303	53	16	3 361	2 774	434	153	37	80	
Ordnance	338	331	7	8	338	304	31	3	9	23	
Miscellaneous manufactures and durable goods—allocated	7 454	6 508	906	404	7 325	5 705	1 210	410	163	325	
Nondurable goods	65 452	61 901	3 284	1 748	64 693	51 825	10 173	2 695	1 470	3 271	
Meat products	476	465	11	31	470	402	68	-	4	36	
Canning and preserving produce, seafoods, and beverages	1 595	1 503	73	53	1 570	1 327	209	34	25	60	
Bakery products	2 188	2 095	88	136	2 147	1 733	354	60	69	118	
Other food industries	3 581	3 455	111	60	3 556	3 012	395	149	54	136	
Yarn, thread, and fabric mills	3 807	3 675	120	123	3 781	2 945	670	166	236	316	
Other textile mill products	4 818	4 675	133	186	4 788	3 831	826	131	223	366	
Apparel and other fabricated textile products	5 027	4 803	206	136	4 957	3 293	1 415	249	132	258	
Paper and allied products	5 096	4 730	358	286	5 048	4 129	697	222	86	232	
Printing, publishing, and allied industries	11 592	11 271	288	128	11 493	9 176	1 688	629	178	403	
Chemicals and allied products	14 600	13 786	726	146	14 505	12 203	1 816	486	156	519	
Petroleum and coal products	1 031	1 001	30	-	1 031	920	95	16	21	67	
Rubber and miscellaneous plastic products	6 121	5 648	430	251	6 061	4 841	993	227	169	474	
Footwear, except rubber	538	508	30	39	518	406	70	42	31	38	
Other nondurable goods	4 982	4 286	680	173	4 768	3 607	877	284	86	248	
Not specified manufacturing industries	1 381	1 252	129	113	1 362	1 028	268	66	14	73	
Transportation, communications, and other public utilities ¹	34 257	32 514	1 613	272	33 995	27 288	5 351	1 356	789	1 949	
Railroads and railway express service	1 964	1 918	46	14	1 951	1 629	255	67	179	356	
Street railways and bus lines	3 252	3 018	223	40	3 219	2 585	545	89	74	220	
Trucking service and warehousing	9 319	8 805	505	85	9 238	6 902	1 889	447	84	299	
Water transportation	1 778	1 703	43	10	1 761	1 194	493	74	66	131	
Air transportation	1 630	1 592	18	7	1 630	1 404	183	43	6	22	
All other transportation	1 391	1 320	66	34	1 380	972	307	101	30	85	
Communications	7 068	6 935	109	28	7 013	6 076	670	267	89	300	
Electric and gas utilities	3 831	3 687	125	8	3 822	3 389	370	63	127	262	
Water supply, sanitary services, and other utilities	1 894	1 712	182	6	1 889	1 620	187	82	82	131	
Wholesale and retail trade	74 387	71 346	2 617	733	73 119	52 804	12 530	7 785	968	2 653	
Wholesale trade	21 718	20 725	781	220	21 524	17 532	2 916	1 076	279	566	
Food and farm products	3 788	3 645	133	77	3 761	3 112	495	154	74	154	
Retail trade	52 669	50 621	1 836	513	51 595	35 272	9 614	6 709	689	2 087	
Hardware, farm equipment, and building material retailing	2 150	2 101	40	-	2 104	1 492	426	186	36	69	
General merchandise stores	6 122	5 885	220	58	5 998	4 032	1 029	937	56	219	
Food stores	10 612	10 363	244	119	10 380	6 790	1 984	1 606	244	592	
Motor vehicles and accessories retailing	4 708	4 467	224	46	4 670	3 641	708	321	26	116	
Gasoline service stations	4 051	3 935	107	42	3 954	2 445	820	689	9	39	
Apparel and accessories stores	3 158	3 081	77	11	3 146	2 218	512	416	40	157	
Furniture, home furnishings, and equipment stores	3 331	3 154	167	21	3 285	2 340	675	270	19	63	
Eating and drinking places	7 380	7 081	210	122	7 159	4 670	1 466	1 023	149	374	
Drugstores	1 731	1 686	40	24	1 680	1 067	320	293	5	63	
Other retail trade	9 426	8 868	507	70	9 219	6 577	1 674	968	105	395	
Finance, insurance, and real estate	20 728	20 298	363	179	20 552	17 176	2 639	737	353	895	
Banking and credit agencies	5 628	5 521	78	40	5 576	4 819	568	189	102	229	
Insurance	6 881	6 789	74	23	6 854	5 881	799	174	106	226	
Other finance and real estate	8 219	7 988	211	116	8 122	6 476	1 272	374	145	440	
Business and repair services	17 103	16 207	827	171	16 876	12 978	2 793	1 105	222	401	
Advertising	1 514	1 483	8	24	1 509	1 295	169	45	-	16	
Commercial research, management, and programing services	2 998	2 901	78	-	2 970	2 404	415	151	7	29	
Automobile services	3 386	3 141	240	55	3 320	2 425	644	251	54	91	
Other business and repair services	9 205	8 682	501	92	9 077	6 854	1 565	658	161	265	
Personal services	7 001	6 435	497	84	6 891	5 157	1 216	518	151	490	
Private households	365	288	77	-	354	187	71	96	26	10	
Hotels and lodging places	950	915	25	6	926	605	207	114	26	109	
Laundering, cleaning, and other garment services	2 067	1 825	200	42	2 035	1 602	322	111	35	139	
Barber and beauty shops	2 033	1 963	66	36	2 007	1 582	338	87	26	123	
Other personal services	1 586	1 444	129	-	1 569	1 181	278	110	38	109	
Entertainment and recreation services	3 167	3 105	51	23	3 101	1 725	855	521	98	178	
Professional and related services	34 586	33 100	1 190	236	34 210	22 723	9 229	2 258	314	987	
Health services	7 177	6 628	439	71	7 079	4 757	1 783	539	43	208	
Educational services, government	8 985	8 703	239	44	8 920	4 333	4 004	583	106	266	
Educational services, private	3 859	3 763	60	-	3 804	2 122	1 220	462	30	120	
Welfare, religious, and nonprofit membership organizations	3 617	3 394	193	50	3 590	2 749	622	219	47	146	
Other professional and related services	10 948	10 610	259	71	10 817	8 762	1 600	455	88	247	
Public administration ¹	17 155	16 034	1 075	158	16 956	14 161	2 093	702	337	807	
Postal service	5 462	4 968	487	37	5 404	4 576	617	211	56	206	
Federal public administration	2 305	2 200	101	21	2 276	1 991	205	80	75	202	
State and local public administration	8 577	8 177	329	90	8 457	6 956	1 151	360	177	371	
Unemployed persons, last worked 1959 or earlier ²	73	73	4	-	-	-	-	-	-	-	

