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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE								
Total								
Male, 16 years old and over	**2 855 353**	**2 282 629**	**332 858**	**106 600**	**85 098**	**141 160**	**233 440**	**6 426**
Professional, technical, and kindred workers	**383 627**	**253 637**	**90 479**	**17 530**	**28 761**	**44 188**	**39 401**	**110**
Accountants	29 719	22 214	4 588	2 214	1 619	755	2 912	5
Architects	2 618	1 504	212	63	92	57	902	-
Computer specialists	11 461	9 707	1 695	1 214	325	156	59	-
Engineers	66 236	58 253	6 596	3 881	1 911	804	1 387	-
Aeronautical and astronautical	1 624	1 452	172	167	5	-	-	-
Civil	8 103	5 422	2 462	547	1 414	501	219	-
Electrical and electronic	14 232	13 111	1 011	935	43	33	110	-
Mechanical	10 091	8 922	976	852	85	39	193	-
Other engineers	32 186	29 346	1 975	1 380	364	231	865	-
Lawyers and judges	11 246	3 278	1 520	473	528	519	6 444	4
Life and physical scientists	10 311	8 788	1 388	867	349	172	135	-
Chemists	7 792	7 135	605	398	104	103	52	-
Physicians, dentists, and related practitioners	29 700	9 996	1 418	461	578	379	18 269	17
Dentists	5 433	531	138	66	34	38	4 764	-
Pharmacists	5 638	3 689	116	42	44	30	1 821	12
Physicians, medical and osteopathic	15 667	5 428	1 114	329	478	307	9 120	5
Other related practitioners	2 962	348	50	24	22	4	2 564	-
Health technologists and technicians	3 682	2 749	771	203	391	177	162	-
Religious workers	12 644	10 571	126	34	64	28	1 947	-
Social scientists	4 270	3 090	1 029	254	366	409	145	6
Social and recreation workers	5 415	1 517	3 818	275	1 983	1 560	69	11
Teachers	69 737	23 325	45 656	442	12 219	32 995	747	9
College and university	18 928	11 412	7 516	73	6 508	935	-	-
Elementary and prekindergarten	13 427	2 910	10 517	67	1 626	8 824	-	-
Secondary	33 718	6 953	26 765	157	3 739	22 869	-	-
Engineering and science technicians	49 683	44 091	5 148	2 420	1 813	915	444	-
Draftsmen and surveyors	25 444	22 811	2 337	519	1 162	656	296	-
Electrical and electronic engineering technicians	7 654	6 345	1 286	1 072	137	57	43	-
Technicians, except health, and engineering and science	4 111	2 536	1 483	894	192	397	92	-
Airplane pilots	1 272	1 179	64	48	16	-	29	-
Writers, artists, and entertainers	24 623	19 554	1 416	553	586	277	3 626	27
Other professional, technical, and kindred workers	48 171	32 464	13 615	3 282	5 745	4 588	2 061	31
Managers and administrators, except farm	**269 413**	**192 271**	**31 221**	**10 349**	**8 231**	**12 641**	**45 389**	**532**
Buyers, purchasing agents, and sales managers	37 659	33 407	1 712	1 210	358	144	2 520	20
School administrators	7 510	1 969	5 474	48	1 255	4 171	67	-
Specified managers and administrators, public administration	16 260	4	16 256	7 544	3 407	5 305	-	-
Other specified managers and administrators	49 266	38 407	2 685	909	815	961	8 069	105
Managers and administrators, n.e.c., salaried	123 578	118 484	5 094	638	2 396	2 060	-	-
Manufacturing	39 834	39 617	217	189	8	20	-	-
Wholesale and retail trade	37 008	36 273	735	98	585	52	-	-
Transportation, communications and other public utilities	10 909	10 388	521	22	45	454	-	-
All other industries	35 827	32 206	3 621	329	1 758	1 534	-	-
Managers and administrators, n.e.c., self-employed	35 140	-	-	-	-	-	34 733	407
Construction	6 117	-	-	-	-	-	6 089	28
Manufacturing	3 206	-	-	-	-	-	3 177	29
Wholesale and retail trade	19 066	-	-	-	-	-	18 897	169
All other industries	6 751	-	-	-	-	-	6 570	181
Sales workers	**186 798**	**155 130**	**3 601**	**522**	**2 668**	**411**	**27 490**	**577**
Insurance agents, brokers, and underwriters	23 677	20 083	107	40	32	35	3 476	11
Real estate agents and brokers	6 647	4 137	47	20	16	11	2 463	-
Sales representatives, manufacturing industries	22 305	21 377	28	10	4	14	894	6
Sales representatives, wholesale trade	32 059	27 581	115	13	86	16	4 336	27
Sales clerks, retail trade	48 849	37 715	1 954	129	1 745	80	8 755	425
Salesmen, retail trade	22 696	18 663	58	24	5	29	3 933	42
Salesmen of services and construction	8 167	6 771	691	103	547	41	701	4
Other sales workers	22 398	18 803	601	183	233	185	2 932	62
Clerical and kindred workers	**233 372**	**173 442**	**56 889**	**43 150**	**6 913**	**6 826**	**2 876**	**165**
Bank tellers and cashiers	10 466	9 550	767	167	422	178	137	12
Bookkeepers and billing clerks	20 359	17 539	2 005	822	627	556	776	39
Mail handlers and postal clerks	32 860	3 475	29 375	29 076	225	74	10	-
Other clerical and kindred workers	169 687	142 878	24 742	13 085	5 639	6 018	1 953	114
Craftsmen and kindred workers	**645 306**	**558 616**	**37 297**	**14 931**	**10 260**	**12 106**	**48 797**	**596**
Apparel craftsmen and upholsterers	7 156	5 589	109	62	25	22	1 447	11
Bakers	6 040	5 147	110	22	39	49	751	32
Cabinetmakers	3 618	2 973	84	11	50	23	554	7
Construction craftsmen	161 163	130 329	9 971	3 308	3 118	3 545	20 751	112
Carpenters	44 963	36 125	1 643	605	522	516	7 142	53
Excavating, grading, and road machine operators	16 489	12 979	2 379	105	1 246	1 028	1 125	6
Electricians	28 985	25 330	2 002	1 106	384	512	1 644	9
Masons and tile setters	13 330	11 526	312	45	93	174	1 487	5
Painters, construction and maintenance, and paperhangers	16 436	10 463	1 659	575	444	640	4 299	15
Plasterers and cement finishers	5 640	4 493	234	37	79	118	913	-
Plumbers and pipe fitters	24 952	20 415	1 588	794	341	453	2 925	24
Other construction craftsmen	10 368	8 998	154	41	9	104	1 216	-
Foremen, n.e.c.	92 880	86 591	5 000	1 625	1 699	1 676	1 278	11
Manufacturing	60 581	59 616	534	437	55	42	426	5
Nonmanufacturing industries	32 299	26 975	4 466	1 188	1 644	1 634	852	6
Linemen and servicemen, telephone and power	20 397	19 983	364	140	76	148	50	-
Locomotive engineers and firemen	5 357	5 291	66	31	21	14	-	-
Mechanics and repairmen	145 959	123 203	8 865	4 367	1 622	2 876	13 639	252
Air conditioning, heating, and refrigeration	7 342	5 762	461	194	106	161	1 119	-
Aircraft	2 749	2 048	682	596	81	5	19	-
Automobile, including body	55 157	43 801	2 525	917	516	1 092	8 656	175
Radio and television	6 635	4 183	983	811	41	131	1 469	-
Other mechanics and repairmen	74 076	67 409	4 214	1 849	878	1 487	2 376	77
Metal craftsmen, except mechanics	80 116	76 062	3 019	2 572	158	289	1 017	18
Machinists and job and die setters	31 692	30 205	1 272	1 057	48	167	203	12
Sheetmetal workers and tinsmiths	8 187	7 263	702	662	31	9	222	-
Tool and die makers	12 790	12 335	264	229	13	22	191	-
Other metal craftsmen	27 447	26 259	781	624	66	91	401	6
Printing craftsmen	22 079	20 799	409	214	73	122	839	32
Compositors and typesetters	9 218	8 594	136	71	43	22	476	12
Pressmen and plate printers, printing	10 146	9 649	208	124	26	58	269	20
Stationary engineers and power station operators	11 096	8 830	2 169	193	404	1 572	97	-
Other craftsmen and kindred workers	89 445	73 819	7 131	2 386	2 975	1 770	8 374	121

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**471 820**	**450 842**	**11 981**	**6 152**	**2 429**	**3 400**	**8 664**	**333**
Assemblers	29 247	28 631	486	284	60	142	121	9
Checkers, examiners, and inspectors; manufacturing	28 561	27 571	933	625	169	139	53	4
Garage workers and gas station attendants	19 457	17 843	163	17	63	83	1 369	82
Laundry and drycleaning operatives, n.e.c	3 356	2 403	391	54	257	80	535	27
Meat cutters and butchers	14 123	12 358	174	43	74	57	1 566	25
Mine operatives, n.e.c	12 080	11 694	90	8	21	61	291	5
Packers and wrappers, except produce	16 255	15 293	890	791	19	80	72	–
Painters, manufactured articles	6 987	6 646	191	156	10	25	136	14
Precision machine operatives	38 244	37 578	419	296	27	96	247	–
Sawyers	4 850	4 529	43	13	10	20	278	–
Stationary firemen	6 903	5 700	1 183	281	363	539	20	–
Textile operatives	10 685	10 574	34	13	5	16	77	–
Welders and flamecutters	41 268	39 449	1 169	765	176	228	645	5
Other metalworking operatives	28 326	27 821	381	220	45	116	115	9
Other specified operatives	79 082	74 582	2 390	1 037	595	758	2 013	97
Miscellaneous and not specified operatives	132 396	128 170	3 044	1 549	535	960	1 126	56
Occupation:								
Machine operatives, miscellaneous specified	55 669	54 290	931	566	105	260	433	15
Machine operatives, not specified	26 472	25 719	651	379	111	161	96	6
Miscellaneous operatives	33 031	31 491	1 149	432	254	463	366	25
Not specified operatives	17 224	16 670	313	172	65	76	231	10
Industry:								
Manufacturing	117 786	115 850	1 275	789	151	335	641	20
Durable goods	77 788	76 381	1 041	709	110	222	346	20
Wood products, including furniture	3 443	3 332	13	7	–	6	94	4
Primary metal industries	25 849	25 675	122	44	18	60	47	5
Fabricated metal industries	9 710	9 586	74	36	13	25	50	–
Machinery, including electrical	18 095	17 913	148	60	28	60	29	5
Motor vehicles and equipment	2 078	2 061	17	5	–	12	–	–
Transportation equipment, except motor vehicles	3 642	3 310	313	281	13	19	13	6
Other durable goods	14 971	14 504	354	276	38	40	113	–
Nondurable goods	39 292	38 797	200	75	32	93	295	–
Food and kindred products	8 408	8 189	51	12	13	26	168	–
Apparel and other fabricated textile products	2 685	2 668	5	5	–	–	12	–
Paper and allied products	8 557	8 464	45	7	5	33	48	–
Chemicals and allied products	5 990	5 968	18	9	5	4	4	–
Other nondurable goods	13 652	13 508	81	42	9	30	63	–
Not specified manufacturing industries	706	672	34	5	9	20	–	–
Nonmanufacturing industries	14 610	12 320	1 769	760	384	625	485	36
Transportation, communications, and other public utilities	3 443	3 127	299	10	35	254	17	–
Wholesale and retail trade	5 266	5 030	38	8	7	23	187	11
All other industries	5 901	4 163	1 432	742	342	348	281	25
Transport equipment operatives	**179 177**	**158 264**	**12 225**	**2 244**	**2 764**	**7 217**	**8 471**	**217**
Bus drivers	10 019	6 872	2 807	46	354	2 407	340	–
Taxicab drivers and chauffeurs	6 305	5 636	429	112	91	226	236	4
Truck drivers and deliverymen	123 486	109 359	6 855	1 179	1 949	3 727	7 109	163
Other transport equipment operatives	39 367	36 397	2 134	907	370	857	786	50
Laborers, except farm	**204 042**	**177 713**	**22 023**	**5 131**	**6 571**	**10 321**	**3 931**	**375**
Construction laborers	36 971	28 232	8 604	341	4 636	3 627	41	94
Freight, stock, and material handlers	70 547	64 265	5 242	2 952	289	2 001	927	113
Other specified laborers	40 880	33 657	4 734	1 128	1 154	2 452	2 384	105
Miscellaneous and not specified laborers	55 644	51 559	3 443	710	492	2 241	579	63
Occupation:								
Miscellaneous laborers	19 014	17 127	1 536	203	128	1 205	338	13
Not specified laborers	36 630	34 432	1 907	507	364	1 036	241	50
Industry:								
Manufacturing	39 379	38 823	381	223	44	114	158	17
Durable goods	32 248	31 751	347	210	39	98	133	17
Wood products, including furniture	1 433	1 387	4	4	–	–	36	6
Metal industries	21 145	20 943	148	50	19	79	43	11
Machinery, including electrical	3 422	3 393	19	13	–	6	10	–
Transportation equipment	1 980	1 905	75	62	–	13	–	–
Other durable goods	4 268	4 123	101	81	20	–	44	–
Nondurable goods	6 959	6 908	26	5	5	16	25	–
Food and kindred products	2 007	1 997	5	–	5	–	5	–
Not specified manufacturing industries	172	164	8	8	–	–	–	–
Nonmanufacturing industries	16 265	12 736	3 062	487	448	2 127	421	46
Railroads and railway express service	3 358	3 263	95	31	28	36	–	–
Transportation, except railroads	604	501	97	5	33	59	6	–
Communications, and utilities and sanitary services	2 643	1 236	1 354	16	50	1 288	48	5
Wholesale and retail trade	4 621	4 326	53	8	10	35	230	12
All other industries	5 039	3 410	1 463	427	327	709	137	29
Farmers and farm managers	**34 374**	**2 253**	**118**	**25**	**58**	**35**	**31 983**	**20**
Farm laborers and farm foremen	**21 948**	**18 111**	**640**	**67**	**404**	**169**	**220**	**2 977**
Paid farm laborers and farm foremen	18 971	18 111	640	67	404	169	220	–
Unpaid family workers	2 977	–	–	–	–	–	–	2 977
Service workers, except private household[1]	**224 044**	**140 983**	**66 384**	**6 499**	**16 039**	**43 846**	**16 156**	**521**
Cleaning service workers	74 049	53 552	19 201	2 491	4 451	12 259	1 188	108
Food service workers	49 945	42 036	2 439	543	1 229	667	5 207	263
Cooks, except private household	14 030	11 974	756	244	323	189	1 247	53
Busboys and dishwashers	10 291	9 598	655	42	466	147	27	11
Health service workers	7 573	3 952	3 556	865	1 932	759	59	6
Personal service workers	21 917	11 271	2 025	196	1 239	590	8 591	30
Protective service workers	51 804	16 161	35 515	1 852	5 789	27 874	120	8
Firemen, fire protection	6 704	263	6 441	170	54	6 217	–	–
Guards and watchmen	20 805	14 953	5 782	941	2 574	2 267	62	8
Policemen and detectives	22 283	767	21 458	568	3 098	17 792	58	–
Private household workers	**1 432**	**1 367**	–	–	–	–	**62**	**3**

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Total—Continued								
Female, 16 years old and over	**1 681 550**	**1 349 410**	**264 744**	**47 564**	**70 769**	**146 411**	**53 387**	**14 009**
Professional, technical, and kindred workers	**242 302**	**131 310**	**101 975**	**6 042**	**22 445**	**73 488**	**8 467**	**550**
Accountants	7 062	4 723	2 040	1 466	346	228	274	25
Computer specialists	2 528	2 049	464	264	162	38	15	–
Librarians	5 387	2 301	3 073	111	596	2 366	5	8
Mathematical specialists	563	460	103	15	49	39	–	–
Life and physical scientists	1 502	1 216	276	65	147	64	10	–
Registered nurses, dietitians, and therapists	59 075	45 970	10 893	1 287	4 237	5 369	2 044	168
Dietitians	1 864	1 371	483	95	198	190	4	6
Registered nurses	54 745	43 243	9 373	1 143	3 536	4 694	1 967	162
Health technologists and technicians	10 697	9 154	1 439	201	561	677	70	34
Social scientists	933	502	399	80	140	179	32	–
Social and recreation workers	8 141	2 945	5 116	279	2 946	1 891	25	55
Teachers: College and university	6 376	3 744	2 632	54	2 141	437	–	–
Elementary and prekindergarten	63 450	18 816	44 488	507	5 281	38 700	141	5
Secondary	26 494	6 623	19 871	93	2 236	17 542	–	–
Other teachers	6 466	2 975	831	80	292	459	2 645	15
Engineering and science technicians	4 572	4 090	457	186	193	78	20	5
Technicians, except health, and engineering and science	537	236	287	66	110	111	9	5
Writers, artists, and entertainers	10 519	8 490	639	193	183	263	1 299	91
Actors and dancers	179	155	–	–	–	–	24	–
Authors, editors, and reporters	2 865	2 462	134	50	57	27	259	10
Other professional, technical, and kindred workers	28 000	17 016	8 967	1 095	2 825	5 047	1 878	139
Managers and administrators, except farm	**46 372**	**29 794**	**7 463**	**2 419**	**1 131**	**3 913**	**8 041**	**1 074**
Buyers, purchasing agents, and sales managers	7 412	6 235	585	479	44	62	523	69
Restaurant, cafeteria, and bar managers	4 739	1 930	716	38	129	549	1 914	179
School administrators	2 621	1 594	997	19	180	798	30	–
Other specified managers and administrators	11 111	5 918	4 475	1 741	542	2 192	577	141
Managers and administrators, n.e.c., salaried	14 807	14 117	690	142	236	312	–	–
Wholesale and retail trade	5 650	5 624	26	15	11	–	–	–
Managers and administrators, n.e.c., self-employed	5 682	–	–	–	–	–	4 997	685
Wholesale and retail trade	3 892	–	–	–	–	–	3 485	407
Sales workers	**129 895**	**118 163**	**1 132**	**418**	**344**	**370**	**7 640**	**2 960**
Demonstrators, hucksters, and peddlers	4 540	3 833	30	6	–	24	671	6
Insurance, real estate agents, and brokers	4 392	3 859	31	7	6	18	463	39
Sales clerks, retail trade	98 672	90 950	493	229	147	117	4 964	2 265
Salesmen, retail trade	3 235	2 564	10	6	4	–	406	255
Other sales workers	19 056	16 957	568	170	187	211	1 136	395
Clerical and kindred workers	**553 677**	**451 048**	**93 646**	**32 497**	**26 959**	**34 190**	**4 464**	**4 519**
Bank tellers	12 370	11 602	741	500	119	122	15	12
Bookkeepers	60 501	53 197	4 140	1 487	976	1 677	1 457	1 707
Cashiers	36 275	33 781	1 690	197	351	1 142	472	332
Counter clerks, except food	7 866	7 413	216	67	98	51	126	111
Enumerators and interviewers	2 675	938	1 684	1 391	97	196	53	–
File clerks	17 415	13 754	3 612	1 355	1 421	836	34	15
Office machine operators	24 523	20 314	4 167	2 591	915	661	37	5
Bookkeeping and billing machine operators	2 877	2 620	257	100	84	73	–	–
Keypunch operators	15 868	12 803	3 050	2 183	475	392	15	–
Payroll and timekeeping clerks	7 663	6 893	754	281	163	310	10	6
Receptionists	13 377	11 608	1 534	208	689	637	124	111
Secretaries	155 546	128 999	24 569	5 178	7 779	11 612	654	1 324
Stenographers	6 728	4 236	2 402	639	1 108	655	85	5
Telephone operators	19 227	18 000	1 179	246	404	529	48	–
Typists	57 656	42 167	15 055	4 543	5 775	4 737	272	162
Other clerical and kindred workers	131 855	98 146	31 903	13 814	7 064	11 025	1 077	729
Craftsmen and kindred workers	**30 255**	**26 973**	**1 638**	**455**	**398**	**785**	**1 445**	**199**
Foremen, n.e.c.	8 852	8 344	363	115	153	95	112	33
Operatives, except transport	**333 364**	**324 147**	**5 848**	**2 360**	**1 653**	**1 835**	**2 585**	**784**
Assemblers	24 351	23 927	363	192	61	110	56	5
Bottling and canning operatives	1 066	1 055	–	–	–	–	–	11
Checkers, examiners, and inspectors; manufacturing	24 942	24 584	330	198	59	73	24	4
Dressmakers and seamstresses, except factory	4 836	3 318	409	277	98	34	1 050	59
Laundry and drycleaning operatives, including ironers	18 028	16 679	1 099	147	549	403	161	89
Graders and sorters, manufacturing	1 916	1 899	4	4	–	–	6	7
Packers and wrappers, except produce	31 894	31 560	273	143	47	83	30	31
Sewers and stitchers	106 246	104 706	1 068	538	191	339	389	83
Textile operatives	14 712	14 577	85	26	5	54	45	5
Other specified operatives	53 213	51 060	1 193	504	297	392	571	389
Miscellaneous and not specified operatives	52 160	50 782	1 024	331	346	347	253	101
Manufacturing	47 778	47 133	449	143	110	196	129	67
Durable goods	18 373	18 064	262	102	65	95	39	8
Machinery, including electrical	8 716	8 608	103	28	42	33	5	–
Other durable goods	9 657	9 456	159	74	23	62	34	8
Nondurable goods, including not specified manufacturing	29 405	29 069	187	41	45	101	90	59
Food and kindred products	4 341	4 225	32	10	14	8	46	38
Apparel and other fabricated textile products	10 533	10 464	58	21	10	27	11	–
Nonmanufacturing industries	4 382	3 649	575	188	236	151	124	34
Transport equipment operatives	**5 733**	**4 294**	**1 174**	**50**	**208**	**916**	**238**	**27**
Laborers, except farm	**16 510**	**15 002**	**769**	**265**	**241**	**263**	**554**	**185**
Farmers and farm managers	**3 045**	**260**	**5**	**5**	–	–	**2 757**	**23**
Farm laborers and farm foremen	**5 210**	**3 414**	**40**	**23**	**17**	–	**41**	**1 715**
Paid farm laborers and farm foremen	3 495	3 414	40	23	17	–	41	–
Unpaid family workers	1 715	–	–	–	–	–	–	1 715
Service workers, except private household[1]	**268 535**	**198 700**	**50 994**	**2 999**	**17 368**	**30 627**	**16 879**	**1 962**
Cleaning service workers	38 867	30 148	8 272	528	2 474	5 270	316	131
Chambermaids and maids	9 076	7 980	955	34	321	600	117	24
Food service workers	109 676	89 630	15 791	777	4 242	10 772	2 986	1 269
Cooks, except private household	25 253	17 947	5 674	183	1 347	4 144	1 160	472
Waiters and food counter workers	59 509	55 054	2 967	222	953	1 792	979	509
Health service workers	53 876	40 167	12 632	864	6 150	5 618	925	152
Nursing aides, orderlies, and attendants	28 220	19 679	8 377	480	4 485	3 412	126	38
Practical nurses	16 883	12 996	3 078	240	1 102	1 736	799	10
Personal service workers	37 333	19 789	5 972	382	3 014	2 576	11 379	193
Hairdressers and cosmetologists	21 924	11 373	155	–	124	31	10 261	135
Private household workers	**46 652**	**46 305**	**60**	**31**	**5**	**24**	**276**	**11**
Private household workers, living in	3 568	3 557	–	–	–	–	276	11
Private household workers, living out	43 084	42 748	60	31	5	24		–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro								
Male, 16 years old and over	191 148	143 255	40 707	17 268	5 434	18 005	7 005	181
Professional, technical, and kindred workers	12 070	6 292	5 022	1 242	1 175	2 605	749	7
Accountants	474	237	210	123	21	66	27	–
Architects	80	38	35	22	–	13	7	–
Computer specialists	310	202	108	87	–	21	–	–
Engineers	636	412	211	146	28	37	13	–
Aeronautical and astronautical	19	19	–	–	–	–	–	–
Civil	89	28	61	26	15	20	–	–
Electrical and electronic	202	175	27	22	–	5	–	–
Mechanical	54	30	24	24	–	–	–	–
Other engineers	272	160	99	74	13	12	13	–
Lawyers and judges	168	45	62	23	16	23	61	–
Life and physical scientists	340	226	114	63	18	33	–	–
Chemists	261	175	86	63	–	23	–	–
Physicians, dentists, and related practitioners	577	179	59	17	27	15	339	–
Dentists	118	6	20	5	5	10	92	–
Pharmacists	81	53	6	–	6	–	22	–
Physicians, medical and osteopathic	351	115	33	12	16	5	203	–
Other related practitioners	27	5	–	–	–	–	22	–
Health technologists and technicians	339	266	73	21	19	33	–	–
Religious workers	541	455	16	–	8	8	70	–
Social scientists	137	69	68	5	15	48	–	–
Social and recreation workers	703	163	540	46	210	284	–	–
Teachers	2 113	476	1 630	84	290	1 256	7	–
College and university	364	197	167	10	118	39	–	–
Elementary and prekindergarten	651	28	623	17	76	530	–	–
Secondary	903	131	772	20	81	671	–	–
Engineering and science technicians	1 512	1 135	377	248	48	81	–	–
Draftsmen and surveyors	562	439	123	61	25	37	–	–
Electrical and electronic engineering technicians	285	194	91	76	5	10	–	–
Technicians, except health, and engineering and science	164	93	71	26	5	40	–	–
Airplane pilots	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	834	638	88	27	28	33	108	–
Other professional, technical, and kindred workers	3 142	1 658	1 360	304	442	614	117	7
Managers and administrators, except farm	6 205	3 327	1 820	665	342	813	1 032	26
Buyers, purchasing agents, and sales managers	459	357	83	78	–	5	19	–
School administrators	288	52	236	–	53	183	–	–
Specified managers and administrators, public administration	838	–	838	381	123	334	–	–
Other specified managers and administrators	1 738	1 117	339	145	49	145	282	–
Managers and administrators, n.e.c., salaried	2 125	1 801	324	61	117	146	–	–
Manufacturing	343	334	9	9	–	–	–	–
Wholesale and retail trade	746	660	86	10	72	4	–	–
Transportation, communications and other public utilities	140	106	34	10	4	20	–	–
All other industries	896	701	195	32	41	122	–	–
Managers and administrators, n.e.c., self-employed	757	–	–	–	–	–	731	26
Construction	145	–	–	–	–	–	145	–
Manufacturing	17	–	–	–	–	–	17	–
Wholesale and retail trade	424	–	–	–	–	–	403	21
All other industries	171	–	–	–	–	–	166	5
Sales workers	4 589	3 668	505	37	378	90	395	21
Insurance agents, brokers, and underwriters	512	488	6	–	6	–	18	–
Real estate agents and brokers	122	99	–	–	–	–	23	–
Sales representatives, manufacturing industries	208	200	8	–	4	4	–	–
Sales representatives, wholesale trade	378	329	24	–	17	7	25	–
Sales clerks, retail trade	1 720	1 261	248	12	222	14	195	16
Salesmen, retail trade	410	373	–	–	–	–	37	–
Salesmen of services and construction	188	93	76	3	73	–	19	–
Other sales workers	1 051	825	143	22	56	65	78	5
Clerical and kindred workers	18 943	10 281	8 556	7 047	410	1 099	81	25
Bank tellers and cashiers	504	442	62	11	6	45	–	–
Bookkeepers and billing clerks	581	398	161	96	24	41	18	4
Mail handlers and postal clerks	4 798	325	4 473	4 420	32	21	–	–
Other clerical and kindred workers	13 060	9 116	3 860	2 520	348	992	63	21
Craftsmen and kindred workers	30 780	24 053	4 712	2 460	388	1 864	2 011	4
Apparel craftsmen and upholsterers	485	369	17	11	6	–	99	–
Bakers	479	444	16	–	–	16	19	–
Cabinetmakers	68	56	5	–	–	5	7	–
Construction craftsmen	7 005	4 843	1 256	640	111	505	906	–
Carpenters	1 521	1 170	136	63	–	73	215	–
Excavating, grading, and road machine operators	618	452	163	19	34	110	3	–
Electricians	835	466	307	240	19	48	62	–
Masons and tile setters	985	864	64	6	6	52	57	–
Painters, construction and maintenance, and paperhangers	1 185	526	297	147	42	108	362	–
Plasterers and cement finishers	744	573	60	22	5	33	111	–
Plumbers and pipe fitters	807	531	214	133	5	76	62	–
Other construction craftsmen	310	261	15	10	–	5	34	–
Foremen, n.e.c.	2 979	2 490	476	168	64	244	13	–
Manufacturing	1 361	1 302	59	36	8	15	–	–
Nonmanufacturing industries	1 618	1 188	417	132	56	229	13	–
Linemen and servicemen, telephone and power	681	646	35	19	–	16	–	–
Locomotive engineers and firemen	84	80	4	4	–	–	–	–
Mechanics and repairmen	6 064	4 745	974	440	30	504	345	–
Air conditioning, heating, and refrigeration	284	186	69	26	7	36	29	–
Aircraft	112	86	26	26	–	–	–	–
Automobile, including body	3 056	2 394	427	124	8	295	235	–
Radio and television	285	191	32	32	–	–	62	–
Other mechanics and repairmen	2 327	1 888	420	232	15	173	19	–
Metal craftsmen, except mechanics	2 819	2 496	306	264	4	38	17	–
Machinists and job and die setters	1 099	987	112	94	–	18	–	–
Sheetmetal workers and tinsmiths	268	202	66	61	–	5	–	–
Tool and die makers	173	146	14	11	–	3	13	–
Other metal craftsmen	1 279	1 161	114	98	4	12	4	–
Printing craftsmen	1 010	885	93	56	10	27	32	–
Compositors and typesetters	399	347	20	15	–	5	32	–
Pressmen and plate printers, printing	504	444	60	36	10	14	–	–
Stationary engineers and power station operators	572	319	249	38	28	183	4	–
Other craftsmen and kindred workers	8 534	6 680	1 281	820	135	326	569	4

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**37 384**	**34 296**	**2 739**	**1 418**	**310**	**1 011**	**336**	**13**
Assemblers	1 698	1 596	88	47	9	32	14	–
Checkers, examiners, and inspectors; manufacturing	1 207	1 097	99	62	6	31	11	–
Garage workers and gas station attendants	915	884	22	5	–	17	9	–
Laundry and drycleaning operatives, n.e.c	772	674	77	14	35	28	21	–
Meat cutters and butchers	1 052	1 015	37	12	5	20	–	–
Mine operatives, n.e.c.	204	200	–	–	–	–	4	–
Packers and wrappers, except produce	1 862	1 680	175	144	–	31	7	–
Painters, manufactured articles	654	591	45	41	–	4	18	–
Precision machine operatives	1 377	1 329	48	31	6	11	–	–
Sawyers	128	120	8	–	–	8	–	–
Stationary firemen	512	276	236	35	28	173	–	–
Textile operatives	565	554	4	–	–	4	7	–
Welders and flamecutters	2 710	2 432	251	196	17	38	27	–
Other metalworking operatives	2 269	2 176	93	63	16	14	–	–
Other specified operatives	10 737	9 799	781	351	125	305	150	7
Miscellaneous and not specified operatives	10 722	9 873	775	417	63	295	68	6
Occupation:								
Machine operatives, miscellaneous specified	4 193	3 933	235	162	5	68	25	–
Machine operatives, not specified	2 386	2 186	194	131	12	51	6	–
Miscellaneous operatives	2 774	2 473	269	88	40	141	26	6
Not specified operatives	1 369	1 281	77	36	6	35	11	–
Industry:								
Manufacturing	8 970	8 617	317	190	43	84	36	–
Durable goods	5 240	4 984	244	166	25	53	12	–
Wood products, including furniture	233	233	–	–	–	–	–	–
Primary metal industries	1 819	1 793	26	5	6	15	–	–
Fabricated metal industries	677	672	5	–	–	5	–	–
Machinery, including electrical	1 068	1 007	49	12	19	18	12	–
Motor vehicles and equipment	225	213	12	5	–	7	–	–
Transportation equipment, except motor vehicles	310	208	102	99	–	3	–	–
Other durable goods	908	858	50	45	–	5	–	–
Nondurable goods	3 594	3 514	56	24	9	23	24	–
Food and kindred products	968	949	19	–	4	15	–	–
Apparel and other fabricated textile products	177	177	–	–	–	–	–	–
Paper and allied products	997	975	5	–	5	–	17	–
Chemicals and allied products	551	538	13	9	–	4	–	–
Other nondurable goods	901	875	19	15	–	4	7	–
Not specified manufacturing industries	136	119	17	–	9	8	–	–
Nonmanufacturing industries	1 752	1 256	458	227	20	211	32	6
Transportation, communications, and other public utilities	317	216	97	5	11	81	4	–
Wholesale and retail trade	631	616	15	–	–	15	–	–
All other industries	804	424	346	222	9	115	28	6
Transport equipment operatives	**17 091**	**14 322**	**2 378**	**566**	**250**	**1 562**	**391**	**–**
Bus drivers	1 126	773	349	14	49	286	4	–
Taxicab drivers and chauffeurs	1 100	1 000	73	20	7	46	27	–
Truck drivers and deliverymen	9 371	7 646	1 416	277	115	1 024	309	–
Other transport equipment operatives	5 494	4 903	540	255	79	206	51	–
Laborers, except farm	**28 446**	**22 755**	**5 313**	**1 900**	**437**	**2 976**	**362**	**16**
Construction laborers	5 752	5 045	688	81	173	434	3	16
Freight, stock, and material handlers	8 455	6 133	2 180	1 011	91	1 078	142	–
Other specified laborers	8 097	6 625	1 339	618	112	609	133	–
Miscellaneous and not specified laborers	6 142	4 952	1 106	190	61	855	84	–
Occupation:								
Miscellaneous laborers	2 668	2 041	595	51	25	519	32	–
Not specified laborers	3 474	2 911	511	139	36	336	52	–
Industry:								
Manufacturing	3 639	3 516	99	55	–	44	24	–
Durable goods	3 054	2 944	86	47	–	39	24	–
Wood products, including furniture	23	23	–	–	–	–	–	–
Metal industries	2 400	2 369	25	–	–	25	6	–
Machinery, including electrical	240	234	6	–	–	6	–	–
Transportation equipment	160	105	55	47	–	8	–	–
Other durable goods	231	213	–	–	–	–	18	–
Nondurable goods	556	551	5	–	–	5	–	–
Food and kindred products	203	203	–	–	–	–	–	–
Not specified manufacturing industries	29	21	8	8	–	–	–	–
Nonmanufacturing industries	2 503	1 436	1 007	135	61	811	60	–
Railroads and railway express service	422	395	27	4	11	12	–	–
Transportation, except railroads	92	67	25	5	5	15	–	–
Communications, and utilities and sanitary services	791	170	621	5	21	595	–	–
Wholesale and retail trade	446	384	30	8	–	22	32	–
All other industries	752	420	304	113	24	167	28	–
Farmers and farm managers	**546**	**46**	**17**	**17**	**–**	**–**	**483**	**–**
Farm laborers and farm foremen	**1 002**	**913**	**31**	**5**	**10**	**16**	**15**	**43**
Paid farm laborers and farm foremen	959	913	31	5	10	16	15	–
Unpaid family workers	43	–	–	–	–	–	–	43
Service workers, except private household[1]	**33 432**	**22 683**	**9 614**	**1 911**	**1 734**	**5 969**	**1 112**	**23**
Cleaning service workers	12 925	9 528	3 205	812	552	1 841	186	6
Food service workers	5 991	5 303	562	220	167	175	120	6
Cooks, except private household	2 620	2 329	243	106	69	68	48	–
Busboys and dishwashers	1 070	986	78	3	45	30	–	6
Health service workers	1 905	947	953	344	326	283	5	–
Personal service workers	2 201	1 223	374	43	126	205	593	11
Protective service workers	4 922	1 470	3 448	211	378	2 859	4	–
Firemen, fire protection	267	24	243	5	3	235	–	–
Guards and watchmen	2 427	1 380	1 047	141	256	650	–	–
Policemen and detectives	2 119	53	2 062	61	119	1 882	4	–
Private household workers	**660**	**619**	**–**	**–**	**–**	**–**	**38**	**3**

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro—Continued								
Female, 16 years old and over	**157 821**	**116 582**	**37 823**	**12 396**	**8 349**	**17 078**	**3 195**	**221**
Professional, technical, and kindred workers	**15 566**	**6 723**	**8 602**	**1 052**	**1 742**	**5 808**	**233**	**8**
Accountants	472	177	278	228	18	32	17	–
Computer specialists	158	111	47	42	–	5	–	–
Librarians	203	63	140	19	13	108	–	–
Mathematical specialists	22	22	–	–	–	–	–	–
Life and physical scientists	115	76	39	8	15	16	–	–
Registered nurses, dietitians, and therapists	3 002	2 089	822	160	266	396	91	–
Dietitians	349	250	99	25	52	22	–	–
Registered nurses	2 474	1 750	637	135	177	325	87	–
Health technologists and technicians	1 053	839	214	37	66	111	–	–
Social scientists	53	9	44	4	4	36	–	–
Social and recreation workers	1 485	481	991	102	439	450	5	8
Teachers: College and university	277	151	126	–	94	32	–	–
Elementary and prekindergarten	3 713	586	3 123	109	369	2 645	4	–
Secondary	1 101	171	930	4	85	841	–	–
Other teachers	256	119	113	29	23	61	24	–
Engineering and science technicians	299	225	74	39	11	24	–	–
Technicians, except health, and engineering and science	36	8	28	–	12	16	–	–
Writers, artists, and entertainers	386	328	39	21	–	18	19	–
Actors and dancers	20	20	–	–	–	–	–	–
Authors, editors, and reporters	86	69	12	12	–	–	5	–
Other professional, technical, and kindred workers	2 935	1 268	1 594	250	327	1 017	73	–
Managers and administrators, except farm	**2 268**	**1 196**	**755**	**370**	**70**	**315**	**298**	**19**
Buyers, purchasing agents, and sales managers	336	183	148	143	5	–	5	–
Restaurant, cafeteria, and bar managers	206	105	4	4	–	–	97	–
School administrators	207	61	142	4	15	123	4	–
Other specified managers and administrators	806	354	405	198	33	174	42	5
Managers and administrators, n.e.c., salaried	549	493	56	21	17	18	–	–
Wholesale and retail trade	160	156	4	–	4	–	–	–
Managers and administrators, n.e.c., self-employed	164	–	–	–	–	–	150	14
Wholesale and retail trade	112	–	–	–	–	–	103	9
Sales workers	**5 014**	**4 497**	**232**	**93**	**74**	**65**	**256**	**29**
Demonstrators, hucksters, and peddlers	98	87	–	–	–	–	11	–
Insurance, real estate agents, and brokers	124	101	11	7	–	4	12	–
Sales clerks, retail trade	3 398	3 078	97	42	45	10	198	25
Salesmen, retail trade	96	96	–	–	–	–	–	–
Other sales workers	1 298	1 135	124	44	29	51	35	4
Clerical and kindred workers	**41 870**	**25 338**	**16 346**	**8 171**	**2 875**	**5 300**	**114**	**72**
Bank tellers	452	421	31	18	7	6	–	–
Bookkeepers	2 200	1 569	599	374	95	130	26	6
Cashiers	2 201	2 016	147	29	49	69	21	17
Counter clerks, except food	580	542	38	29	3	6	–	–
Enumerators and interviewers	192	73	119	59	22	38	–	–
File clerks	2 510	1 358	1 152	581	248	323	–	–
Office machine operators	3 223	1 957	1 248	939	135	174	13	5
Bookkeeping and billing machine operators	217	168	49	40	5	4	–	–
Keypunch operators	2 440	1 448	985	769	80	136	7	–
Payroll and timekeeping clerks	284	168	116	45	15	56	–	–
Receptionists	781	515	263	53	114	96	3	–
Secretaries	5 077	3 545	1 489	437	341	711	8	35
Stenographers	334	111	218	54	76	88	5	–
Telephone operators	1 709	1 513	192	48	27	117	4	–
Typists	5 483	2 750	2 728	984	727	1 017	5	–
Other clerical and kindred workers	16 844	8 800	8 006	4 521	1 016	2 469	29	9
Craftsmen and kindred workers	**2 222**	**1 919**	**227**	**103**	**49**	**75**	**64**	**12**
Foremen, n.e.c.	504	423	75	47	17	11	–	6
Operatives, except transport	**30 930**	**28 852**	**1 796**	**1 146**	**236**	**414**	**263**	**19**
Assemblers	1 999	1 954	45	15	5	25	–	–
Bottling and canning operatives	125	125	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	1 361	1 290	71	42	4	25	–	–
Dressmakers and seamstresses, except factory	605	231	246	234	–	12	124	4
Laundry and drycleaning operatives, including ironers	4 006	3 717	254	76	71	107	35	–
Graders and sorters, manufacturing	142	138	4	4	–	–	–	–
Packers and wrappers, except produce	2 558	2 470	88	40	21	27	–	–
Sewers and stitchers	7 745	7 280	448	386	10	52	13	4
Textile operatives	615	615	–	–	–	–	–	–
Other specified operatives	7 452	7 001	366	228	43	95	74	11
Miscellaneous and not specified operatives	4 322	4 031	274	121	82	71	17	–
Manufacturing	3 624	3 510	108	30	39	39	6	–
Durable goods	1 330	1 256	74	20	26	28	–	–
Machinery, including electrical	593	574	19	6	13	–	–	–
Other durable goods	737	682	55	14	13	28	–	–
Nondurable goods, including not specified manufacturing	2 294	2 254	34	10	13	11	6	–
Food and kindred products	404	396	8	–	8	–	–	–
Apparel and other fabricated textile products	880	865	15	10	–	5	–	–
Nonmanufacturing industries	698	521	166	91	43	32	11	–
Transport equipment operatives	**354**	**233**	**110**	**15**	**40**	**55**	**11**	**–**
Laborers, except farm	**1 824**	**1 617**	**184**	**87**	**29**	**68**	**17**	**6**
Farmers and farm managers	**469**	**56**	**5**	**5**	**–**	**–**	**408**	**–**
Farm laborers and farm foremen	**421**	**400**	**10**	**10**	**–**	**–**	**–**	**11**
Paid farm laborers and farm foremen	410	400	10	10	–	–	–	–
Unpaid family workers	11	–	–	–	–	–	–	11
Service workers, except private household[1]	**37 461**	**26 441**	**9 511**	**1 318**	**3 229**	**4 964**	**1 469**	**40**
Cleaning service workers	7 657	6 028	1 592	159	455	978	31	6
Chambermaids and maids	1 932	1 698	229	18	42	169	5	–
Food service workers	7 574	6 174	1 312	258	365	689	71	17
Cooks, except private household	2 164	1 610	504	92	144	268	50	–
Waiters and food counter workers	2 782	2 500	244	59	64	121	21	17
Health service workers	11 821	8 075	3 471	510	1 617	1 344	275	–
Nursing aides, orderlies, and attendants	6 618	4 357	2 238	276	1 197	765	23	–
Practical nurses	4 122	2 998	872	151	275	446	252	–
Personal service workers	3 750	1 778	1 147	144	370	633	818	7
Hairdressers and cosmetologists	1 335	549	29	–	29	–	757	–
Private household workers	**19 422**	**19 310**	**45**	**26**	**5**	**14**	**62**	**5**
Private household workers, living in	833	828	–	–	–	–	–	5
Private household workers, living out	18 589	18 482	45	26	5	14	62	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Puerto Rican Birth or Parentage								
Male, 16 years old and over	8 101	7 350	469	168	77	224	282	-
Professional, technical, and kindred workers	323	225	82	13	12	57	16	-
Accountants	18	18	-	-	-	-	-	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	7	-	-	-	-	-	7	-
Engineers	39	39	-	-	-	-	-	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-
Civil	6	6	-	-	-	-	-	-
Electrical and electronic	13	13	-	-	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-
Other engineers	20	20	-	-	-	-	-	-
Lawyers and judges	7	7	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-
Chemists	-	-	-	-	-	-	-	-
Physicians, dentists, and related practitioners	18	12	6	-	6	-	-	-
Dentists	-	-	-	-	-	-	-	-
Pharmacists	-	-	-	-	-	-	-	-
Physicians, medical and osteopathic	18	12	6	-	6	-	-	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	12	6	6	6	-	-	-	-
Religious workers	16	16	-	-	-	-	-	-
Social scientists	8	8	-	-	-	-	-	-
Social and recreation workers	13	6	7	7	-	-	-	-
Teachers	78	38	40	-	-	40	-	-
College and university	7	7	-	-	-	-	-	-
Elementary and prekindergarten	21	14	7	-	-	7	-	-
Secondary	50	17	33	-	-	33	-	-
Engineering and science technicians	24	18	6	-	-	6	-	-
Draftsmen and surveyors	11	5	6	-	-	6	-	-
Electrical and electronic engineering technicians	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Airplane pilots	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	37	31	6	-	-	6	-	-
Other professional, technical, and kindred workers	46	26	11	-	6	5	9	-
Managers and administrators, except farm	113	81	13	-	7	6	19	-
Buyers, purchasing agents, and sales managers	18	11	7	-	7	-	-	-
School administrators	-	-	-	-	-	-	-	-
Specified managers and administrators, public administration	6	-	6	-	-	6	-	-
Other specified managers and administrators	7	7	-	-	-	-	-	-
Managers and administrators, n.e.c., salaried	63	63	-	-	-	-	-	-
Manufacturing	20	20	-	-	-	-	-	-
Wholesale and retail trade	30	30	-	-	-	-	-	-
Transportation, communications and other public utilities	-	-	-	-	-	-	-	-
All other industries	13	13	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	19	-	-	-	-	-	19	-
Construction	-	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-
Wholesale and retail trade	12	-	-	-	-	-	12	-
All other industries	7	-	-	-	-	-	7	-
Sales workers	298	204	-	-	-	-	94	-
Insurance agents, brokers, and underwriters	25	25	-	-	-	-	-	-
Real estate agents and brokers	-	-	-	-	-	-	-	-
Sales representatives, manufacturing industries	5	5	-	-	-	-	-	-
Sales representatives, wholesale trade	25	19	-	-	-	-	6	-
Sales clerks, retail trade	176	88	-	-	-	-	88	-
Salesmen, retail trade	12	12	-	-	-	-	-	-
Salesmen of services and construction	17	17	-	-	-	-	-	-
Other sales workers	38	38	-	-	-	-	-	-
Clerical and kindred workers	393	358	35	28	7	-	-	-
Bank tellers and cashiers	28	28	-	-	-	-	-	-
Bookkeepers and billing clerks	13	6	7	7	-	-	-	-
Mail handlers and postal clerks	16	11	5	5	-	-	-	-
Other clerical and kindred workers	336	313	23	16	7	-	-	-
Craftsmen and kindred workers	1 160	1 044	65	54	-	11	51	-
Apparel craftsmen and upholsterers	46	46	-	-	-	-	-	-
Bakers	62	62	-	-	-	-	-	-
Cabinetmakers	4	-	-	-	-	-	4	-
Construction craftsmen	236	225	11	-	-	11	-	-
Carpenters	66	66	-	-	-	-	-	-
Excavating, grading, and road machine operators	26	26	-	-	-	-	-	-
Electricians	8	8	-	-	-	-	-	-
Masons and tile setters	22	22	-	-	-	-	-	-
Painters, construction and maintenance, and paperhangers	45	45	-	-	-	-	-	-
Plasterers and cement finishers	21	21	-	-	-	-	-	-
Plumbers and pipe fitters	40	29	11	-	-	11	-	-
Other construction craftsmen	8	8	-	-	-	-	-	-
Foremen, n.e.c	133	127	-	-	-	-	6	-
Manufacturing	91	91	-	-	-	-	-	-
Nonmanufacturing industries	42	36	-	-	-	-	6	-
Linemen and servicemen, telephone and power	6	6	-	-	-	-	-	-
Locomotive engineers and firemen	6	6	-	-	-	-	-	-
Mechanics and repairmen	287	228	26	26	-	-	33	-
Air conditioning, heating, and refrigeration	15	8	7	7	-	-	-	-
Aircraft	-	-	-	-	-	-	-	-
Automobile, including body	141	108	8	8	-	-	25	-
Radio and television	13	5	-	-	-	-	8	-
Other mechanics and repairmen	118	107	11	11	-	-	-	-
Metal craftsmen, except mechanics	136	128	8	8	-	-	-	-
Machinists and job and die setters	48	40	8	8	-	-	-	-
Sheetmetal workers and tinsmiths	6	6	-	-	-	-	-	-
Tool and die makers	-	-	-	-	-	-	-	-
Other metal craftsmen	82	82	-	-	-	-	-	-
Printing craftsmen	32	32	-	-	-	-	-	-
Compositors and typesetters	7	7	-	-	-	-	-	-
Pressmen and plate printers, printing	18	18	-	-	-	-	-	-
Stationary engineers and power station operators	13	13	-	-	-	-	-	-
Other craftsmen and kindred workers	199	171	20	20	-	-	8	-

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Puerto Rican Birth or Parentage—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**2 960**	**2 899**	**48**	**34**	**–**	**14**	**13**	**–**
Assemblers	211	211	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	47	47	–	–	–	–	–	–
Garage workers and gas station attendants	22	22	–	–	–	–	–	–
Laundry and drycleaning operatives, n.e.c	6	6	–	–	–	–	–	–
Meat cutters and butchers	64	64	–	–	–	–	–	–
Mine operatives, n.e.c	26	26	–	–	–	–	–	–
Packers and wrappers, except produce	266	260	6	–	–	6	–	–
Painters, manufactured articles	85	85	–	–	–	–	–	–
Precision machine operatives	108	108	–	–	–	–	–	–
Sawyers	29	29	–	–	–	–	–	–
Stationary firemen	21	21	–	–	–	–	–	–
Textile operatives	140	132	–	–	–	–	8	–
Welders and flamecutters	87	87	–	–	–	–	–	–
Other metalworking operatives	166	158	8	–	–	8	–	–
Other specified operatives	610	588	17	17	–	–	5	–
Miscellaneous and not specified operatives	1 072	1 055	17	17	–	–	–	–
Occupation:								
Machine operatives, miscellaneous specified	439	422	17	17	–	–	–	–
Machine operatives, not specified	281	281	–	–	–	–	–	–
Miscellaneous operatives	262	262	–	–	–	–	–	–
Not specified operatives	90	90	–	–	–	–	–	–
Industry:								
Manufacturing	1 027	1 010	17	17	–	–	–	–
Durable goods	525	508	17	17	–	–	–	–
Wood products, including furniture	44	44	–	–	–	–	–	–
Primary metal industries	146	139	7	7	–	–	–	–
Fabricated metal industries	101	101	–	–	–	–	–	–
Machinery, including electrical	120	110	10	10	–	–	–	–
Motor vehicles and equipment	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	22	22	–	–	–	–	–	–
Other durable goods	92	92	–	–	–	–	–	–
Nondurable goods	502	502	–	–	–	–	–	–
Food and kindred products	174	174	–	–	–	–	–	–
Apparel and other fabricated textile products	14	14	–	–	–	–	–	–
Paper and allied products	132	132	–	–	–	–	–	–
Chemicals and allied products	53	53	–	–	–	–	–	–
Other nondurable goods	129	129	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	45	45	–	–	–	–	–	–
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–
Wholesale and retail trade	39	39	–	–	–	–	–	–
All other industries	6	6	–	–	–	–	–	–
Transport equipment operatives	**340**	**312**	**23**	**8**	**15**	**–**	**5**	**–**
Bus drivers	24	24	–	–	–	–	–	–
Taxicab drivers and chauffeurs	8	8	–	–	–	–	–	–
Truck drivers and deliverymen	188	167	16	8	8	–	5	–
Other transport equipment operatives	120	113	7	–	7	–	–	–
Laborers, except farm	**1 073**	**986**	**57**	**6**	**20**	**31**	**30**	**–**
Construction laborers	179	158	21	–	12	9	–	–
Freight, stock, and material handlers	249	237	6	6	–	–	6	–
Other specified laborers	213	180	9	–	–	9	24	–
Miscellaneous and not specified laborers	432	411	21	–	8	13	–	–
Occupation:								
Miscellaneous laborers	149	143	6	–	–	6	–	–
Not specified laborers	283	268	15	–	8	7	–	–
Industry:								
Manufacturing	325	319	6	–	–	6	–	–
Durable goods	275	269	6	–	–	6	–	–
Wood products, including furniture	22	22	–	–	–	–	–	–
Metal industries	208	202	6	–	–	6	–	–
Machinery, including electrical	7	7	–	–	–	–	–	–
Transportation equipment	30	30	–	–	–	–	–	–
Other durable goods	8	8	–	–	–	–	–	–
Nondurable goods	42	42	–	–	–	–	–	–
Food and kindred products	24	24	–	–	–	–	–	–
Not specified manufacturing industries	8	8	–	–	–	–	–	–
Nonmanufacturing industries	107	92	15	–	8	7	–	–
Railroads and railway express service	26	26	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	8	–	8	–	8	–	–	–
Wholesale and retail trade	53	53	–	–	–	–	–	–
All other industries	20	13	7	–	–	7	–	–
Farmers and farm managers	**6**	**6**	**–**	**–**	**–**	**–**	**–**	**–**
Farm laborers and farm foremen	**367**	**367**	**–**	**–**	**–**	**–**	**–**	**–**
Paid farm laborers and farm foremen	367	367	–	–	–	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 060**	**868**	**146**	**25**	**16**	**105**	**46**	**–**
Cleaning service workers	280	210	58	–	16	42	12	–
Food service workers	545	519	10	–	–	10	16	–
Cooks, except private household	218	199	10	–	–	10	9	–
Busboys and dishwashers	191	191	–	–	–	–	–	–
Health service workers	23	15	8	–	–	8	–	–
Personal service workers	73	28	27	19	–	8	18	–
Protective service workers	51	8	43	6	–	37	–	–
Firemen, fire protection	–	–	–	–	–	–	–	–
Guards and watchmen	23	8	15	6	–	9	–	–
Policemen and detectives	28	–	28	–	–	28	–	–
Private household workers	**8**	**–**	**–**	**–**	**–**	**–**	**8**	**–**

[1] Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Puerto Rican Birth or Parentage—Continued								
Female, 16 years old and over	3 311	2 857	360	71	58	231	69	25
Professional, technical, and kindred workers	307	203	99	14	29	56	5	–
Accountants	9	9	–	–	–	–	–	–
Computer specialists	–	–	–	–	–	–	–	–
Librarians	–	–	–	–	–	–	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	47	33	9	–	–	9	5	–
Dietitians	14	14	–	–	–	–	–	–
Registered nurses	26	12	9	–	–	9	5	–
Health technologists and technicians	29	14	15	–	8	7	–	–
Social scientists	17	17	–	–	–	–	–	–
Social and recreation workers	26	–	26	8	12	6	–	–
Teachers: College and university	14	14	–	–	–	–	–	–
Elementary and prekindergarten	60	40	20	–	–	20	–	–
Secondary	19	–	19	–	9	10	–	–
Other teachers	9	9	–	–	–	–	–	–
Engineering and science technicians	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	26	26	–	–	–	–	–	–
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	51	41	10	6	–	4	–	–
Managers and administrators, except farm	57	35	5	–	–	5	17	–
Buyers, purchasing agents, and sales managers	5	5	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	–	–	–	–	–	–	–	–
School administrators	–	–	–	–	–	–	–	–
Other specified managers and administrators	40	23	5	–	–	5	12	–
Managers and administrators, n.e.c., salaried	7	7	–	–	–	–	–	–
Wholesale and retail trade	7	7	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	5	–	–	–	–	–	5	–
Wholesale and retail trade	–	–	–	–	–	–	–	–
Sales workers	95	74	–	–	–	–	6	15
Demonstrators, hucksters, and peddlers	–	–	–	–	–	–	–	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–
Sales clerks, retail trade	53	32	–	–	–	–	6	15
Salesmen, retail trade	–	–	–	–	–	–	–	–
Other sales workers	42	42	–	–	–	–	–	–
Clerical and kindred workers	481	319	162	52	18	92	–	–
Bank tellers	9	9	–	–	–	–	–	–
Bookkeepers	26	26	–	–	–	–	–	–
Cashiers	15	15	–	–	–	–	–	–
Counter clerks, except food	5	5	–	–	–	–	–	–
Enumerators and interviewers	16	–	16	5	–	11	–	–
File clerks	38	14	24	6	12	6	–	–
Office machine operators	25	13	12	6	6	–	–	–
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–
Keypunch operators	25	13	12	6	6	–	–	–
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–
Receptionists	29	19	10	–	–	10	–	–
Secretaries	76	69	7	–	–	7	–	–
Stenographers	8	8	–	–	–	–	–	–
Telephone operators	16	16	–	–	–	–	–	–
Typists	62	49	13	8	–	5	–	–
Other clerical and kindred workers	156	76	80	27	–	53	–	–
Craftsmen and kindred workers	104	92	12	5	–	7	–	–
Foremen, n.e.c.	17	10	7	–	–	7	–	–
Operatives, except transport	1 824	1 778	32	–	–	32	14	–
Assemblers	63	63	–	–	–	–	–	–
Bottling and canning operatives	14	14	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	34	34	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	28	20	–	–	–	–	8	–
Laundry and drycleaning operatives, including ironers	90	90	–	–	–	–	–	–
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	102	102	–	–	–	–	–	–
Sewers and stitchers	838	806	26	–	–	26	6	–
Textile operatives	58	58	–	–	–	–	–	–
Other specified operatives	284	278	6	–	–	6	–	–
Miscellaneous and not specified operatives	313	313	–	–	–	–	–	–
Manufacturing	284	284	–	–	–	–	–	–
Durable goods	71	71	–	–	–	–	–	–
Machinery, including electrical	29	29	–	–	–	–	–	–
Other durable goods	42	42	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	213	213	–	–	–	–	–	–
Food and kindred products	53	53	–	–	–	–	–	–
Apparel and other fabricated textile products	116	116	–	–	–	–	–	–
Nonmanufacturing industries	29	29	–	–	–	–	–	–
Transport equipment operatives	10	10	–	–	–	–	–	–
Laborers, except farm	36	31	–	–	–	–	5	–
Farmers and farm managers	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	15	5	–	–	–	–	–	10
Paid farm laborers and farm foremen	5	5	–	–	–	–	–	–
Unpaid family workers	10	–	–	–	–	–	–	10
Service workers, except private household[1]	351	279	50	–	11	39	22	–
Cleaning service workers	53	53	–	–	–	–	–	–
Chambermaids and maids	–	–	–	–	–	–	–	–
Food service workers	92	83	9	–	–	9	–	–
Cooks, except private household	27	27	–	–	–	–	–	–
Waiters and food counter workers	34	34	–	–	–	–	–	–
Health service workers	53	46	7	–	7	–	–	–
Nursing aides, orderlies, and attendants	46	39	7	–	7	–	–	–
Practical nurses	–	–	–	–	–	–	–	–
Personal service workers	117	67	28	–	4	24	22	–
Hairdressers and cosmetologists	69	47	–	–	–	–	22	–
Private household workers	31	31	–	–	–	–	–	–
Private household workers, living in	6	6	–	–	–	–	–	–
Private household workers, living out	25	25	–	–	–	–	–	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ALLENTOWN–BETHLEHEM–EASTON, PA.–N.J., SMSA								
Total								
Male, 16 years old and over	**142 679**	**120 442**	**11 041**	**2 127**	**2 331**	**6 583**	**10 861**	**335**
Professional, technical, and kindred workers	**18 549**	**13 366**	**3 280**	**285**	**644**	**2 351**	**1 903**	**–**
Accountants	1 417	1 207	111	60	42	9	99	–
Architects	62	27	–	–	–	–	35	–
Computer specialists	549	538	11	–	–	11	–	–
Engineers	3 333	3 118	180	81	53	46	35	–
Aeronautical and astronautical	11	5	6	6	–	–	–	–
Civil	358	267	83	–	42	41	8	–
Electrical and electronic	789	753	26	26	–	–	10	–
Mechanical	495	466	18	18	–	–	11	–
Other engineers	1 680	1 627	47	31	11	5	6	–
Lawyers and judges	396	121	17	–	17	–	258	–
Life and physical scientists	533	511	22	9	13	–	–	–
Chemists	403	403	–	–	–	–	–	–
Physicians, dentists, and related practitioners	1 377	359	5	–	–	5	1 013	–
Dentists	258	11	–	–	–	–	247	–
Pharmacists	211	160	–	–	–	–	51	–
Physicians, medical and osteopathic	727	170	5	–	–	5	552	–
Other related practitioners	181	18	–	–	–	–	163	–
Health technologists and technicians	146	92	27	6	9	12	27	–
Religious workers	581	501	8	–	–	8	72	–
Social scientists	145	105	25	–	5	20	15	–
Social and recreation workers	165	53	107	–	55	52	5	–
Teachers	3 627	1 352	2 215	10	274	1 931	60	–
College and university	1 079	861	218	5	158	55	–	–
Elementary and prekindergarten	605	76	529	–	51	478	–	–
Secondary	1 770	325	1 445	5	60	1 380	–	–
Engineering and science technicians	2 965	2 811	139	32	48	59	15	–
Draftsmen and surveyors	1 654	1 573	71	6	16	49	10	–
Electrical and electronic engineering technicians	314	292	17	11	–	6	5	–
Technicians, except health, and engineering and science	241	156	74	37	5	32	11	–
Airplane pilots	102	91	–	–	–	–	11	–
Writers, artists, and entertainers	1 047	873	23	12	6	5	151	–
Other professional, technical, and kindred workers	1 965	1 542	316	38	117	161	107	–
Managers and administrators, except farm	**12 750**	**9 557**	**1 026**	**157**	**255**	**614**	**2 135**	**32**
Buyers, purchasing agents, and sales managers	1 834	1 705	31	4	13	14	98	–
School administrators	382	137	245	–	31	214	–	–
Specified managers and administrators, public administration	529	–	529	123	113	293	–	–
Other specified managers and administrators	2 246	1 772	81	25	26	30	382	11
Managers and administrators, n.e.c., salaried	6 083	5 943	140	5	72	63	–	–
Manufacturing	2 388	2 388	–	–	–	–	–	–
Wholesale and retail trade	1 696	1 666	30	–	30	–	–	–
Transportation, communications and other public utilities	549	542	7	–	–	7	–	–
All other industries	1 450	1 347	103	5	42	56	–	–
Managers and administrators, n.e.c., self employed	1 676	–	–	–	–	–	1 655	21
Construction	360	–	–	–	–	–	360	–
Manufacturing	184	–	–	–	–	–	175	9
Wholesale and retail trade	865	–	–	–	–	–	865	–
All other industries	267	–	–	–	–	–	255	12
Sales workers	**8 379**	**7 111**	**119**	**5**	**82**	**32**	**1 114**	**35**
Insurance agents, brokers, and underwriters	939	775	11	–	6	5	153	–
Real estate agents and brokers	273	188	–	–	–	–	85	–
Sales representatives, manufacturing industries	1 098	1 078	4	–	–	4	16	–
Sales representatives, wholesale trade	1 508	1 361	11	–	5	6	131	5
Sales clerks, retail trade	2 192	1 707	54	–	48	6	401	30
Salesmen, retail trade	1 011	843	5	5	–	–	163	–
Salesmen of services and construction	304	251	24	–	19	5	29	–
Other sales workers	1 054	908	10	–	4	6	136	–
Clerical and kindred workers	**11 770**	**10 029**	**1 588**	**1 243**	**163**	**182**	**153**	**–**
Bank tellers and cashiers	553	486	52	–	47	5	15	–
Bookkeepers and billing clerks	1 369	1 266	75	28	13	34	28	–
Mail handlers and postal clerks	1 276	156	1 120	1 115	5	–	–	–
Other clerical and kindred workers	8 572	8 121	341	100	98	143	110	–
Craftsmen and kindred workers	**33 506**	**30 006**	**1 062**	**127**	**310**	**625**	**2 402**	**36**
Apparel craftsmen and upholsterers	420	373	5	–	5	–	42	–
Bakers	264	220	–	–	–	–	44	–
Cabinetmakers	155	122	–	–	–	–	33	–
Construction craftsmen	7 954	6 577	279	5	88	186	1 098	–
Carpenters	2 328	1 914	46	–	24	22	368	–
Excavating, grading, and road machine operators	609	483	80	–	19	61	46	–
Electricians	1 553	1 421	24	–	10	14	108	–
Masons and tile setters	622	558	21	–	–	21	43	–
Painters, construction and maintenance, and paperhangers	804	571	56	5	16	35	177	–
Plasterers and cement finishers	258	228	–	–	–	–	30	–
Plumbers and pipe fitters	1 120	828	45	–	19	26	247	–
Other construction craftsmen	660	574	7	–	–	7	79	–
Foremen, n.e.c.	5 524	5 254	197	18	69	110	73	–
Manufacturing	4 047	4 015	4	–	4	–	28	–
Nonmanufacturing industries	1 477	1 239	193	18	65	110	45	–
Linemen and servicemen, telephone and power	1 094	1 091	3	–	–	3	–	–
Locomotive engineers and firemen	227	220	7	–	–	7	–	–
Mechanics and repairmen	7 950	6 989	284	60	51	173	663	14
Air conditioning, heating, and refrigeration	392	342	5	–	5	–	45	–
Aircraft	51	46	5	5	–	–	–	–
Automobile, including body	2 793	2 273	112	22	28	62	399	9
Radio and television	353	296	4	–	–	4	53	–
Other mechanics and repairmen	4 361	4 032	158	33	18	107	166	5
Metal craftsmen, except mechanics	3 469	3 405	24	10	9	5	34	6
Machinists and job and die setters	1 108	1 088	5	5	–	–	15	–
Sheetmetal workers and tinsmiths	390	381	3	–	3	–	6	–
Tool and die makers	364	354	5	5	–	–	5	–
Other metal craftsmen	1 607	1 582	11	–	6	5	8	6
Printing craftsmen	1 463	1 408	–	–	–	–	55	–
Compositors and typesetters	768	729	–	–	–	–	39	–
Pressmen and plate printers, printing	544	528	–	–	–	–	16	–
Stationary engineers and power station operators	482	381	101	4	9	88	–	–
Other craftsmen and kindred workers	4 504	3 966	162	30	79	53	360	16

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ALLENTOWN–BETHLEHEM–EASTON, PA.–N.J., SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**25 811**	**25 145**	**256**	**42**	**67**	**147**	**400**	**10**
Assemblers	2 125	2 108	17	–	–	17	–	–
Checkers, examiners, and inspectors; manufacturing	1 270	1 251	19	5	14	–	–	–
Garage workers and gas station attendants	944	836	4	–	–	4	99	5
Laundry and drycleaning operatives, n.e.c	135	96	12	–	–	12	27	–
Meat cutters and butchers	565	506	–	–	–	–	59	–
Mine operatives, n.e.c	269	259	4	–	–	4	6	–
Packers and wrappers, except produce	987	974	5	–	5	–	8	–
Painters, manufactured articles	386	377	–	–	–	–	9	–
Precision machine operatives	2 114	2 097	11	–	11	–	6	–
Sawyers	272	267	–	–	–	–	5	–
Stationary firemen	567	526	41	5	8	28	–	–
Textile operatives	1 163	1 157	–	–	–	–	6	–
Welders and flamecutters	2 013	1 984	4	4	–	–	25	–
Other metalworking operatives	1 443	1 410	12	–	–	12	21	–
Other specified operatives	4 311	4 189	52	12	17	23	70	–
Miscellaneous and not specified operatives	7 247	7 108	75	16	12	47	59	5
Occupation:								
Machine operatives, miscellaneous specified	2 940	2 889	22	–	6	16	24	5
Machine operatives, not specified	1 239	1 211	16	10	6	–	12	–
Miscellaneous operatives	1 654	1 625	26	6	–	20	3	–
Not specified operatives	1 414	1 383	11	–	–	11	20	–
Industry:								
Manufacturing	6 635	6 574	25	4	–	21	36	–
Durable goods	4 049	4 006	25	4	–	21	18	–
Wood products, including furniture	86	86	–	–	–	–	–	–
Primary metal industries	1 355	1 337	5	–	–	5	13	–
Fabricated metal industries	449	439	10	4	–	6	–	–
Machinery, including electrical	1 094	1 094	–	–	–	–	–	–
Motor vehicles and equipment	164	164	–	–	–	–	–	–
Transportation equipment, except motor vehicles	5	5	–	–	–	–	–	–
Other durable goods	896	881	10	–	–	10	5	–
Nondurable goods	2 553	2 535	–	–	–	–	18	–
Food and kindred products	540	537	–	–	–	–	3	–
Apparel and other fabricated textile products	460	460	–	–	–	–	–	–
Paper and allied products	532	532	–	–	–	–	–	–
Chemicals and allied products	566	566	–	–	–	–	–	–
Other nondurable goods	455	440	–	–	–	–	15	–
Not specified manufacturing industries	33	33	–	–	–	–	–	–
Nonmanufacturing industries	612	534	50	12	12	26	23	5
Transportation, communications, and other public utilities	142	128	6	–	–	6	8	–
Wholesale and retail trade	273	258	–	–	–	–	15	–
All other industries	197	148	44	12	12	20	–	5
Transport equipment operatives	**8 724**	**7 950**	**416**	**42**	**63**	**311**	**348**	**10**
Bus drivers	311	240	50	–	9	41	21	–
Taxicab drivers and chauffeurs	175	164	–	–	–	–	11	–
Truck drivers and deliverymen	6 453	5 839	338	38	54	246	271	5
Other transport equipment operatives	1 785	1 707	28	4	–	24	45	5
Laborers, except farm	**10 044**	**9 085**	**716**	**108**	**163**	**445**	**223**	**20**
Construction laborers	1 724	1 380	341	–	114	227	–	3
Freight, stock, and material handlers	3 431	3 222	121	87	–	34	82	6
Other specified laborers	1 653	1 403	132	11	44	77	112	6
Miscellaneous and not specified laborers	3 236	3 080	122	10	5	107	29	5
Occupation:								
Miscellaneous laborers	1 324	1 221	73	–	–	73	25	5
Not specified laborers	1 912	1 859	49	10	5	34	4	–
Industry:								
Manufacturing	2 525	2 497	19	5	5	9	4	5
Durable goods	2 199	2 175	15	5	5	5	4	5
Wood products, including furniture	27	27	–	–	–	–	–	–
Metal industries	1 654	1 630	15	5	5	5	4	5
Machinery, including electrical	157	157	–	–	–	–	–	–
Transportation equipment	32	32	–	–	–	–	–	–
Other durable goods	329	329	–	–	–	–	–	–
Nondurable goods	320	316	4	–	–	4	–	–
Food and kindred products	76	76	–	–	–	–	–	–
Not specified manufacturing industries	6	6	–	–	–	–	–	–
Nonmanufacturing industries	711	583	103	5	–	98	25	–
Railroads and railway express service	163	150	13	–	–	13	–	–
Transportation, except railroads	28	28	–	–	–	–	–	–
Communications, and utilities and sanitary services	145	74	64	–	–	64	7	–
Wholesale and retail trade	150	150	–	–	–	–	–	–
All other industries	225	181	26	5	–	21	18	–
Farmers and farm managers	**1 273**	**89**	**19**	**–**	**9**	**10**	**1 165**	**–**
Farm laborers and farm foremen	**1 065**	**888**	**42**	**6**	**21**	**15**	**13**	**122**
Paid farm laborers and farm foremen	943	888	42	6	21	15	13	–
Unpaid family workers	122	–	–	–	–	–	–	122
Service workers, except private household[1]	**10 744**	**7 152**	**2 517**	**112**	**554**	**1 851**	**1 005**	**70**
Cleaning service workers	4 129	3 233	829	98	117	614	46	21
Food service workers	2 491	2 009	49	–	21	28	397	36
Cooks, except private household	780	607	26	–	16	10	137	10
Busboys and dishwashers	422	413	9	–	–	9	–	–
Health service workers	288	158	130	–	74	56	–	–
Personal service workers	950	426	17	–	–	17	502	5
Protective service workers	2 247	793	1 432	14	328	1 090	14	8
Firemen, fire protection	359	38	321	–	–	321	–	–
Guards and watchmen	908	725	166	–	85	81	9	8
Policemen and detectives	897	16	876	14	238	624	5	–
Private household workers	**64**	**64**	**–**	**–**	**–**	**–**	**–**	**–**

[1]Includes allocated cases not shown separately.

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

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

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

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

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	**87 255**	**74 676**	**9 146**	**596**	**1 581**	**6 969**	**2 577**	**856**
Professional, technical, and kindred workers	**10 346**	**5 852**	**4 081**	**53**	**493**	**3 535**	**381**	**32**
Accountants	249	205	27	6	6	15	12	5
Computer specialists	83	67	16	–	–	16	–	–
Librarians	183	62	121	–	4	117	–	–
Mathematical specialists	19	19	–	–	–	–	–	–
Life and physical scientists	68	62	6	–	–	6	–	–
Registered nurses, dietitians, and therapists	2 797	2 299	380	6	112	262	105	13
Dietitians	42	29	13	–	5	8	–	–
Registered nurses	2 645	2 192	335	6	98	231	105	13
Health technologists and technicians	404	379	19	–	5	14	6	–
Social scientists	38	13	20	–	5	15	5	–
Social and recreation workers	266	127	139	5	69	65	–	–
Teachers: College and university	308	203	105	–	52	53	–	–
Elementary and prekindergarten	2 908	728	2 174	17	124	2 033	6	–
Secondary	1 094	362	732	5	26	701	–	–
Other teachers	353	184	43	–	13	30	126	–
Engineering and science technicians	180	176	4	–	–	4	–	–
Technicians, except health, and engineering and science	22	–	22	–	11	11	–	–
Writers, artists, and entertainers	443	406	–	–	–	–	37	–
Actors and dancers	12	12	–	–	–	–	–	–
Authors, editors, and reporters	152	148	–	–	–	–	4	–
Other professional, technical, and kindred workers	931	560	273	14	66	193	84	14
Managers and administrators, except farm	**1 913**	**1 248**	**167**	**16**	**28**	**123**	**405**	**93**
Buyers, purchasing agents, and sales managers	410	350	15	–	4	11	36	9
Restaurant, cafeteria, and bar managers	221	95	18	–	–	18	76	32
School administrators	110	65	40	–	–	40	5	–
Other specified managers and administrators	288	181	80	16	19	45	17	10
Managers and administrators, n.e.c., salaried	571	557	14	–	5	9	–	–
Wholesale and retail trade	207	207	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	313	–	–	–	–	–	271	42
Wholesale and retail trade	197	–	–	–	–	–	176	21
Sales workers	**5 968**	**5 552**	**38**	**–**	**16**	**22**	**272**	**106**
Demonstrators, hucksters, and peddlers	223	194	5	–	–	5	24	–
Insurance, real estate agents, and brokers	138	94	–	–	–	–	44	–
Sales clerks, retail trade	4 808	4 548	21	–	16	5	159	80
Salesmen, retail trade	151	141	–	–	–	–	5	5
Other sales workers	648	575	12	–	–	12	40	21
Clerical and kindred workers	**23 435**	**20 643**	**2 352**	**412**	**422**	**1 518**	**210**	**230**
Bank tellers	612	565	47	33	9	5	–	–
Bookkeepers	2 966	2 653	159	27	29	103	87	67
Cashiers	1 539	1 434	77	–	6	71	24	4
Counter clerks, except food	215	206	–	–	–	–	9	–
Enumerators and interviewers	33	10	23	11	–	12	–	–
File clerks	658	623	35	6	–	29	–	–
Office machine operators	1 091	1 041	50	16	–	34	–	–
Bookkeeping and billing machine operators	150	133	17	11	–	6	–	–
Keypunch operators	722	710	12	5	–	7	–	–
Payroll and timekeeping clerks	416	392	24	–	9	15	–	–
Receptionists	519	488	26	4	11	11	5	–
Secretaries	6 938	6 077	755	66	146	543	25	81
Stenographers	308	245	63	10	15	38	–	–
Telephone operators	724	683	41	–	23	18	–	–
Typists	2 582	2 253	316	51	76	189	7	6
Other clerical and kindred workers	4 834	3 973	736	188	98	450	53	72
Craftsmen and kindred workers	**1 639**	**1 517**	**28**	**8**	**–**	**20**	**72**	**22**
Foremen, n.e.c.	626	621	–	–	–	–	5	–
Operatives, except transport	**28 681**	**28 219**	**257**	**49**	**78**	**130**	**135**	**70**
Assemblers	2 125	2 106	19	13	–	6	–	–
Bottling and canning operatives	45	40	–	–	–	–	–	5
Checkers, examiners, and inspectors; manufacturing	1 503	1 486	9	9	–	–	8	–
Dressmakers and seamstresses, except factory	267	211	5	–	5	–	51	–
Laundry and drycleaning operatives, including ironers	1 353	1 298	45	–	15	30	5	5
Graders and sorters, manufacturing	128	128	–	–	–	–	–	–
Packers and wrappers, except produce	1 697	1 683	14	–	10	4	–	–
Sewers and stitchers	12 538	12 425	82	10	28	44	27	4
Textile operatives	1 130	1 123	7	4	–	3	–	–
Other specified operatives	2 979	2 895	27	–	7	20	13	44
Miscellaneous and not specified operatives	4 916	4 824	49	13	13	23	31	12
Manufacturing	4 633	4 577	34	7	13	14	16	6
Durable goods	1 534	1 503	20	7	13	–	11	–
Machinery, including electrical	942	925	12	7	5	–	5	–
Other durable goods	592	578	8	–	8	–	6	–
Nondurable goods, including not specified manufacturing	3 099	3 074	14	–	–	14	5	6
Food and kindred products	116	110	–	–	–	–	–	6
Apparel and other fabricated textile products	2 022	2 013	9	–	–	9	–	–
Nonmanufacturing industries	283	247	15	6	–	9	15	6
Transport equipment operatives	**289**	**173**	**96**	**12**	**–**	**84**	**20**	**–**
Laborers, except farm	**725**	**681**	**6**	**–**	**–**	**6**	**29**	**9**
Farmers and farm managers	**92**	**4**	**–**	**–**	**–**	**–**	**88**	**–**
Farm laborers and farm foremen	**190**	**67**	**–**	**–**	**–**	**–**	**–**	**123**
Paid farm laborers and farm foremen	67	67	–	–	–	–	–	–
Unpaid family workers	123	–	–	–	–	–	–	123
Service workers, except private household[1]	**12 308**	**9 062**	**2 121**	**46**	**544**	**1 531**	**954**	**171**
Cleaning service workers	1 785	1 516	245	16	41	188	18	6
Chambermaids and maids	483	453	25	–	–	25	5	–
Food service workers	5 458	4 340	745	–	72	673	243	130
Cooks, except private household	1 061	616	236	–	15	221	148	61
Waiters and food counter workers	3 037	2 776	135	–	13	122	77	49
Health service workers	2 450	1 746	661	10	312	339	38	5
Nursing aides, orderlies, and attendants	1 308	835	468	10	263	195	–	5
Practical nurses	762	539	185	–	49	136	38	–
Personal service workers	1 735	915	180	14	60	106	625	15
Hairdressers and cosmetologists	1 216	588	20	–	15	5	593	15
Private household workers	**1 669**	**1 658**	**–**	**–**	**–**	**–**	**11**	**–**
Private household workers, living in	165	165	–	–	–	–	–	–
Private household workers, living out	1 504	1 493	–	–	–	–	11	–