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
PATERSON-CLIFTON-PASSAIC SMSA — Continued											
Female, 16 years old and over	226 311	210 798	14 397	2 983	217 409	112 463	69 054	35 892	22 893	46 153	46 095
Agriculture, forestry, and fisheries	478	396	79	—	448	173	199	76	33	75	117
Agriculture	478	396	79	—	448	173	199	76	33	75	117
Forestry and fisheries	—	—	—	—	—	—	—	—	—	—	—
Mining	106	106	—	—	106	76	21	9	32	16	18
Construction	2 166	2 146	20	21	2 082	1 333	529	220	222	284	404
Manufacturing	69 002	64 350	4 423	1 957	66 742	37 549	21 201	7 992	7 367	13 650	11 040
Durable goods	23 401	21 532	1 804	596	22 697	14 253	5 883	2 561	2 593	4 294	3 781
Lagging	—	—	—	—	—	—	—	—	—	—	—
Sawmills, planing mills, and millwork	42	27	15	—	42	16	14	12	—	11	14
Miscellaneous wood products	65	65	—	5	60	39	17	4	10	10	—
Furniture and fixtures	453	446	7	42	448	281	110	57	33	38	71
Stone, clay, and glass products	599	542	52	7	568	351	163	54	44	84	161
Cement, concrete, gypsum, and plaster products	115	103	7	—	108	78	19	11	—	10	14
Primary iron and steel industries	281	272	9	14	273	187	64	22	14	37	60
Primary nonferrous industries	563	540	23	14	557	390	135	32	53	174	72
Fabricated metal industries, including not specified metal	2 485	2 293	181	79	2 414	1 531	615	268	192	408	320
Machinery, except electrical	2 877	2 706	166	35	2 823	1 738	763	322	275	475	502
Office, accounting, and computing machines	708	661	47	20	687	390	192	105	64	113	121
Electrical machinery, equipment, and supplies	7 731	7 153	554	202	7 549	4 729	2 026	794	913	1 518	1 331
Radio, television, and communication equipment	2 519	2 396	123	56	2 471	1 671	608	192	325	605	501
Motor vehicles and motor vehicle equipment	687	622	65	13	677	462	151	64	60	62	67
Aircraft and parts	1 006	960	46	9	1 001	756	185	60	282	251	65
Other transportation equipment	86	86	—	6	86	49	27	10	32	24	—
Professional and photographic equipment, and watches	1 912	1 807	105	6	1 893	1 266	436	191	130	278	295
Ordnance	138	128	10	—	134	95	10	29	15	38	34
Miscellaneous manufactures and durable goods—allocated	4 476	3 885	571	164	4 172	2 363	1 167	642	540	886	989
Nondurable goods	44 861	42 132	2 570	1 340	43 340	22 889	15 101	5 350	4 701	9 189	7 117
Meat products	83	79	4	—	83	41	33	9	—	11	18
Canning and preserving produce, seafoods, and beverages	345	312	33	19	339	226	69	44	60	59	63
Bakery products	933	862	67	60	906	460	380	66	76	183	118
Other food industries	1 180	1 088	92	14	1 138	713	226	199	107	259	150
Yarn, thread, and fabric mills	2 513	2 388	119	61	2 443	1 518	662	263	425	713	416
Other textile mill products	1 800	1 732	68	23	1 758	958	602	198	244	458	234
Apparel and other fabricated textile products	13 467	12 858	581	588	13 170	4 850	6 839	1 481	1 399	2 942	1 844
Paper and allied products	1 842	1 713	112	45	1 771	1 142	474	155	183	323	351
Printing, publishing, and allied industries	8 324	8 039	256	65	8 129	4 669	2 125	1 335	775	1 388	1 428
Chemicals and allied products	7 049	6 693	342	104	6 935	4 636	1 565	734	627	1 402	1 002
Petroleum and coal products	334	321	13	7	334	253	70	11	90	90	90
Rubber and miscellaneous plastic products	2 231	1 991	230	151	2 142	1 294	605	243	182	513	379
Footwear, except rubber	525	457	56	62	506	272	174	60	56	90	122
Other nondurable goods	4 235	3 599	617	141	3 686	1 857	1 277	552	477	758	962
Not specified manufacturing industries	740	686	49	21	705	407	217	81	73	167	142
Transportation, communications, and other public utilities¹	8 790	8 267	499	53	8 505	5 426	1 976	1 103	1 410	2 346	1 401
Railroads and railway express service	177	166	11	—	177	134	32	11	34	101	11
Street railways and bus lines	658	621	37	9	625	428	346	151	10	112	54
Trucking service and warehousing	1 398	1 360	32	10	1 363	840	263	260	104	295	172
Water transportation	138	138	—	—	133	98	21	14	45	59	58
Air transportation	624	607	17	—	615	439	122	54	96	162	98
All other transportation	545	492	48	—	520	307	166	47	36	80	121
Communications	4 165	3 892	264	12	4 043	2 842	729	472	894	1 250	676
Electric and gas utilities	363	351	12	—	356	264	59	33	73	155	57
Water supply, sanitary services, and other utilities	176	171	5	—	171	132	25	14	11	9	13
Wholesale and retail trade	51 752	49 637	1 852	383	49 332	24 404	14 042	10 886	4 447	10 758	13 358
Wholesale trade	8 992	8 653	262	49	8 683	5 441	2 106	1 136	889	1 660	1 597
Food and farm products	1 032	999	33	—	1 005	646	233	126	106	182	156
Retail trade	42 760	40 984	1 590	334	40 649	18 963	11 936	9 750	3 558	9 098	11 761
Hardware, farm equipment, and building material retailing	536	523	13	—	528	275	163	90	67	92	82
General merchandise stores	12 734	12 275	427	124	12 330	5 633	3 615	3 082	1 187	3 280	3 705
Food stores	6 608	6 437	165	33	6 339	3 058	1 662	1 619	561	1 269	1 730
Motor vehicles and accessories retailing	1 112	1 084	28	10	1 089	776	154	159	71	210	171
Gasoline service stations	182	171	11	—	169	115	27	27	9	19	60
Apparel and accessories stores	4 866	4 685	167	37	4 697	1 970	1 473	1 254	485	1 036	1 283
Furniture, home furnishings, and equipment stores	1 440	1 383	43	7	1 366	748	363	255	100	293	330
Eating and drinking places	6 385	6 140	183	32	5 986	2 402	2 104	1 480	393	1 341	1 814
Drugstores	1 099	1 076	23	—	1 050	416	317	317	45	149	270
Other retail trade	7 798	7 210	530	91	7 095	3 570	2 058	1 467	640	1 409	2 316
Finance, insurance, and real estate	13 759	13 304	400	63	13 442	9 056	2 642	1 744	2 288	3 386	2 565
Banking and credit agencies	5 726	5 491	206	49	5 650	3 881	1 072	697	835	1 386	1 036
Insurance	4 208	4 111	92	—	4 102	2 849	713	540	926	1 232	663
Other finance and real estate	3 825	3 702	102	14	3 690	2 326	857	507	527	768	866
Business and repair services	8 065	7 719	312	34	7 706	4 022	2 065	1 619	801	1 844	2 318
Advertising	831	819	12	—	806	460	214	132	192	206	125
Commercial research, management, and programming services	1 753	1 702	38	8	1 678	859	437	382	114	440	297
Automobile services	366	361	5	—	362	215	86	61	10	48	55
Other business and repair services	5 115	4 837	257	26	4 860	2 488	1 328	1 044	485	1 150	1 841
Personal services	11 373	8 360	2 919	111	10 662	5 180	3 462	2 020	1 207	2 985	3 189
Private households	3 760	1 875	1 831	7	3 581	1 455	1 257	869	395	1 144	795
Hotels and lodging places	907	860	47	7	848	416	242	190	102	244	779
Laundry, cleaning, and other garment services	2 274	1 824	445	44	2 134	1 164	663	307	183	566	542
Barber and beauty shops	2 566	2 439	118	36	2 453	1 308	781	364	286	684	527
Other personal services	1 866	1 362	478	17	1 646	837	519	250	241	347	546
Entertainment and recreation services	1 635	1 597	38	—	1 558	679	446	433	165	328	746
Professional and related services	54 241	50 509	3 328	296	52 513	21 949	21 311	9 253	4 463	9 630	9 844
Health services	18 304	16 302	1 794	121	17 686	9 925	4 807	2 954	1 383	3 309	3 394
Educational services, government	17 944	17 157	701	72	17 569	3 887	10 326	3 356	1 491	3 281	3 049
Educational services, private	6 135	5 960	120	14	5 972	1 657	3 217	1 098	484	990	1 029
Welfare, religious, and nonprofit membership organizations	3 595	3 393	197	16	3 483	2 129	879	475	266	682	602
Other professional and related services	8 263	7 697	516	73	7 803	4 351	2 082	1 370	839	1 368	1 770
Public administration¹	4 483	3 961	517	65	4 313	2 616	1 160	537	458	851	1 095
Postal service	673	469	204	—	657	430	136	91	41	112	110
Federal public administration	660	570	85	20	602	420	95	87	222	292	163
State and local public administration	2 843	2 682	161	39	2 789	1 631	832	326	145	409	750
Unemployed persons, last worked 1959 or earlier²	461	446	10	—	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