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
BINGHAMTON, N.Y.–PA., SMSA								
Total								
Male, 16 years old and over	73 297	57 991	9 273	1 248	3 540	4 485	5 851	182
Professional, technical, and kindred workers	14 720	11 361	2 506	139	1 088	1 279	853	–
Accountants	777	654	75	24	41	10	48	–
Architects	25	4	5	–	5	–	16	–
Computer specialists	1 308	1 275	28	–	21	7	5	–
Engineers	4 204	4 036	136	22	101	13	32	–
Aeronautical and astronautical	47	47	–	–	–	–	–	–
Civil	203	110	93	9	71	13	–	–
Electrical and electronic	1 796	1 777	14	4	10	–	5	–
Mechanical	461	455	–	–	–	–	6	–
Other engineers	1 697	1 647	29	9	20	–	21	–
Lawyers and judges	294	87	38	6	5	27	169	–
Life and physical scientists	236	222	14	14	–	–	–	–
Chemists	173	173	–	–	–	–	–	–
Physicians, dentists, and related practitioners	624	182	24	4	20	–	418	–
Dentists	126	9	–	–	–	–	117	–
Pharmacists	110	84	–	–	–	–	26	–
Physicians, medical and osteopathic	329	89	20	–	20	–	220	–
Other related practitioners	59	–	4	4	–	–	55	–
Health technologists and technicians	80	52	23	–	6	17	5	–
Religious workers	374	329	–	–	–	–	45	–
Social scientists	83	61	22	–	–	22	–	–
Social and recreation workers	168	67	101	5	29	67	–	–
Teachers	1 919	371	1 534	9	561	964	14	–
College and university	529	65	464	5	363	96	–	–
Elementary and prekindergarten	493	72	421	–	85	336	–	–
Secondary	727	86	641	–	113	528	–	–
Engineering and science technicians	2 052	1 918	127	18	86	23	7	–
Draftsmen and surveyors	538	468	63	–	51	12	7	–
Electrical and electronic engineering technicians	916	896	20	14	–	6	–	–
Technicians, except health, and engineering and science	100	68	27	16	–	11	5	–
Airplane pilots	27	27	–	–	–	–	–	–
Writers, artists, and entertainers	961	880	46	–	37	9	35	–
Other professional, technical, and kindred workers	1 515	1 155	306	21	176	109	54	–
Managers and administrators, except farm	7 588	5 527	851	158	232	461	1 175	35
Buyers, purchasing agents, and sales managers	961	821	47	15	22	10	70	23
School administrators	269	63	206	–	51	155	–	–
Specified managers and administrators, public administration	340	–	340	124	63	153	–	–
Other specified managers and administrators	1 201	870	94	4	30	60	230	7
Managers and administrators, n.e.c., salaried	3 937	3 773	164	15	66	83	–	–
Manufacturing	1 708	1 704	4	4	–	–	–	–
Wholesale and retail trade	1 089	1 089	–	–	–	–	–	–
Transportation, communications and other public utilities	245	229	16	6	5	5	–	–
All other industries	895	751	144	5	61	78	–	–
Managers and administrators, n.e.c., self-employed	880	–	–	–	–	–	875	5
Construction	197	–	–	–	–	–	197	–
Manufacturing	76	–	–	–	–	–	76	–
Wholesale and retail trade	448	–	–	–	–	–	448	–
All other industries	159	–	–	–	–	–	154	5
Sales workers	4 303	3 758	40	15	11	14	500	5
Insurance agents, brokers, and underwriters	550	479	–	–	–	–	71	–
Real estate agents and brokers	153	101	–	–	–	–	52	–
Sales representatives, manufacturing industries	425	414	–	–	–	–	11	–
Sales representatives, wholesale trade	751	720	–	–	–	–	31	–
Sales clerks, retail trade	1 069	882	16	6	6	4	166	5
Salesmen, retail trade	567	460	–	–	–	–	107	–
Salesmen of services and construction	169	135	15	5	5	5	19	–
Other sales workers	619	567	9	4	–	5	43	–
Clerical and kindred workers	5 737	4 656	1 026	724	160	142	46	9
Bank tellers and cashiers	159	149	–	–	–	–	10	–
Bookkeepers and billing clerks	442	407	29	14	11	4	6	–
Mail handlers and postal clerks	712	88	620	605	11	4	–	4
Other clerical and kindred workers	4 424	4 012	377	105	138	134	30	5
Craftsmen and kindred workers	14 388	12 376	911	46	366	499	1 087	14
Apparel craftsmen and upholsterers	341	314	6	–	6	–	21	–
Bakers	79	64	–	–	–	–	15	–
Cabinetmakers	71	51	–	–	–	–	20	–
Construction craftsmen	3 306	2 446	300	6	101	193	554	6
Carpenters	994	738	22	–	9	13	228	6
Excavating, grading, and road machine operators	535	323	171	–	58	113	41	–
Electricians	460	418	14	–	9	5	28	–
Masons and tile setters	251	175	11	–	–	11	65	–
Painters, construction and maintenance, and paperhangers	303	175	50	6	16	28	78	–
Plasterers and cement finishers	83	69	–	–	–	–	14	–
Plumbers and pipe fitters	472	368	27	–	4	23	77	–
Other construction craftsmen	208	180	5	–	5	–	23	–
Foremen, n.e.c.	2 205	2 020	153	6	65	82	32	–
Manufacturing	1 393	1 374	–	–	–	–	19	–
Nonmanufacturing industries	812	646	153	6	65	82	13	–
Linemen and servicemen, telephone and power	438	415	23	–	19	4	–	–
Locomotive engineers and firemen	78	78	–	–	–	–	–	–
Mechanics and repairmen	3 360	2 811	278	24	96	158	267	4
Air conditioning, heating, and refrigeration	139	121	–	–	–	–	18	–
Aircraft	19	13	6	–	–	6	–	–
Automobile, including body	1 427	1 120	125	9	63	53	182	–
Radio and television	152	125	5	–	–	5	22	–
Other mechanics and repairmen	1 623	1 432	142	15	33	94	45	4
Metal craftsmen, except mechanics	2 214	2 169	18	10	8	–	27	–
Machinists and job and die setters	742	732	10	10	–	–	–	–
Sheetmetal workers and tinsmiths	228	220	–	–	–	–	8	–
Tool and die makers	807	790	8	–	8	–	9	–
Other metal craftsmen	437	427	–	–	–	–	10	–
Printing craftsmen	420	408	9	–	5	4	3	–
Compositors and typesetters	207	207	–	–	–	–	–	–
Pressmen and plate printers, printing	113	113	–	–	–	–	–	–
Stationary engineers and power station operators	185	134	51	–	27	24	–	–
Other craftsmen and kindred workers	1 691	1 466	73	–	39	34	148	4

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
BINGHAMTON, N.Y.–PA., SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**10 425**	**10 122**	**152**	**37**	**36**	**79**	**141**	**10**
Assemblers	1 229	1 222	3	–	–	3	4	–
Checkers, examiners, and inspectors, manufacturing	1 430	1 419	11	6	–	5	–	–
Garage workers and gas station attendants	367	346	–	–	–	–	21	–
Laundry and drycleaning operatives, n.e.c	85	62	21	–	14	7	2	–
Meat cutters and butchers	267	219	6	–	6	–	42	–
Mine operatives, n.e.c.	26	20	–	–	–	–	6	–
Packers and wrappers, except produce	400	386	6	6	–	–	8	–
Painters, manufactured articles	82	82	–	–	–	–	–	–
Precision machine operatives	733	718	5	5	–	–	10	–
Sawyers	122	122	–	–	–	–	–	–
Stationary firemen	79	46	33	2	6	25	–	–
Textile operatives	24	24	–	–	–	–	–	–
Welders and flamecutters	312	306	6	–	–	6	–	–
Other metalworking operatives	463	458	5	5	–	–	–	–
Other specified operatives	2 030	1 971	5	–	–	5	44	10
Miscellaneous and not specified operatives	2 776	2 721	51	13	10	28	4	–
Occupation:								
Machine operatives, miscellaneous specified	1 140	1 125	15	8	–	7	–	–
Machine operatives, not specified	716	699	17	–	–	17	–	–
Miscellaneous operatives	628	605	19	5	10	4	4	–
Not specified operatives	292	292	–	–	–	–	–	–
Industry:								
Manufacturing	2 502	2 489	13	13	–	–	–	–
Durable goods	1 941	1 928	13	13	–	–	–	–
Wood products, including furniture	95	95	–	–	–	–	–	–
Primary metal industries	120	120	–	–	–	–	–	–
Fabricated metal industries	87	87	–	–	–	–	–	–
Machinery, including electrical	994	994	–	–	–	–	–	–
Motor vehicles and equipment	6	6	–	–	–	–	–	–
Transportation equipment, except motor vehicles	47	42	5	5	–	–	–	–
Other durable goods	592	584	8	8	–	–	–	–
Nondurable goods	548	548	–	–	–	–	–	–
Food and kindred products	60	60	–	–	–	–	–	–
Apparel and other fabricated textile products	8	8	–	–	–	–	–	–
Paper and allied products	139	139	–	–	–	–	–	–
Chemicals and allied products	11	11	–	–	–	–	–	–
Other nondurable goods	330	330	–	–	–	–	–	–
Not specified manufacturing industries	13	13	–	–	–	–	–	–
Nonmanufacturing industries	274	232	38	–	10	28	4	–
Transportation, communications, and other public utilities	57	53	4	–	–	4	–	–
Wholesale and retail trade	91	91	–	–	–	–	–	–
All other industries	126	88	34	–	10	24	4	–
Transport equipment operatives	**3 721**	**3 108**	**492**	**5**	**164**	**323**	**121**	**–**
Bus drivers	281	131	145	–	38	107	5	–
Taxicab drivers and chauffeurs	172	147	20	–	–	20	5	–
Truck drivers and deliverymen	2 805	2 411	305	–	120	185	89	–
Other transport equipment operatives	463	419	22	5	6	11	22	–
Laborers, except farm	**3 699**	**2 944**	**698**	**63**	**287**	**348**	**51**	**6**
Construction laborers	842	522	320	–	219	101	–	–
Freight, stock, and material handlers	1 407	1 303	92	47	6	39	12	–
Other specified laborers	812	596	190	4	47	139	20	6
Miscellaneous and not specified laborers	638	523	96	12	15	69	19	–
Occupation:								
Miscellaneous laborers	228	171	38	8	–	30	19	–
Not specified laborers	410	352	58	4	15	39	–	–
Industry:								
Manufacturing	293	293	–	–	–	–	–	–
Durable goods	182	182	–	–	–	–	–	–
Wood products, including furniture	17	17	–	–	–	–	–	–
Metal industries	57	57	–	–	–	–	–	–
Machinery, including electrical	71	71	–	–	–	–	–	–
Transportation equipment	–	–	–	–	–	–	–	–
Other durable goods	37	37	–	–	–	–	–	–
Nondurable goods	106	106	–	–	–	–	–	–
Food and kindred products	33	33	–	–	–	–	–	–
Not specified manufacturing industries	5	5	–	–	–	–	–	–
Nonmanufacturing industries	345	230	96	12	15	69	19	–
Railroads and railway express service	62	54	8	8	–	–	–	–
Transportation, except railroads	12	12	–	–	–	–	–	–
Communications, and utilities and sanitary services	66	26	35	–	–	35	5	–
Wholesale and retail trade	85	75	–	–	–	–	10	–
All other industries	120	63	53	4	15	34	4	–
Farmers and farm managers	**1 647**	**116**	**–**	**–**	**–**	**–**	**1 531**	**–**
Farm laborers and farm foremen	**750**	**631**	**–**	**–**	**–**	**–**	**16**	**103**
Paid farm laborers and farm foremen	647	631	–	–	–	–	16	–
Unpaid family workers	103	–	–	–	–	–	–	103
Service workers, except private household[1]	**6 307**	**3 380**	**2 597**	**61**	**1 196**	**1 340**	**330**	**–**
Cleaning service workers	2 159	1 419	730	25	310	395	10	–
Food service workers	1 237	995	161	–	122	39	81	–
Cooks, except private household	433	355	43	–	31	12	35	–
Busboys and dishwashers	249	210	39	–	39	–	–	–
Health service workers	453	91	358	–	320	38	4	–
Personal service workers	480	216	57	–	49	8	207	–
Protective service workers	1 405	337	1 068	36	299	733	–	–
Firemen, fire protection	278	20	258	13	6	239	–	–
Guards and watchmen	470	298	172	–	139	33	–	–
Policemen and detectives	519	14	505	11	154	340	–	–
Private household workers	**12**	**12**	**–**	**–**	**–**	**–**	**–**	**–**

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
BINGHAMTON, N.Y.–PA., SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**43 128**	**32 393**	**8 787**	**543**	**2 610**	**5 634**	**1 606**	**342**
Professional, technical, and kindred workers	**7 421**	**3 398**	**3 831**	**67**	**923**	**2 841**	**182**	**10**
Accountants	234	183	51	6	21	24	–	–
Computer specialists	213	206	7	–	7	–	–	–
Librarians	222	42	180	5	115	60	–	–
Mathematical specialists	11	11	–	–	–	–	–	–
Life and physical scientists	7	7	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 691	1 032	614	–	171	443	35	10
Dietitians	56	10	46	–	5	41	–	–
Registered nurses	1 577	981	551	–	149	402	35	10
Health technologists and technicians	355	295	60	4	12	44	–	–
Social scientists	17	5	12	–	5	7	–	–
Social and recreation workers	226	46	180	13	42	125	–	–
Teachers: College and university	172	33	139	7	99	33	–	–
Elementary and prekindergarten	1 951	430	1 521	–	183	1 338	–	–
Secondary	796	140	656	–	79	577	–	–
Other teachers	270	123	55	16	10	29	92	–
Engineering and science technicians	228	201	27	–	27	–	–	–
Technicians, except health, and engineering and science	12	–	12	4	5	3	–	–
Writers, artists, and entertainers	292	252	19	–	13	6	21	–
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	80	70	4	–	4	–	6	–
Other professional, technical, and kindred workers	724	392	298	12	134	152	34	–
Managers and administrators, except farm	**1 363**	**862**	**220**	**18**	**41**	**161**	**255**	**26**
Buyers, purchasing agents, and sales managers	192	168	14	–	4	10	10	–
Restaurant, cafeteria, and bar managers	154	75	23	–	10	13	47	9
School administrators	86	33	42	–	11	31	11	–
Other specified managers and administrators	302	189	108	18	–	90	–	5
Managers and administrators, n.e.c., salaried	430	397	33	–	16	17	–	–
Wholesale and retail trade	120	120	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	199	–	–	–	–	–	187	12
Wholesale and retail trade	138	–	–	–	–	–	133	5
Sales workers	**2 953**	**2 710**	**9**	**–**	**–**	**9**	**177**	**57**
Demonstrators, hucksters, and peddlers	191	170	–	–	–	–	21	–
Insurance, real estate agents, and brokers	276	230	–	–	–	–	46	–
Sales clerks, retail trade	1 966	1 827	–	–	–	–	95	44
Salesmen, retail trade	62	57	–	–	–	–	5	–
Other sales workers	458	426	9	–	–	9	10	13
Clerical and kindred workers	**13 344**	**10 548**	**2 508**	**360**	**775**	**1 373**	**155**	**133**
Bank tellers	241	218	23	9	4	10	–	–
Bookkeepers	1 589	1 341	138	11	39	88	66	44
Cashiers	1 120	1 005	86	5	32	49	4	25
Counter clerks, except food	134	130	4	–	4	–	–	–
Enumerators and interviewers	162	52	110	106	4	–	–	–
File clerks	226	185	41	–	22	19	–	–
Office machine operators	445	397	48	5	21	22	–	–
Bookkeeping and billing machine operators	70	65	5	5	–	–	–	–
Keypunch operators	290	254	36	–	18	18	–	–
Payroll and timekeeping clerks	157	123	29	6	6	17	5	–
Receptionists	446	354	83	7	30	46	4	5
Secretaries	4 018	3 279	673	14	231	428	38	28
Stenographers	180	75	99	–	38	61	6	–
Telephone operators	395	346	49	9	36	4	–	–
Typists	992	681	288	18	98	172	15	8
Other clerical and kindred workers	3 239	2 362	837	170	210	457	17	23
Craftsmen and kindred workers	**884**	**744**	**71**	**4**	**14**	**53**	**63**	**6**
Foremen, n.e.c.	190	185	5	–	–	5	–	–
Operatives, except transport	**8 198**	**7 981**	**181**	**59**	**38**	**84**	**22**	**14**
Assemblers	1 565	1 544	21	9	–	12	–	–
Bottling and canning operatives	3	3	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	688	671	11	–	4	7	–	6
Dressmakers and seamstresses, except factory	50	42	–	–	–	–	8	–
Laundry and drycleaning operatives, including ironers	221	184	29	–	18	11	–	8
Graders and sorters, manufacturing	47	47	–	–	–	–	–	–
Packers and wrappers, except produce	441	436	5	5	–	–	–	–
Sewers and stitchers	1 589	1 579	5	–	5	–	5	–
Textile operatives	20	20	–	–	–	–	–	–
Other specified operatives	2 219	2 174	45	10	5	30	–	–
Miscellaneous and not specified operatives	1 355	1 281	65	35	6	24	9	–
Manufacturing	1 256	1 207	49	35	–	14	–	–
Durable goods	724	675	49	35	–	14	–	–
Machinery, including electrical	427	407	20	9	–	11	–	–
Other durable goods	297	268	29	26	–	3	–	–
Nondurable goods, including not specified manufacturing	532	532	–	–	–	–	–	–
Food and kindred products	61	61	–	–	–	–	–	–
Apparel and other fabricated textile products	60	60	–	–	–	–	–	–
Nonmanufacturing industries	99	74	16	–	6	10	9	–
Transport equipment operatives	**306**	**122**	**167**	**3**	**22**	**142**	**9**	**8**
Laborers, except farm	**292**	**259**	**18**	**–**	**6**	**12**	**5**	**10**
Farmers and farm managers	**155**	**10**	**–**	**–**	**–**	**–**	**145**	**–**
Farm laborers and farm foremen	**132**	**91**	**–**	**–**	**–**	**–**	**–**	**41**
Paid farm laborers and farm foremen	91	91	–	–	–	–	–	–
Unpaid family workers	41	–	–	–	–	–	–	41
Service workers, except private household[1]	**7 087**	**4 680**	**1 782**	**32**	**791**	**959**	**588**	**37**
Cleaning service workers	855	627	195	5	99	91	28	5
Chambermaids and maids	252	222	21	–	17	4	4	5
Food service workers	2 703	1 986	594	12	255	327	95	28
Cooks, except private household	587	394	116	12	31	73	65	12
Waiters and food counter workers	1 541	1 340	174	–	107	67	15	12
Health service workers	1 512	859	636	–	336	300	17	–
Nursing aides, orderlies, and attendants	982	502	477	–	291	186	3	–
Practical nurses	271	136	121	–	30	91	14	–
Personal service workers	1 181	635	186	15	71	100	356	4
Hairdressers and cosmetologists	692	383	5	–	5	–	300	4
Private household workers	**993**	**988**	**–**	**–**	**–**	**–**	**5**	**–**
Private household workers, living in	90	90	–	–	–	–	–	–
Private household workers, living out	903	898	–	–	–	–	5	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ERIE SMSA								
Total								
Male, 16 years old and over	**63 871**	**53 466**	**5 342**	**1 062**	**1 327**	**2 953**	**4 929**	**134**
Professional, technical, and kindred workers	**7 744**	**5 498**	**1 556**	**103**	**503**	**950**	**690**	**–**
Accountants	511	427	44	20	24	–	40	–
Architects	29	22	–	–	–	–	7	–
Computer specialists	205	193	12	–	12	–	–	–
Engineers	1 429	1 348	56	18	20	18	25	–
Aeronautical and astronautical	18	18	–	–	–	–	–	–
Civil	95	57	34	6	20	8	4	–
Electrical and electronic	384	379	5	5	–	–	–	–
Mechanical	124	124	–	–	–	–	–	–
Other engineers	808	770	17	7	–	10	21	–
Lawyers and judges	129	43	5	5	–	–	81	–
Life and physical scientists	118	111	7	–	–	7	–	–
Chemists	100	93	7	–	–	7	–	–
Physicians, dentists, and related practitioners	578	199	26	10	4	12	353	–
Dentists	138	10	–	–	–	–	128	–
Pharmacists	92	60	5	–	–	5	27	–
Physicians, medical and osteopathic	296	124	17	10	–	7	155	–
Other related practitioners	52	5	4	–	4	–	43	–
Health technologists and technicians	85	68	12	–	7	5	5	–
Religious workers	287	207	–	–	–	–	80	–
Social scientists	97	73	19	–	4	15	5	–
Social and recreation workers	106	48	58	–	28	30	–	–
Teachers	1 403	400	990	5	265	720	13	–
College and university	408	188	220	–	208	12	–	–
Elementary and prekindergarten	282	60	222	5	17	200	–	–
Secondary	644	96	548	–	40	508	–	–
Engineering and science technicians	1 063	1 012	36	4	17	15	15	–
Draftsmen and surveyors	676	656	15	–	5	10	5	–
Electrical and electronic engineering technicians	112	108	4	4	–	–	–	–
Technicians, except health, and engineering and science	89	42	39	11	6	22	8	–
Airplane pilots	22	22	–	–	–	–	–	–
Writers, artists, and entertainers	538	481	19	–	19	–	38	–
Other professional, technical, and kindred workers	1 077	824	233	30	97	106	20	–
Managers and administrators, except farm	**6 292**	**4 585**	**488**	**53**	**162**	**273**	**1 199**	**20**
Buyers, purchasing agents, and sales managers	840	761	9	–	4	5	70	–
School administrators	188	34	154	–	43	111	–	–
Specified managers and administrators, public administration	230	–	230	48	72	110	–	–
Other specified managers and administrators	1 142	863	37	–	11	26	237	5
Managers and administrators, n.e.c., salaried	2 985	2 927	58	5	32	21	–	–
Manufacturing	1 216	1 216	–	–	–	–	–	–
Wholesale and retail trade	865	860	5	–	5	–	–	–
Transportation, communications and other public utilities	255	250	5	–	–	5	–	–
All other industries	649	601	48	5	27	16	–	–
Managers and administrators, n.e.c., self-employed	907	–	–	–	–	–	892	15
Construction	199	–	–	–	–	–	199	–
Manufacturing	76	–	–	–	–	–	76	–
Wholesale and retail trade	425	–	–	–	–	–	418	7
All other industries	207	–	–	–	–	–	199	8
Sales workers	**4 140**	**3 550**	**72**	**–**	**58**	**14**	**504**	**14**
Insurance agents, brokers, and underwriters	522	458	4	–	–	4	60	–
Real estate agents and brokers	147	82	4	–	4	–	61	–
Sales representatives, manufacturing industries	610	580	–	–	–	–	30	–
Sales representatives, wholesale trade	587	556	–	–	–	–	31	–
Sales clerks, retail trade	898	734	48	–	43	5	102	14
Salesmen, retail trade	632	490	–	–	–	–	142	–
Salesmen of services and construction	173	126	16	–	11	5	31	–
Other sales workers	571	524	–	–	–	–	47	–
Clerical and kindred workers	**4 667**	**3 771**	**859**	**649**	**87**	**123**	**37**	**–**
Bank tellers and cashiers	86	82	4	4	–	–	–	–
Bookkeepers and billing clerks	336	283	27	–	4	23	26	–
Mail handlers and postal clerks	604	63	541	541	–	–	–	–
Other clerical and kindred workers	3 641	3 343	287	104	83	100	11	–
Craftsmen and kindred workers	**15 414**	**13 846**	**594**	**49**	**143**	**402**	**950**	**24**
Apparel craftsmen and upholsterers	63	48	–	–	–	–	15	–
Bakers	81	51	–	–	–	–	30	–
Cabinetmakers	69	64	–	–	–	–	5	–
Construction craftsmen	3 319	2 682	201	–	69	132	433	3
Carpenters	847	675	8	–	4	4	164	–
Excavating, grading, and road machine operators	334	175	135	–	45	90	24	–
Electricians	659	593	35	–	12	23	31	–
Masons and tile setters	235	210	–	–	–	–	25	–
Painters, construction and maintenance, and paperhangers	329	269	5	–	5	–	52	3
Plasterers and cement finishers	106	76	8	–	3	5	22	–
Plumbers and pipe fitters	505	418	10	–	–	10	77	–
Other construction craftsmen	304	266	–	–	–	–	38	–
Foremen, n.e.c.	2 494	2 438	41	9	4	28	15	–
Manufacturing	2 079	2 074	–	–	–	–	5	–
Nonmanufacturing industries	415	364	41	9	4	28	10	–
Linemen and servicemen, telephone and power	473	451	22	–	6	16	–	–
Locomotive engineers and firemen	140	140	–	–	–	–	–	–
Mechanics and repairmen	3 194	2 738	139	19	26	94	306	11
Air conditioning, heating, and refrigeration	84	75	5	–	–	5	4	–
Aircraft	20	20	–	–	–	–	–	–
Automobile, including body	1 207	931	58	15	17	26	207	11
Radio and television	88	54	12	–	–	12	22	–
Other mechanics and repairmen	1 795	1 658	64	4	9	51	73	–
Metal craftsmen, except mechanics	3 162	3 141	4	–	4	–	17	–
Machinists and job and die setters	1 400	1 389	4	–	4	–	7	–
Sheetmetal workers and tinsmiths	191	191	–	–	–	–	–	–
Tool and die makers	799	794	–	–	–	–	5	–
Other metal craftsmen	772	767	–	–	–	–	5	–
Printing craftsmen	291	285	–	–	–	–	–	6
Compositors and typesetters	154	148	–	–	–	–	–	6
Pressmen and plate printers, printing	112	112	–	–	–	–	–	–
Stationary engineers and power station operators	216	119	97	3	13	81	–	–
Other craftsmen and kindred workers	1 912	1 689	90	18	21	51	129	4

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ERIE SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**13 259**	**13 059**	**95**	**32**	**31**	**32**	**100**	**5**
Assemblers	1 482	1 477	5	–	–	5	–	–
Checkers, examiners, and inspectors; manufacturing	1 040	1 040	–	–	–	–	–	–
Garage workers and gas station attendants	449	431	–	–	–	–	18	–
Laundry and drycleaning operatives, n.e.c	40	35	5	–	5	–	–	–
Meat cutters and butchers	303	283	–	–	–	–	20	–
Mine operatives, n.e.c	9	9	–	–	–	–	–	–
Packers and wrappers, except produce	217	217	–	–	–	–	–	–
Painters, manufactured articles	251	246	–	–	–	–	5	–
Precision machine operatives	1 812	1 812	–	–	–	–	–	–
Sawyers	139	133	–	–	–	–	6	–
Stationary firemen	85	66	19	4	–	15	–	–
Textile operatives	5	5	–	–	–	–	–	–
Welders and flamecutters	1 382	1 370	6	6	–	–	6	–
Other metalworking operatives	945	945	–	–	–	–	–	–
Other specified operatives	1 501	1 437	26	9	13	4	33	5
Miscellaneous and not specified operatives	3 599	3 553	34	13	13	8	12	–
Occupation:								
Machine operatives, miscellaneous specified	1 669	1 637	20	13	7	–	12	–
Machine operatives, not specified	992	989	3	–	–	3	–	–
Miscellaneous operatives	613	608	5	–	–	5	–	–
Not specified operatives	325	319	6	–	6	–	–	–
Industry:								
Manufacturing	3 388	3 362	14	7	7	–	12	–
Durable goods	2 294	2 280	14	7	7	–	–	–
Wood products, including furniture	79	72	7	7	–	–	–	–
Primary metal industries	583	583	–	–	–	–	–	–
Fabricated metal industries	338	338	–	–	–	–	–	–
Machinery, including electrical	609	609	–	–	–	–	–	–
Motor vehicles and equipment	8	8	–	–	–	–	–	–
Transportation equipment, except motor vehicles	381	381	–	–	–	–	–	–
Other durable goods	296	289	7	–	7	–	–	–
Nondurable goods	1 056	1 044	–	–	–	–	12	–
Food and kindred products	112	100	–	–	–	–	12	–
Apparel and other fabricated textile products	6	6	–	–	–	–	–	–
Paper and allied products	380	380	–	–	–	–	–	–
Chemicals and allied products	44	44	–	–	–	–	–	–
Other nondurable goods	514	514	–	–	–	–	–	–
Not specified manufacturing industries	38	38	–	–	–	–	–	–
Nonmanufacturing industries	211	191	20	6	6	8	–	–
Transportation, communications, and other public utilities	50	42	8	–	–	8	–	–
Wholesale and retail trade	67	67	–	–	–	–	–	–
All other industries	94	82	12	6	6	–	–	–
Transport equipment operatives	**3 203**	**2 897**	**181**	**32**	**30**	**119**	**120**	**5**
Bus drivers	135	87	48	–	6	42	–	–
Taxicab drivers and chauffeurs	81	81	–	–	–	–	–	–
Truck drivers and deliverymen	2 197	1 975	112	24	19	69	105	5
Other transport equipment operatives	790	754	21	8	5	8	15	–
Laborers, except farm	**3 564**	**3 146**	**324**	**45**	**77**	**202**	**83**	**11**
Construction laborers	570	471	94	5	49	40	–	5
Freight, stock, and material handlers	1 106	1 006	77	36	–	41	23	–
Other specified laborers	711	598	53	–	22	31	54	6
Miscellaneous and not specified laborers	1 177	1 071	100	4	6	90	6	–
Occupation:								
Miscellaneous laborers	405	355	44	4	6	34	6	–
Not specified laborers	772	716	56	–	–	56	–	–
Industry:								
Manufacturing	793	788	5	–	–	5	–	–
Durable goods	617	612	5	–	–	5	–	–
Wood products, including furniture	32	32	–	–	–	–	–	–
Metal industries	348	343	5	–	–	5	–	–
Machinery, including electrical	103	103	–	–	–	–	–	–
Transportation equipment	79	79	–	–	–	–	–	–
Other durable goods	55	55	–	–	–	–	–	–
Nondurable goods	176	176	–	–	–	–	–	–
Food and kindred products	38	38	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	384	283	95	4	6	85	6	–
Railroads and railway express service	81	71	10	4	6	–	–	–
Transportation, except railroads	19	10	9	–	–	9	–	–
Communications, and utilities and sanitary services	77	29	42	–	–	42	6	–
Wholesale and retail trade	108	108	–	–	–	–	–	–
All other industries	99	65	34	–	–	34	–	–
Farmers and farm managers	**867**	**41**	–	–	–	–	**826**	–
Farm laborers and farm foremen	**574**	**531**	–	–	–	–	**6**	**37**
Paid farm laborers and farm foremen	537	531	–	–	–	–	6	–
Unpaid family workers	37	–	–	–	–	–	–	37
Service workers, except private household[1]	**4 120**	**2 515**	**1 173**	**99**	**236**	**838**	**414**	**18**
Cleaning service workers	1 452	1 055	373	44	43	286	18	6
Food service workers	884	693	61	24	29	8	123	7
Cooks, except private household	269	199	30	18	12	–	33	7
Busboys and dishwashers	204	189	15	–	11	4	–	–
Health service workers	98	73	25	10	11	4	–	–
Personal service workers	390	183	15	–	15	–	187	5
Protective service workers	886	278	608	11	114	483	–	–
Firemen, fire protection	170	–	170	–	–	170	–	–
Guards and watchmen	289	255	34	–	8	26	–	–
Policemen and detectives	371	7	364	11	106	247	–	–
Private household workers	**27**	**27**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
ERIE SMSA—Continued								
Total—Continued								
Female, 16 years old and over	34 851	28 731	4 692	490	1 100	3 102	1 080	348
Professional, technical, and kindred workers	5 069	2 866	2 042	72	364	1 606	141	20
Accountants	103	68	19	6	–	13	16	–
Computer specialists	56	56	–	–	–	–	–	–
Librarians	56	22	34	–	4	30	–	–
Mathematical specialists	4	4	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 323	1 121	165	31	43	91	37	–
Dietitians	93	83	10	5	–	5	–	–
Registered nurses	1 181	1 017	132	20	34	78	32	–
Health technologists and technicians	170	163	7	–	–	7	–	–
Social scientists	–	–	–	–	–	–	–	–
Social and recreation workers	164	59	105	9	67	29	–	–
Teachers: College and university	168	74	94	–	90	4	–	–
Elementary and prekindergarten	1 483	458	1 025	7	91	927	–	–
Secondary	495	103	392	–	11	381	–	–
Other teachers	101	56	9	–	–	9	36	–
Engineering and science technicians	129	118	6	–	6	–	–	5
Technicians, except health, and engineering and science	16	5	11	–	6	5	–	–
Writers, artists, and entertainers	186	156	10	–	5	5	14	6
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	63	63	–	–	–	–	–	–
Other professional, technical, and kindred workers	615	403	165	19	41	105	38	9
Managers and administrators, except farm	1 031	658	157	25	26	106	204	12
Buyers, purchasing agents, and sales managers	191	184	–	–	–	–	7	–
Restaurant, cafeteria, and bar managers	111	50	12	–	–	12	49	–
School administrators	49	13	36	–	15	21	–	–
Other specified managers and administrators	244	112	96	25	6	65	36	–
Managers and administrators, n.e.c., salaried	312	299	13	–	5	8	–	–
Wholesale and retail trade	132	132	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	124	–	–	–	–	–	112	12
Wholesale and retail trade	88	–	–	–	–	–	88	–
Sales workers	2 966	2 725	20	4	11	5	128	93
Demonstrators, hucksters, and peddlers	171	155	–	–	–	–	16	–
Insurance, real estate agents, and brokers	124	116	–	–	–	–	8	–
Sales clerks, retail trade	2 129	1 997	10	–	5	5	60	62
Salesmen, retail trade	99	74	–	–	–	–	20	5
Other sales workers	443	383	10	4	6	–	24	26
Clerical and kindred workers	11 719	9 980	1 499	278	485	736	95	145
Bank tellers	345	334	11	–	6	5	–	–
Bookkeepers	1 248	1 091	62	10	15	37	45	50
Cashiers	1 193	1 122	46	5	25	16	10	15
Counter clerks, except food	162	142	4	–	–	4	11	5
Enumerators and interviewers	110	26	84	80	–	4	–	–
File clerks	160	149	11	–	5	6	–	–
Office machine operators	407	392	15	6	–	9	–	–
Bookkeeping and billing machine operators	49	49	–	–	–	–	–	–
Keypunch operators	233	227	6	6	–	–	–	–
Payroll and timekeeping clerks	295	269	26	5	11	10	–	–
Receptionists	360	302	43	–	19	24	–	15
Secretaries	3 204	2 670	490	64	183	243	10	34
Stenographers	121	89	32	–	–	32	–	–
Telephone operators	529	500	29	4	11	14	–	–
Typists	832	646	181	19	84	78	5	–
Other clerical and kindred workers	2 753	2 248	465	85	126	254	14	26
Craftsmen and kindred workers	861	805	24	–	7	17	26	6
Foremen, n.e.c.	196	192	4	–	–	4	–	–
Operatives, except transport	5 254	5 114	63	14	29	20	72	5
Assemblers	1 047	1 035	3	–	3	–	9	–
Bottling and canning operatives	17	17	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	536	536	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	106	72	9	–	9	–	25	–
Laundry and drycleaning operatives, including ironers	257	246	11	7	4	–	–	–
Graders and sorters, manufacturing	86	86	–	–	–	–	–	–
Packers and wrappers, except produce	357	357	–	–	–	–	–	–
Sewers and stitchers	55	50	–	–	–	–	5	–
Textile operatives	–	–	–	–	–	–	–	–
Other specified operatives	1 412	1 374	22	7	–	15	11	5
Miscellaneous and not specified operatives	1 381	1 341	18	–	13	5	22	–
Manufacturing	1 275	1 256	13	–	13	–	6	–
Durable goods	689	676	13	–	13	–	–	–
Machinery, including electrical	318	305	13	–	13	–	–	–
Other durable goods	371	371	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	586	580	–	–	–	–	6	–
Food and kindred products	70	64	–	–	–	–	6	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–
Nonmanufacturing industries	106	85	5	–	–	5	16	–
Transport equipment operatives	77	57	15	–	–	15	5	–
Laborers, except farm	493	468	10	4	–	6	9	6
Farmers and farm managers	131	7	–	–	–	–	124	–
Farm laborers and farm foremen	262	244	–	–	–	–	–	18
Paid farm laborers and farm foremen	244	244	–	–	–	–	–	–
Unpaid family workers	18	–	–	–	–	–	–	18
Service workers, except private household[1]	6 192	5 011	862	93	178	591	276	43
Cleaning service workers	1 065	834	227	16	21	190	–	4
Chambermaids and maids	201	164	37	–	–	37	–	–
Food service workers	2 512	2 142	318	42	66	210	20	32
Cooks, except private household	658	518	116	20	14	82	15	9
Waiters and food counter workers	1 245	1 196	49	–	28	21	–	–
Health service workers	1 090	927	143	25	20	98	13	7
Nursing aides, orderlies, and attendants	594	485	109	15	14	80	–	–
Practical nurses	296	261	22	4	–	18	13	–
Personal service workers	859	571	82	6	55	21	206	–
Hairdressers and cosmetologists	532	344	3	–	–	3	185	–
Private household workers	796	796	–	–	–	–	–	–
Private household workers, living in	38	38	–	–	–	–	–	–
Private household workers, living out	758	758	–	–	–	–	–	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HARRISBURG SMSA								
Total								
Male, 16 years old and over	104 120	73 316	22 042	8 936	9 055	4 051	8 446	316
Professional, technical, and kindred workers	15 577	7 464	6 649	1 718	3 208	1 723	1 464	–
Accountants	1 232	689	439	72	347	20	104	–
Architects	200	73	63	–	63	–	64	–
Computer specialists	917	328	586	404	178	4	3	–
Engineers	2 310	1 552	707	235	467	5	51	–
Aeronautical and astronautical	16	12	4	4	–	–	–	–
Civil	744	386	344	45	299	–	14	–
Electrical and electronic	517	448	54	28	26	–	15	–
Mechanical	245	171	74	33	36	5	–	–
Other engineers	788	535	231	125	106	–	22	–
Lawyers and judges	501	103	180	15	148	17	218	–
Life and physical scientists	236	100	123	54	69	–	13	–
Chemists	133	83	44	26	18	–	6	–
Physicians, dentists, and related practitioners	937	288	45	16	29	–	604	–
Dentists	164	38	4	–	4	–	122	–
Pharmacists	100	75	–	–	–	–	25	–
Physicians, medical and osteopathic	587	166	30	5	25	–	391	–
Other related practitioners	86	9	11	11	–	–	66	–
Health technologists and technicians	147	84	58	16	37	5	5	–
Religious workers	559	480	4	4	–	–	75	–
Social scientists	168	91	72	7	27	38	5	–
Social and recreation workers	218	58	155	12	88	55	5	–
Teachers	2 401	598	1 779	37	391	1 351	24	–
College and university	428	211	217	4	194	19	–	–
Elementary and prekindergarten	414	78	336	–	60	276	–	–
Secondary	1 429	249	1 180	14	115	1 051	–	–
Engineering and science technicians	1 727	1 259	455	167	279	9	13	–
Draftsmen and surveyors	1 010	787	210	21	189	–	13	–
Electrical and electronic engineering technicians	297	219	78	69	9	–	–	–
Technicians, except health, and engineering and science	288	81	207	167	26	14	–	–
Airplane pilots	53	32	21	21	–	–	–	–
Writers, artists, and entertainers	1 045	660	260	89	166	5	125	–
Other professional, technical, and kindred workers	2 691	1 020	1 516	423	893	200	155	–
Managers and administrators, except farm	12 186	7 717	2 821	1 204	1 208	409	1 622	26
Buyers, purchasing agents, and sales managers	1 524	1 175	300	232	64	4	49	–
School administrators	284	48	232	5	36	191	4	–
Specified managers and administrators, public administration	1 656	4	1 652	831	676	145	–	–
Other specified managers and administrators	2 368	1 847	257	95	140	22	259	5
Managers and administrators, n.e.c., salaried	5 023	4 643	380	41	292	47	–	–
Manufacturing	997	997	–	–	–	–	–	–
Wholesale and retail trade	1 575	1 555	20	11	9	–	–	–
Transportation, communications and other public utilities	699	682	17	–	12	5	–	–
All other industries	1 752	1 409	343	30	271	42	–	–
Managers and administrators, n.e.c., self-employed	1 331	–	–	–	–	–	1 310	21
Construction	257	–	–	–	–	–	257	–
Manufacturing	82	–	–	–	–	–	82	–
Wholesale and retail trade	703	–	–	–	–	–	688	15
All other industries	289	–	–	–	–	–	283	6
Sales workers	6 844	5 668	185	48	127	10	942	49
Insurance agents, brokers, and underwriters	1 084	896	12	5	7	–	170	6
Real estate agents and brokers	263	185	5	5	–	–	73	–
Sales representatives, manufacturing industries	559	559	–	–	–	–	–	–
Sales representatives, wholesale trade	1 337	1 159	5	–	–	5	173	–
Sales clerks, retail trade	1 676	1 342	76	15	56	5	240	18
Salesmen, retail trade	794	631	7	7	–	–	156	–
Salesmen of services and construction	269	204	39	6	33	–	22	4
Other sales workers	862	692	41	10	31	–	108	21
Clerical and kindred workers	10 415	5 854	4 451	2 764	1 574	113	104	6
Bank tellers and cashiers	429	375	49	5	44	–	5	–
Bookkeepers and billing clerks	824	535	270	72	176	22	19	–
Mail handlers and postal clerks	1 418	146	1 272	1 202	70	–	–	–
Other clerical and kindred workers	7 744	4 798	2 860	1 485	1 284	91	80	6
Craftsmen and kindred workers	21 503	17 480	2 326	1 300	764	262	1 680	17
Apparel craftsmen and upholsterers	150	125	8	4	4	–	17	–
Bakers	163	147	–	–	–	–	16	–
Cabinetmakers	57	42	–	–	–	–	15	–
Construction craftsmen	5 322	4 261	376	141	185	50	681	4
Carpenters	1 729	1 399	75	37	33	5	251	4
Excavating, grading, and road machine operators	434	296	74	29	25	20	64	–
Electricians	914	778	77	31	46	–	59	–
Masons and tile setters	459	405	6	–	6	–	48	–
Painters, construction and maintenance, and paperhangers	527	325	65	24	26	15	137	–
Plasterers and cement finishers	139	112	18	–	13	5	9	–
Plumbers and pipe fitters	733	590	61	20	36	5	82	–
Other construction craftsmen	387	356	–	–	–	–	31	–
Foremen, n.e.c.	2 899	2 491	379	191	150	38	29	–
Manufacturing	1 446	1 438	4	–	4	–	4	–
Nonmanufacturing industries	1 453	1 053	375	191	146	38	25	–
Linemen and servicemen, telephone and power	813	791	22	17	–	5	–	–
Locomotive engineers and firemen	386	381	5	5	–	–	–	–
Mechanics and repairmen	5 579	4 266	828	566	209	53	477	8
Air conditioning, heating, and refrigeration	330	220	59	24	35	–	51	–
Aircraft	289	94	195	190	5	–	–	–
Automobile, including body	2 145	1 681	160	98	38	24	299	5
Radio and television	236	147	47	47	–	–	42	–
Other mechanics and repairmen	2 579	2 124	367	207	131	29	85	3
Metal craftsmen, except mechanics	1 963	1 737	199	188	11	–	27	–
Machinists and job and die setters	684	602	77	71	6	–	5	–
Sheetmetal workers and tinsmiths	341	258	75	70	5	–	8	–
Tool and die makers	369	338	27	27	–	–	4	–
Other metal craftsmen	569	539	20	20	–	–	10	–
Printing craftsmen	676	589	51	21	30	–	36	–
Compositors and typesetters	273	241	10	–	10	–	22	–
Pressmen and plate printers, printing	325	283	37	21	16	–	5	–
Stationary engineers and power station operators	283	164	114	22	39	53	5	–
Other craftsmen and kindred workers	3 212	2 486	344	145	136	63	377	5