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

PHILADELPHIA, PA.—N.J., SMSA

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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
Agriculture, forestry, and fisheries	15 873	13 640	2 156	457	15 418	9 793	3 747	1 878	557	1 333	3 521
Agriculture	15 680	13 447	2 156	457	15 225	9 658	3 703	1 864	552	1 276	3 445
Forestry and fisheries	193	193	—	—	193	135	44	14	5	57	76
Mining	1 904	1 642	258	13	1 878	1 480	318	80	64	169	225
Construction	98 420	80 232	17 929	665	97 170	59 559	30 817	6 794	2 138	4 925	9 985
Manufacturing	427 613	371 533	54 406	3 599	423 024	338 179	66 253	18 592	10 177	20 689	26 216
Durable goods	255 240	223 580	30 580	1 968	252 752	203 088	39 664	10 000	5 663	11 098	13 389
Lumber and wood products	117	105	12	—	113	83	12	18	4	31	41
Sawmills, planing mills, and millwork	1 126	971	145	—	1 105	819	188	98	50	87	136
Miscellaneous wood products	761	640	121	14	744	549	138	57	13	45	90
Furniture and fixtures	5 631	4 574	1 038	173	5 570	3 989	1 141	440	89	231	397
Stone, clay, and glass products	12 214	10 837	1 359	119	12 130	9 663	1 902	565	199	434	616
Cement, concrete, gypsum, and plaster products	3 029	2 613	408	44	2 992	2 336	528	128	59	91	178
Primary iron and steel industries	25 128	21 738	3 368	159	24 948	20 279	3 973	696	79	1 202	1 531
Primary nonferrous industries	4 867	4 113	729	60	4 822	3 814	748	260	97	212	274
Fabricated metal industries, including not specified metal	32 577	29 014	3 472	442	32 334	25 565	5 507	1 262	646	1 350	1 664
Machinery, except electrical	48 007	45 040	2 684	278	47 714	39 751	6 225	1 738	734	1 722	1 911
Office, accounting, and computing machines	7 673	7 223	353	5	7 663	6 732	724	207	39	82	203
Electrical machinery, equipment, and supplies	46 047	42 041	3 813	264	45 674	36 145	7 809	1 720	845	1 715	1 889
Radio, television, and communication equipment	13 038	12 054	910	19	12 941	11 100	1 375	466	341	586	462
Motor vehicles and motor vehicle equipment	11 154	9 197	1 918	69	11 081	8 158	2 555	368	424	784	693
Aircraft and parts	14 329	13 211	1 040	36	14 267	12 604	1 429	234	91	311	301
Other transportation equipment	14 767	11 913	2 779	40	14 617	12 174	1 931	512	745	1 343	737
Professional and photographic equipment, and watches	8 756	8 365	359	44	8 708	7 472	975	261	147	291	389
Ordnance	4 347	3 816	525	21	4 326	3 780	439	107	85	243	239
Miscellaneous manufactures and durable goods—allocated	25 412	18 005	7 218	249	24 599	18 243	4 692	1 664	724	1 097	2 481
Non-durable goods	169 179	145 247	23 345	1 619	167 130	132 647	26 150	8 333	4 420	9 408	12 586
Meat products	3 904	2 690	1 214	109	3 868	2 887	760	221	82	206	246
Canning and preserving produce, seafoods, and beverages	7 702	6 135	1 546	160	7 624	6 026	1 298	300	203	493	545
Bakery products	5 963	5 069	887	76	5 894	4 629	955	310	194	322	478
Other food industries	9 287	7 813	1 441	115	9 210	7 201	1 585	424	249	687	607
Yarn, thread, and fabric mills	4 089	3 621	468	72	4 021	3 148	645	228	258	414	396
Other textile mill products	6 827	5 785	1 010	171	6 782	5 088	1 302	392	188	482	629
Apparel and other fabricated textile products	13 490	11 216	2 181	213	13 211	9 340	2 981	890	414	913	1 325
Paper and allied products	16 019	13 074	2 919	207	15 882	12 586	2 574	722	366	753	970
Printing, publishing, and allied industries	27 992	25 873	2 047	149	27 744	21 864	4 088	1 792	579	1 098	2 091
Chemicals and allied products	33 814	30 986	2 704	107	33 691	28 614	4 059	1 018	565	1 243	1 643
Petroleum and coal products	13 651	12 532	1 097	14	13 586	11 937	1 361	288	497	1 030	835
Rubber and miscellaneous plastic products	11 709	10 481	1 186	102	11 590	9 412	1 723	455	166	391	700
Footwear, except rubber	531	488	39	11	513	373	97	43	48	71	59
Other nondurable goods	14 201	9 484	4 606	113	13 514	9 542	2 722	1 250	611	1 013	2 062
Not specified manufacturing industries	3 194	2 706	481	12	3 142	2 444	439	259	94	183	241
Transportation, communications, and other public utilities ¹	96 096	78 859	16 941	394	95 096	74 424	16 685	3 987	2 927	6 108	6 167
Railroads and railway express service	12 433	10 921	1 500	7	12 349	10 259	1 810	280	814	1 413	666
Street railways and bus lines	8 102	6 447	1 641	40	8 032	6 054	1 726	252	264	703	414
Trucking service and warehousing	22 640	19 229	3 342	47	22 478	16 407	5 112	959	423	943	1 427
Water transportation	4 779	3 389	1 346	113	4 716	2 448	1 876	392	176	560	550
Air transportation	3 345	3 055	280	—	3 331	2 717	448	166	25	56	138
All other transportation	4 951	4 083	836	25	4 858	3 462	1 005	391	83	249	443
Communications	12 468	11 686	771	7	12 404	10 877	1 056	471	279	572	507
Electric and gas utilities	13 171	11 968	1 179	62	13 118	11 780	1 095	243	353	840	556
Water supply, sanitary services, and other utilities	6 496	3 480	2 987	34	6 416	5 020	1 029	367	137	356	530
Wholesale and retail trade	228 251	199 874	27 504	1 504	223 840	160 992	38 780	24 068	4 010	10 600	26 393
Wholesale trade	62 732	54 940	7 644	312	62 111	50 273	8 812	3 026	938	2 395	4 299
Food and farm products	11 684	9 672	1 992	114	11 579	9 143	1 868	568	264	540	872
Retail trade	165 519	144 934	19 860	1 192	161 729	110 719	29 968	21 042	3 072	8 205	22 094
Hardware, farm equipment, and building material retailing	6 625	6 036	579	40	6 549	4 978	1 087	484	109	271	638
General merchandise stores	19 331	16 977	2 292	45	18 915	13 000	3 146	2 769	442	857	3 188
Food stores	30 623	27 607	2 957	222	30 103	21 717	5 092	3 294	653	1 640	3 195
Motor vehicles and accessories retailing	16 352	14 710	1 604	61	16 217	12 622	2 515	1 080	171	553	879
Gasoline service stations	12 500	11 340	1 146	80	12 221	7 321	2 499	2 401	49	333	1 539
Apparel and accessories stores	6 394	7 605	774	31	8 243	5 652	1 524	1 067	212	457	1 163
Furniture, home furnishings, and equipment stores	9 497	8 709	781	56	9 406	7 033	1 766	607	76	315	749
Eating and drinking places	26 747	21 897	4 517	432	25 705	14 709	6 054	4 942	590	1 817	5 043
Drug stores	5 190	4 789	377	30	5 088	3 115	1 048	925	55	308	679
Other retail trade	30 260	25 264	4 833	195	29 282	20 572	5 237	3 473	715	1 654	5 030
Finance, insurance, and real estate	53 301	48 760	4 430	120	52 643	43 541	6 527	2 575	976	2 658	3 949
Banking and credit agencies	13 798	12 799	963	19	13 682	11 356	1 616	710	277	810	1 030
Insurance	20 493	19 543	918	32	20 330	17 613	2 002	715	342	800	907
Other finance and real estate	19 010	16 418	2 549	69	18 631	14 572	2 909	1 150	357	1 048	2 012
Business and repair services	46 388	39 154	7 019	259	45 598	33 359	8 347	3 892	594	1 692	4 456
Advertising	2 509	2 409	95	13	2 506	2 016	353	137	52	78	158
Commercial research, management, and programing services	6 539	6 137	363	—	6 490	5 307	863	320	10	133	464
Automobile services	12 738	10 246	2 421	98	12 482	8 891	2 336	1 255	161	392	927
Other business and repair services	24 602	20 362	4 140	148	24 120	17 145	4 795	2 180	371	1 089	2 907
Personal services	23 670	17 856	5 536	364	23 147	16 257	4 643	2 247	634	1 832	4 667
Private households	2 170	1 257	887	33	2 094	1 049	556	489	136	291	803
Hotels and lodging places	4 060	3 415	592	236	3 981	2 390	1 011	580	103	442	2 198
Laundering, cleaning, and other garment services	5 721	4 016	1 566	37	5 623	4 301	897	425	136	400	492
Barber and beauty shops	5 769	5 064	685	23	5 687	4 371	1 073	243	74	310	263
Other personal services	5 950	4 104	1 806	35	5 762	4 146	1 106	510	185	389	911
Entertainment and recreation services	8 721	7 401	1 270	81	8 431	4 206	2 423	1 802	158	671	4 305
Professional and related services	125 710	106 808	17 688	332	124 108	80 237	32 957	10 914	1 704	4 803	12 412
Health services	31 193	24 511	6 096	83	30 781	21 197	7 040	2 544	461	1 384	3 058
Educational services, government	29 153	25 035	4 007	64	28 864	14 255	12 052	2 557	319	978	2 263
Educational services, private	21 804	19 577	1 964	51	21 541	12 233	6 787	2 521	211	768	2 457
Welfare, religious, and nonprofit membership organizations	12 582	10 579	1 974	41	12 437	9 281	2 203	953	234	752	1 490
Other professional and related											

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

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

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

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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	742 599	593 466	144 834	3 557	709 564	386 521	211 278	111 765	70 038	159 772	166 941
Agriculture, forestry, and fisheries	3 699	2 600	1 080	36	3 439	1 912	924	603	318	689	1 248
Agriculture	3 648	2 549	1 080	36	3 388	1 868	917	603	318	670	1 244
Forestry and fisheries	51	51	—	—	51	44	7	—	—	19	4
Mining	311	266	45	—	311	217	71	23	28	96	32
Construction	6 052	5 474	572	37	5 778	3 738	1 319	721	400	1 158	1 226
Manufacturing	176 043	142 591	32 603	1 929	169 773	101 360	48 359	20 054	19 815	40 382	33 583
Durable goods	66 431	56 836	9 341	433	64 351	41 280	15 863	7 208	6 994	14 533	12 220
Logging	5	—	—	—	5	—	—	—	—	—	—
Sawmills, planing mills, and millwork	172	151	21	—	172	100	54	18	33	34	33
Miscellaneous wood products	145	108	37	—	145	65	62	18	19	24	32
Furniture and fixtures	1 385	1 079	296	14	1 346	749	399	198	161	335	280
Stoneware, clay, and glass products	2 790	2 597	193	7	2 717	1 817	626	274	275	629	610
Cement, concrete, gypsum, and plaster products	364	330	34	—	364	257	74	33	26	77	96
Primary iron and steel industries	1 929	1 780	149	21	1 887	1 341	420	126	231	416	304
Primary nonferrous industries	884	826	58	12	864	549	214	101	66	96	141
Fabricated metal industries, including not specified metal	6 124	5 542	571	36	6 005	3 976	1 490	539	649	1 226	932
Machinery, except electrical	9 797	9 141	645	75	9 586	6 524	2 052	1 010	769	1 951	1 370
Office, accounting, and computing machines	3 190	2 910	280	7	3 145	2 141	636	368	188	624	421
Electrical machinery, equipment, and supplies	22 644	19 365	3 199	91	22 090	13 839	5 692	2 559	2 579	5 267	3 749
Radio, television, and communication equipment	6 663	5 689	971	45	6 523	4 205	1 565	753	896	1 658	979
Motor vehicles and motor vehicle equipment	1 479	1 231	248	—	1 456	919	341	196	134	240	279
Aircraft and parts	2 655	2 370	280	—	2 599	1 951	549	99	313	581	279
Other transportation equipment	1 191	842	344	20	1 176	936	178	62	146	239	192
Professional and photographic equipment, and watches	3 928	3 561	355	7	3 855	2 727	773	355	405	764	640
Ordnance	1 779	1 448	315	16	1 717	1 158	403	156	120	470	430
Miscellaneous manufactures and durable goods—allocated	9 524	8 790	2 630	134	8 731	4 624	2 610	1 497	1 094	2 255	2 939
Non-durable goods	108 016	84 638	22 787	1 464	103 874	59 147	32 076	12 651	12 695	25 468	21 010
Meat products	1 162	925	222	27	1 131	732	268	131	108	306	281
Canning and preserving produce, seafoods, and beverages	3 244	2 303	931	59	3 113	1 723	846	544	471	915	672
Bakery products	2 731	2 368	363	11	2 693	1 602	772	319	217	605	615
Other food industries	4 374	3 662	705	18	4 235	2 253	1 382	600	636	1 215	927
Yarn, thread, and fabric mills	3 537	3 252	273	10	3 446	2 105	859	482	570	1 102	735
Other textile mill products	8 674	6 983	1 642	88	8 404	4 135	3 269	1 000	1 198	2 088	1 793
Apparel and other fabricated textile products	34 075	23 339	10 488	998	33 137	16 591	13 209	3 337	3 517	7 866	5 803
Paper and allied products	6 043	5 410	625	26	5 923	3 698	1 478	747	641	1 467	1 263
Printing, publishing, and allied industries	13 561	11 994	1 488	24	13 118	8 059	2 942	2 117	1 620	3 226	2 804
Chemicals and allied products	11 324	10 541	751	22	11 112	7 794	2 249	1 069	1 215	2 395	1 536
Petroleum and coal products	2 631	2 348	267	—	2 611	1 973	377	261	294	567	328
Rubber and miscellaneous plastic products	3 897	3 509	381	29	3 815	2 392	975	448	342	707	787
Footwear, except rubber	348	280	58	46	318	166	120	32	90	231	157
Other non-durable goods	12 415	7 724	4 593	106	10 818	5 924	3 330	1 564	1 776	2 776	3 307
Not specified manufacturing industries	1 596	1 117	475	32	1 548	933	420	195	126	381	353
Transportation, communications, and other public utilities	25 819	22 259	3 492	37	25 018	16 351	5 520	3 147	3 718	6 281	4 302
Railroads and railway express service	1 963	1 798	160	—	1 951	1 437	377	137	299	461	175
Street railways and bus lines	1 893	1 685	203	—	1 841	621	854	366	96	205	290
Trucking service and warehousing	2 315	2 159	156	—	2 241	1 471	509	261	184	499	498
Water transportation	307	232	75	—	307	212	79	16	21	92	61
Air transportation	1 152	1 046	83	—	1 131	790	236	105	149	249	229
All other transportation	1 439	1 319	120	—	1 405	802	369	234	95	209	309
Communications	12 256	10 295	1 941	31	11 910	8 181	2 251	1 478	2 181	3 440	1 839
Electric and gas utilities	1 955	1 709	244	6	1 932	1 505	291	136	376	627	306
Water supply, sanitary services, and other utilities	581	435	146	—	576	468	77	31	24	68	85
Wholesale and retail trade	160 527	141 262	18 300	476	152 122	79 931	41 618	30 573	15 585	38 742	46 384
Wholesale trade	19 728	17 436	2 217	67	19 077	12 300	4 177	2 600	2 398	4 551	4 223
Food and farm products	3 052	2 508	534	30	2 961	1 769	864	328	495	910	803
Retail trade	140 799	123 826	16 413	409	133 045	67 631	37 441	27 973	13 187	34 191	42 161
Hardware, farm equipment, and building material retailing	1 569	1 519	50	—	1 492	932	308	252	185	296	230
General merchandise stores	41 146	36 275	4 732	85	39 399	20 366	10 348	6 885	4 276	11 641	12 802
Food stores	18 592	16 820	1 726	49	17 888	10 143	4 429	3 316	1 540	4 031	4 005
Motor vehicles and accessories retailing	2 608	2 508	95	24	2 492	1 735	466	291	184	631	546
Gasoline service stations	957	859	93	—	911	512	237	162	89	144	138
Apparel and accessories stores	13 674	12 274	1 380	21	13 142	6 408	3 883	2 851	1 370	2 999	3 599
Furniture, home furnishings, and equipment stores	3 402	3 123	268	6	3 266	1 823	885	558	342	636	779
Eating and drinking places	29 537	25 600	3 683	81	27 810	12 084	9 143	6 583	2 504	7 784	10 462
Drug stores	3 499	3 341	352	6	3 538	1 783	948	807	323	891	1 127
Other retail trade	25 615	21 507	4 034	137	23 107	11 845	6 794	4 468	2 362	5 138	8 473
Finance, insurance, and real estate	54 248	48 052	6 000	89	52 375	35 277	9 869	7 229	6 838	12 073	9 558
Banking and credit agencies	20 695	18 756	1 876	60	20 173	14 176	3 606	2 391	2 630	4 645	3 526
Insurance	20 209	17 934	2 176	27	19 573	13 067	3 555	2 951	2 883	4 827	3 176
Other finance and real estate	13 344	11 362	1 948	14	12 629	8 034	2 708	1 887	1 325	2 601	2 856
Business and repair services	20 503	17 746	2 617	28	19 389	10 256	5 241	3 892	1 757	4 923	7 113
Advertising	2 165	1 997	135	—	2 083	1 323	503	257	325	482	523
Commercial research, management, and programming services	4 134	3 921	176	6	3 974	2 214	928	832	244	674	904
Automobile services	1 182	994	182	—	1 150	659	303	188	57	202	286
Other business and repair services	13 022	10 834	2 124	22	12 182	6 060	3 507	2 615	1 131	3 565	5 400
Personal services	49 998	24 463	25 192	234	46 497	23 252	15 011	8 234	4 885	12 730	13 420
Private households	19 104	6 080	12 933	6	18 259	8 233	6 347	3 679	1 946	5 166	4 280
Hotels and lodging places	4 887	3 411	1 438	11	4 604	2 247	1 256	1 101	445	1 440	3 001
Laundering, cleaning, and other garment services	7 753	4 372	3 329	52	7 298	4 061	2 036	1 201	769	2 072	1 712
Barber and beauty shops	8 021	6 770	1 227	97	7 657	4 194	2 518	945	755	2 338	1 489
Other personal services	10 233	3 830	6 265	68	8 679	4 517	2 854	1 308	970	1 714	2 988
Entertainment and recreation services	3 962	3 339	617	12	3 770	1 628	1 172	970	263	974	2 680
Professional and related services	204 437	160 676	41 900	584	197 455	89 478	75 418	32 559	13 751	35 533	41 205
Health services	76 629	55 902	19 462	234	74 068	42 714	19 655	11 699	5 099	14 095	14 361
Educational services, government	50 780	41 815	8 804	119	49 655	11 969	28 865	8 921	3 407	9 099	10 821
Educational services, private	32 267	28 626	3 448	67	31 554	10 801	15 264	5 489	1 654	4 652	5 871
Welfare, religious, and nonprofit membership organizations	14 674	11 749	2 854	44	14 394	8 554	3 690	2 150	920	2 713	2 959