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HARRISBURG SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**11 960**	**10 889**	**773**	**537**	**162**	**74**	**283**	**15**
Assemblers	452	433	15	6	9	–	4	–
Checkers, examiners, and inspectors; manufacturing	809	741	56	56	–	–	12	–
Garage workers and gas station attendants	839	779	18	7	11	–	38	4
Laundry and drycleaning operatives, n.e.c	93	64	29	–	25	4	–	–
Meat cutters and butchers	381	314	–	–	–	–	67	–
Mine operatives, n.e.c	70	63	–	–	–	–	7	–
Packers and wrappers, except produce	605	389	216	216	–	–	–	–
Painters, manufactured articles	117	103	9	–	5	4	5	–
Precision machine operatives	954	940	4	4	–	–	10	–
Sawyers	117	105	–	–	–	–	12	–
Stationary firemen	220	116	104	59	34	11	–	–
Textile operatives	206	206	–	–	–	–	–	–
Welders and flamecutters	769	722	42	32	–	10	5	–
Other metalworking operatives	785	758	17	12	–	5	10	–
Other specified operatives	2 339	2 150	123	63	52	8	61	5
Miscellaneous and not specified operatives	3 204	3 006	140	82	26	32	52	6
Occupation:								
Machine operatives, miscellaneous specified	1 264	1 212	35	23	–	12	17	–
Machine operatives, not specified	686	649	26	16	10	–	5	6
Miscellaneous operatives	749	676	53	31	11	11	20	–
Not specified operatives	505	469	26	12	5	9	10	–
Industry:								
Manufacturing	2 686	2 610	36	13	6	17	34	6
Durable goods	1 597	1 536	27	8	6	13	28	6
Wood products, including furniture	43	36	–	–	–	–	7	–
Primary metal industries	552	543	4	4	–	–	5	–
Fabricated metal industries	193	188	–	–	–	–	5	–
Machinery, including electrical	383	380	3	–	–	3	–	–
Motor vehicles and equipment	48	48	–	–	–	–	–	–
Transportation equipment, except motor vehicles	237	217	9	4	–	5	5	6
Other durable goods	141	124	11	–	6	5	6	–
Nondurable goods	1 073	1 058	9	5	–	4	6	–
Food and kindred products	625	614	5	5	–	–	6	–
Apparel and other fabricated textile products	36	36	–	–	–	–	–	–
Paper and allied products	61	61	–	–	–	–	–	–
Chemicals and allied products	5	5	–	–	–	–	–	–
Other nondurable goods	346	342	4	–	–	4	–	–
Not specified manufacturing industries	16	16	–	–	–	–	–	–
Nonmanufacturing industries	518	396	104	69	20	15	18	–
Transportation, communications, and other public utilities	132	132	–	–	–	–	–	–
Wholesale and retail trade	148	144	–	–	–	–	4	–
All other industries	238	120	104	69	20	15	14	–
Transport equipment operatives	**6 719**	**5 898**	**680**	**374**	**165**	**141**	**141**	**–**
Bus drivers	266	237	29	–	6	23	–	–
Taxicab drivers and chauffeurs	130	102	28	11	12	5	–	–
Truck drivers and deliverymen	4 524	4 051	347	143	100	104	126	–
Other transport equipment operatives	1 799	1 508	276	220	47	9	15	–
Laborers, except farm	**7 867**	**6 446**	**1 299**	**657**	**351**	**291**	**111**	**11**
Construction laborers	1 411	1 086	319	19	214	86	–	6
Freight, stock, and material handlers	2 836	2 306	500	410	23	67	30	–
Other specified laborers	1 882	1 560	280	112	90	78	42	–
Miscellaneous and not specified laborers	1 738	1 494	200	116	24	60	39	5
Occupation:								
Miscellaneous laborers	479	424	41	22	5	14	9	5
Not specified laborers	1 259	1 070	159	94	19	46	30	–
Industry:								
Manufacturing	966	939	13	13	–	–	14	–
Durable goods	631	612	13	13	–	–	6	–
Wood products, including furniture	23	19	4	4	–	–	–	–
Metal industries	464	449	9	9	–	–	6	–
Machinery, including electrical	44	44	–	–	–	–	–	–
Transportation equipment	69	69	–	–	–	–	–	–
Other durable goods	31	31	–	–	–	–	–	–
Nondurable goods	330	322	–	–	–	–	8	–
Food and kindred products	189	189	–	–	–	–	–	–
Not specified manufacturing industries	5	5	–	–	–	–	–	–
Nonmanufacturing industries	772	555	187	103	24	60	25	5
Railroads and railway express service	181	181	–	–	–	–	–	–
Transportation, except railroads	52	46	6	–	–	6	–	–
Communications, and utilities and sanitary services	66	39	27	–	–	27	–	–
Wholesale and retail trade	212	202	5	–	–	5	5	–
All other industries	261	87	149	103	24	22	20	5
Farmers and farm managers	**1 670**	**93**	**14**	**–**	**14**	**–**	**1 563**	**–**
Farm laborers and farm foremen	**898**	**747**	**11**	**5**	**–**	**6**	**15**	**125**
Paid farm laborers and farm foremen	773	747	11	5	–	6	15	–
Unpaid family workers	125	–	–	–	–	–	–	125
Service workers, except private household[1]	**8 419**	**5 008**	**2 833**	**329**	**1 482**	**1 022**	**514**	**64**
Cleaning service workers	2 567	1 529	951	123	394	434	64	23
Food service workers	1 847	1 601	88	27	46	15	142	16
Cooks, except private household	514	449	44	14	25	5	21	–
Busboys and dishwashers	493	463	24	8	11	5	–	6
Health service workers	169	87	82	17	51	14	–	–
Personal service workers	832	479	69	–	66	3	284	–
Protective service workers	1 906	426	1 476	146	829	501	4	–
Firemen, fire protection	163	5	158	32	17	109	–	–
Guards and watchmen	740	379	357	99	217	41	4	–
Policemen and detectives	979	42	937	15	595	327	–	–
Private household workers	**62**	**52**	**–**	**–**	**–**	**–**	**7**	**3**

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HARRISBURG SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**67 627**	**46 737**	**18 230**	**3 221**	**9 450**	**5 559**	**2 226**	**434**
Professional, technical, and kindred workers	**9 387**	**4 481**	**4 521**	**328**	**1 219**	**2 974**	**372**	**13**
Accountants	368	167	197	45	146	6	4	–
Computer specialists	179	55	124	59	65	–	–	–
Librarians	314	109	205	29	63	113	–	–
Mathematical specialists	49	15	34	–	30	4	–	–
Life and physical scientists	38	5	33	–	33	–	–	–
Registered nurses, dietitians, and therapists	2 207	1 689	413	18	176	219	105	–
Dietitians	71	57	14	–	9	5	–	–
Registered nurses	2 080	1 614	361	18	156	187	105	–
Health technologists and technicians	325	265	56	4	37	15	–	4
Social scientists	8	–	8	–	4	4	–	–
Social and recreation workers	319	112	207	14	126	67	–	–
Teachers: College and university	109	56	53	–	53	–	–	–
Elementary and prekindergarten	2 314	612	1 697	12	104	1 581	5	–
Secondary	1 000	220	780	6	81	693	–	–
Other teachers	280	102	50	8	25	17	128	–
Engineering and science technicians	171	141	30	14	16	–	–	–
Technicians, except health, and engineering and science	22	3	19	4	15	–	–	–
Writers, artists, and entertainers	336	255	41	18	13	10	36	4
Actors and dancers	4	–	–	–	–	–	4	–
Authors, editors, and reporters	64	43	17	9	8	–	4	–
Other professional, technical, and kindred workers	1 348	675	574	97	232	245	94	5
Managers and administrators, except farm	**1 950**	**1 085**	**527**	**116**	**225**	**186**	**293**	**45**
Buyers, purchasing agents, and sales managers	280	212	62	47	15	–	–	6
Restaurant, cafeteria, and bar managers	139	39	35	–	–	35	60	5
School administrators	79	53	26	–	6	20	–	–
Other specified managers and administrators	639	246	360	64	165	131	21	12
Managers and administrators, n.e.c., salaried	579	535	44	5	39	–	–	–
Wholesale and retail trade	170	170	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	234	–	–	–	–	–	212	22
Wholesale and retail trade	158	–	–	–	–	–	148	10
Sales workers	**5 152**	**4 701**	**53**	**17**	**19**	**17**	**323**	**75**
Demonstrators, hucksters, and peddlers	353	295	–	–	–	–	58	–
Insurance, real estate agents, and brokers	179	151	–	–	–	–	28	–
Sales clerks, retail trade	3 588	3 381	21	–	8	13	143	43
Salesmen, retail trade	137	85	–	–	–	–	36	16
Other sales workers	895	789	32	17	11	4	58	16
Clerical and kindred workers	**27 237**	**16 244**	**10 679**	**2 461**	**7 059**	**1 159**	**190**	**124**
Bank tellers	492	481	11	5	–	6	–	–
Bookkeepers	2 230	1 708	408	132	235	41	76	38
Cashiers	1 209	1 105	84	16	29	39	14	6
Counter clerks, except food	229	221	8	4	4	–	–	–
Enumerators and interviewers	51	33	18	15	–	3	–	–
File clerks	1 491	569	911	99	784	28	11	–
Office machine operators	1 480	737	743	174	537	32	–	–
Bookkeeping and billing machine operators	149	109	40	11	29	–	–	–
Keypunch operators	899	478	421	118	276	27	–	–
Payroll and timekeeping clerks	238	137	101	42	50	9	–	–
Receptionists	550	386	164	13	136	15	–	–
Secretaries	6 494	4 206	2 201	374	1 439	388	40	47
Stenographers	577	177	400	33	339	28	–	–
Telephone operators	703	586	117	42	27	48	–	–
Typists	3 986	1 691	2 270	492	1 629	149	12	13
Other clerical and kindred workers	7 507	4 207	3 243	1 020	1 850	373	37	20
Craftsmen and kindred workers	**1 138**	**982**	**111**	**63**	**24**	**24**	**41**	**4**
Foremen, n.e.c.	291	266	21	–	5	16	–	4
Operatives, except transport	**9 857**	**9 523**	**197**	**67**	**73**	**57**	**103**	**34**
Assemblers	552	543	9	5	–	4	–	–
Bottling and canning operatives	21	15	–	–	–	–	–	6
Checkers, examiners, and inspectors; manufacturing	488	484	4	4	–	–	–	–
Dressmakers and seamstresses, except factory	133	95	–	–	–	–	38	–
Laundry and drycleaning operatives, including ironers	569	517	47	4	23	20	5	–
Graders and sorters, manufacturing	73	73	–	–	–	–	–	–
Packers and wrappers, except produce	1 022	977	45	38	3	4	–	–
Sewers and stitchers	3 031	2 998	7	–	–	7	21	5
Textile operatives	133	128	–	–	–	–	5	–
Other specified operatives	2 142	2 065	31	11	16	4	23	23
Miscellaneous and not specified operatives	1 693	1 628	54	5	31	18	11	–
Manufacturing	1 519	1 503	10	–	–	10	6	–
Durable goods	353	343	10	–	–	10	–	–
Machinery, including electrical	246	246	–	–	–	–	–	–
Other durable goods	107	97	10	–	–	10	–	–
Nondurable goods, including not specified manufacturing	1 166	1 160	–	–	–	–	6	–
Food and kindred products	264	264	–	–	–	–	–	–
Apparel and other fabricated textile products	377	377	–	–	–	–	–	–
Nonmanufacturing industries	174	125	44	5	31	8	5	–
Transport equipment operatives	**201**	**146**	**55**	**15**	**21**	**19**	–	–
Laborers, except farm	**622**	**562**	**46**	**27**	**15**	**4**	**14**	–
Farmers and farm managers	**139**	**5**	–	–	–	–	**134**	–
Farm laborers and farm foremen	**266**	**159**	**7**	**7**	–	–	**4**	**96**
Paid farm laborers and farm foremen	170	159	7	7	–	–	4	–
Unpaid family workers	96	–	–	–	–	–	–	96
Service workers, except private household[1]	**10 413**	**7 610**	**2 030**	**120**	**795**	**1 115**	**730**	**43**
Cleaning service workers	1 356	947	399	31	263	105	5	5
Chambermaids and maids	371	351	15	–	15	–	5	–
Food service workers	4 360	3 636	596	32	131	433	105	23
Cooks, except private household	1 041	783	205	–	47	158	44	9
Waiters and food counter workers	2 426	2 243	147	22	59	66	27	9
Health service workers	1 714	1 228	457	28	232	197	24	5
Nursing aides, orderlies, and attendants	846	553	283	23	139	121	5	5
Practical nurses	458	308	131	5	75	51	19	–
Personal service workers	1 420	730	120	23	41	56	565	5
Hairdressers and cosmetologists	845	332	–	–	–	–	508	5
Private household workers	**1 265**	**1 239**	**4**	**–**	**–**	**4**	**22**	**–**
Private household workers, living in	85	85	–	–	–	–	–	–
Private household workers, living out	1 180	1 154	4	–	–	4	22	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HARRISBURG SMSA—Continued								
Negro								
Male, 16 years old and over	5 154	3 192	1 682	767	578	337	271	9
Professional, technical, and kindred workers	456	172	275	93	141	41	9	–
Accountants	40	10	30	24	6	–	–	–
Architects	–	–	–	–	–	–	–	–
Computer specialists	29	9	20	20	–	–	–	–
Engineers	13	3	10	–	10	–	–	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–
Civil	5	–	5	–	5	–	–	–
Electrical and electronic	–	–	–	–	–	–	–	–
Mechanical	–	–	–	–	–	–	–	–
Other engineers	8	3	5	–	5	–	–	–
Lawyers and judges	12	–	12	6	6	–	–	–
Life and physical scientists	9	–	9	9	–	–	–	–
Chemists	9	–	9	9	–	–	–	–
Physicians, dentists, and related practitioners	19	10	–	–	–	–	9	–
Dentists	9	–	–	–	–	–	9	–
Pharmacists	–	–	–	–	–	–	–	–
Physicians, medical and osteopathic	10	10	–	–	–	–	–	–
Other related practitioners	–	–	–	–	–	–	–	–
Health technologists and technicians	5	–	5	–	–	5	–	–
Religious workers	34	34	–	–	–	–	–	–
Social scientists	13	–	13	–	–	13	–	–
Social and recreation workers	5	–	5	–	5	–	–	–
Teachers	30	4	26	5	9	12	–	–
College and university	9	–	9	–	9	–	–	–
Elementary and prekindergarten	4	–	4	–	–	4	–	–
Secondary	8	–	8	–	–	8	–	–
Engineering and science technicians	63	41	22	7	15	–	–	–
Draftsmen and surveyors	48	41	7	–	7	–	–	–
Electrical and electronic engineering technicians	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–
Airplane pilots	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	6	–	6	–	6	–	–	–
Other professional, technical, and kindred workers	178	61	117	22	84	11	–	–
Managers and administrators, except farm	168	64	68	39	29	–	36	–
Buyers, purchasing agents, and sales managers	3	–	3	3	–	–	–	–
School administrators	7	4	3	–	3	–	–	–
Specified managers and administrators, public administration	56	–	56	36	20	–	–	–
Other specified managers and administrators	54	42	–	–	–	–	12	–
Managers and administrators, n.e.c., salaried	24	18	6	–	6	–	–	–
Manufacturing	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–
Transportation, communications and other public utilities	7	7	–	–	–	–	–	–
All other industries	17	11	6	–	6	–	–	–
Managers and administrators, n.e.c., self-employed	24	–	–	–	–	–	24	–
Construction	8	–	–	–	–	–	8	–
Manufacturing	–	–	–	–	–	–	–	–
Wholesale and retail trade	11	–	–	–	–	–	11	–
All other industries	5	–	–	–	–	–	5	–
Sales workers	74	63	7	7	–	–	4	–
Insurance agents, brokers, and underwriters	9	9	–	–	–	–	–	–
Real estate agents and brokers	7	3	–	–	–	–	4	–
Sales representatives, manufacturing industries	–	–	–	–	–	–	–	–
Sales representatives, wholesale trade	4	4	–	–	–	–	–	–
Sales clerks, retail trade	27	20	7	7	–	–	–	–
Salesmen, retail trade	5	5	–	–	–	–	–	–
Salesmen of services and construction	–	–	–	–	–	–	–	–
Other sales workers	22	22	–	–	–	–	–	–
Clerical and kindred workers	481	231	250	160	83	7	–	–
Bank tellers and cashiers	15	15	–	–	–	–	–	–
Bookkeepers and billing clerks	12	5	7	–	–	7	–	–
Mail handlers and postal clerks	93	6	87	87	–	–	–	–
Other clerical and kindred workers	361	205	156	73	83	–	–	–
Craftsmen and kindred workers	543	338	123	72	25	26	82	–
Apparel craftsmen and upholsterers	11	5	–	–	–	–	6	–
Bakers	7	–	–	–	–	–	7	–
Cabinetmakers	–	–	–	–	–	–	–	–
Construction craftsmen	99	59	16	6	–	10	24	–
Carpenters	10	10	–	–	–	–	–	–
Excavating, grading, and road machine operators	5	5	–	–	–	–	–	–
Electricians	9	5	–	–	–	–	4	–
Masons and tile setters	21	16	–	–	–	–	5	–
Painters, construction and maintenance, and paperhangers	27	13	11	6	–	5	3	–
Plasterers and cement finishers	20	10	5	–	–	5	5	–
Plumbers and pipe fitters	7	–	–	–	–	–	7	–
Other construction craftsmen	–	–	–	–	–	–	–	–
Foremen, n.e.c.	72	51	21	5	11	5	–	–
Manufacturing	12	12	–	–	–	–	–	–
Nonmanufacturing industries	60	39	21	5	11	5	–	–
Linemen and servicemen, telephone and power	10	10	–	–	–	–	–	–
Locomotive engineers and firemen	–	–	–	–	–	–	–	–
Mechanics and repairmen	121	63	44	40	–	4	14	–
Air conditioning, heating, and refrigeration	–	–	–	–	–	–	–	–
Aircraft	9	–	9	9	–	–	–	–
Automobile, including body	63	38	16	16	–	–	9	–
Radio and television	10	–	5	5	–	–	5	–
Other mechanics and repairmen	39	25	14	10	–	4	–	–
Metal craftsmen, except mechanics	38	38	–	–	–	–	–	–
Machinists and job and die setters	23	23	–	–	–	–	–	–
Sheetmetal workers and tinsmiths	–	–	–	–	–	–	–	–
Tool and die makers	–	–	–	–	–	–	–	–
Other metal craftsmen	15	15	–	–	–	–	–	–
Printing craftsmen	21	11	10	–	10	–	–	–
Compositors and typesetters	–	–	–	–	–	–	–	–
Pressmen and plate printers, printing	21	11	10	–	10	–	–	–
Stationary engineers and power station operators	4	4	–	–	–	–	–	–
Other craftsmen and kindred workers	160	97	32	21	4	7	31	–

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HARRISBURG SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**761**	**631**	**124**	**86**	**20**	**18**	**6**	–
Assemblers	53	53	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	48	30	12	12	–	–	6	–
Garage workers and gas station attendants	–	–	–	–	–	–	–	–
Laundry and drycleaning operatives, n.e.c	43	24	19	–	15	4	–	–
Meat cutters and butchers	–	–	–	–	–	–	–	–
Mine operatives, n.e.c	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	48	5	43	43	–	–	–	–
Painters, manufactured articles	10	6	4	–	–	4	–	–
Precision machine operatives	23	23	–	–	–	–	–	–
Sawyers	–	–	–	–	–	–	–	–
Stationary firemen	16	–	16	10	–	6	–	–
Textile operatives	8	8	–	–	–	–	–	–
Welders and flamecutters	36	32	4	–	–	4	–	–
Other metalworking operatives	57	57	–	–	–	–	–	–
Other specified operatives	266	251	15	10	5	–	–	–
Miscellaneous and not specified operatives	153	142	11	11	–	–	–	–
Occupation:								
Machine operatives, miscellaneous specified	31	27	4	4	–	–	–	–
Machine operatives, not specified	32	25	7	7	–	–	–	–
Miscellaneous operatives	43	43	–	–	–	–	–	–
Not specified operatives	47	47	–	–	–	–	–	–
Industry:								
Manufacturing	135	131	4	4	–	–	–	–
Durable goods	106	102	4	4	–	–	–	–
Wood products, including furniture	–	–	–	–	–	–	–	–
Primary metal industries	73	73	–	–	–	–	–	–
Fabricated metal industries	10	10	–	–	–	–	–	–
Machinery, including electrical	4	4	–	–	–	–	–	–
Motor vehicles and equipment	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	19	15	4	4	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–
Nondurable goods	18	18	–	–	–	–	–	–
Food and kindred products	7	7	–	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–
Paper and allied products	–	–	–	–	–	–	–	–
Chemicals and allied products	–	–	–	–	–	–	–	–
Other nondurable goods	11	11	–	–	–	–	–	–
Not specified manufacturing industries	11	11	–	–	–	–	–	–
Nonmanufacturing industries	18	11	7	7	–	–	–	–
Transportation, communications, and other public utilities	5	5	–	–	–	–	–	–
Wholesale and retail trade	6	6	–	–	–	–	–	–
All other industries	7	–	7	7	–	–	–	–
Transport equipment operatives	**476**	**312**	**164**	**100**	**32**	**32**	–	–
Bus drivers	24	20	4	–	–	4	–	–
Taxicab drivers and chauffeurs	16	16	–	–	–	–	–	–
Truck drivers and deliverymen	207	147	60	11	21	28	–	–
Other transport equipment operatives	229	129	100	89	11	–	–	–
Laborers, except farm	**1 055**	**751**	**257**	**156**	**32**	**69**	**47**	–
Construction laborers	132	122	10	–	–	10	–	–
Freight, stock, and material handlers	275	110	146	113	4	29	19	–
Other specified laborers	449	385	59	26	17	16	5	–
Miscellaneous and not specified laborers	199	134	42	17	11	14	23	–
Occupation:								
Miscellaneous laborers	64	44	14	5	–	9	6	–
Not specified laborers	135	90	28	12	11	5	17	–
Industry:								
Manufacturing	80	74	–	–	–	–	6	–
Durable goods	70	64	–	–	–	–	6	–
Wood products, including furniture	–	–	–	–	–	–	–	–
Metal industries	65	59	–	–	–	–	6	–
Machinery, including electrical	–	–	–	–	–	–	–	–
Transportation equipment	5	5	–	–	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–
Nondurable goods	10	10	–	–	–	–	–	–
Food and kindred products	5	5	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	119	60	42	17	11	14	17	–
Railroads and railway express service	12	12	–	–	–	–	–	–
Transportation, except railroads	7	7	–	–	–	–	–	–
Communications, and utilities and sanitary services	18	4	14	–	–	14	–	–
Wholesale and retail trade	27	27	–	–	–	–	–	–
All other industries	55	10	28	17	11	–	17	–
Farmers and farm managers	**59**	–	–	–	–	–	**59**	–
Farm laborers and farm foremen	**26**	**26**	–	–	–	–	–	–
Paid farm laborers and farm foremen	26	26	–	–	–	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 031**	**590**	**414**	**54**	**216**	**144**	**21**	**6**
Cleaning service workers	406	268	130	32	55	43	8	–
Food service workers	145	99	30	–	20	10	10	6
Cooks, except private household	41	27	9	–	9	–	5	–
Busboys and dishwashers	54	32	16	–	11	5	–	6
Health service workers	33	12	21	7	–	14	–	–
Personal service workers	27	14	10	–	10	–	3	–
Protective service workers	166	17	149	15	80	54	–	–
Firemen, fire protection	5	–	5	–	–	5	–	–
Guards and watchmen	45	17	28	15	13	–	–	–
Policemen and detectives	116	–	116	–	67	49	–	–
Private household workers	**24**	**14**	–	–	–	–	**7**	**3**

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HARRISBURG SMSA—Continued								
Negro—Continued								
Female, 16 years old and over	4 520	2 479	1 982	410	1 269	303	52	7
Professional, technical, and kindred workers	251	86	161	35	48	78	4	–
Accountants	–	–	–	–	–	–	–	–
Computer specialists	5	–	5	5	–	–	–	–
Librarians	6	–	6	–	–	6	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	33	20	13	–	13	–	–	–
Dietitians	10	10	–	–	–	–	–	–
Registered nurses	23	10	13	–	13	–	–	–
Health technologists and technicians	6	6	–	–	–	–	–	–
Social scientists	–	–	–	–	–	–	–	–
Social and recreation workers	29	15	14	5	9	–	–	–
Teachers: College and university	5	–	5	–	5	–	–	–
Elementary and prekindergarten	75	11	64	–	–	64	–	–
Secondary	8	8	–	–	–	–	–	–
Other teachers	4	–	–	–	–	–	4	–
Engineering and science technicians	4	4	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	11	11	–	–	–	–	–	–
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	65	11	54	25	21	8	–	–
Managers and administrators, except farm	65	20	45	19	12	14	–	–
Buyers, purchasing agents, and sales managers	30	6	24	19	5	–	–	–
Restaurant, cafeteria, and bar managers	–	–	–	–	–	–	–	–
School administrators	9	–	9	–	–	9	–	–
Other specified managers and administrators	22	10	12	–	7	5	–	–
Managers and administrators, n.e.c., salaried	4	4	–	–	–	–	–	–
Wholesale and retail trade	4	4	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–
Sales workers	169	153	4	–	4	–	5	7
Demonstrators, hucksters, and peddlers	–	–	–	–	–	–	–	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–
Sales clerks, retail trade	87	75	–	–	–	–	5	7
Salesmen, retail trade	–	–	–	–	–	–	–	–
Other sales workers	82	78	4	–	4	–	–	–
Clerical and kindred workers	1 755	544	1 211	294	887	30	–	–
Bank tellers	7	7	–	–	–	–	–	–
Bookkeepers	64	24	40	20	20	–	–	–
Cashiers	41	41	–	–	–	–	–	–
Counter clerks, except food	14	14	–	–	–	–	–	–
Enumerators and interviewers	3	–	3	–	–	3	–	–
File clerks	189	42	147	8	135	4	–	–
Office machine operators	152	30	122	23	99	–	–	–
Bookkeeping and billing machine operators	5	–	5	–	5	–	–	–
Keypunch operators	87	21	66	11	55	–	–	–
Payroll and timekeeping clerks	5	–	5	–	5	–	–	–
Receptionists	51	10	41	5	31	5	–	–
Secretaries	105	52	53	12	36	5	–	–
Stenographers	49	11	38	9	29	–	–	–
Telephone operators	48	43	5	–	–	5	–	–
Typists	299	55	244	49	191	4	–	–
Other clerical and kindred workers	728	215	513	168	341	4	–	–
Craftsmen and kindred workers	70	66	4	–	4	–	–	–
Foremen, n.e.c	–	–	–	–	–	–	–	–
Operatives, except transport	362	310	52	20	23	9	–	–
Assemblers	48	48	–	–	–	–	–	–
Bottling and canning operatives	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	9	9	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	–	–	–	–	–	–	–	–
Laundry and drycleaning operatives, including ironers	36	36	–	–	–	–	–	–
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	20	6	14	14	–	–	–	–
Sewers and stitchers	39	39	–	–	–	–	–	–
Textile operatives	–	–	–	–	–	–	–	–
Other specified operatives	132	117	15	6	5	4	–	–
Miscellaneous and not specified operatives	78	55	23	–	18	5	–	–
Manufacturing	47	42	5	–	–	5	–	–
Durable goods	40	35	5	–	–	5	–	–
Machinery, including electrical	12	12	–	–	–	–	–	–
Other durable goods	28	23	5	–	–	5	–	–
Nondurable goods, including not specified manufacturing	7	7	–	–	–	–	–	–
Food and kindred products	–	–	–	–	–	–	–	–
Apparel and other fabricated textile products	7	7	–	–	–	–	–	–
Nonmanufacturing industries	31	13	18	–	18	–	–	–
Transport equipment operatives	15	–	15	5	10	–	–	–
Laborers, except farm	57	41	16	7	9	–	–	–
Farmers and farm managers	4	–	–	–	–	–	4	–
Farm laborers and farm foremen	20	20	–	–	–	–	–	–
Paid farm laborers and farm foremen	20	20	–	–	–	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	1 251	748	470	30	272	168	33	–
Cleaning service workers	300	170	130	14	85	31	–	–
Chambermaids and maids	18	18	–	–	–	–	–	–
Food service workers	156	123	33	–	9	24	–	–
Cooks, except private household	80	61	19	–	4	15	–	–
Waiters and food counter workers	48	43	5	–	5	–	–	–
Health service workers	377	210	161	7	103	51	6	–
Nursing aides, orderlies, and attendants	245	142	103	7	67	29	–	–
Practical nurses	66	34	26	–	18	8	6	–
Personal service workers	85	42	16	9	3	4	27	–
Hairdressers and cosmetologists	35	15	–	–	–	–	20	–
Private household workers	501	491	4	–	–	4	6	–
Private household workers, living in	18	18	–	–	–	–	–	–
Private household workers, living out	483	473	4	–	–	4	6	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
JOHNSTOWN SMSA								
Total								
Male, 16 years old and over	**57 148**	**45 926**	**5 839**	**954**	**2 404**	**2 481**	**5 187**	**196**
Professional, technical, and kindred workers	**4 938**	**2 884**	**1 512**	**87**	**521**	**904**	**542**	–
Accountants	344	240	73	24	44	5	31	–
Architects	6	6	–	–	–	–	–	–
Computer specialists	92	92	–	–	–	–	–	–
Engineers	718	653	49	11	32	6	16	–
Aeronautical and astronautical	6	6	–	–	–	–	–	–
Civil	106	62	34	6	22	6	10	–
Electrical and electronic	171	166	5	5	–	–	–	–
Mechanical	88	88	–	–	–	–	–	–
Other engineers	347	331	10	–	10	–	6	–
Lawyers and judges	134	17	22	–	11	11	95	–
Life and physical scientists	48	48	–	–	–	–	–	–
Chemists	41	41	–	–	–	–	–	–
Physicians, dentists, and related practitioners	475	131	19	5	9	5	325	–
Dentists	118	23	5	5	–	–	90	–
Pharmacists	63	39	–	–	–	–	24	–
Physicians, medical and osteopathic	232	59	14	–	9	5	159	–
Other related practitioners	62	10	–	–	–	–	52	–
Health technologists and technicians	44	34	4	–	4	–	6	–
Religious workers	353	333	–	–	–	–	20	–
Social scientists	37	11	26	4	7	15	–	–
Social and recreation workers	95	16	79	–	53	26	–	–
Teachers	1 318	317	1 001	5	209	787	–	–
College and university	117	93	24	–	20	4	–	–
Elementary and prekindergarten	252	47	205	5	45	155	–	–
Secondary	899	161	738	–	126	612	–	–
Engineering and science technicians	585	534	42	20	12	10	9	–
Draftsmen and surveyors	427	391	27	10	7	10	9	–
Electrical and electronic engineering technicians	45	35	10	10	–	–	–	–
Technicians, except health, and engineering and science	60	51	9	–	9	–	–	–
Airplane pilots	20	20	–	–	–	–	–	–
Writers, artists, and entertainers	233	203	5	5	–	–	25	–
Other professional, technical, and kindred workers	396	198	183	13	131	39	15	–
Managers and administrators, except farm	**4 329**	**2 549**	**652**	**117**	**251**	**284**	**1 122**	**6**
Buyers, purchasing agents, and sales managers	493	409	26	17	5	4	58	–
School administrators	204	53	151	–	43	108	–	–
Specified managers and administrators, public administration	358	–	358	95	145	118	–	–
Other specified managers and administrators	782	574	40	5	30	5	162	6
Managers and administrators, n.e.c., salaried	1 590	1 513	77	–	28	49	–	–
Manufacturing	280	280	–	–	–	–	–	–
Wholesale and retail trade	655	645	10	–	10	–	–	–
Transportation, communications and other public utilities	183	177	6	–	–	6	–	–
All other industries	472	411	61	–	18	43	–	–
Managers and administrators, n.e.c., self-employed	902	–	–	–	–	–	902	–
Construction	131	–	–	–	–	–	131	–
Manufacturing	49	–	–	–	–	–	49	–
Wholesale and retail trade	570	–	–	–	–	–	570	–
All other industries	152	–	–	–	–	–	152	–
Sales workers	**3 208**	**2 680**	**73**	–	**67**	**6**	**428**	**27**
Insurance agents, brokers, and underwriters	485	413	6	–	6	–	66	–
Real estate agents and brokers	43	29	–	–	–	–	14	–
Sales representatives, manufacturing industries	198	198	–	–	–	–	–	–
Sales representatives, wholesale trade	432	394	6	–	6	–	32	–
Sales clerks, retail trade	905	737	20	–	20	–	121	27
Salesmen, retail trade	530	382	–	–	–	–	148	–
Salesmen of services and construction	143	107	31	–	31	–	5	–
Other sales workers	472	420	10	–	4	6	42	–
Clerical and kindred workers	**3 531**	**2 666**	**799**	**563**	**117**	**119**	**66**	–
Bank tellers and cashiers	166	166	–	–	–	–	–	–
Bookkeepers and billing clerks	442	368	33	4	20	9	41	–
Mail handlers and postal clerks	533	18	515	515	–	–	–	–
Other clerical and kindred workers	2 390	2 114	251	44	97	110	25	–
Craftsmen and kindred workers	**14 325**	**12 756**	**519**	**34**	**374**	**111**	**1 040**	**10**
Apparel craftsmen and upholsterers	51	36	–	–	–	–	15	–
Bakers	94	69	11	–	11	–	14	–
Cabinetmakers	40	21	5	–	5	–	14	–
Construction craftsmen	3 460	2 847	187	5	129	53	426	–
Carpenters	955	734	35	–	30	5	186	–
Excavating, grading, and road machine operators	532	441	66	–	48	18	25	–
Electricians	707	616	37	5	14	18	54	–
Masons and tile setters	318	291	5	–	5	–	22	–
Painters, construction and maintenance, and paperhangers	173	95	24	–	12	12	54	–
Plasterers and cement finishers	129	109	5	–	5	–	15	–
Plumbers and pipe fitters	420	350	15	–	15	–	55	–
Other construction craftsmen	226	211	–	–	–	–	15	–
Foremen, n.e.c.	1 863	1 770	65	–	48	17	28	–
Manufacturing	960	955	–	–	–	–	5	–
Nonmanufacturing industries	903	815	65	–	48	17	23	–
Linemen and servicemen, telephone and power	457	457	–	–	–	–	–	–
Locomotive engineers and firemen	320	320	–	–	–	–	–	–
Mechanics and repairmen	3 292	2 870	61	9	47	5	355	6
Air conditioning, heating, and refrigeration	102	76	–	–	–	–	26	–
Aircraft	22	12	6	–	6	–	4	–
Automobile, including body	1 277	984	14	4	10	–	273	6
Radio and television	119	99	–	–	–	–	20	–
Other mechanics and repairmen	1 772	1 699	41	5	31	5	32	–
Metal craftsmen, except mechanics	1 591	1 575	5	–	5	–	11	–
Machinists and job and die setters	387	387	–	–	–	–	–	–
Sheetmetal workers and tinsmiths	65	65	–	–	–	–	–	–
Tool and die makers	73	62	–	–	–	–	11	–
Other metal craftsmen	1 066	1 061	5	–	5	–	–	–
Printing craftsmen	212	202	–	–	–	–	10	–
Compositors and typesetters	87	77	–	–	–	–	10	–
Pressmen and plate printers, printing	107	107	–	–	–	–	–	–
Stationary engineers and power station operators	281	251	30	–	26	4	–	–
Other craftsmen and kindred workers	2 664	2 338	155	20	103	32	167	4