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State
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	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
TRENTON SMSA											
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
Agriculture, forestry, and fisheries	982	648	321	29	957	671	203	83	43	70	212
Agriculture	961	634	314	29	936	654	199	83	43	70	212
Forestry and fisheries	21	14	7	—	21	17	4	—	—	—	—
Mining	203	192	11	—	203	173	12	18	9	4	15
Construction	6 806	5 655	1 136	78	6 722	3 885	2 219	618	173	452	883
Manufacturing	25 451	21 736	3 604	368	25 205	19 841	4 186	1 178	662	1 320	1 698
Durable goods	15 470	13 521	1 898	252	15 334	12 263	2 453	618	427	898	930
Logging	—	—	—	—	—	—	—	—	—	—	—
Sawmills, planing mills, and millwork	32	32	—	—	32	32	—	—	—	4	6
Miscellaneous wood products	32	32	—	—	32	32	—	—	—	—	—
Furniture and fixtures	173	115	53	26	173	102	38	33	—	—	15
Stone, clay, and glass products	1 362	1 189	173	71	1 342	1 054	203	45	78	112	79
Cement, concrete, gypsum, and plaster products	1 249	211	38	14	1 249	175	43	11	—	—	15
Primary iron and steel industries	1 981	1 659	308	13	1 981	1 568	316	71	69	121	133
Primary nonferrous industries	374	344	30	7	371	326	38	7	23	62	25
Fabricated metal industries, including not specified metal	2 097	1 860	233	16	2 087	1 629	474	84	60	148	156
Machinery, except electrical	3 019	2 809	197	38	2 997	2 480	403	114	52	94	92
Office, accounting, and computing machines	—	455	10	6	—	449	399	33	—	5	5
Electrical machinery, equipment, and supplies	2 734	2 511	207	39	2 495	2 300	331	64	24	100	97
Radio, television, and communication equipment	583	546	26	—	576	531	30	15	—	4	14
Motor vehicles and motor vehicle equipment	1 199	1 079	120	6	1 199	947	234	18	13	117	61
Aircraft and parts	100	100	—	—	100	69	22	9	—	13	5
Other transportation equipment	29	22	7	—	29	17	12	—	10	5	6
Professional and photographic equipment, and watches	337	315	22	17	337	282	38	17	—	6	36
Ordnance	51	42	9	—	51	41	10	—	—	—	—
Miscellaneous manufactures and durable goods—allocated	1 950	1 402	539	19	1 908	1 324	434	150	98	116	211
Nondurable goods	9 712	8 005	1 647	116	9 608	7 397	1 669	542	218	406	731
Meat products	37	31	6	—	32	21	11	—	—	11	4
Canning and preserving produce, seafoods, and beverages	315	272	43	—	310	242	58	10	4	20	15
Bakery products	140	128	12	—	140	110	19	11	—	5	24
Other food industries	181	177	4	—	181	148	16	17	9	19	23
Yarn, thread, and fabric mills	82	82	—	—	82	57	29	—	9	9	5
Other textile mill products	124	124	—	—	124	107	17	—	11	12	25
Apparel and other fabricated textile products	286	267	19	18	286	208	60	18	—	6	33
Paper and allied products	792	715	77	22	785	642	94	47	9	22	41
Printing, publishing, and allied industries	1 629	1 552	68	—	1 621	1 191	278	152	21	51	124
Chemicals and allied products	1 984	1 824	132	27	1 969	1 626	283	60	12	69	98
Petroleum and coal products	237	220	12	—	237	198	36	3	—	15	3
Rubber and miscellaneous plastic products	2 558	1 866	681	30	2 552	2 004	454	94	106	133	152
Footwear, except rubber	12	12	—	—	12	12	—	—	—	—	—
Other nondurable goods	1 335	735	593	19	1 279	835	314	130	37	34	184
Not specified manufacturing industries	269	210	59	—	263	181	64	18	17	16	37
Transportation, communications, and other public utilities ¹	5 161	4 486	675	41	5 086	4 018	895	173	144	322	418
Railroads and railway express service	673	580	93	—	668	527	129	12	45	135	57
Street railroads and bus lines	273	254	19	—	273	211	51	11	6	14	14
Trucking service and warehousing	1 348	1 200	148	7	1 331	997	306	28	19	41	74
Water transportation	86	73	13	10	79	68	11	—	—	5	14
Air transportation	168	168	—	6	164	131	21	12	—	—	—
All other transportation	207	187	20	—	202	139	49	14	—	5	42
Communications	649	616	33	—	649	577	52	20	13	29	42
Electric and gas utilities	645	617	28	—	640	571	59	10	16	45	35
Water supply, sanitary services, and other utilities	536	421	115	6	536	390	106	40	34	16	32
Wholesale and retail trade	12 097	11 009	1 068	140	11 906	8 048	2 373	1 485	238	579	1 847
Wholesale trade	2 765	2 541	224	20	2 749	2 088	454	207	54	110	247
Food and farm products	509	451	58	6	509	412	60	37	11	42	37
Retail trade	9 332	8 468	844	120	9 157	5 960	1 919	1 278	184	469	1 600
Hardware, farm equipment, and building material retailing	494	468	26	—	494	412	36	46	13	9	37
General merchandise stores	785	729	47	—	763	428	210	125	19	54	173
Food stores	1 379	1 285	94	20	1 372	917	287	168	42	61	269
Motor vehicles and accessories retailing	878	788	90	5	872	696	141	35	19	38	67
Gasoline service stations	773	746	27	—	770	430	193	147	—	27	88
Apparel and accessories stores	407	391	16	—	396	286	52	58	6	12	40
Furniture, home furnishings, and equipment stores	536	493	43	—	536	384	86	66	9	28	45
Eating and drinking places	1 651	1 479	161	62	1 595	795	400	400	28	120	415
Drug stores	211	208	3	—	211	159	34	18	4	—	31
Other retail trade	2 218	1 881	337	33	2 148	1 453	480	215	44	120	435
Finance, insurance, and real estate	2 493	2 340	141	16	2 473	2 029	319	125	71	154	164
Banking and credit agencies	568	547	21	—	564	497	53	14	13	43	61
Insurance	867	821	36	—	867	108	39	26	11	37	37
Other finance and real estate	1 058	972	84	16	1 042	812	158	72	32	100	66
Business and repair services	3 856	3 343	498	47	3 808	2 892	581	335	19	117	436
Advertising	84	84	—	—	84	75	9	—	—	—	20
Commercial research, management, and programing services	1 449	1 384	62	—	1 449	1 236	142	71	—	36	88
Automobile services	658	584	74	30	644	414	173	57	—	14	90
Other business and repair services	1 665	1 291	362	17	1 631	1 167	257	207	19	67	238
Personal services	1 593	1 209	372	26	1 548	1 053	289	206	41	87	253
Private households	158	83	75	—	153	68	36	49	18	12	57
Hotels and lodging places	244	210	34	19	239	105	98	36	6	29	99
Laundrying, cleaning, and other garment services	412	315	85	7	412	315	66	31	4	15	24
Barber and beauty shops	417	353	64	—	405	313	59	33	9	4	15
Other personal services	362	248	114	—	339	252	30	57	4	27	58
Entertainment and recreation services	518	410	103	17	512	229	174	109	—	41	953
Professional and related services	11 731	10 136	1 432	36	11 529	7 230	3 182	1 117	155	456	1 406
Health services	1 876	1 417	446	14	1 828	1 287	449	92	28	102	177
Educational services, government	2 501	2 274	197	—	2 493	1 341	1 006	146	28	82	233
Educational services, private	3 674	3 285	286	6	3 637	2 138	1 007	492	43	143	519
Welfare, religious, and nonprofit membership organizations	1 027	901	126	8	1 013	680	219	114	21	56	130
Other professional and related services	2 653	2 259	377	8	2 558	1 784	501	273	35	73	347
Public administration ¹	7 694	6 825	857	29	7 642	6 545	767	330	112	351	780
Postal service	1 056	874	182	17	1 052	912	115	25	11	60	53
Federal public administration	1 082	917	157	—	1 063	931	88	44	13	119	207