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
JOHNSTOWN SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**11 197**	**10 725**	**200**	**25**	**89**	**86**	**252**	**20**
Assemblers	482	466	11	7	4	–	–	5
Checkers, examiners, and inspectors; manufacturing	322	317	5	–	5	–	–	–
Garage workers and gas station attendants	501	447	4	–	4	–	40	10
Laundry and drycleaning operatives, n.e.c	52	25	10	5	5	–	17	–
Meat cutters and butchers	339	270	13	–	–	13	56	–
Mine operatives, n.e.c	2 042	2 003	15	–	8	7	19	5
Packers and wrappers, except produce	154	143	5	–	–	5	6	–
Painters, manufactured articles	174	167	4	4	–	–	3	–
Precision machine operatives	743	725	10	5	–	5	8	–
Sawyers	207	191	–	–	–	–	16	–
Stationary firemen	184	102	78	–	44	34	4	–
Textile operatives	24	24	–	–	–	–	–	–
Welders and flamecutters	1 299	1 268	11	4	–	7	20	–
Other metalworking operatives	721	707	4	–	4	–	10	–
Other specified operatives	1 301	1 248	21	–	10	11	32	–
Miscellaneous and not specified operatives	2 652	2 622	9	–	5	4	21	–
Occupation:								
Machine operatives, miscellaneous specified	693	688	–	–	–	–	5	–
Machine operatives, not specified	323	319	4	–	–	4	–	–
Miscellaneous operatives	879	869	5	–	5	–	5	–
Not specified operatives	757	746	–	–	–	–	11	–
Industry:								
Manufacturing	2 303	2 287	–	–	–	–	16	–
Durable goods	2 030	2 019	–	–	–	–	11	–
Wood products, including furniture	69	63	–	–	–	–	6	–
Primary metal industries	1 647	1 647	–	–	–	–	–	–
Fabricated metal industries	81	76	–	–	–	–	5	–
Machinery, including electrical	50	50	–	–	–	–	–	–
Motor vehicles and equipment	21	21	–	–	–	–	–	–
Transportation equipment, except motor vehicles	31	31	–	–	–	–	–	–
Other durable goods	131	131	–	–	–	–	–	–
Nondurable goods	273	268	–	–	–	–	5	–
Food and kindred products	128	123	–	–	–	–	5	–
Apparel and other fabricated textile products	41	41	–	–	–	–	–	–
Paper and allied products	4	4	–	–	–	–	–	–
Chemicals and allied products	4	4	–	–	–	–	–	–
Other nondurable goods	96	96	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	349	335	9	–	5	4	5	–
Transportation, communications, and other public utilities	98	98	–	–	–	–	–	–
Wholesale and retail trade	162	157	–	–	–	–	5	–
All other industries	89	80	9	–	5	4	–	–
Transport equipment operatives	**4 240**	**3 756**	**221**	**10**	**91**	**120**	**249**	**14**
Bus drivers	189	158	14	–	–	14	17	–
Taxicab drivers and chauffeurs	68	51	17	–	7	10	–	–
Truck drivers and deliverymen	3 079	2 708	161	5	76	80	196	14
Other transport equipment operatives	904	839	29	5	8	16	36	–
Laborers, except farm	**5 698**	**5 119**	**490**	**34**	**292**	**164**	**83**	**6**
Construction laborers	949	632	317	11	208	98	–	–
Freight, stock, and material handlers	1 653	1 579	43	5	13	25	31	–
Other specified laborers	768	665	77	13	48	16	26	–
Miscellaneous and not specified laborers	2 328	2 243	53	5	23	25	26	6
Occupation:								
Miscellaneous laborers	1 205	1 176	18	5	–	13	11	–
Not specified laborers	1 123	1 067	35	–	23	12	15	6
Industry:								
Manufacturing	1 714	1 708	–	–	–	–	–	6
Durable goods	1 625	1 619	–	–	–	–	–	6
Wood products, including furniture	53	53	–	–	–	–	–	–
Metal industries	1 395	1 389	–	–	–	–	–	6
Machinery, including electrical	25	25	–	–	–	–	–	–
Transportation equipment	87	87	–	–	–	–	–	–
Other durable goods	65	65	–	–	–	–	–	–
Nondurable goods	84	84	–	–	–	–	–	–
Food and kindred products	31	31	–	–	–	–	–	–
Not specified manufacturing industries	5	5	–	–	–	–	–	–
Nonmanufacturing industries	614	535	53	5	23	25	26	–
Railroads and railway express service	313	308	5	5	–	–	–	–
Transportation, except railroads	15	5	10	–	10	–	–	–
Communications, and utilities and sanitary services	45	30	15	–	–	15	–	–
Wholesale and retail trade	107	92	–	–	–	–	15	–
All other industries	134	100	23	–	13	10	11	–
Farmers and farm managers	**1 063**	**52**	–	–	–	–	**1 011**	–
Farm laborers and farm foremen	**692**	**560**	**18**	**5**	**5**	**8**	**5**	**109**
Paid farm laborers and farm foremen	583	560	18	5	5	8	5	–
Unpaid family workers	109	–	–	–	–	–	–	109
Service workers, except private household[1]	**3 924**	**2 176**	**1 355**	**79**	**597**	**679**	**389**	**4**
Cleaning service workers	1 664	1 082	553	41	198	314	29	–
Food service workers	753	554	43	5	33	5	152	4
Cooks, except private household	125	93	21	–	16	5	11	–
Busboys and dishwashers	126	121	5	–	5	–	–	–
Health service workers	214	55	159	6	129	24	–	–
Personal service workers	491	162	137	–	133	4	192	–
Protective service workers	621	190	431	15	98	318	–	–
Firemen, fire protection	117	5	112	–	4	108	–	–
Guards and watchmen	240	168	72	9	41	22	–	–
Policemen and detectives	244	17	227	6	53	168	–	–
Private household workers	**3**	**3**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
JOHNSTOWN SMSA—Continued								
Total—Continued								
Female, 16 years old and over	30 177	22 847	5 735	469	2 143	3 123	1 127	468
Professional, technical, and kindred workers	4 427	2 245	2 063	45	552	1 466	101	18
Accountants	56	35	–	–	–	–	21	–
Computer specialists	24	19	5	–	5	–	–	–
Librarians	136	34	102	–	34	68	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 281	991	270	9	180	81	20	–
Dietitians	19	12	7	–	7	–	–	–
Registered nurses	1 227	972	235	9	150	76	20	–
Health technologists and technicians	197	189	8	–	5	3	–	–
Social scientists	14	10	–	–	–	–	4	–
Social and recreation workers	99	32	61	14	27	20	6	–
Teachers: College and university	102	88	14	–	14	–	–	–
Elementary and prekindergarten	1 414	417	997	22	149	826	–	–
Secondary	596	134	462	–	50	412	–	–
Other teachers	77	18	29	–	14	15	30	–
Engineering and science technicians	37	33	4	–	–	4	–	–
Technicians, except health, and engineering and science	4	–	4	–	4	–	–	–
Writers, artists, and entertainers	112	102	–	–	–	–	4	6
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	29	29	–	–	–	–	–	–
Other professional, technical, and kindred workers	278	143	107	–	70	37	16	12
Managers and administrators, except farm	795	391	189	47	13	129	190	25
Buyers, purchasing agents, and sales managers	71	52	5	5	–	–	9	5
Restaurant, cafeteria, and bar managers	71	20	–	–	–	–	51	–
School administrators	54	37	17	–	–	17	–	–
Other specified managers and administrators	258	78	157	42	9	106	13	10
Managers and administrators, n.e.c., salaried	214	204	10	–	4	6	–	–
Wholesale and retail trade	90	90	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	127	–	–	–	–	–	117	10
Wholesale and retail trade	91	–	–	–	–	–	81	10
Sales workers	2 524	2 225	29	–	29	–	209	61
Demonstrators, hucksters, and peddlers	112	107	–	–	–	–	5	–
Insurance, real estate agents, and brokers	23	19	–	–	–	–	4	–
Sales clerks, retail trade	2 041	1 822	15	–	15	–	148	56
Salesmen, retail trade	57	33	–	–	–	–	24	–
Other sales workers	291	244	14	–	14	–	28	5
Clerical and kindred workers	7 813	6 111	1 421	295	427	699	140	141
Bank tellers	247	239	8	–	4	4	–	–
Bookkeepers	1 082	895	61	–	23	38	55	71
Cashiers	766	735	4	–	–	4	9	18
Counter clerks, except food	131	109	–	–	–	–	16	6
Enumerators and interviewers	35	4	31	19	7	5	–	–
File clerks	116	86	30	5	11	14	–	–
Office machine operators	246	230	16	–	–	16	–	–
Bookkeeping and billing machine operators	50	38	12	–	–	12	–	–
Keypunch operators	162	162	–	–	–	–	–	–
Payroll and timekeeping clerks	64	64	–	–	–	–	–	–
Receptionists	211	172	32	5	18	9	7	–
Secretaries	2 501	1 908	563	64	147	352	4	26
Stenographers	178	105	69	5	60	4	4	–
Telephone operators	309	292	17	4	13	–	–	–
Typists	470	297	173	34	72	67	–	–
Other clerical and kindred workers	1 457	975	417	159	72	186	45	20
Craftsmen and kindred workers	474	435	9	–	9	–	24	6
Foremen, n.e.c	207	198	9	–	9	–	–	–
Operatives, except transport	6 349	6 185	130	4	92	34	14	20
Assemblers	93	87	6	–	–	6	–	–
Bottling and canning operatives	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	292	292	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	75	71	–	–	–	–	4	–
Laundry and drycleaning operatives, including ironers	555	518	37	–	27	10	–	–
Graders and sorters, manufacturing	10	10	–	–	–	–	–	–
Packers and wrappers, except produce	439	439	–	–	–	–	–	–
Sewers and stitchers	3 419	3 381	33	–	23	10	–	5
Textile operatives	24	24	–	–	–	–	–	–
Other specified operatives	710	671	24	4	12	8	10	5
Miscellaneous and not specified operatives	732	692	30	–	30	–	–	10
Manufacturing	659	629	20	–	20	–	–	10
Durable goods	123	113	10	–	10	–	–	–
Machinery, including electrical	28	18	10	–	10	–	–	–
Other durable goods	95	95	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	536	516	10	–	10	–	–	10
Food and kindred products	40	40	–	–	–	–	–	–
Apparel and other fabricated textile products	409	399	10	–	10	–	–	–
Nonmanufacturing industries	73	63	10	–	10	–	–	–
Transport equipment operatives	98	77	10	–	–	10	11	–
Laborers, except farm	231	187	20	10	10	–	15	9
Farmers and farm managers	100	–	–	–	–	–	100	–
Farm laborers and farm foremen	229	92	–	–	–	–	–	137
Paid farm laborers and farm foremen	92	92	–	–	–	–	–	–
Unpaid family workers	137	–	–	–	–	–	–	137
Service workers, except private household[1]	6 440	4 202	1 864	68	1 011	785	323	51
Cleaning service workers	1 042	802	229	14	49	166	5	6
Chambermaids and maids	245	220	19	–	10	9	–	6
Food service workers	2 512	1 888	505	–	166	339	87	32
Cooks, except private household	794	485	288	–	81	207	21	–
Waiters and food counter workers	1 158	1 059	57	–	15	42	25	17
Health service workers	1 452	974	478	7	238	233	–	–
Nursing aides, orderlies, and attendants	754	389	365	7	192	166	–	–
Practical nurses	469	372	97	–	34	63	–	–
Personal service workers	1 149	329	588	40	522	26	227	5
Hairdressers and cosmetologists	410	183	11	–	11	–	216	–
Private household workers	697	697	–	–	–	–	–	–
Private household workers, living in	75	75	–	–	–	–	–	–
Private household workers, living out	622	622	–	–	–	–	–	–

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
LANCASTER SMSA								
Total								
Male, 16 years old and over	**84 900**	**68 214**	**6 004**	**1 607**	**1 679**	**2 718**	**9 939**	**743**
Professional, technical, and kindred workers	**9 517**	**6 450**	**2 071**	**182**	**689**	**1 200**	**990**	**6**
Accountants	689	514	109	39	62	8	66	–
Architects	29	15	–	–	–	–	14	–
Computer specialists	247	214	30	16	10	4	3	–
Engineers	1 467	1 404	40	18	9	13	23	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–
Civil	98	78	14	–	9	5	6	–
Electrical and electronic	364	356	4	4	–	–	4	–
Mechanical	262	249	10	10	–	–	3	–
Other engineers	743	721	12	4	–	8	10	–
Lawyers and judges	152	38	14	–	5	9	100	–
Life and physical scientists	282	276	–	–	–	–	6	–
Chemists	215	215	–	–	–	–	–	–
Physicians, dentists, and related practitioners	657	123	30	20	10	–	498	6
Dentists	178	6	–	–	–	–	172	–
Pharmacists	79	52	–	–	–	–	21	6
Physicians, medical and osteopathic	333	60	25	15	10	–	248	–
Other related practitioners	67	5	5	5	–	–	57	–
Health technologists and technicians	77	53	15	–	15	–	9	–
Religious workers	434	352	5	–	5	–	77	–
Social scientists	98	66	32	6	9	17	–	–
Social and recreation workers	161	57	104	18	31	55	–	–
Teachers	2 152	710	1 420	–	412	1 008	22	–
College and university	610	330	280	–	275	5	–	–
Elementary and prekindergarten	400	102	298	–	27	271	–	–
Secondary	1 063	238	825	–	93	732	–	–
Engineering and science technicians	1 284	1 223	50	10	20	20	11	–
Draftsmen and surveyors	487	452	30	10	–	20	5	–
Electrical and electronic engineering technicians	330	321	9	–	9	–	–	–
Technicians, except health, and engineering and science	78	62	5	5	–	–	11	–
Airplane pilots	21	21	–	–	–	–	–	–
Writers, artists, and entertainers	662	519	30	–	16	14	113	–
Other professional, technical, and kindred workers	1 048	824	187	50	85	52	37	–
Managers and administrators, except farm	**7 395**	**5 286**	**636**	**155**	**157**	**324**	**1 462**	**11**
Buyers, purchasing agents, and sales managers	1 043	863	27	17	10	–	153	–
School administrators	246	65	173	–	21	152	8	–
Specified managers and administrators, public administration	285	–	285	135	63	87	–	–
Other specified managers and administrators	1 042	828	25	–	5	20	189	–
Managers and administrators, n.e.c., salaried	3 656	3 530	126	3	58	65	–	–
Manufacturing	1 349	1 349	–	–	–	–	–	–
Wholesale and retail trade	1 135	1 132	3	3	–	–	–	–
Transportation, communications and other public utilities	198	198	–	–	–	–	–	–
All other industries	974	851	123	–	58	65	–	–
Managers and administrators, n.e.c., self-employed	1 123	–	–	–	–	–	1 112	11
Construction	180	–	–	–	–	–	173	7
Manufacturing	129	–	–	–	–	–	129	–
Wholesale and retail trade	580	–	–	–	–	–	576	4
All other industries	234	–	–	–	–	–	234	–
Sales workers	**5 103**	**4 267**	**42**	**15**	**17**	**10**	**774**	**20**
Insurance agents, brokers, and underwriters	549	432	5	5	–	–	112	–
Real estate agents and brokers	199	149	–	–	–	–	50	–
Sales representatives, manufacturing industries	599	586	–	–	–	–	13	–
Sales representatives, wholesale trade	891	810	–	–	–	–	77	4
Sales clerks, retail trade	1 476	1 130	17	–	17	–	319	10
Salesmen, retail trade	769	622	15	5	–	10	126	6
Salesmen of services and construction	141	114	5	5	–	–	22	–
Other sales workers	479	424	–	–	–	–	55	–
Clerical and kindred workers	**5 422**	**4 345**	**969**	**767**	**112**	**90**	**99**	**9**
Bank tellers and cashiers	311	270	41	18	6	17	–	–
Bookkeepers and billing clerks	519	461	12	12	–	–	44	2
Mail handlers and postal clerks	641	62	579	579	–	–	–	–
Other clerical and kindred workers	3 951	3 552	337	158	106	73	55	7
Craftsmen and kindred workers	**20 395**	**18 045**	**590**	**208**	**156**	**226**	**1 735**	**25**
Apparel craftsmen and upholsterers	204	181	–	–	–	–	23	–
Bakers	104	91	4	–	4	–	9	–
Cabinetmakers	243	211	–	–	–	–	29	3
Construction craftsmen	6 065	5 033	182	66	56	60	850	–
Carpenters	2 145	1 791	59	36	10	13	295	–
Excavating, grading, and road machine operators	447	394	27	–	12	15	26	–
Electricians	863	805	20	–	15	5	38	–
Masons and tile setters	646	570	19	4	5	10	57	–
Painters, construction and maintenance, and paperhangers	689	408	35	16	14	5	246	–
Plasterers and cement finishers	321	262	7	–	–	7	52	–
Plumbers and pipe fitters	720	609	15	10	–	5	96	–
Other construction craftsmen	234	194	–	–	–	–	40	–
Foremen, n.e.c.	2 962	2 837	65	10	18	37	60	–
Manufacturing	2 179	2 148	7	–	–	7	24	–
Nonmanufacturing industries	783	689	58	10	18	30	36	–
Linemen and servicemen, telephone and power	446	435	11	–	5	6	–	–
Locomotive engineers and firemen	48	48	–	–	–	–	–	–
Mechanics and repairmen	4 449	3 880	116	54	30	32	444	9
Air conditioning, heating, and refrigeration	257	211	9	4	5	–	37	–
Aircraft	56	29	27	22	5	–	–	–
Automobile, including body	1 914	1 596	28	8	6	14	281	9
Radio and television	163	109	–	–	–	–	54	–
Other mechanics and repairmen	2 059	1 935	52	20	14	18	72	–
Metal craftsmen, except mechanics	2 727	2 567	69	53	10	6	91	–
Machinists and job and die setters	975	940	31	25	–	6	4	–
Sheetmetal workers and tinsmiths	260	238	11	11	–	–	11	–
Tool and die makers	577	558	4	4	–	–	15	–
Other metal craftsmen	915	831	23	13	10	–	61	–
Printing craftsmen	922	888	13	–	–	13	21	–
Compositors and typesetters	325	325	–	–	–	–	–	–
Pressmen and plate printers, printing	482	464	13	–	–	13	5	–
Stationary engineers and power station operators	295	245	46	–	4	42	4	–
Other craftsmen and kindred workers	1 930	1 629	84	25	29	30	204	13

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
LANCASTER SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**13 908**	**13 380**	**190**	**96**	**52**	**42**	**323**	**15**
Assemblers	969	942	15	15	–	–	12	–
Checkers, examiners, and inspectors; manufacturing	1 111	1 077	34	20	9	5	–	–
Garage workers and gas station attendants	535	502	–	–	–	–	33	–
Laundry and drycleaning operatives, n.e.c	61	48	4	–	–	4	9	–
Meat cutters and butchers	405	357	–	–	–	–	48	–
Mine operatives, n.e.c	173	169	–	–	–	–	4	–
Packers and wrappers, except produce	538	525	9	9	–	–	4	–
Painters, manufactured articles	202	186	11	11	–	–	5	–
Precision machine operatives	1 086	1 071	10	5	–	5	5	–
Sawyers	127	117	–	–	–	–	10	–
Stationary firemen	139	128	11	–	5	6	–	–
Textile operatives	346	341	–	–	–	–	5	–
Welders and flamecutters	970	927	7	–	7	–	36	–
Other metalworking operatives	962	938	15	11	–	4	5	4
Other specified operatives	2 102	2 004	13	5	5	3	79	6
Miscellaneous and not specified operatives	4 182	4 048	61	20	26	15	68	5
Occupation:								
Machine operatives, miscellaneous specified	2 096	2 055	15	5	10	–	26	–
Machine operatives, not specified	620	615	5	–	5	–	–	–
Miscellaneous operatives	948	873	37	11	11	15	33	5
Not specified operatives	518	505	4	4	–	–	9	–
Industry:								
Manufacturing	3 802	3 728	21	12	–	9	53	–
Durable goods	2 561	2 519	18	9	–	9	24	–
Wood products, including furniture	142	139	–	–	–	–	3	–
Primary metal industries	381	371	4	–	–	4	6	–
Fabricated metal industries	304	299	5	5	–	–	–	–
Machinery, including electrical	600	591	5	–	–	5	4	–
Motor vehicles and equipment	33	33	–	–	–	–	–	–
Transportation equipment, except motor vehicles	180	176	4	4	–	–	–	–
Other durable goods	921	910	–	–	–	–	11	–
Nondurable goods	1 236	1 204	3	3	–	–	29	–
Food and kindred products	504	477	3	3	–	–	24	–
Apparel and other fabricated textile products	132	132	–	–	–	–	–	–
Paper and allied products	219	214	–	–	–	–	5	–
Chemicals and allied products	52	52	–	–	–	–	–	–
Other nondurable goods	329	329	–	–	–	–	–	–
Not specified manufacturing industries	5	5	–	–	–	–	–	–
Nonmanufacturing industries	380	320	40	8	26	6	15	5
Transportation, communications, and other public utilities	55	43	12	–	6	6	–	–
Wholesale and retail trade	157	152	–	–	–	–	5	–
All other industries	168	125	28	8	20	–	10	5
Transport equipment operatives	**5 920**	**5 362**	**146**	**32**	**45**	**69**	**386**	**26**
Bus drivers	138	95	11	–	–	11	32	–
Taxicab drivers and chauffeurs	113	101	7	–	7	–	5	–
Truck drivers and deliverymen	4 662	4 191	107	20	38	49	338	26
Other transport equipment operatives	1 007	975	21	12	–	9	11	–
Laborers, except farm	**5 279**	**4 787**	**350**	**66**	**145**	**139**	**125**	**17**
Construction laborers	1 206	1 020	181	–	117	64	–	5
Freight, stock, and material handlers	2 019	1 903	66	56	–	10	50	–
Other specified laborers	927	806	63	5	13	45	52	6
Miscellaneous and not specified laborers	1 127	1 058	40	5	15	20	23	6
Occupation:								
Miscellaneous laborers	288	262	8	–	–	8	18	–
Not specified laborers	839	796	32	5	15	12	5	6
Industry:								
Manufacturing	754	738	5	–	–	5	5	6
Durable goods	560	544	5	–	–	5	5	6
Wood products, including furniture	34	28	–	–	–	–	–	6
Metal industries	220	210	5	–	–	5	5	–
Machinery, including electrical	81	81	–	–	–	–	–	–
Transportation equipment	23	23	–	–	–	–	–	–
Other durable goods	202	202	–	–	–	–	–	–
Nondurable goods	189	189	–	–	–	–	–	–
Food and kindred products	59	59	–	–	–	–	–	–
Not specified manufacturing industries	5	5	–	–	–	–	–	–
Nonmanufacturing industries	373	320	35	5	15	15	18	–
Railroads and railway express service	50	50	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	44	27	17	–	6	11	–	–
Wholesale and retail trade	182	173	–	–	–	–	9	–
All other industries	97	70	18	5	9	4	9	–
Farmers and farm managers	**3 978**	**267**	–	–	–	–	**3 711**	–
Farm laborers and farm foremen	**2 540**	**1 917**	**11**	**11**	–	–	**13**	**599**
Paid farm laborers and farm foremen	1 941	1 917	11	11	–	–	13	–
Unpaid family workers	599	–	–	–	–	–	–	599
Service workers, except private household[1]	**5 422**	**4 087**	**999**	**75**	**306**	**618**	**321**	**15**
Cleaning service workers	2 169	1 745	392	14	111	267	24	8
Food service workers	1 417	1 272	56	13	39	4	82	7
Cooks, except private household	357	309	10	4	6	–	31	7
Busboys and dishwashers	422	396	26	5	17	4	–	–
Health service workers	136	84	44	8	22	14	8	–
Personal service workers	501	262	32	9	19	4	207	–
Protective service workers	892	434	458	31	110	317	–	–
Firemen, fire protection	88	6	82	–	–	82	–	–
Guards and watchmen	545	428	117	25	48	44	–	–
Policemen and detectives	235	–	235	6	57	172	–	–
Private household workers	**21**	**21**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
LANCASTER SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**51 800**	**43 595**	**5 467**	**565**	**1 395**	**3 507**	**1 944**	**794**
Professional, technical, and kindred workers	**6 525**	**3 561**	**2 611**	**61**	**526**	**2 024**	**335**	**18**
Accountants	155	150	–	–	–	–	5	–
Computer specialists	48	42	6	6	–	–	–	–
Librarians	217	68	149	–	34	115	–	–
Mathematical specialists	14	14	–	–	–	–	–	–
Life and physical scientists	34	34	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 644	1 361	199	19	96	84	78	6
Dietitians	28	17	11	–	–	11	–	–
Registered nurses	1 544	1 288	172	19	80	73	78	6
Health technologists and technicians	220	198	22	–	12	10	–	–
Social scientists	8	4	4	–	4	–	–	–
Social and recreation workers	197	79	118	–	71	47	–	–
Teachers: College and university	129	58	71	–	71	–	–	–
Elementary and prekindergarten	1 867	477	1 385	15	109	1 261	5	–
Secondary	659	162	497	–	74	423	–	–
Other teachers	311	106	25	6	3	16	180	–
Engineering and science technicians	205	187	14	5	9	–	4	–
Technicians, except health, and engineering and science	5	–	5	5	–	–	–	–
Writers, artists, and entertainers	268	225	21	–	14	7	22	–
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	71	63	5	–	5	–	3	–
Other professional, technical, and kindred workers	544	396	95	5	29	61	41	12
Managers and administrators, except farm	**1 123**	**758**	**127**	**48**	**11**	**68**	**203**	**35**
Buyers, purchasing agents, and sales managers	166	145	–	–	–	–	15	6
Restaurant, cafeteria, and bar managers	165	64	35	5	–	30	52	14
School administrators	40	27	9	–	5	4	4	–
Other specified managers and administrators	270	178	73	43	6	24	14	5
Managers and administrators, n.e.c., salaried	354	344	10	–	–	10	–	–
Wholesale and retail trade	158	158	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	128	–	–	–	–	–	118	10
Wholesale and retail trade	89	–	–	–	–	–	86	3
Sales workers	**3 743**	**3 328**	**75**	**44**	**5**	**26**	**234**	**106**
Demonstrators, hucksters, and peddlers	249	200	–	–	–	–	49	–
Insurance, real estate agents, and brokers	99	99	–	–	–	–	–	–
Sales clerks, retail trade	2 809	2 553	35	18	5	12	139	82
Salesmen, retail trade	95	60	6	6	–	–	18	11
Other sales workers	491	416	34	20	–	14	28	13
Clerical and kindred workers	**13 140**	**11 438**	**1 316**	**313**	**434**	**569**	**161**	**225**
Bank tellers	280	269	11	5	–	6	–	–
Bookkeepers	1 770	1 543	89	32	19	38	60	78
Cashiers	932	850	42	–	8	34	18	22
Counter clerks, except food	189	189	–	–	–	–	–	–
Enumerators and interviewers	21	13	8	–	–	8	–	–
File clerks	264	217	44	9	29	6	3	–
Office machine operators	447	423	24	9	5	10	–	–
Bookkeeping and billing machine operators	82	82	–	–	–	–	–	–
Keypunch operators	288	269	19	9	–	10	–	–
Payroll and timekeeping clerks	290	286	4	–	–	4	–	–
Receptionists	386	354	14	5	5	4	–	18
Secretaries	3 902	3 409	404	38	129	237	10	79
Stenographers	166	137	29	5	14	10	–	–
Telephone operators	404	368	30	4	22	4	6	–
Typists	1 330	1 148	165	12	80	73	17	–
Other clerical and kindred workers	2 759	2 232	452	194	123	135	47	28
Craftsmen and kindred workers	**1 333**	**1 209**	**43**	**–**	**13**	**30**	**69**	**12**
Foremen, n.e.c.	321	316	5	–	5	–	–	–
Operatives, except transport	**14 231**	**13 751**	**191**	**68**	**50**	**73**	**207**	**82**
Assemblers	1 423	1 409	14	–	9	5	–	–
Bottling and canning operatives	22	22	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 592	1 574	10	10	–	–	4	4
Dressmakers and seamstresses, except factory	162	52	–	–	–	–	110	–
Laundry and drycleaning operatives, including ironers	459	431	24	–	17	7	–	4
Graders and sorters, manufacturing	52	52	–	–	–	–	–	–
Packers and wrappers, except produce	1 352	1 325	18	14	–	4	4	5
Sewers and stitchers	4 084	4 028	26	11	4	11	12	18
Textile operatives	308	308	–	–	–	–	–	–
Other specified operatives	2 193	2 063	46	23	5	18	38	46
Miscellaneous and not specified operatives	2 584	2 487	53	10	15	28	39	5
Manufacturing	2 447	2 383	42	10	10	22	22	–
Durable goods	1 192	1 165	21	5	4	12	6	–
Machinery, including electrical	500	496	4	–	4	–	–	–
Other durable goods	692	669	17	5	–	12	6	–
Nondurable goods, including not specified manufacturing	1 255	1 218	21	5	6	10	16	–
Food and kindred products	218	208	5	5	–	–	5	–
Apparel and other fabricated textile products	400	389	–	–	–	–	11	–
Nonmanufacturing industries	137	104	11	–	5	6	17	5
Transport equipment operatives	**212**	**196**	**11**	**–**	**–**	**11**	**5**	**–**
Laborers, except farm	**712**	**654**	**9**	**–**	**9**	**–**	**40**	**9**
Farmers and farm managers	**214**	**29**	**–**	**–**	**–**	**–**	**180**	**5**
Farm laborers and farm foremen	**459**	**243**	**–**	**–**	**–**	**–**	**–**	**216**
Paid farm laborers and farm foremen	243	243	–	–	–	–	–	–
Unpaid family workers	216	–	–	–	–	–	–	216
Service workers, except private household[1]	**8 480**	**6 835**	**1 084**	**31**	**347**	**706**	**475**	**86**
Cleaning service workers	1 250	1 089	141	6	66	69	11	9
Chambermaids and maids	414	376	18	–	13	5	11	9
Food service workers	3 944	3 234	606	10	176	420	57	47
Cooks, except private household	1 046	795	193	–	33	160	30	28
Waiters and food counter workers	1 931	1 729	170	6	66	98	18	14
Health service workers	1 636	1 499	102	9	38	55	24	11
Nursing aides, orderlies, and attendants	842	790	52	5	33	14	–	–
Practical nurses	621	542	50	4	5	41	24	5
Personal service workers	1 246	739	129	–	63	66	363	15
Hairdressers and cosmetologists	683	356	–	–	–	–	327	–
Private household workers	**1 628**	**1 593**	**–**	**–**	**–**	**–**	**35**	**–**
Private household workers, living in	93	93	–	–	–	–	–	–
Private household workers, living out	1 535	1 500	–	–	–	–	35	–

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA								
Total								
Male, 16 years old and over	**1 165 250**	**921 622**	**153 556**	**64 086**	**20 288**	**69 182**	**88 363**	**1 709**
Professional, technical, and kindred workers	**185 216**	**125 922**	**39 530**	**12 098**	**6 904**	**20 528**	**19 682**	**82**
Accountants	15 267	11 451	2 175	1 453	317	405	1 636	5
Architects	1 662	1 081	150	91	6	53	431	–
Computer specialists	7 201	6 301	856	677	49	130	44	–
Engineers	34 950	29 647	4 519	3 635	428	456	784	–
Aeronautical and astronautical	1 549	1 352	197	197	–	–	–	–
Civil	3 381	2 308	963	334	364	265	110	–
Electrical and electronic	8 747	7 692	1 006	972	9	25	49	–
Mechanical	5 847	4 725	1 018	984	5	29	104	–
Other engineers	15 426	13 570	1 335	1 148	50	137	521	–
Lawyers and judges	6 043	2 015	787	368	185	234	3 241	–
Life and physical scientists	5 603	4 683	831	652	63	116	89	–
Chemists	4 391	3 900	428	328	21	79	63	–
Physicians, dentists, and related practitioners	15 328	5 531	855	215	346	294	8 931	11
Dentists	2 572	306	81	15	35	31	2 185	–
Pharmacists	2 799	1 793	55	26	16	13	945	6
Physicians, medical and osteopathic	8 665	3 266	706	171	289	246	4 688	5
Other related practitioners	1 292	166	13	3	6	4	1 113	–
Health technologists and technicians	1 583	1 319	212	74	83	55	52	–
Religious workers	3 982	3 545	47	8	31	8	390	–
Social scientists	2 632	1 997	517	196	164	157	112	6
Social and recreation workers	2 593	673	1 882	151	690	1 041	32	6
Teachers	27 732	10 330	17 098	191	2 765	14 142	299	5
College and university	7 097	5 117	1 980	44	1 460	476	–	–
Elementary and prekindergarten	5 842	1 168	4 674	48	441	4 185	–	–
Secondary	12 924	2 845	10 079	39	749	9 291	–	–
Engineering and science technicians	20 942	18 501	2 260	1 612	238	410	181	–
Draftsmen and surveyors	9 334	8 349	856	438	123	295	129	–
Electrical and electronic engineering technicians	4 175	3 536	614	551	45	18	25	–
Technicians, except health, and engineering and science	1 890	1 168	691	353	57	281	31	–
Airplane pilots	559	532	17	17	–	–	10	–
Writers, artists, and entertainers	13 500	10 534	680	415	100	165	2 258	28
Other professional, technical, and kindred workers	24 308	17 146	5 970	2 007	1 382	2 581	1 171	21
Managers and administrators, except farm	**125 601**	**95 188**	**13 422**	**6 146**	**2 046**	**5 230**	**16 784**	**207**
Buyers, purchasing agents, and sales managers	19 153	16 850	1 051	897	88	66	1 236	16
School administrators	3 126	975	2 123	10	344	1 769	28	–
Specified managers and administrators, public administration	6 980	–	6 980	4 130	865	1 985	–	–
Other specified managers and administrators	22 984	18 693	1 284	505	201	578	2 965	42
Managers and administrators, n.e.c., salaried	60 654	58 670	1 984	604	548	832	–	–
Manufacturing	21 022	20 722	300	290	–	10	–	–
Wholesale and retail trade	16 462	16 127	335	76	246	13	–	–
Transportation, communications and other public utilities	4 709	4 468	241	43	34	164	–	–
All other industries	18 461	17 353	1 108	195	268	645	–	–
Managers and administrators, n.e.c., self-employed	12 704	–	–	–	–	–	12 555	149
Construction	2 110	–	–	–	–	–	2 106	4
Manufacturing	1 284	–	–	–	–	–	1 265	19
Wholesale and retail trade	6 876	–	–	–	–	–	6 818	58
All other industries	2 434	–	–	–	–	–	2 366	68
Sales workers	**90 156**	**75 169**	**1 663**	**260**	**1 156**	**247**	**13 058**	**266**
Insurance agents, brokers, and underwriters	10 549	9 253	30	19	–	11	1 266	–
Real estate agents and brokers	3 860	2 401	16	–	10	6	1 443	–
Sales representatives, manufacturing industries	12 501	11 919	16	10	–	6	560	6
Sales representatives, wholesale trade	16 064	13 685	64	9	39	16	2 297	18
Sales clerks, retail trade	22 658	17 151	919	94	787	38	4 397	191
Salesmen, retail trade	9 240	7 906	14	9	–	5	1 304	16
Salesmen of services and construction	4 221	3 657	264	33	205	26	296	4
Other sales workers	11 063	9 197	340	86	115	139	1 495	31
Clerical and kindred workers	**111 298**	**81 501**	**28 243**	**22 769**	**1 656**	**3 818**	**1 451**	**103**
Bank tellers and cashiers	5 422	4 935	408	55	216	137	79	–
Bookkeepers and billing clerks	8 551	7 234	954	555	148	251	332	31
Mail handlers and postal clerks	15 953	2 048	13 892	13 796	40	56	13	–
Other clerical and kindred workers	81 372	67 284	12 989	8 363	1 252	3 374	1 027	72
Craftsmen and kindred workers	**248 836**	**208 121**	**20 697**	**11 970**	**2 320**	**6 407**	**19 821**	**197**
Apparel craftsmen and upholsterers	3 559	2 802	88	56	12	20	663	6
Bakers	2 918	2 511	91	44	14	33	298	18
Cabinetmakers	1 284	995	47	5	24	18	233	9
Construction craftsmen	62 438	48 338	5 710	3 277	691	1 742	8 338	52
Carpenters	16 458	12 729	1 010	571	124	315	2 686	33
Excavating, grading, and road machine operators	3 686	2 967	475	62	126	287	244	–
Electricians	11 609	9 259	1 628	1 215	151	262	717	5
Masons and tile setters	5 077	4 298	191	26	40	125	583	5
Painters, construction and maintenance, and paperhangers	7 509	4 557	824	385	88	351	2 128	–
Plasterers and cement finishers	2 367	1 919	134	27	33	74	314	–
Plumbers and pipe fitters	11 544	9 066	1 347	955	129	263	1 122	9
Other construction craftsmen	4 188	3 543	101	36	–	65	544	–
Foremen, n.e.c.	34 523	31 630	2 443	1 276	378	789	445	5
Manufacturing	21 578	20 770	637	593	20	24	166	5
Nonmanufacturing industries	12 945	10 860	1 806	683	358	765	279	–
Linemen and servicemen, telephone and power	8 551	8 376	140	76	12	52	35	–
Locomotive engineers and firemen	980	963	17	4	9	4	–	–
Mechanics and repairmen	55 004	45 583	4 357	2 261	437	1 659	5 015	49
Air conditioning, heating, and refrigeration	3 816	3 016	336	171	37	128	464	–
Aircraft	1 359	922	437	403	29	5	–	–
Automobile, including body	20 813	16 831	1 186	338	179	669	2 772	24
Radio and television	2 882	1 850	366	286	11	69	666	–
Other mechanics and repairmen	26 134	22 964	2 032	1 063	181	788	1 113	25
Metal craftsmen, except mechanics	28 606	25 117	2 998	2 721	75	202	491	–
Machinists and job and die setters	11 155	9 843	1 197	1 058	22	117	115	–
Sheetmetal workers and tinsmiths	4 734	4 014	634	607	22	5	86	–
Tool and die makers	5 676	5 292	254	229	13	12	130	–
Other metal craftsmen	7 041	5 968	913	827	18	68	160	–
Printing craftsmen	11 708	11 015	229	158	8	63	455	9
Compositors and typesetters	4 424	4 087	71	58	–	13	260	6
Pressmen and plate printers, printing	5 616	5 356	129	87	8	34	128	3
Stationary engineers and power station operators	5 006	3 910	1 087	144	149	794	9	–
Other craftsmen and kindred workers	34 259	26 881	3 490	1 948	511	1 031	3 839	49

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**159 090**	**149 250**	**6 384**	**4 018**	**582**	**1 784**	**3 340**	**116**
Assemblers	10 358	10 057	227	170	10	47	64	10
Checkers, examiners, and inspectors; manufacturing	10 046	9 469	545	432	35	78	28	4
Garage workers and gas station attendants	6 493	5 910	82	16	–	66	475	26
Laundry and drycleaning operatives, n.e.c	1 572	1 153	105	28	44	33	298	16
Meat cutters and butchers	6 108	5 358	96	45	21	30	649	5
Mine operatives, n.e.c	257	242	–	–	–	–	15	–
Packers and wrappers, except produce	6 953	6 643	279	199	11	69	31	–
Painters, manufactured articles	2 602	2 435	105	95	–	10	62	–
Precision machine operatives	11 027	10 694	209	193	–	16	124	–
Sawyers	658	622	16	6	5	5	20	–
Stationary firemen	2 091	1 656	435	138	31	266	–	–
Textile operatives	3 203	3 137	28	–	11	17	38	–
Welders and flamecutters	11 977	10 866	875	706	50	119	231	5
Other metalworking operatives	7 180	6 976	173	123	21	29	31	–
Other specified operatives	32 758	30 439	1 428	787	197	444	860	31
Miscellaneous and not specified operatives	45 807	43 593	1 781	1 080	146	555	414	19
Occupation:								
Machine operatives, miscellaneous specified	19 817	19 132	597	415	31	151	88	–
Machine operatives, not specified	9 452	8 993	421	283	32	106	38	–
Miscellaneous operatives	11 818	10 999	585	264	71	250	220	14
Not specified operatives	4 720	4 469	178	118	12	48	68	5
Industry:								
Manufacturing	39 657	38 630	828	623	59	146	199	–
Durable goods	19 270	18 476	696	567	36	93	98	–
Wood products, including furniture	883	871	6	–	–	6	6	–
Primary metal industries	3 737	3 694	36	20	3	13	7	–
Fabricated metal industries	3 272	3 225	37	30	7	–	10	–
Machinery, including electrical	5 546	5 436	83	25	15	43	27	–
Motor vehicles and equipment	737	725	12	5	–	7	–	–
Transportation equipment, except motor vehicles	1 126	800	322	308	–	14	4	–
Other durable goods	3 969	3 725	200	179	11	10	44	–
Nondurable goods	19 987	19 771	115	56	14	45	101	–
Food and kindred products	3 148	3 096	29	4	4	21	23	–
Apparel and other fabricated textile products	706	681	8	8	–	–	17	–
Paper and allied products	3 962	3 945	12	–	–	12	5	–
Chemicals and allied products	5 081	5 036	37	19	10	8	8	–
Other nondurable goods	7 090	7 013	29	25	–	4	48	–
Not specified manufacturing industries	400	383	17	–	9	8	–	–
Nonmanufacturing industries	6 150	4 963	953	457	87	409	215	19
Transportation, communications, and other public utilities	1 276	1 076	192	5	6	181	4	4
Wholesale and retail trade	2 307	2 223	38	8	7	23	42	4
All other industries	2 567	1 664	723	444	74	205	169	11
Transport equipment operatives	**67 232**	**59 625**	**5 205**	**1 066**	**787**	**3 352**	**2 329**	**73**
Bus drivers	4 954	3 573	1 334	49	255	1 030	47	–
Taxicab drivers and chauffeurs	3 585	3 265	162	54	27	81	154	4
Truck drivers and deliverymen	43 889	39 105	2 815	586	374	1 855	1 926	43
Other transport equipment operatives	14 804	13 682	894	377	131	386	202	26
Laborers, except farm	**67 037**	**57 312**	**8 055**	**2 610**	**1 046**	**4 399**	**1 547**	**123**
Construction laborers	11 738	9 965	1 734	219	516	999	–	39
Freight, stock, and material handlers	26 807	23 623	2 787	1 378	180	1 229	345	52
Other specified laborers	17 594	14 511	2 106	712	256	1 138	955	22
Miscellaneous and not specified laborers	10 898	9 213	1 428	301	94	1 033	247	10
Occupation:								
Miscellaneous laborers	3 591	2 708	740	88	25	627	143	–
Not specified laborers	7 307	6 505	688	213	69	406	104	10
Industry:								
Manufacturing	6 058	5 827	176	137	–	39	55	–
Durable goods	3 878	3 677	163	129	–	34	38	–
Wood products, including furniture	156	156	–	–	–	–	–	–
Metal industries	2 175	2 134	37	22	–	15	4	–
Machinery, including electrical	568	546	17	11	–	6	5	–
Transportation equipment	318	221	97	84	–	13	–	–
Other durable goods	661	620	12	12	–	–	29	–
Nondurable goods	2 114	2 092	5	–	–	5	17	–
Food and kindred products	505	500	–	–	–	–	5	–
Not specified manufacturing industries	66	58	8	8	–	–	–	–
Nonmanufacturing industries	4 840	3 386	1 252	164	94	994	192	10
Railroads and railway express service	497	474	23	–	11	12	–	–
Transportation, except railroads	239	200	33	5	9	19	6	–
Communications, and utilities and sanitary services	1 095	330	745	7	26	712	15	5
Wholesale and retail trade	1 477	1 301	33	8	–	25	138	5
All other industries	1 532	1 081	418	144	48	226	33	–
Farmers and farm managers	**4 815**	**672**	**53**	**23**	**15**	**15**	**4 087**	**3**
Farm laborers and farm foremen	**5 191**	**4 610**	**142**	**13**	**75**	**54**	**59**	**380**
Paid farm laborers and farm foremen	4 811	4 610	142	13	75	54	59	–
Unpaid family workers	380	–	–	–	–	–	–	380
Service workers, except private household[1]	**99 957**	**63 477**	**30 162**	**3 113**	**3 701**	**23 348**	**6 159**	**159**
Cleaning service workers	27 329	20 032	6 741	1 064	998	4 679	535	21
Food service workers	23 586	20 888	1 013	402	283	328	1 612	73
Cooks, except private household	7 612	6 543	438	187	144	107	612	19
Busboys and dishwashers	4 851	4 671	159	46	34	79	21	–
Health service workers	2 942	1 851	1 076	239	467	370	15	–
Personal service workers	9 416	5 446	538	71	182	285	3 421	11
Protective service workers	26 521	7 553	18 906	940	1 460	16 506	62	–
Firemen, fire protection	3 535	109	3 426	81	38	3 307	–	–
Guards and watchmen	9 689	6 996	2 675	347	822	1 506	18	–
Policemen and detectives	12 394	391	11 959	485	577	10 897	44	–
Private household workers	**821**	**775**	–	–	–	–	**46**	–

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**713 247**	**571 227**	**117 649**	**31 138**	**19 234**	**67 277**	**19 451**	**4 920**
Professional, technical, and kindred workers	**109 013**	**60 777**	**44 089**	**3 988**	**6 559**	**33 542**	**3 909**	**238**
Accountants	3 764	2 150	1 533	1 385	63	85	77	4
Computer specialists	1 546	1 328	204	168	24	12	10	4
Librarians	2 254	1 023	1 218	38	78	1 102	5	8
Mathematical specialists	323	289	34	16	6	12	–	–
Life and physical scientists	1 024	810	209	59	92	58	5	–
Registered nurses, dietitians, and therapists	23 079	18 155	4 027	624	1 124	2 279	825	72
Dietitians	880	687	187	35	85	67	–	6
Registered nurses	21 088	16 831	3 405	573	820	2 012	786	66
Health technologists and technicians	5 558	4 800	712	143	224	345	36	10
Social scientists	593	323	242	65	62	115	28	–
Social and recreation workers	4 113	1 637	2 444	116	1 278	1 050	5	27
Teachers: College and university	2 534	1 695	839	13	574	252	–	–
Elementary and prekindergarten	27 493	9 004	18 407	167	1 235	17 005	65	17
Secondary	10 912	2 736	8 176	22	587	7 567	–	–
Other teachers	2 560	1 261	333	60	89	184	951	15
Engineering and science technicians	2 386	2 188	198	127	27	44	–	–
Technicians, except health, and engineering and science	396	151	232	57	49	126	13	–
Writers, artists, and entertainers	5 431	4 254	277	131	27	119	866	34
Actors and dancers	118	114	–	–	–	–	4	–
Authors, editors, and reporters	1 567	1 352	42	26	7	9	163	10
Other professional, technical, and kindred workers	15 047	8 973	5 004	797	1 020	3 187	1 023	47
Managers and administrators, except farm	**20 895**	**14 370**	**3 278**	**1 385**	**323**	**1 570**	**2 874**	**373**
Buyers, purchasing agents, and sales managers	3 653	2 880	503	450	24	29	253	17
Restaurant, cafeteria, and bar managers	1 713	827	305	32	34	239	535	46
School administrators	1 398	816	566	–	76	490	16	–
Other specified managers and administrators	5 103	3 190	1 593	815	122	656	270	50
Managers and administrators, n.e.c., salaried	6 968	6 657	311	88	67	156	–	–
Wholesale and retail trade	2 361	2 325	36	25	11	–	–	–
Managers and administrators, n.e.c., self-employed	2 060	–	–	–	–	–	1 800	260
Wholesale and retail trade	1 391	–	–	–	–	–	1 238	153
Sales workers	**53 776**	**48 695**	**589**	**307**	**105**	**177**	**3 324**	**1 168**
Demonstrators, hucksters, and peddlers	1 293	1 042	15	–	–	15	232	4
Insurance, real estate agents, and brokers	2 451	2 242	16	12	–	4	180	13
Sales clerks, retail trade	39 687	36 279	322	214	51	57	2 192	894
Salesmen, retail trade	1 209	935	–	–	–	–	171	103
Other sales workers	9 136	8 197	236	81	54	101	549	154
Clerical and kindred workers	**277 040**	**227 216**	**45 804**	**21 258**	**6 853**	**17 693**	**2 011**	**2 009**
Bank tellers	5 028	4 790	223	171	31	21	10	5
Bookkeepers	28 458	25 032	2 277	1 151	319	807	473	676
Cashiers	16 116	14 755	946	177	95	674	257	158
Counter clerks, except food	3 759	3 535	97	66	11	20	75	52
Enumerators and interviewers	956	564	343	197	34	112	49	–
File clerks	10 176	8 300	1 851	1 104	196	551	20	5
Office machine operators	13 029	10 702	2 291	1 823	142	326	27	9
Bookkeeping and billing machine operators	1 396	1 249	143	70	32	41	–	4
Keypunch operators	8 335	6 515	1 804	1 548	71	185	16	–
Payroll and timekeeping clerks	3 353	2 904	437	221	34	182	6	6
Receptionists	6 196	5 557	528	104	175	249	50	61
Secretaries	75 215	63 768	10 531	3 307	1 900	5 324	288	628
Stenographers	2 692	1 588	1 047	437	221	389	57	–
Telephone operators	10 157	9 523	587	157	134	296	42	5
Typists	32 787	24 822	7 663	3 278	1 526	2 859	206	96
Other clerical and kindred workers	69 118	51 376	16 983	9 065	2 035	5 883	451	308
Craftsmen and kindred workers	**11 467**	**10 094**	**770**	**337**	**110**	**323**	**533**	**70**
Foremen, n.e.c.	3 247	2 964	235	132	53	50	37	11
Operatives, except transport	**109 604**	**105 210**	**3 192**	**1 924**	**479**	**789**	**968**	**234**
Assemblers	10 413	10 167	226	128	25	73	20	–
Bottling and canning operatives	499	497	–	–	–	–	2	–
Checkers, examiners, and inspectors; manufacturing	8 236	8 019	210	120	32	58	7	–
Dressmakers and seamstresses, except factory	2 188	1 419	340	296	20	24	408	21
Laundry and drycleaning operatives, including ironers	5 558	4 994	429	132	135	162	110	25
Graders and sorters, manufacturing	593	576	4	4	–	–	6	7
Packers and wrappers, except produce	13 498	13 350	117	57	15	45	22	9
Sewers and stitchers	26 489	25 672	646	475	57	114	139	32
Textile operatives	4 331	4 276	35	19	–	16	15	5
Other specified operatives	21 014	20 024	710	414	113	183	174	106
Miscellaneous and not specified operatives	16 785	16 216	475	279	82	114	65	29
Manufacturing	14 963	14 661	243	136	33	74	49	10
Durable goods	5 888	5 709	158	105	22	31	17	4
Machinery, including electrical	2 717	2 685	32	16	6	10	–	–
Other durable goods	3 171	3 024	126	89	16	21	17	4
Nondurable goods, including not specified manufacturing	9 075	8 952	85	31	11	43	32	6
Food and kindred products	1 561	1 521	13	5	–	8	21	6
Apparel and other fabricated textile products	2 091	2 070	21	16	–	5	–	–
Nonmanufacturing industries	1 822	1 555	232	143	49	40	16	19
Transport equipment operatives	**2 566**	**1 608**	**886**	**20**	**78**	**788**	**72**	**–**
Laborers, except farm	**5 293**	**4 702**	**369**	**152**	**63**	**154**	**179**	**43**
Farmers and farm managers	**875**	**97**	**5**	**5**	**–**	**–**	**768**	**5**
Farm laborers and farm foremen	**1 290**	**1 007**	**26**	**17**	**5**	**4**	**11**	**246**
Paid farm laborers and farm foremen	1 044	1 007	26	17	5	4	11	–
Unpaid family workers	246	–	–	–	–	–	–	246
Service workers, except private household[1]	**98 841**	**74 998**	**18 594**	**1 714**	**4 654**	**12 226**	**4 715**	**534**
Cleaning service workers	12 900	9 823	2 952	201	600	2 151	100	25
Chambermaids and maids	3 092	2 666	396	37	67	292	23	7
Food service workers	36 646	31 081	4 574	505	731	3 338	702	289
Cooks, except private household	5 691	3 905	1 355	125	196	1 034	315	116
Waiters and food counter workers	23 529	22 146	994	204	143	647	254	135
Health service workers	20 856	15 970	4 365	518	2 096	1 751	452	69
Nursing aides, orderlies, and attendants	10 003	7 251	2 689	270	1 492	927	39	24
Practical nurses	6 867	5 382	1 072	144	375	553	413	–
Personal service workers	13 866	8 643	2 236	173	705	1 358	2 914	73
Hairdressers and cosmetologists	7 602	5 028	55	–	38	17	2 480	39
Private household workers	**22 587**	**22 453**	**47**	**31**	**5**	**11**	**87**	**–**
Private household workers, living in	1 725	1 725	–	–	–	–	–	–
Private household workers, living out	20 862	20 728	47	31	5	11	87	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Negro								
Male, 16 years old and over	161 352	120 054	35 296	15 224	3 865	16 207	5 848	154
Professional, technical, and kindred workers	10 254	5 137	4 507	1 059	857	2 591	603	7
Accountants	376	153	196	108	17	71	27	–
Architects	80	38	35	22	–	13	7	–
Computer specialists	299	196	103	82	–	21	–	–
Engineers	532	331	195	162	–	33	6	–
Aeronautical and astronautical	19	19	–	–	–	–	–	–
Civil	47	9	38	29	–	9	–	–
Electrical and electronic	191	164	27	22	–	5	–	–
Mechanical	56	32	24	24	–	–	–	–
Other engineers	219	107	106	87	–	19	6	–
Lawyers and judges	126	34	41	14	10	17	51	–
Life and physical scientists	280	205	75	44	6	25	–	–
Chemists	218	159	59	44	–	15	–	–
Physicians, dentists, and related practitioners	445	137	45	12	24	9	263	–
Dentists	74	6	9	–	5	4	59	–
Pharmacists	70	42	6	–	6	–	22	–
Physicians, medical and osteopathic	280	84	30	12	13	5	166	–
Other related practitioners	21	5	–	–	–	–	16	–
Health technologists and technicians	313	255	53	6	19	28	5	–
Religious workers	407	334	24	–	16	8	49	–
Social scientists	105	59	46	5	11	30	–	–
Social and recreation workers	625	153	472	30	159	283	–	–
Teachers	1 946	322	1 617	66	279	1 272	7	–
College and university	222	80	142	8	91	43	–	–
Elementary and prekindergarten	696	27	669	19	86	564	–	–
Secondary	837	102	735	13	76	646	–	–
Engineering and science technicians	1 225	924	301	205	29	67	–	–
Draftsmen and surveyors	415	298	117	62	18	37	–	–
Electrical and electronic engineering technicians	278	198	80	70	6	4	–	–
Technicians, except health, and engineering and science	167	91	76	35	6	35	–	–
Airplane pilots	4	4	–	–	–	–	–	–
Writers, artists, and entertainers	662	514	76	31	17	28	72	–
Other professional, technical, and kindred workers	2 666	1 391	1 152	237	264	651	116	7
Managers and administrators, except farm	5 462	2 979	1 602	646	223	733	859	22
Buyers, purchasing agents, and sales managers	380	276	88	83	–	5	16	–
School administrators	230	33	197	–	42	155	–	–
Specified managers and administrators, public administration	712	–	712	347	82	283	–	–
Other specified managers and administrators	1 501	992	294	135	15	144	215	–
Managers and administrators, n.e.c., salaried	1 989	1 678	311	81	84	146	–	–
Manufacturing	319	291	28	28	–	–	–	–
Wholesale and retail trade	680	613	67	14	49	4	–	–
Transportation, communications and other public utilities	130	91	39	10	9	20	–	–
All other industries	860	683	177	29	26	122	–	–
Managers and administrators, n.e.c., self-employed	650	–	–	–	–	–	628	22
Construction	129	–	–	–	–	–	129	–
Manufacturing	17	–	–	–	–	–	17	–
Wholesale and retail trade	366	–	–	–	–	–	349	17
All other industries	138	–	–	–	–	–	133	5
Sales workers	4 066	3 198	449	18	345	86	398	21
Insurance agents, brokers, and underwriters	403	391	–	–	–	–	12	–
Real estate agents and brokers	111	93	–	–	–	–	18	–
Sales representatives, manufacturing industries	145	145	–	–	–	–	–	–
Sales representatives, wholesale trade	362	309	24	–	17	7	29	–
Sales clerks, retail trade	1 539	1 094	222	9	199	14	207	16
Salesmen, retail trade	378	346	–	–	–	–	32	–
Salesmen of services and construction	175	86	78	5	73	–	11	–
Other sales workers	953	734	125	4	56	65	89	5
Clerical and kindred workers	16 427	8 863	7 465	6 211	296	958	81	18
Bank tellers and cashiers	490	432	58	11	6	41	–	–
Bookkeepers and billing clerks	485	317	146	95	24	27	18	4
Mail handlers and postal clerks	3 981	219	3 762	3 725	20	17	–	–
Other clerical and kindred workers	11 471	7 895	3 499	2 380	246	873	63	14
Craftsmen and kindred workers	27 090	20 865	4 443	2 404	263	1 776	1 772	10
Apparel craftsmen and upholsterers	438	323	23	11	6	6	92	–
Bakers	440	415	20	10	–	10	5	–
Cabinetmakers	61	58	–	–	–	–	3	–
Construction craftsmen	6 340	4 395	1 174	648	76	450	771	–
Carpenters	1 459	1 129	124	80	–	44	206	–
Excavating, grading, and road machine operators	521	373	145	23	15	107	3	–
Electricians	762	393	312	239	19	54	57	–
Masons and tile setters	888	764	58	6	–	52	66	–
Painters, construction and maintenance, and paperhangers	1 012	451	245	125	32	88	316	–
Plasterers and cement finishers	656	545	55	22	5	28	56	–
Plumbers and pipe fitters	753	494	220	143	5	72	39	–
Other construction craftsmen	289	246	15	10	–	5	28	–
Foremen, n.e.c	2 571	2 175	389	132	24	233	7	–
Manufacturing	1 203	1 140	63	44	4	15	–	–
Nonmanufacturing industries	1 368	1 035	326	88	20	218	7	–
Linemen and servicemen, telephone and power	564	529	35	19	–	16	–	–
Locomotive engineers and firemen	42	38	4	4	–	–	–	–
Mechanics and repairmen	5 543	4 278	968	413	41	514	297	–
Air conditioning, heating, and refrigeration	293	199	69	26	7	36	25	–
Aircraft	111	79	32	32	–	–	–	–
Automobile, including body	2 812	2 179	427	109	18	300	206	–
Radio and television	266	186	33	33	–	–	47	–
Other mechanics and repairmen	2 061	1 635	407	213	16	178	19	–
Metal craftsmen, except mechanics	1 936	1 609	327	270	14	43	–	–
Machinists and job and die setters	853	721	132	104	5	23	–	–
Sheetmetal workers and tinsmiths	233	167	66	61	–	5	–	–
Tool and die makers	152	133	19	11	5	3	–	–
Other metal craftsmen	698	588	110	94	4	12	–	–
Printing craftsmen	890	799	59	45	–	14	32	–
Compositors and typesetters	363	316	15	15	–	–	32	–
Pressmen and plate printers, printing	442	403	39	25	–	14	–	–
Stationary engineers and power station operators	548	311	237	31	26	180	–	–
Other craftsmen and kindred workers	7 717	5 935	1 207	821	76	310	565	10

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**31 207**	**28 434**	**2 466**	**1 388**	**214**	**864**	**294**	**13**
Assemblers	1 383	1 286	83	47	4	32	14	–
Checkers, examiners, and inspectors; manufacturing	948	868	75	50	–	25	5	–
Garage workers and gas station attendants	812	774	38	16	–	22	–	–
Laundry and drycleaning operatives, n.e.c	611	556	42	14	7	21	13	–
Meat cutters and butchers	1 064	1 019	45	15	10	20	–	–
Mine operatives, n.e.c	19	15	–	–	–	–	4	–
Packers and wrappers, except produce	1 760	1 620	133	102	–	31	7	–
Painters, manufactured articles	622	559	45	45	–	–	18	–
Precision machine operatives	895	870	25	25	–	–	–	–
Sawyers	81	81	–	–	–	–	–	–
Stationary firemen	429	267	162	15	22	125	–	–
Textile operatives	522	511	4	–	–	4	7	–
Welders and flamecutters	2 199	1 921	257	199	16	42	21	–
Other metalworking operatives	1 207	1 130	77	55	13	9	–	–
Other specified operatives	9 697	8 798	743	371	103	269	149	7
Miscellaneous and not specified operatives	8 958	8 159	737	434	39	264	56	6
Occupation:								
Machine operatives, miscellaneous specified	3 530	3 284	233	176	–	57	13	–
Machine operatives, not specified	2 223	2 015	196	133	12	51	12	–
Miscellaneous operatives	2 277	2 001	244	96	27	121	26	6
Not specified operatives	928	859	64	29	–	35	5	–
Industry:								
Manufacturing	7 327	7 003	300	203	33	64	24	–
Durable goods	3 550	3 319	219	171	15	33	12	–
Wood products, including furniture	229	229	–	–	–	–	–	–
Primary metal industries	676	671	5	5	–	–	–	–
Fabricated metal industries	537	537	–	–	–	–	–	–
Machinery, including electrical	882	825	45	12	15	18	12	–
Motor vehicles and equipment	208	196	12	5	–	7	–	–
Transportation equipment, except motor vehicles	240	133	107	104	–	3	–	–
Other durable goods	778	728	50	45	–	5	–	–
Nondurable goods	3 655	3 579	64	32	9	23	12	–
Food and kindred products	989	970	19	–	4	15	–	–
Apparel and other fabricated textile products	190	187	3	3	–	–	–	–
Paper and allied products	957	952	–	–	–	–	5	–
Chemicals and allied products	619	596	23	14	5	4	–	–
Other nondurable goods	900	874	19	15	–	4	7	–
Not specified manufacturing industries	122	105	17	–	9	8	–	–
Nonmanufacturing industries	1 631	1 156	437	231	6	200	32	6
Transportation, communications, and other public utilities	308	210	94	5	6	83	4	–
Wholesale and retail trade	583	562	15	–	–	15	6	–
All other industries	740	384	328	226	–	102	22	6
Transport equipment operatives	**15 385**	**13 012**	**2 070**	**465**	**199**	**1 406**	**292**	**11**
Bus drivers	1 005	710	295	23	37	235	–	–
Taxicab drivers and chauffeurs	891	790	75	25	7	43	26	–
Truck drivers and deliverymen	8 736	7 174	1 331	257	104	970	231	–
Other transport equipment operatives	4 753	4 338	369	160	51	158	35	11
Laborers, except farm	**22 419**	**17 880**	**4 282**	**1 522**	**350**	**2 410**	**241**	**16**
Construction laborers	5 026	4 437	573	83	125	365	–	16
Freight, stock, and material handlers	6 776	5 068	1 658	754	85	819	50	–
Other specified laborers	6 921	5 706	1 093	522	90	481	122	–
Miscellaneous and not specified laborers	3 696	2 669	958	163	50	745	69	–
Occupation:								
Miscellaneous laborers	1 438	865	535	44	25	466	38	–
Not specified laborers	2 258	1 804	423	119	25	279	31	–
Industry:								
Manufacturing	1 551	1 441	92	62	–	30	18	–
Durable goods	1 005	908	79	54	–	25	18	–
Wood products, including furniture	19	19	–	–	–	–	–	–
Metal industries	630	612	18	7	–	11	–	–
Machinery, including electrical	115	109	6	–	–	6	–	–
Transportation equipment	102	47	55	47	–	8	–	–
Other durable goods	139	121	–	–	–	–	18	–
Nondurable goods	522	517	5	–	–	5	–	–
Food and kindred products	182	182	–	–	–	–	–	–
Not specified manufacturing industries	24	16	8	8	–	–	–	–
Nonmanufacturing industries	2 145	1 228	866	101	50	715	51	–
Railroads and railway express service	349	326	23	–	11	12	–	–
Transportation, except railroads	79	54	25	5	5	15	–	–
Communications, and utilities and sanitary services	714	148	566	7	21	538	–	–
Wholesale and retail trade	404	330	30	8	–	22	44	–
All other industries	599	370	222	81	13	128	7	–
Farmers and farm managers	**478**	**57**	**17**	**17**	–	–	**404**	–
Farm laborers and farm foremen	**936**	**860**	**34**	**5**	**10**	**19**	**18**	**24**
Paid farm laborers and farm foremen	912	860	34	5	10	19	18	–
Unpaid family workers	24	–	–	–	–	–	–	24
Service workers, except private household[1]	**27 107**	**18 279**	**7 961**	**1 489**	**1 108**	**5 364**	**855**	**12**
Cleaning service workers	9 417	6 843	2 428	564	367	1 497	140	6
Food service workers	5 302	4 648	558	230	139	189	96	–
Cooks, except private household	2 507	2 206	255	101	80	74	46	–
Busboys and dishwashers	853	787	66	18	12	36	–	–
Health service workers	1 498	782	711	214	258	239	5	–
Personal service workers	1 612	952	192	25	42	125	462	6
Protective service workers	4 406	1 268	3 134	181	249	2 704	4	–
Firemen, fire protection	275	24	251	5	3	243	–	–
Guards and watchmen	2 202	1 186	1 016	110	224	682	–	–
Policemen and detectives	1 829	45	1 780	62	22	1 696	4	–
Private household workers	**521**	**490**	–	–	–	–	31	–

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Negro—Continued								
Female, 16 years old and over	**136 351**	**100 425**	**32 993**	**11 741**	**5 951**	**15 301**	**2 760**	**173**
Professional, technical, and kindred workers	**13 899**	**5 414**	**8 260**	**919**	**1 517**	**5 824**	**217**	**8**
Accountants	421	137	276	234	17	25	8	–
Computer specialists	127	85	42	37	–	5	–	–
Librarians	188	50	138	19	6	113	–	–
Mathematical specialists	22	22	–	–	–	–	–	–
Life and physical scientists	103	70	33	8	9	16	–	–
Registered nurses, dietitians, and therapists	2 541	1 752	696	117	235	344	93	–
Dietitians	259	192	67	4	48	15	–	–
Registered nurses	2 141	1 488	560	113	146	301	93	–
Health technologists and technicians	832	623	209	37	70	102	–	–
Social scientists	47	9	38	4	4	30	–	–
Social and recreation workers	1 153	351	794	80	368	346	–	8
Teachers: College and university	206	108	98	–	61	37	–	–
Elementary and prekindergarten	3 671	499	3 168	63	336	2 769	4	–
Secondary	1 039	131	908	4	104	800	–	–
Other teachers	184	81	87	23	13	51	16	–
Engineering and science technicians	253	191	62	39	7	16	–	–
Technicians, except health, and engineering and science	58	9	43	–	18	25	6	–
Writers, artists, and entertainers	318	266	33	21	–	12	19	–
Actors and dancers	19	19	–	–	–	–	–	–
Authors, editors, and reporters	61	44	12	12	–	–	5	–
Other professional, technical, and kindred workers	2 736	1 030	1 635	233	269	1 133	71	–
Managers and administrators, except farm	**2 016**	**1 062**	**720**	**388**	**55**	**277**	**224**	**10**
Buyers, purchasing agents, and sales managers	300	147	148	148	–	–	5	–
Restaurant, cafeteria, and bar managers	158	81	9	9	–	–	68	–
School administrators	180	49	127	–	27	100	4	–
Other specified managers and administrators	748	340	374	205	20	149	29	5
Managers and administrators, n.e.c., salaried	507	445	62	26	8	28	–	–
Wholesale and retail trade	144	135	9	5	4	–	–	–
Managers and administrators, n.e.c., self-employed	123	–	–	–	–	–	118	5
Wholesale and retail trade	80	–	–	–	–	–	80	–
Sales workers	**4 099**	**3 654**	**202**	**90**	**53**	**59**	**228**	**15**
Demonstrators, hucksters, and peddlers	54	43	–	–	–	–	11	–
Insurance, real estate agents, and brokers	127	104	11	7	–	4	12	–
Sales clerks, retail trade	2 707	2 432	90	44	42	4	170	15
Salesmen, retail trade	68	68	–	–	–	–	–	–
Other sales workers	1 143	1 007	101	39	11	51	35	–
Clerical and kindred workers	**36 151**	**22 120**	**13 871**	**7 731**	**1 585**	**4 555**	**87**	**73**
Bank tellers	308	294	14	7	7	–	–	–
Bookkeepers	1 971	1 382	557	354	64	139	21	11
Cashiers	1 983	1 795	155	51	34	70	16	17
Counter clerks, except food	537	511	26	20	–	6	–	–
Enumerators and interviewers	167	72	95	44	22	29	–	–
File clerks	2 191	1 247	944	588	79	277	–	–
Office machine operators	2 947	1 819	1 106	946	40	120	13	9
Bookkeeping and billing machine operators	205	157	44	39	5	–	–	4
Keypunch operators	2 261	1 338	916	796	20	100	7	–
Payroll and timekeeping clerks	307	168	139	76	10	53	–	–
Receptionists	578	380	198	33	87	78	–	–
Secretaries	3 949	2 786	1 129	396	185	548	3	31
Stenographers	233	96	137	31	31	75	–	–
Telephone operators	1 566	1 341	221	70	37	114	4	–
Typists	4 677	2 400	2 272	933	440	899	5	–
Other clerical and kindred workers	14 737	7 829	6 878	4 182	549	2 147	25	5
Craftsmen and kindred workers	**1 968**	**1 658**	**249**	**138**	**45**	**66**	**49**	**12**
Foremen, n.e.c.	457	360	91	66	17	8	–	6
Operatives, except transport	**29 344**	**27 360**	**1 758**	**1 224**	**165**	**369**	**211**	**15**
Assemblers	1 785	1 726	59	29	5	25	–	–
Bottling and canning operatives	154	152	–	–	–	–	2	–
Checkers, examiners, and inspectors; manufacturing	1 237	1 157	80	46	9	25	–	–
Dressmakers and seamstresses, except factory	593	236	255	243	–	12	98	4
Laundry and drycleaning operatives, including ironers	3 530	3 260	233	92	61	80	37	–
Graders and sorters, manufacturing	163	159	4	4	–	–	–	–
Packers and wrappers, except produce	2 467	2 400	67	29	11	27	–	–
Sewers and stitchers	7 661	7 176	468	399	10	59	17	–
Textile operatives	587	587	–	–	–	–	–	–
Other specified operatives	7 243	6 812	375	240	43	92	45	11
Miscellaneous and not specified operatives	3 924	3 695	217	142	26	49	12	–
Manufacturing	3 312	3 228	78	40	11	27	6	–
Durable goods	1 228	1 176	52	30	6	16	–	–
Machinery, including electrical	520	514	6	6	–	–	–	–
Other durable goods	708	662	46	24	6	16	–	–
Nondurable goods, including not specified manufacturing	2 084	2 052	26	10	5	11	6	–
Food and kindred products	389	389	–	–	–	–	–	–
Apparel and other fabricated textile products	826	811	15	10	–	5	–	–
Nonmanufacturing industries	612	467	139	102	15	22	6	–
Transport equipment operatives	**401**	**269**	**126**	**16**	**37**	**73**	**6**	**–**
Laborers, except farm	**1 503**	**1 304**	**176**	**81**	**21**	**74**	**17**	**6**
Farmers and farm managers	**468**	**53**	**5**	**5**	**–**	**–**	**410**	**–**
Farm laborers and farm foremen	**447**	**426**	**10**	**10**	**–**	**–**	**–**	**11**
Paid farm laborers and farm foremen	436	426	10	10	–	–	–	–
Unpaid family workers	11	–	–	–	–	–	–	11
Service workers, except private household[1]	**29 705**	**20 821**	**7 579**	**1 113**	**2 468**	**3 998**	**1 282**	**23**
Cleaning service workers	5 592	4 410	1 164	126	278	760	12	6
Chambermaids and maids	1 521	1 334	182	27	26	129	5	–
Food service workers	6 060	4 982	1 013	232	218	563	65	–
Cooks, except private household	1 673	1 243	386	91	83	212	44	–
Waiters and food counter workers	2 357	2 124	212	76	30	106	21	–
Health service workers	9 326	6 320	2 758	410	1 412	936	248	–
Nursing aides, orderlies, and attendants	4 996	3 260	1 725	228	1 029	468	11	–
Practical nurses	3 483	2 512	734	109	262	363	237	–
Personal service workers	2 978	1 386	881	113	264	504	704	7
Hairdressers and cosmetologists	1 157	472	21	–	16	5	664	–
Private household workers	**16 350**	**16 284**	**37**	**26**	**5**	**6**	**29**	**–**
Private household workers, living in	768	768	–	–	–	–	–	–
Private household workers, living out	15 582	15 516	37	26	5	6	29	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Persons of Puerto Rican Birth or Parentage								
Male, 16 years old and over	7 399	6 630	515	217	70	228	254	–
Professional, technical, and kindred workers	288	198	73	37	5	31	17	–
Accountants	18	18	–	–	–	–	–	–
Architects	–	–	–	–	–	–	–	–
Computer specialists	7	–	–	–	–	–	7	–
Engineers	22	11	11	6	5	–	–	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–
Civil	11	6	5	–	5	–	–	–
Electrical and electronic	6	–	6	6	–	–	–	–
Mechanical	–	–	–	–	–	–	–	–
Other engineers	5	5	–	–	–	–	–	–
Lawyers and judges	–	–	–	–	–	–	–	–
Life and physical scientists	3	3	–	–	–	–	–	–
Chemists	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	18	18	–	–	–	–	–	–
Dentists	–	–	–	–	–	–	–	–
Pharmacists	–	–	–	–	–	–	–	–
Physicians, medical and osteopathic	18	18	–	–	–	–	–	–
Other related practitioners	–	–	–	–	–	–	–	–
Health technologists and technicians	12	6	6	6	–	–	–	–
Religious workers	7	7	–	–	–	–	–	–
Social scientists	8	8	–	–	–	–	–	–
Social and recreation workers	7	–	7	7	–	–	–	–
Teachers	58	38	20	–	–	20	–	–
College and university	7	7	–	–	–	–	–	–
Elementary and prekindergarten	21	14	7	–	–	7	–	–
Secondary	30	17	13	–	–	13	–	–
Engineering and science technicians	6	–	6	–	–	6	–	–
Draftsmen and surveyors	6	–	6	–	–	6	–	–
Electrical and electronic engineering technicians	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–
Airplane pilots	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	36	36	–	–	–	–	–	–
Other professional, technical, and kindred workers	86	53	23	18	–	5	10	–
Managers and administrators, except farm	144	112	9	9	–	–	23	–
Buyers, purchasing agents, and sales managers	18	18	–	–	–	–	–	–
School administrators	6	6	–	–	–	–	–	–
Specified managers and administrators, public administration	3	–	3	3	–	–	–	–
Other specified managers and administrators	13	7	6	6	–	–	–	–
Managers and administrators, n.e.c., salaried	81	81	–	–	–	–	–	–
Manufacturing	20	20	–	–	–	–	–	–
Wholesale and retail trade	48	48	–	–	–	–	–	–
Transportation, communications and other public utilities	–	–	–	–	–	–	–	–
All other industries	13	13	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	23	–	–	–	–	–	23	–
Construction	–	–	–	–	–	–	–	–
Manufacturing	–	–	–	–	–	–	–	–
Wholesale and retail trade	23	–	–	–	–	–	23	–
All other industries	–	–	–	–	–	–	–	–
Sales workers	303	217	–	–	–	–	86	–
Insurance agents, brokers, and underwriters	32	32	–	–	–	–	–	–
Real estate agents and brokers	–	–	–	–	–	–	–	–
Sales representatives, manufacturing industries	5	5	–	–	–	–	–	–
Sales representatives, wholesale trade	19	19	–	–	–	–	–	–
Sales clerks, retail trade	170	84	–	–	–	–	86	–
Salesmen, retail trade	19	19	–	–	–	–	–	–
Salesmen of services and construction	17	17	–	–	–	–	–	–
Other sales workers	41	41	–	–	–	–	–	–
Clerical and kindred workers	366	296	65	52	13	–	5	–
Bank tellers and cashiers	22	22	–	–	–	–	–	–
Bookkeepers and billing clerks	20	6	14	14	–	–	–	–
Mail handlers and postal clerks	25	11	14	14	–	–	–	–
Other clerical and kindred workers	299	257	37	24	13	–	5	–
Craftsmen and kindred workers	1 059	961	58	51	–	7	40	–
Apparel craftsmen and upholsterers	40	40	–	–	–	–	–	–
Bakers	44	44	–	–	–	–	–	–
Cabinetmakers	4	–	–	–	–	–	4	–
Construction craftsmen	267	254	13	6	–	7	–	–
Carpenters	72	72	–	–	–	–	–	–
Excavating, grading, and road machine operators	20	20	–	–	–	–	–	–
Electricians	8	8	–	–	–	–	–	–
Masons and tile setters	29	22	7	–	–	7	–	–
Painters, construction and maintenance, and paperhangers	46	46	–	–	–	–	–	–
Plasterers and cement finishers	46	46	–	–	–	–	–	–
Plumbers and pipe fitters	32	26	6	6	–	–	–	–
Other construction craftsmen	14	14	–	–	–	–	–	–
Foremen, n.e.c.	147	147	–	–	–	–	–	–
Manufacturing	93	93	–	–	–	–	–	–
Nonmanufacturing industries	54	54	–	–	–	–	–	–
Linemen and servicemen, telephone and power	6	6	–	–	–	–	–	–
Locomotive engineers and firemen	–	–	–	–	–	–	–	–
Mechanics and repairmen	284	249	7	7	–	–	28	–
Air conditioning, heating, and refrigeration	15	8	7	7	–	–	–	–
Aircraft	–	–	–	–	–	–	–	–
Automobile, including body	154	134	–	–	–	–	20	–
Radio and television	13	5	–	–	–	–	8	–
Other mechanics and repairmen	102	102	–	–	–	–	–	–
Metal craftsmen, except mechanics	64	56	8	8	–	–	–	–
Machinists and job and die setters	58	50	8	8	–	–	–	–
Sheetmetal workers and tinsmiths	6	6	–	–	–	–	–	–
Tool and die makers	–	–	–	–	–	–	–	–
Other metal craftsmen	–	–	–	–	–	–	–	–
Printing craftsmen	25	25	–	–	–	–	–	–
Compositors and typesetters	–	–	–	–	–	–	–	–
Pressmen and plate printers, printing	18	18	–	–	–	–	–	–
Stationary engineers and power station operators	13	13	–	–	–	–	–	–
Other craftsmen and kindred workers	165	127	30	30	–	–	8	–

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Persons of Puerto Rican Birth or Parentage—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	2 462	2 390	59	39	14	6	13	–
Assemblers	167	167	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	40	40	–	–	–	–	–	–
Garage workers and gas station attendants	30	30	–	–	–	–	–	–
Laundry and drycleaning operatives, n.e.c	–	–	–	–	–	–	–	–
Meat cutters and butchers	101	101	–	–	–	–	–	–
Mine operatives, n.e.c	13	13	–	–	–	–	–	–
Packers and wrappers, except produce	225	225	–	–	–	–	–	–
Painters, manufactured articles	73	73	–	–	–	–	–	–
Precision machine operatives	63	63	–	–	–	–	–	–
Sawyers	11	11	–	–	–	–	–	–
Stationary firemen	21	21	–	–	–	–	–	–
Textile operatives	121	107	6	–	–	6	8	–
Welders and flamecutters	99	99	–	–	–	–	–	–
Other metalworking operatives	126	126	–	–	–	–	–	–
Other specified operatives	480	452	23	17	6	–	5	–
Miscellaneous and not specified operatives	892	862	30	22	8	–	–	–
Occupation:								
Machine operatives, miscellaneous specified	338	325	13	13	–	–	–	–
Machine operatives, not specified	287	278	9	9	–	–	–	–
Miscellaneous operatives	193	185	8	–	8	–	–	–
Not specified operatives	74	74	–	–	–	–	–	–
Industry:								
Manufacturing	848	826	22	22	–	–	–	–
Durable goods	434	418	16	16	–	–	–	–
Wood products, including furniture	44	44	–	–	–	–	–	–
Primary metal industries	90	83	7	7	–	–	–	–
Fabricated metal industries	120	120	–	–	–	–	–	–
Machinery, including electrical	86	86	–	–	–	–	–	–
Motor vehicles and equipment	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	8	8	–	–	–	–	–	–
Other durable goods	86	77	9	9	–	–	–	–
Nondurable goods	408	402	6	6	–	–	–	–
Food and kindred products	130	130	–	–	–	–	–	–
Apparel and other fabricated textile products	7	7	–	–	–	–	–	–
Paper and allied products	103	103	–	–	–	–	–	–
Chemicals and allied products	55	49	6	6	–	–	–	–
Other nondurable goods	113	113	–	–	–	–	–	–
Not specified manufacturing industries	6	6	–	–	–	–	–	–
Nonmanufacturing industries	44	36	8	–	8	–	–	–
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–
Wholesale and retail trade	25	25	–	–	–	–	–	–
All other industries	19	11	8	–	8	–	–	–
Transport equipment operatives	352	332	20	–	15	5	–	–
Bus drivers	30	30	–	–	–	–	–	–
Taxicab drivers and chauffeurs	8	8	–	–	–	–	–	–
Truck drivers and deliverymen	201	188	13	–	8	5	–	–
Other transport equipment operatives	113	106	7	–	7	–	–	–
Laborers, except farm	859	774	61	17	6	38	24	–
Construction laborers	216	184	32	–	6	26	–	–
Freight, stock, and material handlers	221	201	20	17	–	3	–	–
Other specified laborers	227	194	9	–	–	9	24	–
Miscellaneous and not specified laborers	195	195	–	–	–	–	–	–
Occupation:								
Miscellaneous laborers	27	27	–	–	–	–	–	–
Not specified laborers	168	168	–	–	–	–	–	–
Industry:								
Manufacturing	136	136	–	–	–	–	–	–
Durable goods	95	95	–	–	–	–	–	–
Wood products, including furniture	30	30	–	–	–	–	–	–
Metal industries	34	34	–	–	–	–	–	–
Machinery, including electrical	10	10	–	–	–	–	–	–
Transportation equipment	13	13	–	–	–	–	–	–
Other durable goods	8	8	–	–	–	–	–	–
Nondurable goods	41	41	–	–	–	–	–	–
Food and kindred products	28	28	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	59	59	–	–	–	–	–	–
Railroads and railway express service	7	7	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–
Wholesale and retail trade	45	45	–	–	–	–	–	–
All other industries	7	7	–	–	–	–	–	–
Farmers and farm managers	12	12	–	–	–	–	–	–
Farm laborers and farm foremen	383	376	–	–	–	–	7	–
Paid farm laborers and farm foremen	383	376	–	–	–	–	7	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	1 163	962	170	12	17	141	31	–
Cleaning service workers	277	177	88	–	17	71	12	–
Food service workers	607	590	10	–	–	10	7	–
Cooks, except private household	202	192	10	–	–	10	–	–
Busboys and dishwashers	243	243	–	–	–	–	–	–
Health service workers	13	5	8	–	–	8	–	–
Personal service workers	65	39	14	6	–	8	12	–
Protective service workers	58	8	50	6	–	44	–	–
Firemen, fire protection	–	–	–	–	–	–	–	–
Guards and watchmen	23	8	15	6	–	9	–	–
Policemen and detectives	35	–	35	–	–	35	–	–
Private household workers	8	–	–	–	–	–	8	–