State and local public administration	5 247	4 846	397	12	5 225	4 507	490	228	68	162	388
Unemployed persons, last worked 1959 or earlier ²	26	26	—	—	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
TRENTON SMSA—Continued											
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
Agriculture, forestry, and fisheries	233	119	114	--	223	123	80	20	32	52	67
Agriculture	228	114	114	--	218	118	80	20	32	52	67
Forestry and fisheries	5	5	--	--	5	5	--	--	--	--	--
Mining	53	48	5	--	53	29	5	19	--	--	--
Construction	449	420	29	--	389	263	83	43	38	53	105
Manufacturing	11 563	9 578	1 935	127	11 096	6 363	3 409	1 324	1 151	2 212	2 077
Durable goods	6 090	4 896	1 155	63	5 812	3 362	1 795	655	536	1 021	975
Logging	8	8	--	--	8	8	--	--	--	--	--
Sawmills, planing mills, and millwork	15	12	3	--	15	6	9	--	6	--	3
Miscellaneous wood products	543	495	48	6	523	337	163	23	95	151	84
Furniture and fixtures	28	28	--	6	23	14	9	--	15	23	5
Stone, clay, and glass products	124	98	26	--	118	86	23	9	25	43	6
Cement, concrete, gypsum, and plaster products	148	134	14	--	148	108	23	17	6	28	31
Primary iron and steel industries	477	391	83	--	463	223	162	78	58	57	93
Fabricated metal industries, including not specified metal	534	478	45	--	515	316	156	43	49	50	75
Machinery, except electrical	137	128	4	--	127	83	21	23	9	23	31
Office, accounting, and computing machines	2 427	1 938	469	42	2 347	1 453	635	259	175	301	399
Electrical machinery, equipment, and supplies	87	78	4	--	82	63	11	8	6	20	21
Radio, television, and communication equipment	660	564	96	--	643	308	254	81	35	151	57
Motor vehicles and motor vehicle equipment	21	21	--	--	21	9	12	--	12	20	5
Aircraft and parts	6	6	--	--	6	--	6	--	5	--	--
Other transportation equipment	121	107	14	--	121	80	32	9	5	27	16
Professional and photographic equipment, and watches	29	22	7	--	29	13	16	--	5	5	--
Ordinance	977	622	350	15	855	415	304	136	60	188	206
Miscellaneous manufactures and durable goods—allocated	5 374	4 614	749	64	5 185	2 961	1 567	657	611	1 165	1 091
Nondurable goods	54	46	8	--	54	42	12	--	6	3	4
Meat products	131	127	4	--	131	62	50	19	5	25	23
Canning and preserving produce, seafoods, and beverages	27	27	--	--	27	12	4	--	11	5	4
Bakery products	24	24	--	--	24	12	4	--	5	17	5
Other food industries	85	85	--	13	80	54	14	12	4	17	15
Yarn, thread, and fabric mills	78	73	5	--	78	35	21	22	15	15	16
Other textile mill products	1 150	921	229	41	1 123	530	479	114	167	207	192
Apparel and other fabricated textile products	142	135	7	--	132	88	27	17	11	25	22
Paper and allied products	1 085	1 040	40	--	1 055	644	244	167	95	215	270
Printing, publishing, and allied industries	1 113	925	182	--	1 068	643	262	163	73	230	208
Chemicals and allied products	34	29	5	--	34	29	5	--	5	5	--
Petroleum and coal products	537	474	63	--	526	382	93	51	65	138	67
Rubber and miscellaneous plastic products	914	708	206	10	853	418	356	79	155	264	257
Footwear, except rubber	99	68	31	--	99	40	47	12	4	26	11
Other nondurable goods	1 896	1 678	208	8	1 821	984	491	346	229	306	332
Not specified manufacturing industries	21	15	6	--	21	15	6	--	17	5	--
Transportation, communications, and other public utilities ¹	181	172	9	--	177	30	121	26	--	21	9
Railroads and railway express service	202	182	20	--	202	119	48	35	12	46	50
Street railways and bus lines	9	9	--	--	9	--	--	--	--	9	--
Trucking service and warehousing	89	86	3	--	85	65	17	3	15	--	17
Water transportation	107	104	3	--	104	50	21	33	--	14	5
Air transportation	993	870	113	8	945	543	250	152	172	176	185
All other transportation	38	34	4	--	38	20	18	--	5	--	9
Communications	52	46	6	--	52	46	--	6	--	6	10
Electric and gas utilities	8 316	7 552	744	26	7 874	4 044	2 037	1 793	790	1 797	3 085
Water supply, sanitary services, and other utilities	714	679	31	--	673	419	144	110	72	174	302
Wholesale and retail trade	127	111	16	--	123	77	16	30	--	15	17
Food and farm products	7 402	6 873	713	26	7 201	3 625	1 893	1 683	718	1 623	2 783
Retail trade	101	101	--	--	96	81	5	10	14	43	27
Hardware, farm equipment, and building material retailing	1 830	1 670	155	9	1 759	847	480	432	212	566	704
General merchandise stores	933	893	40	--	882	515	184	183	116	202	250
Food stores	134	134	--	--	132	98	24	10	--	18	15
Motor vehicles and accessories retailing	40	28	12	--	40	33	7	--	--	--	5
Gasoline service stations	718	647	71	--	686	274	258	154	79	117	164
Apparel and accessories stores	259	253	6	--	253	129	57	67	11	38	58
Furniture, home furnishings, and equipment stores	1 736	1 590	135	11	1 659	792	517	350	106	353	792
Eating and drinking places	228	224	4	6	212	116	36	60	34	38	82
Drugstores	1 623	1 333	290	--	1 482	740	325	417	146	248	686
Other retail trade	2 102	2 006	91	11	2 044	1 379	397	268	322	540	348
Finance, insurance, and real estate	793	761	27	11	755	537	136	82	145	201	148
Banking and credit agencies	659	635	24	--	643	449	89	105	126	221	89
Insurance	650	610	40	--	646	393	172	81	51	118	111
Other finance and real estate	2 444	1 975	469	--	2 347	1 178	641	528	169	414	647
Business and repair services	51	51	--	--	51	17	12	22	16	19	20
Advertising	1 114	1 037	77	--	1 075	599	263	213	40	163	233
Commercial research, management, and programing services	19	19	--	--	19	14	5	--	13	25	5
Automobile services	1 260	868	392	--	1 202	548	361	293	100	207	389
Other business and repair services	3 380	1 614	1 731	34	3 165	1 530	1 015	620	301	793	881
Personal services	1 251	489	757	10	1 201	551	388	262	148	359	298
Private households	308	212	96	7	288	119	97	72	38	93	205
Hotels and lodging places	540	273	258	--	474	220	166	88	11	110	141
Laundrying, cleaning, and other garment services	447	387	60	10	433	245	122	66	44	128	64
Barber and beauty shops	834	253	560	7	769	395	242	132	60	103	173
Other personal services	307	281	21	10	307	129	95	83	22	59	236
Entertainment and recreation services	16 444	13 113	3 248	49	15 832	7 050	5 991	2 791	1 043	2 862	3 096
Professional and related services	4 834	3 433	1 381	17	4 666	2 843	1 186	637	338	902	823
Health services	4 649	4 112	527	12	4 507	1 176	2 395	936	259	898	894
Educational services, government	3 054	2 672	349	--	2 962	1 153	1 304	505	176	534	568
Educational services, private	1 200	1 010	185	20	1 143	691	282	170	93	149	219
Welfare, religious, and nonprofit membership organizations	2 707	1 896	806	--	2 554	1 187	824	543	197	379	592
Other professional and related services	5 941	4 871	1 055	--	5 802	4 184	1 050	568	320	678	811
Public administration ¹	172	96	76	--	153	94	28	31	9	22	29
Postal service	514	356	158	--	498	381	73	44	44	138	123
Federal public administration	4 797	4 204	582	--	4 713	3 475	807	431	246	498	556
State and local public administration	86	76	10	--	86	76	10	--	--	--	--
Unemployed persons, last worked 1959 or earlier ²											

¹Includes allocated cases not shown separately.

²See text for explanation.

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

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

WILMINGTON, DEL.-N.J.-MD., SMSA

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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
Agriculture, forestry, and fisheries	3 125	2 739	368	45	3 073	2 225	518	330	95	260	702
Agriculture	3 061	2 675	368	45	3 009	2 191	498	320	95	260	678
Forestry and fisheries	64	64	-	-	64	34	20	10	-	-	24
Mining	216	209	7	-	216	146	54	16	14	5	37
Construction	13 229	11 717	1 492	90	13 084	7 820	4 342	922	258	607	1 271
Manufacturing	49 710	45 022	4 518	515	49 332	39 641	7 812	1 879	762	1 888	2 422
Durable goods	18 440	16 257	2 135	169	18 278	13 162	4 474	642	181	524	851
Logging	42	31	11	-	42	5	34	3	-	-	4
Sawmills, planing mills, and millwork	145	136	9	-	145	111	26	8	-	5	9
Miscellaneous wood products	65	50	15	-	65	40	10	15	3	5	2
Furniture and fixtures	156	139	17	8	152	106	12	34	-	13	11
Stone, clay, and glass products	1 589	1 277	312	21	1 565	1 266	246	53	38	51	111
Cement, concrete, gypsum, and plaster products	274	192	82	6	267	210	44	13	6	10	27
Primary iron and steel industries	1 196	936	253	21	1 180	849	244	87	13	73	87
Primary nonferrous industries	471	373	98	6	471	377	79	15	9	4	-
Fabricated metal industries, including not specified metal	1 408	1 275	123	37	1 387	1 116	216	55	30	58	124
Machinery, except electrical	1 163	1 112	51	7	1 163	982	154	27	14	76	53
Office, accounting, and computing machines	152	147	5	-	152	152	-	-	-	-	-
Electrical machinery, equipment, and supplies	728	691	37	-	717	599	81	37	17	28	75
Radio, television, and communication equipment	7 103	6 100	1 003	6	7 103	6 100	1 003	6	6	10	171
Motor vehicles and motor vehicle equipment	7 217	6 415	796	58	7 189	4 322	2 747	120	17	127	171
Aircraft and parts	1 387	1 362	25	6	1 380	1 229	130	21	-	10	41
Other transportation equipment	933	874	59	-	933	716	168	49	29	41	42
Professional and photographic equipment, and watches	246	241	5	-	246	215	31	-	-	-	-
Ordnance	38	38	-	-	38	26	12	-	-	-	4
Miscellaneous manufactures and durable goods—allocated	1 656	1 307	344	5	1 605	1 203	284	118	11	38	128
Nondurable goods	31 051	28 594	2 335	324	30 835	26 322	3 292	1 221	572	1 348	1 554
Meat products	97	73	24	16	97	69	20	8	5	4	11
Canning and preserving produce, seafoods, and beverages	462	339	123	7	453	347	75	31	6	44	81
Bakery products	206	193	13	-	206	161	35	10	-	5	15
Other food industries	456	395	61	13	452	364	76	12	18	37	37
Yarn, thread, and fabric mills	441	418	23	6	435	341	54	40	18	23	19
Other textile mill products	677	610	67	-	672	510	124	38	23	31	43
Apparel and other fabricated textile products	187	161	26	-	181	119	39	23	11	32	28
Paper and allied products	1 177	1 043	134	44	1 154	870	228	56	19	66	35
Printing, publishing, and allied industries	2 283	1 228	55	15	1 267	998	138	131	18	34	69
Chemicals and allied products	20 773	19 527	1 140	137	20 691	18 410	1 676	605	319	805	772
Petroleum and coal products	1 060	955	95	-	1 060	909	127	24	35	55	42
Rubber and miscellaneous plastic products	2 571	2 370	195	54	2 551	2 118	340	93	38	73	89
Footwear, except rubber	10	10	-	-	10	5	5	-	-	-	-
Other nondurable goods	1 651	1 272	379	32	1 606	1 101	355	150	62	139	293
Not specified manufacturing industries	219	171	48	22	219	157	46	16	9	16	17
Transportation, communications, and other public utilities ¹	9 527	8 268	1 254	66	9 446	7 414	1 620	412	252	551	894
Railroads and railway express service	1 867	1 687	180	24	1 856	1 544	276	36	131	208	78
Street railways and bus lines	405	354	51	-	405	233	118	54	10	52	50
Trucking service and warehousing	2 220	1 967	253	6	2 207	1 613	507	87	16	82	181
Water transportation	418	289	129	-	418	260	112	46	13	35	48
Air transportation	642	615	22	6	642	447	165	30	4	5	40
All other transportation	362	330	32	-	358	281	58	19	-	25	21
Communications	1 934	1 913	21	-	1 934	837	66	31	25	9	45
Electric and gas utilities	1 502	1 466	36	15	1 491	1 316	133	42	24	55	61
Water supply, sanitary services, and other utilities	573	305	268	7	569	451	82	36	20	49	82
Wholesale and retail trade	20 305	18 815	1 464	222	19 917	14 247	3 325	2 345	393	875	3 146
Wholesale trade	4 669	4 386	277	49	4 638	3 945	522	171	56	125	325
Food and farm products	598	576	22	19	584	523	50	11	-	20	39
Retail trade	15 636	14 429	1 187	173	15 279	10 302	2 803	2 174	337	750	2 821
Hardware, farm equipment, and building material retailing	924	877	47	5	917	654	170	93	27	42	87
General merchandise stores	1 977	1 846	131	35	1 928	1 240	352	336	4	118	431
Food stores	2 392	2 220	161	35	2 336	1 659	408	269	58	104	341
Motor vehicles and accessories retailing	1 956	1 782	174	15	1 951	1 422	380	149	44	65	144
Gasoline service stations	2 195	2 139	56	20	2 147	1 413	386	348	55	109	342
Apparel and accessories stores	576	525	51	16	569	354	101	114	16	9	109
Furniture, home furnishings, and equipment stores	905	851	54	7	880	675	176	29	21	40	88
Eating and drinking places	1 957	1 731	217	40	1 859	1 061	334	464	43	115	697
Drugstores	351	341	10	8	340	219	58	63	8	9	60
Other retail trade	2 403	2 117	286	7	2 352	1 605	438	309	61	139	522
Finance, insurance, and real estate	4 147	3 891	237	57	4 114	3 453	499	162	33	194	324
Banking and credit agencies	1 313	1 229	75	17	1 297	1 112	138	47	4	67	60
Insurance	1 379	1 330	39	18	1 368	1 214	113	41	10	60	58
Other finance and real estate	1 455	1 332	123	22	1 449	1 127	248	74	19	87	208
Business and repair services	5 724	5 191	517	22	5 635	4 467	760	408	38	160	382
Advertising	183	178	5	-	178	146	27	5	-	4	16
Commercial research, management, and programming services	2 547	2 444	87	15	2 534	2 205	254	77	7	69	88
Automobile services	1 096	916	180	-	1 053	765	177	111	20	27	63
Other business and repair services	1 898	1 653	245	7	1 868	1 351	302	215	11	60	215
Personal services	2 241	1 727	485	9	2 210	1 581	385	244	50	137	519
Private households	534	377	151	-	523	339	88	96	16	42	130
Hotels and lodging places	414	326	76	9	407	246	81	80	10	36	229
Laundering, cleaning, and other garment services	357	296	57	-	357	266	69	22	-	31	51
Barber and beauty shops	481	438	43	-	477	383	70	24	16	9	29
Other personal services	455	290	158	-	446	347	77	22	8	19	80
Entertainment and recreation services	901	847	50	46	866	472	177	217	19	48	431
Professional and related services	11 699	10 309	1 232	141	11 581	7 574	2 940	1 067	171	447	1 043
Health services	2 250	1 900	255	20	2 239	1 698	370	171	53	134	196
Educational services, government	4 423	3 879	497	43	4 399	2 429	1 621	349	39	155	291
Educational services, private	1 409	1 305	99	24	1 392	755	408	229	4	25	123
Welfare, religious, and nonprofit membership organizations	1 348	1 141	207	47	1 307	996	182	129	17	59	149
Other professional and related services	2 269	2 084	174	7	2 244	1 696	359	189	58	74	284
Public administration ¹	5 312	4 837	470	13	5 273	4 484	536	273	119	269	704
Pastoral service	1 195	1 072	118	-	1 186	1 028	91	67	13	46	73
Federal public administration	1 608	1 497	111	13	1 584	1 378	106	100	56	99	311
State and local public administration	2 395	2 191	204	-	2 389	1 967	324	98	44	103	227
Unemployed persons, last worked 1959 or earlier ²	28	13	15	-	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately.