[1] Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PHILADELPHIA, PA.–N.J., SMSA—Continued								
Persons of Puerto Rican Birth or Parentage—Continued								
Female, 16 years old and over	3 350	2 806	434	133	50	251	85	25
Professional, technical, and kindred workers	282	164	113	29	31	53	5	–
Accountants	9	9	–	–	–	–	–	–
Computer specialists	–	–	–	–	–	–	–	–
Librarians	–	–	–	–	–	–	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	51	21	25	8	–	17	5	–
Dietitians	9	9	–	–	–	–	–	–
Registered nurses	42	12	25	8	–	17	5	–
Health technologists and technicians	15	–	15	–	8	7	–	–
Social scientists	17	17	–	–	–	–	–	–
Social and recreation workers	22	–	22	8	14	–	–	–
Teachers: College and university	–	–	–	–	–	–	–	–
Elementary and prekindergarten	58	33	25	–	–	25	–	–
Secondary	16	–	16	7	9	–	–	–
Other teachers	–	–	–	–	–	–	–	–
Engineering and science technicians	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	44	44	–	–	–	–	–	–
Actors and dancers	12	12	–	–	–	–	–	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	50	40	10	6	–	4	–	–
Managers and administrators, except farm	64	36	5	–	–	5	23	–
Buyers, purchasing agents, and sales managers	5	5	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	–	–	–	–	–	–	–	–
School administrators	–	–	–	–	–	–	–	–
Other specified managers and administrators	41	24	5	–	–	5	12	–
Managers and administrators, n.e.c., salaried	7	7	–	–	–	–	–	–
Wholesale and retail trade	7	7	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	11	–	–	–	–	–	11	–
Wholesale and retail trade	6	–	–	–	–	–	6	–
Sales workers	153	133	–	–	–	–	5	15
Demonstrators, hucksters, and peddlers	–	–	–	–	–	–	–	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–
Sales clerks, retail trade	85	70	–	–	–	–	–	15
Salesmen, retail trade	–	–	–	–	–	–	–	–
Other sales workers	68	63	–	–	–	–	5	–
Clerical and kindred workers	592	397	195	75	11	109	–	–
Bank tellers	4	4	–	–	–	–	–	–
Bookkeepers	47	26	21	11	–	10	–	–
Cashiers	16	16	–	–	–	–	–	–
Counter clerks, except food	5	5	–	–	–	–	–	–
Enumerators and interviewers	16	–	16	5	–	11	–	–
File clerks	26	9	17	6	5	6	–	–
Office machine operators	18	6	12	6	6	–	–	–
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–
Keypunch operators	18	6	12	6	6	–	–	–
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–
Receptionists	41	28	13	3	–	10	–	–
Secretaries	93	86	7	–	–	7	–	–
Stenographers	8	8	–	–	–	–	–	–
Telephone operators	25	25	–	–	–	–	–	–
Typists	88	66	22	17	–	5	–	–
Other clerical and kindred workers	205	118	87	27	–	60	–	–
Craftsmen and kindred workers	77	65	12	5	–	7	–	–
Foremen, n.e.c.	7	–	7	–	–	7	–	–
Operatives, except transport	1 697	1 649	26	15	–	11	22	–
Assemblers	32	32	–	–	–	–	–	–
Bottling and canning operatives	14	14	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	58	58	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	28	20	–	–	–	–	8	–
Laundry and drycleaning operatives, including ironers	78	69	9	9	–	–	–	–
Graders and sorters, manufacturing	8	8	–	–	–	–	–	–
Packers and wrappers, except produce	106	106	–	–	–	–	–	–
Sewers and stitchers	768	757	5	–	–	5	6	–
Textile operatives	38	38	–	–	–	–	–	–
Other specified operatives	298	284	6	–	–	6	8	–
Miscellaneous and not specified operatives	269	263	6	6	–	–	–	–
Manufacturing	247	241	6	6	–	–	–	–
Durable goods	108	102	6	6	–	–	–	–
Machinery, including electrical	29	29	–	–	–	–	–	–
Other durable goods	79	73	6	6	–	–	–	–
Nondurable goods, including not specified manufacturing	139	139	–	–	–	–	–	–
Food and kindred products	38	38	–	–	–	–	–	–
Apparel and other fabricated textile products	61	61	–	–	–	–	–	–
Nonmanufacturing industries	22	22	–	–	–	–	–	–
Transport equipment operatives	10	10	–	–	–	–	–	–
Laborers, except farm	44	44	–	–	–	–	–	–
Farmers and farm managers	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	23	5	–	–	–	–	8	10
Paid farm laborers and farm foremen	13	5	–	–	–	–	8	–
Unpaid family workers	10	–	–	–	–	–	–	10
Service workers, except private household[1]	388	283	83	9	8	66	22	–
Cleaning service workers	55	49	6	–	–	6	–	–
Chambermaids and maids	18	18	–	–	–	–	–	–
Food service workers	90	72	18	9	–	9	–	–
Cooks, except private household	24	24	–	–	–	–	–	–
Waiters and food counter workers	48	48	–	–	–	–	–	–
Health service workers	60	60	–	–	–	–	–	–
Nursing aides, orderlies, and attendants	53	53	–	–	–	–	–	–
Practical nurses	–	–	–	–	–	–	–	–
Personal service workers	113	67	24	–	–	24	22	–
Hairdressers and cosmetologists	89	67	–	–	–	–	22	–
Private household workers	20	20	–	–	–	–	–	–
Private household workers, living in	6	6	–	–	–	–	–	–
Private household workers, living out	14	14	–	–	–	–	–	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PITTSBURGH SMSA								
Total								
Male, 16 years old and over	**574 730**	**478 798**	**57 186**	**16 160**	**10 534**	**30 492**	**37 912**	**834**
Professional, technical, and kindred workers	**87 420**	**65 342**	**14 421**	**2 504**	**3 693**	**8 224**	**7 634**	**23**
Accountants	6 899	5 648	766	371	166	229	485	–
Architects	495	251	8	4	–	4	236	–
Computer specialists	2 359	2 304	40	19	5	16	15	–
Engineers	17 774	16 716	765	431	151	183	293	–
Aeronautical and astronautical	74	65	9	4	5	–	–	–
Civil	2 147	1 720	377	144	111	122	50	–
Electrical and electronic	3 568	3 487	47	38	–	9	34	–
Mechanical	2 663	2 586	57	47	4	6	20	–
Other engineers	9 322	8 858	275	198	31	46	189	–
Lawyers and judges	2 704	814	324	129	67	128	1 562	4
Life and physical scientists	2 994	2 728	251	171	36	44	15	–
Chemists	2 246	2 149	92	69	5	18	5	–
Physicians, dentists, and related practitioners	6 206	2 443	265	150	64	51	3 498	–
Dentists	1 109	61	44	38	–	6	1 004	–
Pharmacists	1 426	1 021	32	20	–	12	373	–
Physicians, medical and osteopathic	3 131	1 293	189	92	64	33	1 649	–
Other related practitioners	540	68	–	–	–	–	472	–
Health technologists and technicians	887	649	188	77	39	72	50	–
Religious workers	2 413	2 005	14	5	5	4	394	–
Social scientists	1 013	830	157	32	77	48	26	–
Social and recreation workers	1 094	396	683	60	392	231	10	5
Teachers	13 450	5 362	7 919	102	1 727	6 090	165	4
College and university	3 739	2 775	964	15	657	292	–	–
Elementary and prekindergarten	2 311	597	1 714	15	243	1 456	–	–
Secondary	6 684	1 569	5 115	43	795	4 277	–	–
Engineering and science technicians	13 013	12 259	674	293	183	198	80	–
Draftsmen and surveyors	7 121	6 763	302	58	116	128	56	–
Electrical and electronic engineering technicians	1 482	1 356	112	74	17	21	14	–
Technicians, except health, and engineering and science	966	659	296	210	19	67	11	–
Airplane pilots	367	349	11	11	–	–	7	–
Writers, artists, and entertainers	5 018	4 328	153	51	44	58	537	–
Other professional, technical, and kindred workers	10 135	7 950	1 918	399	718	801	257	10
Managers and administrators, except farm	**54 229**	**41 082**	**4 984**	**1 165**	**1 114**	**2 705**	**8 072**	**91**
Buyers, purchasing agents, and sales managers	8 473	7 901	138	57	46	35	434	–
School administrators	1 423	346	1 072	11	226	835	5	–
Specified managers and administrators, public administration	2 465	–	2 465	898	392	1 175	–	–
Other specified managers and administrators	10 405	8 574	455	147	139	169	1 366	10
Managers and administrators, n.e.c., salaried	25 115	24 261	854	52	311	491	–	–
Manufacturing	7 723	7 708	15	5	–	10	–	–
Wholesale and retail trade	7 809	7 638	171	5	141	25	–	–
Transportation, communications and other public utilities	2 562	2 390	172	–	4	168	–	–
All other industries	7 021	6 525	496	42	166	288	–	–
Managers and administrators, n.e.c., self-employed	6 348	–	–	–	–	–	6 267	81
Construction	1 165	–	–	–	–	–	1 148	17
Manufacturing	440	–	–	–	–	–	436	4
Wholesale and retail trade	3 418	–	–	–	–	–	3 388	30
All other industries	1 325	–	–	–	–	–	1 295	30
Sales workers	**38 787**	**33 351**	**683**	**120**	**484**	**79**	**4 698**	**55**
Insurance agents, brokers, and underwriters	4 873	4 149	30	4	10	16	694	–
Real estate agents and brokers	1 349	845	10	10	–	–	494	–
Sales representatives, manufacturing industries	5 187	4 971	8	–	4	4	208	–
Sales representatives, wholesale trade	7 017	6 149	13	–	13	–	850	5
Sales clerks, retail trade	9 830	8 169	375	32	325	18	1 241	45
Salesmen, retail trade	4 240	3 668	14	–	–	14	553	5
Salesmen of services and construction	1 871	1 611	128	19	109	–	132	–
Other sales workers	4 420	3 789	105	55	23	27	526	–
Clerical and kindred workers	**47 636**	**36 581**	**10 458**	**8 152**	**743**	**1 563**	**558**	**39**
Bank tellers and cashiers	1 519	1 325	164	14	86	64	24	6
Bookkeepers and billing clerks	4 162	3 796	212	59	51	102	148	6
Mail handlers and postal clerks	7 545	790	6 755	6 713	30	12	–	–
Other clerical and kindred workers	34 410	30 670	3 327	1 366	576	1 385	386	27
Craftsmen and kindred workers	**131 118**	**117 528**	**5 133**	**1 204**	**1 226**	**2 703**	**8 317**	**140**
Apparel craftsmen and upholsterers	730	429	–	–	–	–	301	–
Bakers	1 209	1 051	25	10	5	10	128	5
Cabinetmakers	530	414	–	–	–	–	116	–
Construction craftsmen	31 002	26 246	1 338	214	323	801	3 406	12
Carpenters	7 084	5 790	187	27	52	108	1 107	–
Excavating, grading, and road machine operators	2 943	2 354	367	9	120	238	216	6
Electricians	6 089	5 674	204	43	54	107	211	–
Masons and tile setters	2 827	2 484	24	10	6	8	319	–
Painters, construction and maintenance, and paperhangers	2 855	1 955	275	52	60	163	619	6
Plasterers and cement finishers	1 236	927	52	15	9	28	257	–
Plumbers and pipe fitters	5 468	4 830	185	44	22	119	453	–
Other construction craftsmen	2 500	2 232	44	14	–	30	224	–
Foremen, n.e.c.	18 570	17 641	712	162	143	407	217	–
Manufacturing	12 295	12 219	17	17	–	–	59	–
Nonmanufacturing industries	6 275	5 422	695	145	143	407	158	–
Linemen and servicemen, telephone and power	3 779	3 739	34	–	6	28	6	–
Locomotive engineers and firemen	1 490	1 457	33	12	11	10	–	–
Mechanics and repairmen	27 701	23 818	1 273	472	220	581	2 533	77
Air conditioning, heating, and refrigeration	1 122	821	48	33	–	15	253	–
Aircraft	767	634	133	103	25	5	–	–
Automobile, including body	9 998	7 845	441	140	71	230	1 662	50
Radio and television	1 270	915	101	65	19	17	254	–
Other mechanics and repairmen	14 544	13 603	550	131	105	314	364	27
Metal craftsmen, except mechanics	19 166	18 894	136	67	7	62	129	7
Machinists and job and die setters	6 671	6 576	75	46	–	29	13	7
Sheetmetal workers and tinsmiths	1 431	1 372	14	10	–	4	45	–
Tool and die makers	1 972	1 949	10	5	–	5	13	–
Other metal craftsmen	9 092	8 997	37	6	7	24	58	–
Printing craftsmen	3 263	3 037	63	26	–	37	151	12
Compositors and typesetters	1 488	1 379	17	12	–	5	92	–
Pressmen and plate printers, printing	1 357	1 272	20	9	–	11	53	12
Stationary engineers and power station operators	2 975	2 440	517	43	82	392	18	–
Other craftsmen and kindred workers	20 703	18 362	1 002	198	429	375	1 312	27

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PITTSBURGH SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**88 531**	**85 661**	**1 428**	**375**	**358**	**695**	**1 360**	**82**
Assemblers	4 303	4 246	45	16	10	19	12	–
Checkers, examiners, and inspectors, manufacturing	6 083	5 998	85	47	16	22	–	–
Garage workers and gas station attendants	4 632	4 327	28	5	12	11	262	15
Laundry and drycleaning operatives, n.e.c	627	405	76	15	48	13	140	6
Meat cutters and butchers	2 604	2 294	18	5	9	4	286	6
Mine operatives, n.e.c	2 179	2 147	20	–	–	20	12	–
Packers and wrappers, except produce	2 011	2 001	10	4	–	6	–	–
Painters, manufactured articles	1 121	1 080	16	10	–	6	11	14
Precision machine operatives	8 948	8 839	73	29	11	33	36	–
Sawyers	637	622	4	4	–	–	11	–
Stationary firemen	1 550	1 352	198	28	33	137	–	–
Textile operatives	34	34	–	–	–	–	–	–
Welders and flamecutters	9 032	8 802	139	45	16	78	91	–
Other metalworking operatives	7 010	6 925	78	35	8	35	7	–
Other specified operatives	12 407	11 755	293	51	90	152	328	31
Miscellaneous and not specified operatives	25 353	24 834	345	81	105	159	164	10
Occupation:								
Machine operatives, miscellaneous specified	9 597	9 414	114	34	23	57	64	5
Machine operatives, not specified	3 804	3 779	25	10	15	–	–	–
Miscellaneous operatives	7 497	7 272	161	16	48	97	64	–
Not specified operatives	4 455	4 369	45	21	19	5	36	5
Industry:								
Manufacturing	22 592	22 371	145	37	44	64	71	5
Durable goods	19 318	19 158	120	31	39	50	35	5
Wood products, including furniture	202	197	–	–	–	–	5	–
Primary metal industries	9 915	9 855	56	10	15	31	4	–
Fabricated metal industries	2 316	2 291	15	–	6	9	10	–
Machinery, including electrical	3 365	3 356	4	–	4	–	–	5
Motor vehicles and equipment	79	74	5	–	–	5	–	–
Transportation equipment, except motor vehicles	556	556	–	–	–	–	–	–
Other durable goods	2 885	2 829	40	21	14	5	16	–
Nondurable goods	3 185	3 124	25	6	5	14	36	–
Food and kindred products	985	961	–	–	–	–	24	–
Apparel and other fabricated textile products	25	25	–	–	–	–	–	–
Paper and allied products	661	640	9	–	5	4	12	–
Chemicals and allied products	782	782	–	–	–	–	–	–
Other nondurable goods	732	716	16	6	–	10	–	–
Not specified manufacturing industries	89	89	–	–	–	–	–	–
Nonmanufacturing industries	2 761	2 463	200	44	61	95	93	5
Transportation, communications, and other public utilities	827	785	42	–	13	29	–	–
Wholesale and retail trade	912	859	–	–	–	–	48	5
All other industries	1 022	819	158	44	48	66	45	–
Transport equipment operatives	**33 330**	**28 882**	**2 893**	**246**	**347**	**2 300**	**1 527**	**28**
Bus drivers	2 336	1 284	1 013	13	20	980	39	–
Taxicab drivers and chauffeurs	1 381	1 248	93	13	10	70	40	–
Truck drivers and deliverymen	21 917	19 161	1 463	200	244	1 019	1 265	28
Other transport equipment operatives	7 696	7 189	324	20	73	231	183	–
Laborers, except farm	**44 775**	**39 660**	**4 455**	**1 038**	**715**	**2 702**	**595**	**65**
Construction laborers	7 028	5 453	1 539	42	484	1 013	25	11
Freight, stock, and material handlers	15 550	14 215	1 149	728	43	378	174	12
Other specified laborers	7 259	5 864	1 074	153	136	785	302	19
Miscellaneous and not specified laborers	14 938	14 128	693	115	52	526	94	23
Occupation:								
Miscellaneous laborers	6 080	5 700	314	32	20	262	66	–
Not specified laborers	8 858	8 428	379	83	32	264	28	23
Industry:								
Manufacturing	11 998	11 882	82	46	4	32	34	–
Durable goods	11 306	11 190	82	46	4	32	34	–
Wood products, including furniture	101	96	–	–	–	–	5	–
Metal industries	9 201	9 125	52	16	4	32	24	–
Machinery, including electrical	928	920	3	3	–	–	5	–
Transportation equipment	248	248	–	–	–	–	–	–
Other durable goods	828	801	27	27	–	–	–	–
Nondurable goods	671	671	–	–	–	–	–	–
Food and kindred products	229	229	–	–	–	–	–	–
Not specified manufacturing industries	21	21	–	–	–	–	–	–
Nonmanufacturing industries	2 940	2 246	611	69	48	494	60	23
Railroads and railway express service	633	606	27	16	11	–	–	–
Transportation, except railroads	136	116	20	–	–	20	–	–
Communications, and utilities and sanitary services	459	196	258	5	6	247	5	–
Wholesale and retail trade	683	644	–	–	–	–	30	9
All other industries	1 029	684	306	48	31	227	25	14
Farmers and farm managers	**2 013**	**210**	**11**	**–**	**–**	**11**	**1 792**	**–**
Farm laborers and farm foremen	**1 644**	**1 305**	**90**	**6**	**29**	**55**	**15**	**234**
Paid farm laborers and farm foremen	1 410	1 305	90	6	29	55	15	–
Unpaid family workers	234	–	–	–	–	–	–	234
Service workers, except private household[1]	**44 981**	**28 934**	**12 630**	**1 350**	**1 825**	**9 455**	**3 340**	**77**
Cleaning service workers	16 003	11 962	3 765	518	633	2 614	257	19
Food service workers	9 264	7 855	254	62	80	112	1 113	42
Cooks, except private household	2 252	2 014	52	24	10	18	182	4
Busboys and dishwashers	2 040	1 975	60	4	36	20	5	–
Health service workers	1 451	706	740	257	350	133	5	–
Personal service workers	4 887	2 699	380	52	118	210	1 803	5
Protective service workers	10 711	3 567	7 116	367	601	6 148	28	–
Firemen, fire protection	1 537	33	1 504	9	–	1 495	–	–
Guards and watchmen	4 137	3 262	860	105	332	423	15	–
Policemen and detectives	4 502	214	4 275	171	266	3 838	13	–
Private household workers	**266**	**262**	**–**	**–**	**–**	**–**	**4**	**–**

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PITTSBURGH SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**296 172**	**239 751**	**44 753**	**5 921**	**9 848**	**28 984**	**9 371**	**2 297**
Professional, technical, and kindred workers	**49 898**	**29 404**	**18 698**	**879**	**3 427**	**14 392**	**1 662**	**134**
Accountants	1 339	1 125	143	64	29	50	66	5
Computer specialists	528	508	15	–	5	10	5	–
Librarians	1 123	530	593	19	73	501	–	–
Mathematical specialists	147	116	31	5	9	17	–	–
Life and physical scientists	283	264	19	9	5	5	–	–
Registered nurses, dietitians, and therapists	12 806	10 331	1 992	343	589	1 060	429	54
Dietitians	383	275	108	34	12	62	–	–
Registered nurses	11 787	9 689	1 640	287	477	876	404	54
Health technologists and technicians	2 331	2 022	277	61	72	144	17	15
Social scientists	189	143	46	5	20	21	–	–
Social and recreation workers	1 824	667	1 117	66	604	447	19	21
Teachers: College and university	1 268	931	337	5	227	105	–	–
Elementary and prekindergarten	12 597	4 369	8 192	115	852	7 225	31	5
Secondary	6 117	1 703	4 414	27	491	3 896	–	–
Other teachers	1 398	675	165	14	29	122	558	–
Engineering and science technicians	733	678	44	16	18	10	11	–
Technicians, except health, and engineering and science	82	40	33	5	9	19	4	5
Writers, artists, and entertainers	2 176	1 853	123	20	16	87	185	15
Actors and dancers	30	30	–	–	–	–	–	–
Authors, editors, and reporters	472	424	15	10	–	5	33	–
Other professional, technical, and kindred workers	4 957	3 449	1 157	105	379	673	337	14
Managers and administrators, except farm	**9 099**	**6 275**	**1 158**	**298**	**171**	**689**	**1 430**	**236**
Buyers, purchasing agents, and sales managers	1 617	1 495	18	18	–	–	94	10
Restaurant, cafeteria, and bar managers	996	425	137	6	26	105	381	53
School administrators	574	422	152	3	33	116	–	–
Other specified managers and administrators	1 789	957	698	219	61	418	101	33
Managers and administrators, n.e.c., salaried	3 129	2 976	153	52	51	50	–	–
Wholesale and retail trade	1 389	1 384	5	5	–	–	–	–
Managers and administrators, n.e.c., self-employed	994	–	–	–	–	–	854	140
Wholesale and retail trade	718	–	–	–	–	–	632	86
Sales workers	**30 415**	**28 462**	**223**	**72**	**72**	**79**	**1 265**	**465**
Demonstrators, hucksters, and peddlers	789	650	4	–	–	4	129	6
Insurance, real estate agents, and brokers	1 208	1 050	–	–	–	–	147	11
Sales clerks, retail trade	23 461	22 273	110	53	27	30	754	324
Salesmen, retail trade	763	655	4	–	4	–	61	43
Other sales workers	4 194	3 834	105	19	41	45	174	81
Clerical and kindred workers	**110 282**	**95 232**	**13 499**	**3 900**	**3 030**	**6 569**	**727**	**824**
Bank tellers	2 607	2 527	80	64	–	16	–	–
Bookkeepers	11 118	10 029	520	131	78	311	239	330
Cashiers	7 649	7 311	222	21	73	128	77	39
Counter clerks, except food	2 007	1 923	57	18	29	10	16	11
Enumerators and interviewers	446	244	198	161	16	21	4	–
File clerks	2 945	2 616	329	99	87	143	–	–
Office machine operators	5 002	4 720	277	48	65	164	5	–
Bookkeeping and billing machine operators	706	661	45	7	14	24	–	–
Keypunch operators	3 016	2 893	123	19	27	77	–	–
Payroll and timekeeping clerks	1 421	1 291	125	33	10	82	5	–
Receptionists	3 134	2 779	307	60	82	165	39	9
Secretaries	34 095	29 818	3 893	754	904	2 235	128	256
Stenographers	1 988	1 501	460	130	186	144	22	5
Telephone operators	3 954	3 766	183	28	59	96	5	–
Typists	10 596	8 225	2 276	491	781	1 004	40	55
Other clerical and kindred workers	23 320	18 482	4 572	1 862	660	2 050	147	119
Craftsmen and kindred workers	**3 730**	**3 179**	**276**	**4**	**40**	**232**	**226**	**49**
Foremen, n.e.c.	805	743	30	–	7	23	32	–
Operatives, except transport	**22 551**	**21 462**	**615**	**119**	**236**	**260**	**389**	**85**
Assemblers	2 478	2 444	25	16	9	–	9	–
Bottling and canning operatives	127	127	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 622	1 592	30	25	5	–	–	–
Dressmakers and seamstresses, except factory	943	731	40	–	24	16	164	8
Laundry and drycleaning operatives, including ironers	2 492	2 205	236	41	85	110	32	19
Graders and sorters, manufacturing	213	213	–	–	–	–	–	–
Packers and wrappers, except produce	3 811	3 789	22	6	12	4	–	–
Sewers and stitchers	2 318	2 231	36	–	17	19	47	4
Textile operatives	75	75	–	–	–	–	–	–
Other specified operatives	4 040	3 812	71	6	37	28	118	39
Miscellaneous and not specified operatives	4 432	4 243	155	25	47	83	19	15
Manufacturing	3 587	3 520	46	11	25	10	10	11
Durable goods	1 654	1 627	23	11	7	5	–	4
Machinery, including electrical	615	615	–	–	–	–	–	–
Other durable goods	1 039	1 012	23	11	7	5	–	4
Nondurable goods, including not specified manufacturing	1 933	1 893	23	–	18	5	10	7
Food and kindred products	602	588	8	–	8	–	4	2
Apparel and other fabricated textile products	174	174	–	–	–	–	–	–
Nonmanufacturing industries	845	723	109	14	22	73	9	4
Transport equipment operatives	**1 107**	**942**	**127**	**8**	**25**	**94**	**31**	**7**
Laborers, except farm	**2 596**	**2 296**	**135**	**41**	**37**	**57**	**111**	**54**
Farmers and farm managers	**319**	**25**	–	–	–	–	**286**	**8**
Farm laborers and farm foremen	**385**	**277**	–	–	–	–	–	**108**
Paid farm laborers and farm foremen	277	277	–	–	–	–	–	–
Unpaid family workers	108	–	–	–	–	–	–	108
Service workers, except private household[1]	**57 892**	**44 364**	**10 017**	**600**	**2 810**	**6 607**	**3 189**	**322**
Cleaning service workers	9 070	7 351	1 641	137	358	1 146	54	24
Chambermaids and maids	1 892	1 734	147	6	38	103	11	–
Food service workers	24 313	20 481	2 985	157	660	2 168	631	216
Cooks, except private household	5 859	4 498	1 082	35	265	782	204	75
Waiters and food counter workers	12 559	11 726	507	27	111	369	237	89
Health service workers	11 762	8 793	2 772	184	1 312	1 276	181	16
Nursing aides, orderlies, and attendants	6 609	4 595	1 978	103	1 023	852	36	–
Practical nurses	3 311	2 612	554	58	172	324	145	–
Personal service workers	7 619	4 502	988	45	296	647	2 088	41
Hairdressers and cosmetologists	4 678	2 659	24	–	20	4	1 954	41
Private household workers	**7 898**	**7 833**	**5**	**–**	**–**	**5**	**55**	**5**
Private household workers, living in	605	600	–	–	–	–	–	5
Private household workers, living out	7 293	7 233	5	–	–	5	55	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PITTSBURGH SMSA—Continued								
Negro								
Male, 16 years old and over	**29 362**	**22 533**	**5 648**	**2 270**	**929**	**2 449**	**1 160**	**21**
Professional, technical, and kindred workers	**2 020**	**1 282**	**595**	**151**	**201**	**243**	**143**	**–**
Accountants	86	86	–	–	–	–	–	–
Architects	–	–	–	–	–	–	–	–
Computer specialists	31	31	–	–	–	–	–	–
Engineers	141	118	23	6	6	11	–	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–
Civil	37	14	23	6	6	11	–	–
Electrical and electronic	40	40	–	–	–	–	–	–
Mechanical	10	10	–	–	–	–	–	–
Other engineers	54	54	–	–	–	–	–	–
Lawyers and judges	42	11	13	7	–	6	18	–
Life and physical scientists	58	39	19	4	7	8	–	–
Chemists	46	34	12	4	–	8	–	–
Physicians, dentists, and related practitioners	130	52	14	5	3	6	64	–
Dentists	31	–	11	5	–	6	20	–
Pharmacists	21	21	–	–	–	–	–	–
Physicians, medical and osteopathic	72	31	3	–	3	–	38	–
Other related practitioners	6	–	–	–	–	–	6	–
Health technologists and technicians	51	36	15	15	–	–	–	–
Religious workers	120	88	4	–	–	4	28	–
Social scientists	16	12	4	–	4	–	–	–
Social and recreation workers	87	24	63	18	37	8	–	–
Teachers	330	146	184	22	46	116	–	–
College and university	129	103	26	5	21	–	–	–
Elementary and prekindergarten	65	6	59	10	5	44	–	–
Secondary	126	27	99	7	20	72	–	–
Engineering and science technicians	280	240	40	24	10	6	–	–
Draftsmen and surveyors	125	117	8	8	–	–	–	–
Electrical and electronic engineering technicians	28	17	11	–	5	6	–	–
Technicians, except health, and engineering and science	15	–	15	5	5	5	–	–
Airplane pilots	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	175	136	10	–	5	5	29	–
Other professional, technical, and kindred workers	458	263	191	45	78	68	4	–
Managers and administrators, except farm	**938**	**530**	**211**	**39**	**84**	**88**	**193**	**4**
Buyers, purchasing agents, and sales managers	100	97	–	–	–	–	3	–
School administrators	40	10	30	–	–	30	–	–
Specified managers and administrators, public administration	92	–	92	26	21	45	–	–
Other specified managers and administrators	289	177	53	10	39	4	59	–
Managers and administrators, n.e.c., salaried	282	246	36	3	24	9	–	–
Manufacturing	51	51	–	–	–	–	–	–
Wholesale and retail trade	129	114	15	–	15	–	–	–
Transportation, communications and other public utilities	12	12	–	–	–	–	–	–
All other industries	90	69	21	3	9	9	–	–
Managers and administrators, n.e.c., self-employed	135	–	–	–	–	–	131	4
Construction	16	–	–	–	–	–	16	–
Manufacturing	–	–	–	–	–	–	–	–
Wholesale and retail trade	83	–	–	–	–	–	79	4
All other industries	36	–	–	–	–	–	36	–
Sales workers	**745**	**654**	**57**	**21**	**27**	**9**	**34**	**–**
Insurance agents, brokers, and underwriters	118	112	–	–	–	–	6	–
Real estate agents and brokers	23	18	–	–	–	–	5	–
Sales representatives, manufacturing industries	64	56	8	–	4	4	–	–
Sales representatives, wholesale trade	52	52	–	–	–	–	–	–
Sales clerks, retail trade	232	202	23	–	23	–	7	–
Salesmen, retail trade	78	67	–	–	–	–	11	–
Salesmen of services and construction	20	12	3	3	–	–	5	–
Other sales workers	158	135	23	18	–	5	–	–
Clerical and kindred workers	**2 646**	**1 390**	**1 249**	**1 042**	**59**	**148**	**–**	**7**
Bank tellers and cashiers	64	64	–	–	–	–	–	–
Bookkeepers and billing clerks	85	70	15	5	–	10	–	–
Mail handlers and postal clerks	917	79	838	822	12	4	–	–
Other clerical and kindred workers	1 580	1 177	396	215	47	134	–	7
Craftsmen and kindred workers	**4 025**	**3 330**	**417**	**139**	**90**	**188**	**278**	**–**
Apparel craftsmen and upholsterers	26	20	–	–	–	–	6	–
Bakers	42	29	6	–	–	6	7	–
Cabinetmakers	7	7	–	–	–	–	–	–
Construction craftsmen	921	632	123	38	22	63	166	–
Carpenters	193	135	33	4	–	29	25	–
Excavating, grading, and road machine operators	102	75	27	–	12	15	–	–
Electricians	113	91	13	13	–	–	9	–
Masons and tile setters	133	127	6	–	6	–	–	–
Painters, construction and maintenance, and paperhangers	183	86	26	12	4	10	71	–
Plasterers and cement finishers	63	33	–	–	–	–	30	–
Plumbers and pipe fitters	108	65	18	9	–	9	25	–
Other construction craftsmen	26	20	–	–	–	–	6	–
Foremen, n.e.c.	406	345	55	14	21	20	6	–
Manufacturing	200	200	–	–	–	–	–	–
Nonmanufacturing industries	206	145	55	14	21	20	6	–
Linemen and servicemen, telephone and power	126	126	–	–	–	–	–	–
Locomotive engineers and firemen	42	42	–	–	–	–	–	–
Mechanics and repairmen	674	572	43	15	4	24	59	–
Air conditioning, heating, and refrigeration	16	16	–	–	–	–	–	–
Aircraft	12	12	–	–	–	–	–	–
Automobile, including body	339	274	20	3	4	13	45	–
Radio and television	34	20	–	–	–	–	14	–
Other mechanics and repairmen	273	250	23	12	–	11	–	–
Metal craftsmen, except mechanics	555	542	4	4	–	–	9	–
Machinists and job and die setters	153	149	4	4	–	–	–	–
Sheetmetal workers and tinsmiths	33	33	–	–	–	–	–	–
Tool and die makers	18	13	–	–	–	–	5	–
Other metal craftsmen	351	347	–	–	–	–	4	–
Printing craftsmen	119	100	19	6	–	13	–	–
Compositors and typesetters	49	44	5	–	–	5	–	–
Pressmen and plate printers, printing	46	40	6	6	–	–	–	–
Stationary engineers and power station operators	85	44	37	11	5	21	4	–
Other craftsmen and kindred workers	1 022	871	130	51	38	41	21	–

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PITTSBURGH SMSA—Continued								
Negro—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**5 163**	**4 817**	**289**	**56**	**85**	**148**	**57**	–
Assemblers	163	158	5	–	5	–	–	–
Checkers, examiners, and inspectors, manufacturing	143	132	11	–	6	5	–	–
Garage workers and gas station attendants	140	137	–	–	–	–	3	–
Laundry and drycleaning operatives, n.e.c	126	94	24	5	13	6	8	–
Meat cutters and butchers	78	78	–	–	–	–	–	–
Mine operatives, n.e.c	77	77	–	–	–	–	–	–
Packers and wrappers, except produce	110	110	–	–	–	–	–	–
Painters, manufactured articles	48	48	–	–	–	–	–	–
Precision machine operatives	277	260	17	6	6	5	–	–
Sawyers	–	–	–	–	–	–	–	–
Stationary firemen	102	51	51	5	–	46	–	–
Textile operatives	–	–	–	–	–	–	–	–
Welders and flamecutters	393	372	15	9	6	–	6	–
Other metalworking operatives	745	725	20	12	3	5	–	–
Other specified operatives	1 173	1 072	79	12	23	44	22	–
Miscellaneous and not specified operatives	1 588	1 503	67	7	23	37	18	–
Occupation:								
Machine operatives, miscellaneous specified	602	574	16	–	5	11	12	–
Machine operatives, not specified	193	188	5	–	5	–	–	–
Miscellaneous operatives	486	447	39	–	13	26	–	–
Not specified operatives	307	294	7	7	–	–	6	–
Industry:								
Manufacturing	1 391	1 344	35	–	15	20	12	–
Durable goods	1 150	1 120	30	–	10	20	–	–
Wood products, including furniture	–	–	–	–	–	–	–	–
Primary metal industries	801	780	21	–	6	15	–	–
Fabricated metal industries	99	94	5	–	–	5	–	–
Machinery, including electrical	109	105	4	–	4	–	–	–
Motor vehicles and equipment	10	10	–	–	–	–	–	–
Transportation equipment, except motor vehicles	24	24	–	–	–	–	–	–
Other durable goods	107	107	–	–	–	–	–	–
Nondurable goods	229	212	5	–	5	–	12	–
Food and kindred products	82	82	–	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–
Paper and allied products	58	41	5	–	5	–	12	–
Chemicals and allied products	39	39	–	–	–	–	–	–
Other nondurable goods	50	50	–	–	–	–	–	–
Not specified manufacturing industries	12	12	–	–	–	–	–	–
Nonmanufacturing industries	197	159	32	7	8	17	6	–
Transportation, communications, and other public utilities	42	33	9	–	5	4	–	–
Wholesale and retail trade	84	84	–	–	–	–	–	–
All other industries	71	42	23	7	3	13	6	–
Transport equipment operatives	**2 205**	**1 800**	**286**	**40**	**33**	**213**	**119**	–
Bus drivers	114	54	60	–	8	52	–	–
Taxicab drivers and chauffeurs	230	221	3	–	–	3	6	–
Truck drivers and deliverymen	1 124	864	160	35	3	122	100	–
Other transport equipment operatives	737	661	63	5	22	36	13	–
Laborers, except farm	**5 406**	**4 365**	**1 015**	**381**	**57**	**577**	**26**	–
Construction laborers	829	679	147	4	25	118	3	–
Freight, stock, and material handlers	1 617	1 116	483	233	10	240	18	–
Other specified laborers	1 008	740	263	126	22	115	5	–
Miscellaneous and not specified laborers	1 952	1 830	122	18	–	104	–	–
Occupation:								
Miscellaneous laborers	1 036	988	48	–	–	48	–	–
Not specified laborers	916	842	74	18	–	56	–	–
Industry:								
Manufacturing	1 602	1 594	8	–	–	8	–	–
Durable goods	1 543	1 535	8	–	–	8	–	–
Wood products, including furniture	–	–	–	–	–	–	–	–
Metal industries	1 379	1 371	8	–	–	8	–	–
Machinery, including electrical	92	92	–	–	–	–	–	–
Transportation equipment	20	20	–	–	–	–	–	–
Other durable goods	52	52	–	–	–	–	–	–
Nondurable goods	54	54	–	–	–	–	–	–
Food and kindred products	37	37	–	–	–	–	–	–
Not specified manufacturing industries	5	5	–	–	–	–	–	–
Nonmanufacturing industries	350	236	114	18	–	96	–	–
Railroads and railway express service	63	63	–	–	–	–	–	–
Transportation, except railroads	11	11	–	–	–	–	–	–
Communications, and utilities and sanitary services	97	36	61	–	–	61	–	–
Wholesale and retail trade	50	50	–	–	–	–	–	–
All other industries	129	76	53	18	–	35	–	–
Farmers and farm managers	**60**	**13**	–	–	–	–	**47**	–
Farm laborers and farm foremen	**84**	**74**	**5**	–	–	**5**	–	**5**
Paid farm laborers and farm foremen	79	74	5	–	–	5	–	–
Unpaid family workers	5	–	–	–	–	–	–	5
Service workers, except private household[1]	**5 974**	**4 182**	**1 524**	**401**	**293**	**830**	**263**	**5**
Cleaning service workers	3 154	2 394	718	207	135	376	42	–
Food service workers	742	672	37	28	9	–	33	–
Cooks, except private household	230	201	14	14	–	–	15	–
Busboys and dishwashers	180	174	6	–	6	–	–	–
Health service workers	363	161	202	108	69	25	–	–
Personal service workers	486	233	114	18	25	71	134	5
Protective service workers	612	220	392	17	49	326	–	–
Firemen, fire protection	25	–	25	–	–	25	–	–
Guards and watchmen	316	203	113	13	44	56	–	–
Policemen and detectives	243	17	226	4	5	217	–	–
Private household workers	**96**	**96**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
PITTSBURGH SMSA—Continued								
Negro—Continued								
Female, 16 years old and over	21 605	16 301	4 734	1 172	1 324	2 238	529	41
Professional, technical, and kindred workers	2 253	1 282	938	136	267	535	33	–
Accountants	82	43	30	16	7	7	9	–
Computer specialists	20	20	–	–	–	–	–	–
Librarians	24	13	11	–	7	4	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	6	6	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	526	356	159	68	39	52	11	–
Dietitians	75	43	32	25	–	7	–	–
Registered nurses	399	295	97	43	30	24	7	–
Health technologists and technicians	233	224	9	–	–	9	–	–
Social scientists	6	–	6	–	–	6	–	–
Social and recreation workers	309	113	191	23	80	88	5	–
Teachers: College and university	58	31	27	–	27	–	–	–
Elementary and prekindergarten	402	143	259	24	48	187	–	–
Secondary	156	26	130	–	11	119	–	–
Other teachers	62	31	23	5	8	10	8	–
Engineering and science technicians	36	25	11	–	11	–	–	–
Technicians, except health, and engineering and science	3	3	–	–	–	–	–	–
Writers, artists, and entertainers	55	49	6	–	–	6	–	–
Actors and dancers	–	–	–	–	–	–	–	–
Authors, editors, and reporters	25	25	–	–	–	–	–	–
Other professional, technical, and kindred workers	275	199	76	–	29	47	–	–
Managers and administrators, except farm	296	161	56	16	13	27	70	9
Buyers, purchasing agents, and sales managers	46	46	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	53	24	–	–	–	–	29	–
School administrators	11	6	5	–	–	5	–	–
Other specified managers and administrators	82	27	42	16	4	22	13	–
Managers and administrators, n.e.c., salaried	67	58	9	–	9	–	–	–
Wholesale and retail trade	26	26	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	37	–	–	–	–	–	28	9
Wholesale and retail trade	26	–	–	–	–	–	17	9
Sales workers	1 119	1 046	30	12	8	10	35	8
Demonstrators, hucksters, and peddlers	35	35	–	–	–	–	–	–
Insurance, real estate agents, and brokers	15	15	–	–	–	–	–	–
Sales clerks, retail trade	812	752	17	8	3	6	35	8
Salesmen, retail trade	35	35	–	–	–	–	–	–
Other sales workers	222	209	13	4	5	4	–	–
Clerical and kindred workers	5 374	3 514	1 825	691	442	692	27	8
Bank tellers	120	103	17	11	–	6	–	–
Bookkeepers	268	211	52	21	24	7	5	–
Cashiers	252	236	11	–	7	4	5	–
Counter clerks, except food	61	49	12	9	3	–	–	–
Enumerators and interviewers	24	6	18	12	–	6	–	–
File clerks	195	108	87	21	34	32	–	–
Office machine operators	261	202	59	24	5	30	–	–
Bookkeeping and billing machine operators	33	22	11	7	–	4	–	–
Keypunch operators	177	150	27	10	5	12	–	–
Payroll and timekeeping clerks	18	15	3	–	–	3	–	–
Receptionists	158	117	38	19	6	13	3	–
Secretaries	1 027	678	340	77	112	151	5	4
Stenographers	64	16	43	13	16	14	5	–
Telephone operators	229	215	14	10	–	4	–	–
Typists	732	418	314	93	104	117	–	–
Other clerical and kindred workers	1 965	1 140	817	381	131	305	4	4
Craftsmen and kindred workers	218	193	19	–	–	19	6	–
Foremen, n.e.c.	53	46	7	–	–	7	–	–
Operatives, except transport	1 995	1 829	97	31	36	30	69	–
Assemblers	156	156	–	–	–	–	–	–
Bottling and canning operatives	4	4	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	91	85	6	6	–	–	–	–
Dressmakers and seamstresses, except factory	28	12	–	–	–	–	16	–
Laundry and drycleaning operatives, including ironers	555	508	44	25	4	15	3	–
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	217	210	7	–	7	–	–	–
Sewers and stitchers	122	122	–	–	–	–	–	–
Textile operatives	–	–	–	–	–	–	–	–
Other specified operatives	465	410	5	–	–	5	50	–
Miscellaneous and not specified operatives	357	322	35	–	25	10	–	–
Manufacturing	270	255	15	–	15	–	–	–
Durable goods	74	67	7	–	7	–	–	–
Machinery, including electrical	42	42	–	–	–	–	–	–
Other durable goods	32	25	7	–	7	–	–	–
Nondurable goods, including not specified manufacturing	196	188	8	–	8	–	–	–
Food and kindred products	51	43	8	–	8	–	–	–
Apparel and other fabricated textile products	8	8	–	–	–	–	–	–
Nonmanufacturing industries	87	67	20	–	10	10	–	–
Transport equipment operatives	28	16	6	–	–	6	6	–
Laborers, except farm	252	222	30	7	8	15	–	–
Farmers and farm managers	32	3	–	–	–	–	29	–
Farm laborers and farm foremen	26	26	–	–	–	–	–	–
Paid farm laborers and farm foremen	26	26	–	–	–	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	7 116	5 145	1 733	279	550	904	227	11
Cleaning service workers	1 588	1 245	335	32	90	213	8	–
Chambermaids and maids	364	314	50	–	17	33	–	–
Food service workers	1 443	1 123	303	65	92	146	6	11
Cooks, except private household	437	329	102	8	31	63	6	–
Waiters and food counter workers	378	331	36	–	16	20	–	11
Health service workers	2 592	1 906	653	140	219	294	33	–
Nursing aides, orderlies, and attendants	1 701	1 203	486	78	184	224	12	–
Practical nurses	684	541	122	44	30	48	21	–
Personal service workers	737	347	264	10	112	142	126	–
Hairdressers and cosmetologists	217	101	4	–	4	–	112	–
Private household workers	2 896	2 864	–	–	–	–	27	5
Private household workers, living in	117	112	–	–	–	–	–	5
Private household workers, living out	2 779	2 752	–	–	–	–	27	–