²See text for explanation.

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

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

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

	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Puerto Rican birth or parentage	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
Agriculture, forestry, and fisheries	447	362	85	5	423	253	48	122	66	141	310
Agriculture	435	350	85	5	411	246	43	122	66	130	310
Forestry and fisheries	12	12	-	-	12	7	5	-	-	11	-
Mining	32	32	-	-	32	17	10	5	9	5	7
Construction	1 046	1 007	36	-	991	656	189	146	46	178	179
Manufacturing	14 624	12 767	1 806	129	14 084	9 016	3 392	1 676	1 700	3 566	3 282
Durable goods	3 865	3 311	537	47	3 646	2 141	1 019	486	405	844	868
Logging	5	5	-	-	5	5	-	-	-	-	4
Sawmills, planing mills, and millwork	-	-	-	-	-	-	-	-	-	-	5
Miscellaneous wood products	16	16	-	-	16	10	6	-	8	7	-
Furniture and fixtures	83	76	7	-	83	44	29	10	9	30	26
Stone, clay, and glass products	931	638	288	-	871	583	180	108	131	177	170
Cement, concrete, gypsum, and plaster products	20	20	-	-	16	10	6	-	-	-	13
Primary iron and steel industries	128	116	12	-	128	103	15	10	9	25	11
Primary nonferrous industries	158	147	11	-	158	100	49	9	16	24	9
Fabricated metal industries, including not specified metal	286	283	3	36	264	147	87	30	21	91	30
Machinery, except electrical	151	151	-	-	144	88	21	35	26	56	22
Office, accounting, and computing machines	32	32	-	-	32	28	-	4	4	-	-
Electrical machinery, equipment, and supplies	1 066	939	127	4	1 006	417	401	188	67	209	293
Radio, television, and communication equipment	69	54	15	-	64	26	24	14	10	14	20
Motor vehicles and motor vehicle equipment	318	286	26	-	306	213	77	16	15	48	36
Aircraft and parts	203	203	-	7	197	162	30	5	24	41	54
Other transportation equipment	69	66	3	-	69	62	3	4	11	4	10
Professional and photographic equipment, and watches	62	59	3	-	59	41	8	10	16	17	10
Ordnance	109	104	5	-	91	42	34	15	10	27	62
Miscellaneous manufactures and durable goods—allocated	280	222	52	-	249	124	79	46	42	84	126
Nondurable goods	10 687	9 400	1 253	82	10 366	6 847	2 354	1 165	1 285	2 722	2 383
Meat products	101	55	46	7	94	45	49	-	31	26	15
Canning and preserving produce, seafoods, and beverages	425	245	180	9	415	131	195	89	73	160	240
Bakery products	87	75	12	-	87	35	30	22	11	35	23
Other food industries	241	192	49	5	237	144	41	52	11	97	72
Yarn, thread, and fabric mills	273	268	5	-	268	162	65	41	52	80	67
Other textile mill products	240	226	14	5	240	161	59	20	58	114	100
Apparel and other fabricated textile products	1 351	1 145	195	5	1 292	645	516	131	157	400	334
Paper and allied products	290	260	30	-	283	160	82	41	52	114	39
Printing, publishing, and allied industries	5 253	4 561	692	36	5 033	311	128	94	59	149	212
Chemicals and allied products	95	95	-	-	95	59	31	5	15	9	14
Petroleum and coal products	697	636	61	-	680	404	158	118	45	146	101
Rubber and miscellaneous plastic products	34	34	-	-	29	10	19	-	5	54	12
Footwear, except rubber	1 051	669	369	15	959	565	253	141	158	368	440
Other nondurable goods	72	56	16	-	72	28	19	25	10	-	31
Not specified manufacturing industries	2 309	2 205	104	25	2 242	1 415	576	251	323	532	356
Transportation, communications, and other public utilities ¹	79	64	15	-	79	54	20	5	17	6	10
Railroads and railway express service	331	331	-	-	303	51	198	54	7	42	20
Street railways and bus lines	210	202	8	8	210	174	30	6	15	34	36
Trucking service and warehousing	22	19	3	-	22	-	11	-	-	12	10
Water transportation	254	254	-	11	254	148	79	27	18	47	16
Air transportation	174	169	5	-	169	131	19	19	10	64	33
All other transportation	830	786	44	-	807	552	172	83	188	199	151
Communications	209	205	4	6	209	189	11	9	50	85	29
Electric and gas utilities	60	55	5	-	60	41	14	5	-	21	12
Water supply, sanitary services, and other utilities	16 738	15 548	1 129	117	15 899	8 582	4 128	3 189	1 537	4 618	6 300
Wholesale and retail trade	1 671	1 544	127	9	1 627	1 235	255	137	150	264	270
Wholesale trade	215	176	39	-	205	147	45	13	28	46	69
Food and farm products	15 067	14 004	1 002	108	14 272	7 347	3 873	3 052	1 387	4 354	6 030
Retail trade	243	237	6	8	243	159	65	19	39	35	80
Hardware, farm equipment, and building material retailing	4 083	3 840	233	52	3 832	1 920	969	943	446	1 478	1 906
General merchandise stores	1 942	1 871	62	5	1 850	1 111	462	287	178	395	470
Food stores	290	284	-	-	281	141	75	65	19	67	52
Motor vehicles and accessories retailing	99	99	-	-	95	75	12	8	5	25	47
Gasoline service stations	1 228	1 141	72	35	1 198	599	330	269	147	371	417
Apparel and accessories stores	405	340	61	-	386	218	101	67	18	58	102
Furniture, home furnishings, and equipment stores	3 622	3 286	322	-	3 456	1 537	1 102	817	311	1 092	1 733
Eating and drinking places	682	668	14	-	662	346	195	121	42	184	192
Drugstores	2 473	2 238	232	8	2 269	1 241	572	456	182	649	1 031
Other retail trade	4 748	4 481	258	14	4 593	3 082	834	677	552	959	970
Finance, insurance, and real estate	2 563	2 442	116	7	2 513	1 762	419	332	291	496	451
Banking and credit agencies	984	949	31	-	959	626	178	155	139	245	214
Insurance	1 201	1 090	111	7	1 221	694	237	190	122	218	305
Other finance and real estate	1 896	1 666	220	8	1 795	967	402	426	181	516	669
Business and repair services	65	59	-	-	61	51	-	10	15	52	24
Advertising	702	659	39	-	692	438	144	110	53	137	123
Commercial research, management, and programing services	106	94	12	-	106	43	30	33	9	13	26
Automobile services	1 023	854	169	8	936	435	228	273	104	314	496
Other business and repair services	5 849	3 090	2 771	20	5 481	2 737	1 541	1 203	377	1 342	1 699
Personal services	2 804	1 058	1 746	6	2 668	1 284	753	631	158	610	647
Private households	645	515	130	-	594	352	117	125	71	179	386
Hotels and lodging places	770	510	256	7	692	367	150	175	47	132	157
Laundry, cleaning, and other garment services	782	710	72	7	738	331	298	109	73	291	211
Barber and beauty shops	868	297	567	-	789	403	223	163	28	130	298
Other personal services	513	488	25	-	481	172	147	162	63	153	425
Entertainment and recreation services	22 135	18 757	3 252	256	21 356	9 057	8 057	4 242	1 699	4 089	4 798
Professional and related services	7 692	6 142	1 478	98	7 400	4 354	1 792	1 254	627	1 560	1 417
Health services	7 856	6 956	869	45	7 677	1 776	4 115	1 786	473	1 327	1 785
Educational services, government	2 356	2 124	222	95	2 293	755	1 079	459	210	459	445
Educational services, private	1 482	1 257	225	12	1 433	835	329	269	118	298	419
Welfare, religious, and nonprofit membership organizations	2 749	2 278	458	6	2 553	1 337	742	474	271	445	732
Other professional and related services	2 421	2 038	383	-	2 334	1 616	460	258	228	712	619
Public administration ¹	315	228	87	-	301	204	60	37	8	109	62
Postal service	815	726	89	-	787	568	139	80	96	303	239
Federal public administration	1 168	1 037	131	-	1 132	778	229	125	99	268	291
State and local public administration	194	133	61	-	194	133	61	-	194	133	61
Unemployed persons, last worked 1959 or earlier ²	194	133	61	-	...	...	...	...	...	...	...

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