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
READING SMSA								
Total								
Male, 16 years old and over	**78 737**	**66 111**	**6 005**	**1 012**	**1 670**	**3 323**	**6 395**	**226**
Professional, technical, and kindred workers	**8 176**	**5 486**	**1 715**	**89**	**468**	**1 158**	**975**	–
Accountants	657	495	54	17	27	10	108	–
Architects	28	12	–	–	–	–	16	–
Computer specialists	252	246	6	–	6	–	–	–
Engineers	1 566	1 499	34	11	13	10	33	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–
Civil	148	129	19	–	9	10	–	–
Electrical and electronic	431	420	6	6	–	–	5	–
Mechanical	201	201	–	–	–	–	–	–
Other engineers	786	749	9	5	4	–	28	–
Lawyers and judges	133	28	15	–	5	10	90	–
Life and physical scientists	237	232	5	–	5	–	–	–
Chemists	198	193	5	–	5	–	–	–
Physicians, dentists, and related practitioners	571	95	11	–	6	5	465	–
Dentists	132	11	–	–	–	–	121	–
Pharmacists	64	29	–	–	–	–	35	–
Physicians, medical and osteopathic	309	55	11	–	6	5	243	–
Other related practitioners	66	–	–	–	–	–	66	–
Health technologists and technicians	78	46	20	–	20	–	12	–
Religious workers	246	203	–	–	–	–	43	–
Social scientists	67	53	14	–	–	14	–	–
Social and recreation workers	112	71	41	–	31	10	–	–
Teachers	1 455	240	1 178	–	218	960	37	–
College and university	202	72	130	–	130	–	–	–
Elementary and prekindergarten	300	26	274	–	28	246	–	–
Secondary	847	93	754	–	55	699	–	–
Engineering and science technicians	1 276	1 201	65	12	24	29	10	–
Draftsmen and surveyors	756	725	26	–	5	21	5	–
Electrical and electronic engineering technicians	118	108	5	5	–	–	5	–
Technicians, except health, and engineering and science	64	52	8	8	–	–	4	–
Airplane pilots	21	21	–	–	–	–	–	–
Writers, artists, and entertainers	531	402	10	–	10	–	119	–
Other professional, technical, and kindred workers	903	611	254	41	103	110	38	–
Managers and administrators, except farm	**6 824**	**5 098**	**573**	**126**	**147**	**300**	**1 131**	**22**
Buyers, purchasing agents, and sales managers	882	821	23	6	17	–	32	6
School administrators	149	25	120	–	9	111	4	–
Specified managers and administrators, public administration	290	–	290	115	42	133	–	–
Other specified managers and administrators	1 266	1 033	36	–	33	3	192	5
Managers and administrators, n.e.c., salaried	3 323	3 219	104	5	46	53	–	–
Manufacturing	1 324	1 324	–	–	–	–	–	–
Wholesale and retail trade	938	922	16	–	16	–	–	–
Transportation, communications and other public utilities	266	249	17	–	–	17	–	–
All other industries	795	724	71	5	30	36	–	–
Managers and administrators, n.e.c., self-employed	914	–	–	–	–	–	903	11
Construction	154	–	–	–	–	–	154	–
Manufacturing	101	–	–	–	–	–	101	–
Wholesale and retail trade	493	–	–	–	–	–	488	5
All other industries	166	–	–	–	–	–	160	6
Sales workers	**4 817**	**4 090**	**40**	**6**	**26**	**8**	**683**	**4**
Insurance agents, brokers, and underwriters	709	608	–	–	–	–	101	–
Real estate agents and brokers	127	91	–	–	–	–	36	–
Sales representatives, manufacturing industries	666	621	–	–	–	–	45	–
Sales representatives, wholesale trade	828	746	–	–	–	–	78	4
Sales clerks, retail trade	1 042	797	18	–	10	8	227	–
Salesmen, retail trade	678	605	–	–	–	–	73	–
Salesmen of services and construction	211	166	17	6	11	–	28	–
Other sales workers	556	456	5	–	5	–	95	–
Clerical and kindred workers	**5 443**	**4 570**	**839**	**548**	**110**	**181**	**34**	–
Bank tellers and cashiers	223	212	11	–	6	5	–	–
Bookkeepers and billing clerks	569	516	45	5	6	34	8	–
Mail handlers and postal clerks	503	40	463	458	5	–	–	–
Other clerical and kindred workers	4 148	3 802	320	85	93	142	26	–
Craftsmen and kindred workers	**19 007**	**17 052**	**555**	**86**	**212**	**257**	**1 385**	**15**
Apparel craftsmen and upholsterers	233	159	4	–	–	4	70	–
Bakers	209	183	–	–	–	–	26	–
Cabinetmakers	148	144	–	–	–	–	4	–
Construction craftsmen	4 398	3 712	143	9	66	68	537	6
Carpenters	1 130	965	25	9	16	–	140	–
Excavating, grading, and road machine operators	343	261	47	–	27	20	35	–
Electricians	896	841	24	–	5	19	31	–
Masons and tile setters	372	328	7	–	7	–	37	–
Painters, construction and maintenance, and paperhangers	546	382	35	–	6	29	123	6
Plasterers and cement finishers	156	110	–	–	–	–	46	–
Plumbers and pipe fitters	630	551	5	–	5	–	74	–
Other construction craftsmen	325	274	–	–	–	–	51	–
Foremen, n.e.c.	3 021	2 866	136	–	81	55	19	–
Manufacturing	2 193	2 189	–	–	–	–	4	–
Nonmanufacturing industries	828	677	136	–	81	55	15	–
Linemen and servicemen, telephone and power	579	573	6	6	–	–	–	–
Locomotive engineers and firemen	90	90	–	–	–	–	–	–
Mechanics and repairmen	4 310	3 700	165	45	48	72	441	4
Air conditioning, heating, and refrigeration	280	225	12	–	12	–	43	–
Aircraft	81	56	25	15	10	–	–	–
Automobile, including body	1 607	1 283	45	15	5	25	279	–
Radio and television	156	90	5	–	–	5	61	–
Other mechanics and repairmen	2 186	2 046	78	15	21	42	58	4
Metal craftsmen, except mechanics	3 068	3 014	15	10	–	5	39	–
Machinists and job and die setters	1 041	1 026	10	5	–	5	5	–
Sheetmetal workers and tinsmiths	276	258	–	–	–	–	18	–
Tool and die makers	546	536	5	5	–	–	5	–
Other metal craftsmen	1 205	1 194	–	–	–	–	11	–
Printing craftsmen	497	458	5	–	5	–	29	5
Compositors and typesetters	187	177	5	–	5	–	5	–
Pressmen and plate printers, printing	248	219	–	–	–	–	24	5
Stationary engineers and power station operators	190	154	36	–	–	36	–	–
Other craftsmen and kindred workers	2 264	1 999	45	16	12	17	220	–

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
READING SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**16 387**	**15 913**	**219**	**49**	**53**	**117**	**241**	**14**
Assemblers	1 161	1 157	4	–	4	–	–	–
Checkers, examiners, and inspectors; manufacturing	947	942	5	5	–	–	–	–
Garage workers and gas station attendants	467	412	7	–	3	4	43	5
Laundry and drycleaning operatives, n.e.c	81	51	9	–	4	5	21	–
Meat cutters and butchers	378	329	9	–	5	4	40	–
Mine operatives, n.e.c.	181	176	–	–	–	–	5	–
Packers and wrappers, except produce	348	348	–	–	–	–	–	–
Painters, manufactured articles	308	301	3	3	–	–	4	–
Precision machine operatives	1 459	1 444	10	3	–	7	5	–
Sawyers	155	147	8	–	–	8	–	–
Stationary firemen	199	173	26	6	15	5	–	–
Textile operatives	777	763	9	9	–	–	5	–
Welders and flamecutters	1 298	1 262	22	–	5	17	14	–
Other metalworking operatives	1 368	1 347	16	–	6	10	–	5
Other specified operatives	2 400	2 294	52	7	–	45	50	4
Miscellaneous and not specified operatives	4 860	4 767	39	16	11	12	54	–
Occupation:								
Machine operatives, miscellaneous specified	2 481	2 424	17	11	–	6	40	–
Machine operatives, not specified	684	667	17	–	11	6	–	–
Miscellaneous operatives	1 080	1 065	5	5	–	–	10	–
Not specified operatives	615	611	–	–	–	–	4	–
Industry:								
Manufacturing	4 549	4 471	34	16	6	12	44	–
Durable goods	2 494	2 474	16	10	–	6	4	–
Wood products, including furniture	122	118	–	–	–	–	4	–
Primary metal industries	900	895	5	5	–	–	–	–
Fabricated metal industries	305	305	–	–	–	–	–	–
Machinery, including electrical	610	599	11	5	–	6	–	–
Motor vehicles and equipment	296	296	–	–	–	–	–	–
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–
Other durable goods	261	261	–	–	–	–	–	–
Nondurable goods	2 035	1 977	18	6	6	6	40	–
Food and kindred products	538	514	–	–	–	–	24	–
Apparel and other fabricated textile products	82	82	–	–	–	–	–	–
Paper and allied products	298	282	6	–	–	6	10	–
Chemicals and allied products	167	167	–	–	–	–	–	–
Other nondurable goods	950	932	12	6	6	–	6	–
Not specified manufacturing industries	20	20	–	–	–	–	–	–
Nonmanufacturing industries	311	296	5	–	5	–	10	–
Transportation, communications, and other public utilities	92	92	–	–	–	–	–	–
Wholesale and retail trade	116	111	–	–	–	–	5	–
All other industries	103	93	5	–	5	–	5	–
Transport equipment operatives	**5 108**	**4 725**	**166**	**16**	**41**	**109**	**203**	**14**
Bus drivers	169	144	15	–	10	5	10	–
Taxicab drivers and chauffeurs	181	155	26	–	5	21	–	–
Truck drivers and deliverymen	3 916	3 635	96	5	26	65	176	9
Other transport equipment operatives	842	791	29	11	–	18	17	5
Laborers, except farm	**4 814**	**4 361**	**385**	**16**	**182**	**187**	**68**	–
Construction laborers	730	531	199	–	110	89	–	–
Freight, stock, and material handlers	1 817	1 764	23	6	5	12	30	–
Other specified laborers	905	763	112	10	43	59	30	–
Miscellaneous and not specified laborers	1 362	1 303	51	–	24	27	8	–
Occupation:								
Miscellaneous laborers	604	575	21	–	5	16	8	–
Not specified laborers	758	728	30	–	19	11	–	–
Industry:								
Manufacturing	1 114	1 103	11	–	5	6	–	–
Durable goods	907	896	11	–	5	6	–	–
Wood products, including furniture	20	20	–	–	–	–	–	–
Metal industries	594	588	6	–	–	6	–	–
Machinery, including electrical	125	125	–	–	–	–	–	–
Transportation equipment	86	86	–	–	–	–	–	–
Other durable goods	82	77	5	–	5	–	–	–
Nondurable goods	207	207	–	–	–	–	–	–
Food and kindred products	66	66	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	248	200	40	–	19	21	8	–
Railroads and railway express service	33	33	–	–	–	–	–	–
Transportation, except railroads	20	15	5	–	–	5	–	–
Communications, and utilities and sanitary services	32	22	5	–	–	5	5	–
Wholesale and retail trade	91	88	–	–	–	–	3	–
All other industries	72	42	30	–	19	11	–	–
Farmers and farm managers	**1 322**	**92**	–	–	–	–	**1 230**	–
Farm laborers and farm foremen	**868**	**690**	**34**	–	**30**	**4**	–	**144**
Paid farm laborers and farm foremen	724	690	34	–	30	4	–	–
Unpaid family workers	144	–	–	–	–	–	–	144
Service workers, except private household[1]	**5 962**	**4 025**	**1 479**	**76**	**401**	**1 002**	**445**	**13**
Cleaning service workers	2 336	1 692	604	37	106	461	35	5
Food service workers	1 483	1 274	41	–	41	–	160	8
Cooks, except private household	335	292	13	–	13	–	30	–
Busboys and dishwashers	372	372	–	–	–	–	–	–
Health service workers	146	81	65	4	57	4	–	–
Personal service workers	577	280	68	12	41	15	229	–
Protective service workers	1 097	450	647	9	138	500	–	–
Firemen, fire protection	110	–	110	–	9	101	–	–
Guards and watchmen	542	445	97	–	57	40	–	–
Policemen and detectives	397	5	392	9	65	318	–	–
Private household workers	**9**	**9**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
READING SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**51 475**	**43 249**	**5 942**	**460**	**1 741**	**3 741**	**1 708**	**576**
Professional, technical, and kindred workers	**5 680**	**2 922**	**2 561**	**58**	**533**	**1 970**	**182**	**15**
Accountants	150	139	11	–	11	–	–	–
Computer specialists	18	18	–	–	–	–	–	–
Librarians	88	19	69	–	17	52	–	–
Mathematical specialists	32	32	–	–	–	–	–	–
Life and physical scientists	24	24	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 577	1 242	300	10	134	156	31	4
Dietitians	24	19	5	–	5	–	–	–
Registered nurses	1 471	1 177	259	5	114	140	31	4
Health technologists and technicians	234	218	11	–	–	11	–	5
Social scientists	20	6	14	–	14	–	–	–
Social and recreation workers	223	94	129	3	83	43	–	–
Teachers: College and university	73	23	50	–	44	6	–	–
Elementary and prekindergarten	1 535	316	1 213	17	95	1 101	6	–
Secondary	697	152	545	–	55	490	–	–
Other teachers	195	96	28	–	18	10	71	–
Engineering and science technicians	114	101	8	–	–	8	5	–
Technicians, except health, and engineering and science	17	–	17	6	–	11	–	–
Writers, artists, and entertainers	198	137	21	10	11	–	40	–
Actors and dancers	17	6	–	–	–	–	11	–
Authors, editors, and reporters	35	26	–	–	–	–	9	–
Other professional, technical, and kindred workers	485	305	145	12	51	82	29	6
Managers and administrators, except farm	**1 151**	**742**	**161**	**13**	**22**	**126**	**237**	**11**
Buyers, purchasing agents, and sales managers	155	146	4	–	–	4	5	–
Restaurant, cafeteria, and bar managers	144	36	14	–	–	14	94	–
School administrators	69	20	49	–	9	40	–	–
Other specified managers and administrators	225	137	78	13	7	58	10	–
Managers and administrators, n.e.c., salaried	419	403	16	–	6	10	–	–
Wholesale and retail trade	192	192	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	139	–	–	–	–	–	128	11
Wholesale and retail trade	79	–	–	–	–	–	73	6
Sales workers	**3 583**	**3 198**	**8**	**–**	**–**	**8**	**260**	**117**
Demonstrators, hucksters, and peddlers	158	130	–	–	–	–	28	–
Insurance, real estate agents, and brokers	71	62	–	–	–	–	4	5
Sales clerks, retail trade	2 841	2 558	–	–	–	–	192	91
Salesmen, retail trade	99	79	–	–	–	–	11	9
Other sales workers	414	369	8	–	–	8	25	12
Clerical and kindred workers	**13 725**	**11 981**	**1 486**	**271**	**491**	**724**	**118**	**140**
Bank tellers	438	418	15	–	10	5	5	–
Bookkeepers	1 593	1 428	67	7	20	40	36	62
Cashiers	1 042	990	37	4	5	28	5	10
Counter clerks, except food	182	158	15	–	15	–	4	5
Enumerators and interviewers	19	11	8	8	–	–	–	–
File clerks	421	382	39	11	17	11	–	–
Office machine operators	716	661	55	12	5	38	–	–
Bookkeeping and billing machine operators	81	76	5	–	–	5	–	–
Keypunch operators	482	438	44	12	5	27	–	–
Payroll and timekeeping clerks	169	158	11	–	5	6	–	–
Receptionists	327	293	25	5	–	20	–	9
Secretaries	4 027	3 515	455	37	134	284	30	27
Stenographers	81	63	18	4	4	10	–	–
Telephone operators	417	372	45	–	25	20	–	–
Typists	1 342	1 093	241	38	110	93	4	4
Other clerical and kindred workers	2 951	2 439	455	145	141	169	34	23
Craftsmen and kindred workers	**1 124**	**1 040**	**50**	**14**	**14**	**22**	**34**	**–**
Foremen, n.e.c.	413	386	23	4	14	5	4	–
Operatives, except transport	**16 870**	**16 494**	**212**	**55**	**56**	**101**	**118**	**46**
Assemblers	638	624	10	–	–	10	4	–
Bottling and canning operatives	37	37	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 314	1 294	20	11	6	3	–	–
Dressmakers and seamstresses, except factory	100	77	–	–	–	–	23	–
Laundry and drycleaning operatives, including ironers	497	466	26	–	10	16	–	5
Graders and sorters, manufacturing	39	39	–	–	–	–	–	–
Packers and wrappers, except produce	1 799	1 789	6	6	–	–	4	–
Sewers and stitchers	5 716	5 624	44	17	11	16	37	11
Textile operatives	2 196	2 181	8	–	5	3	7	–
Other specified operatives	2 120	2 027	52	9	24	19	28	13
Miscellaneous and not specified operatives	2 414	2 336	46	12	–	34	15	17
Manufacturing	2 265	2 197	46	12	–	34	5	17
Durable goods	984	965	19	7	–	12	–	–
Machinery, including electrical	699	688	11	7	–	4	–	–
Other durable goods	285	277	8	–	–	8	–	–
Nondurable goods, including not specified manufacturing	1 281	1 232	27	5	–	22	5	17
Food and kindred products	389	369	4	–	–	4	5	11
Apparel and other fabricated textile products	492	481	11	5	–	6	–	–
Nonmanufacturing industries	149	139	–	–	–	–	10	–
Transport equipment operatives	**126**	**82**	**38**	**–**	**11**	**27**	**6**	**–**
Laborers, except farm	**648**	**619**	**5**	**5**	**–**	**–**	**20**	**4**
Farmers and farm managers	**95**	**–**	**–**	**–**	**–**	**–**	**95**	**–**
Farm laborers and farm foremen	**274**	**123**	**–**	**–**	**–**	**–**	**6**	**145**
Paid farm laborers and farm foremen	129	123	–	–	–	–	6	–
Unpaid family workers	145	–	–	–	–	–	–	145
Service workers, except private household[1]	**7 421**	**5 274**	**1 417**	**44**	**614**	**759**	**632**	**98**
Cleaning service workers	981	696	259	6	100	153	15	11
Chambermaids and maids	182	135	42	–	37	5	5	–
Food service workers	3 347	2 700	465	–	127	338	129	53
Cooks, except private household	691	432	187	–	34	153	50	22
Waiters and food counter workers	1 819	1 687	62	–	32	30	39	31
Health service workers	1 431	1 019	367	9	233	125	36	9
Nursing aides, orderlies, and attendants	659	424	230	5	129	96	5	–
Practical nurses	496	363	102	–	73	29	31	–
Personal service workers	1 149	514	212	19	143	50	414	9
Hairdressers and cosmetologists	779	380	10	–	10	–	380	9
Private household workers	**778**	**774**	**4**	**–**	**–**	**4**	**–**	**–**
Private household workers, living in	36	36	–	–	–	–	–	–
Private household workers, living out	742	738	4	–	–	4	–	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
WILKES-BARRE–HAZLETON SMSA								
Total								
Male, 16 years old and over	**79 252**	**61 831**	**9 781**	**3 322**	**2 629**	**3 830**	**7 475**	**165**
Professional, technical, and kindred workers	**7 889**	**4 473**	**2 330**	**401**	**655**	**1 274**	**1 086**	**–**
Accountants	605	418	126	61	60	5	61	–
Architects	59	14	5	–	–	5	40	–
Computer specialists	138	110	28	28	–	–	–	–
Engineers	965	820	112	31	68	13	33	–
Aeronautical and astronautical	6	6	–	–	–	–	–	–
Civil	171	98	69	11	49	9	4	–
Electrical and electronic	169	158	11	11	–	–	–	–
Mechanical	102	85	–	–	–	–	17	–
Other engineers	517	473	32	9	19	4	12	–
Lawyers and judges	240	35	28	5	8	15	177	–
Life and physical scientists	90	60	17	9	4	4	13	–
Chemists	59	55	4	–	–	4	–	–
Physicians, dentists, and related practitioners	757	170	28	17	11	–	559	–
Dentists	172	6	–	–	–	–	166	–
Pharmacists	194	123	–	–	–	–	71	–
Physicians, medical and osteopathic	295	36	28	17	11	–	231	–
Other related practitioners	96	5	–	–	–	–	91	–
Health technologists and technicians	89	56	28	14	14	–	5	–
Religious workers	419	366	11	–	5	6	42	–
Social scientists	49	26	23	5	5	13	–	–
Social and recreation workers	190	28	162	5	125	32	–	–
Teachers	1 911	679	1 197	4	150	1 043	35	–
College and university	442	347	95	4	47	44	–	–
Elementary and prekindergarten	327	57	270	–	28	242	–	–
Secondary	1 039	227	812	–	65	747	–	–
Engineering and science technicians	863	684	179	118	39	22	–	–
Draftsmen and surveyors	402	353	49	20	13	16	–	–
Electrical and electronic engineering technicians	208	139	69	69	–	–	–	–
Technicians, except health, and engineering and science	84	62	22	22	–	–	–	–
Airplane pilots	18	18	–	–	–	–	–	–
Writers, artists, and entertainers	499	400	22	16	–	6	77	–
Other professional, technical, and kindred workers	931	545	342	66	166	110	44	–
Managers and administrators, except farm	**6 867**	**4 506**	**861**	**314**	**241**	**306**	**1 490**	**10**
Buyers, purchasing agents, and sales managers	832	751	29	29	–	–	52	–
School administrators	178	44	130	–	17	113	4	–
Specified managers and administrators, public administration	488	–	488	244	131	113	–	–
Other specified managers and administrators	1 269	902	66	20	26	20	296	5
Managers and administrators, n.e.c., salaried	2 957	2 809	148	21	67	60	–	–
Manufacturing	912	912	–	–	–	–	–	–
Wholesale and retail trade	1 026	988	38	5	28	5	–	–
Transportation, communications and other public utilities	227	215	12	–	–	12	–	–
All other industries	792	694	98	16	39	43	–	–
Managers and administrators, n.e.c., self-employed	1 143	–	–	–	–	–	1 138	5
Construction	215	–	–	–	–	–	215	–
Manufacturing	170	–	–	–	–	–	170	–
Wholesale and retail trade	605	–	–	–	–	–	605	–
All other industries	153	–	–	–	–	–	148	5
Sales workers	**5 590**	**4 499**	**123**	**20**	**103**	**–**	**935**	**33**
Insurance agents, brokers, and underwriters	669	538	–	–	–	–	126	5
Real estate agents and brokers	74	49	–	–	–	–	25	–
Sales representatives, manufacturing industries	496	477	–	–	–	–	19	–
Sales representatives, wholesale trade	1 084	938	9	4	5	–	137	–
Sales clerks, retail trade	1 602	1 208	44	–	44	–	327	23
Salesmen, retail trade	655	469	–	–	–	–	181	5
Salesmen of services and construction	232	152	46	6	40	–	34	–
Other sales workers	778	668	24	10	14	–	86	–
Clerical and kindred workers	**6 106**	**4 432**	**1 567**	**1 178**	**201**	**188**	**107**	**–**
Bank tellers and cashiers	359	326	22	–	22	–	11	–
Bookkeepers and billing clerks	567	478	67	34	14	19	22	–
Mail handlers and postal clerks	818	73	745	740	5	–	–	–
Other clerical and kindred workers	4 362	3 555	733	404	160	169	74	–
Craftsmen and kindred workers	**18 597**	**15 514**	**1 112**	**543**	**310**	**259**	**1 928**	**43**
Apparel craftsmen and upholsterers	520	443	6	6	–	–	66	5
Bakers	339	293	–	–	–	–	46	–
Cabinetmakers	105	89	–	–	–	–	16	–
Construction craftsmen	4 681	3 631	285	69	101	115	765	–
Carpenters	1 532	1 209	32	9	9	14	291	–
Excavating, grading, and road machine operators	566	471	74	3	36	35	21	–
Electricians	809	655	70	31	26	13	84	–
Masons and tile setters	380	286	17	6	–	11	77	–
Painters, construction and maintenance, and paperhangers	489	290	52	14	11	27	147	–
Plasterers and cement finishers	147	127	4	–	–	4	16	–
Plumbers and pipe fitters	538	423	29	6	19	4	86	–
Other construction craftsmen	220	170	7	–	–	7	43	–
Foremen, n.e.c.	2 504	2 309	167	36	86	45	28	–
Manufacturing	1 589	1 568	5	5	–	–	16	–
Nonmanufacturing industries	915	741	162	31	86	45	12	–
Linemen and servicemen, telephone and power	573	558	15	12	–	3	–	–
Locomotive engineers and firemen	105	105	–	–	–	–	–	–
Mechanics and repairmen	4 633	3 673	339	293	14	32	594	27
Air conditioning, heating, and refrigeration	161	121	8	–	4	4	32	–
Aircraft	10	6	4	4	–	–	–	–
Automobile, including body	1 613	1 174	17	17	–	–	404	18
Radio and television	363	94	207	201	–	6	62	–
Other mechanics and repairmen	2 486	2 278	103	71	10	22	96	9
Metal craftsmen, except mechanics	1 549	1 433	91	81	5	5	20	5
Machinists and job and die setters	801	761	25	15	5	5	10	5
Sheetmetal workers and tinsmiths	230	166	60	60	–	–	4	–
Tool and die makers	162	162	–	–	–	–	–	–
Other metal craftsmen	356	344	6	6	–	–	6	–
Printing craftsmen	815	764	11	5	–	6	40	–
Compositors and typesetters	336	316	6	–	–	6	14	–
Pressmen and plate printers, printing	413	387	–	–	–	–	26	–
Stationary engineers and power station operators	157	125	32	6	5	21	–	–
Other craftsmen and kindred workers	2 616	2 091	166	35	99	32	353	6

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
WILKES-BARRE–HAZLETON SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**15 604**	**14 759**	**506**	**266**	**159**	**81**	**332**	**7**
Assemblers	981	946	35	16	12	7	–	–
Checkers, examiners, and inspectors; manufacturing	663	608	55	32	17	6	–	–
Garage workers and gas station attendants	503	431	–	–	–	–	69	3
Laundry and drycleaning operatives, n.e.c	167	119	34	6	24	4	14	–
Meat cutters and butchers	553	439	15	–	11	4	99	–
Mine operatives, n.e.c	511	498	8	4	4	–	5	–
Packers and wrappers, except produce	902	828	65	59	6	–	9	–
Painters, manufactured articles	272	262	10	5	5	–	–	–
Precision machine operatives	607	571	17	8	–	9	19	–
Sawyers	120	115	–	–	–	–	5	–
Stationary firemen	224	182	37	6	22	9	5	–
Textile operatives	671	662	3	–	–	3	6	–
Welders and flamecutters	1 090	1 038	30	30	–	–	22	–
Other metalworking operatives	632	611	16	11	–	5	5	–
Other specified operatives	3 510	3 388	89	40	30	19	33	–
Miscellaneous and not specified operatives	4 198	4 061	92	49	28	15	41	4
Occupation:								
Machine operatives, miscellaneous specified	1 819	1 765	34	16	8	10	20	–
Machine operatives, not specified	985	957	28	18	5	5	–	–
Miscellaneous operatives	1 028	982	27	15	12	–	15	4
Not specified operatives	366	357	3	–	3	–	6	–
Industry:								
Manufacturing	3 684	3 632	32	17	–	15	16	4
Durable goods	1 730	1 698	17	17	–	–	11	4
Wood products, including furniture	124	114	–	–	–	–	6	4
Primary metal industries	200	195	5	5	–	–	–	–
Fabricated metal industries	297	297	–	–	–	–	–	–
Machinery, including electrical	333	328	5	5	–	–	–	–
Motor vehicles and equipment	29	29	–	–	–	–	–	–
Transportation equipment, except motor vehicles	85	85	–	–	–	–	–	–
Other durable goods	662	650	7	7	–	–	5	–
Nondurable goods	1 923	1 909	9	–	–	9	5	–
Food and kindred products	330	330	–	–	–	–	–	–
Apparel and other fabricated textile products	425	425	–	–	–	–	–	–
Paper and allied products	307	298	9	–	–	9	–	–
Chemicals and allied products	73	73	–	–	–	–	–	–
Other nondurable goods	788	783	–	–	–	–	5	–
Not specified manufacturing industries	31	25	6	–	–	6	–	–
Nonmanufacturing industries	514	429	60	32	28	–	25	–
Transportation, communications, and other public utilities	46	46	–	–	–	–	–	–
Wholesale and retail trade	246	235	–	–	–	–	11	–
All other industries	222	148	60	32	28	–	14	–
Transport equipment operatives	**5 738**	**4 972**	**359**	**114**	**62**	**183**	**375**	**32**
Bus drivers	314	265	32	–	–	32	17	–
Taxicab drivers and chauffeurs	116	96	20	5	5	10	–	–
Truck drivers and deliverymen	4 132	3 619	188	18	57	113	305	20
Other transport equipment operatives	1 176	992	119	91	–	28	53	12
Laborers, except farm	**5 239**	**4 417**	**710**	**203**	**171**	**336**	**98**	**14**
Construction laborers	1 148	849	299	19	113	167	–	–
Freight, stock, and material handlers	1 913	1 735	128	55	19	54	39	11
Other specified laborers	939	699	184	111	24	49	53	3
Miscellaneous and not specified laborers	1 239	1 134	99	18	15	66	6	–
Occupation:								
Miscellaneous laborers	288	245	37	8	–	29	6	–
Not specified laborers	951	889	62	10	15	37	–	–
Industry:								
Manufacturing	738	733	5	–	–	5	–	–
Durable goods	394	389	5	–	–	5	–	–
Wood products, including furniture	60	60	–	–	–	–	–	–
Metal industries	136	131	5	–	–	5	–	–
Machinery, including electrical	53	53	–	–	–	–	–	–
Transportation equipment	38	38	–	–	–	–	–	–
Other durable goods	107	107	–	–	–	–	–	–
Nondurable goods	335	335	–	–	–	–	–	–
Food and kindred products	70	70	–	–	–	–	–	–
Not specified manufacturing industries	9	9	–	–	–	–	–	–
Nonmanufacturing industries	501	401	94	18	15	61	6	–
Railroads and railway express service	68	68	–	–	–	–	–	–
Transportation, except railroads	5	5	–	–	–	–	–	–
Communications, and utilities and sanitary services	83	53	30	–	–	30	–	–
Wholesale and retail trade	180	174	–	–	–	–	6	–
All other industries	165	101	64	18	15	31	–	–
Farmers and farm managers	**440**	**60**	**5**	**5**	–	–	**375**	–
Farm laborers and farm foremen	**281**	**251**	**16**	–	**12**	**4**	**4**	**10**
Paid farm laborers and farm foremen	271	251	16	–	12	4	4	–
Unpaid family workers	10	–	–	–	–	–	–	10
Service workers, except private household[1]	**6 883**	**3 930**	**2 192**	**278**	**715**	**1 199**	**745**	**16**
Cleaning service workers	2 301	1 654	595	121	123	351	52	–
Food service workers	1 720	1 228	112	33	30	49	364	16
Cooks, except private household	572	452	56	11	26	19	59	5
Busboys and dishwashers	255	255	–	–	–	–	–	–
Health service workers	281	87	190	70	87	33	4	–
Personal service workers	576	203	119	14	96	9	254	–
Protective service workers	1 500	421	1 072	19	334	719	7	–
Firemen, fire protection	198	3	195	–	–	195	–	–
Guards and watchmen	656	412	237	8	199	30	7	–
Policemen and detectives	555	6	549	11	135	403	–	–
Private household workers	**18**	**18**	–	–	–	–	–	–

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
WILKES-BARRE–HAZLETON SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**55 799**	**47 072**	**6 412**	**1 462**	**1 714**	**3 236**	**1 954**	**361**
Professional, technical, and kindred workers	**6 129**	**3 239**	**2 672**	**204**	**636**	**1 832**	**218**	**–**
Accountants	138	128	5	–	–	5	5	–
Computer specialists	7	7	–	–	–	–	–	–
Librarians	115	51	64	10	4	50	–	–
Mathematical specialists	–	–	–	–	–	–	–	–
Life and physical scientists	7	7	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 988	1 384	485	111	248	126	119	–
Dietitians	23	23	–	–	–	–	–	–
Registered nurses	1 924	1 341	464	111	243	110	119	–
Health technologists and technicians	214	172	42	4	20	18	–	–
Social scientists	4	–	–	–	–	–	4	–
Social and recreation workers	202	39	163	11	99	53	–	–
Teachers: College and university	156	147	9	4	–	5	–	–
Elementary and prekindergarten	1 507	458	1 049	12	126	911	–	–
Secondary	760	218	542	10	38	494	–	–
Other teachers	131	59	41	13	18	10	31	–
Engineering and science technicians	53	53	–	–	–	–	–	–
Technicians, except health, and engineering and science	16	16	–	–	–	–	–	–
Writers, artists, and entertainers	205	173	13	–	5	8	19	–
Actors and dancers	10	10	–	–	–	–	–	–
Authors, editors, and reporters	75	58	13	–	5	8	4	–
Other professional, technical, and kindred workers	626	327	259	29	78	152	40	–
Managers and administrators, except farm	**1 252**	**756**	**135**	**41**	**17**	**77**	**337**	**24**
Buyers, purchasing agents, and sales managers	101	86	–	–	–	–	15	–
Restaurant, cafeteria, and bar managers	145	46	4	–	–	4	95	–
School administrators	65	57	8	–	–	8	–	–
Other specified managers and administrators	295	161	108	41	17	50	22	4
Managers and administrators, n.e.c., salaried	421	406	15	–	–	15	–	–
Wholesale and retail trade	169	169	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	225	–	–	–	–	–	205	20
Wholesale and retail trade	142	–	–	–	–	–	127	15
Sales workers	**3 574**	**3 150**	**20**	**12**	**5**	**3**	**284**	**120**
Demonstrators, hucksters, and peddlers	37	28	–	–	–	–	9	–
Insurance, real estate agents, and brokers	92	83	–	–	–	–	9	–
Sales clerks, retail trade	2 939	2 611	5	5	–	–	218	105
Salesmen, retail trade	40	25	–	–	–	–	15	–
Other sales workers	466	403	15	7	5	3	33	15
Clerical and kindred workers	**12 273**	**10 055**	**2 063**	**1 051**	**430**	**582**	**83**	**72**
Bank tellers	357	335	22	22	–	–	–	–
Bookkeepers	1 905	1 729	94	18	14	62	53	29
Cashiers	779	779	–	–	–	–	–	–
Counter clerks, except food	83	79	–	–	–	–	4	–
Enumerators and interviewers	29	19	10	10	–	–	–	–
File clerks	397	343	54	31	14	9	–	–
Office machine operators	1 051	481	566	539	11	16	4	–
Bookkeeping and billing machine operators	129	117	12	6	–	6	–	–
Keypunch operators	824	269	551	530	11	10	4	–
Payroll and timekeeping clerks	266	256	10	–	–	10	–	–
Receptionists	267	233	29	8	10	11	–	5
Secretaries	2 738	2 246	449	125	116	208	10	33
Stenographers	153	82	71	16	45	10	–	–
Telephone operators	452	397	55	21	17	17	–	–
Typists	1 054	732	322	108	138	76	–	–
Other clerical and kindred workers	2 742	2 344	381	153	65	163	12	5
Craftsmen and kindred workers	**961**	**884**	**33**	**7**	**15**	**11**	**31**	**13**
Foremen, n.e.c.	457	432	18	7	11	–	–	7
Operatives, except transport	**23 453**	**23 160**	**166**	**38**	**70**	**58**	**123**	**4**
Assemblers	869	848	15	6	–	9	6	–
Bottling and canning operatives	11	11	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 849	1 838	11	6	5	–	–	–
Dressmakers and seamstresses, except factory	124	96	–	–	–	–	28	–
Laundry and drycleaning operatives, including ironers	1 082	1 053	24	4	16	4	5	–
Graders and sorters, manufacturing	254	254	–	–	–	–	–	–
Packers and wrappers, except produce	2 084	2 063	17	4	8	5	4	–
Sewers and stitchers	10 768	10 707	18	–	13	5	43	–
Textile operatives	859	835	12	5	–	7	12	–
Other specified operatives	3 044	2 991	34	13	10	11	15	4
Miscellaneous and not specified operatives	2 509	2 464	35	–	18	17	10	–
Manufacturing	2 419	2 397	17	–	–	17	5	–
Durable goods	540	531	9	–	–	9	–	–
Machinery, including electrical	288	279	9	–	–	9	–	–
Other durable goods	252	252	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	1 879	1 866	8	–	–	8	5	–
Food and kindred products	105	105	–	–	–	–	–	–
Apparel and other fabricated textile products	781	781	–	–	–	–	–	–
Nonmanufacturing industries	90	67	18	–	18	–	5	–
Transport equipment operatives	**52**	**43**	**5**	**–**	**–**	**5**	**4**	**–**
Laborers, except farm	**483**	**443**	**19**	**5**	**14**	**–**	**17**	**4**
Farmers and farm managers	**117**	**4**	**–**	**–**	**–**	**–**	**113**	**–**
Farm laborers and farm foremen	**44**	**33**	**–**	**–**	**–**	**–**	**–**	**11**
Paid farm laborers and farm foremen	33	33	–	–	–	–	–	–
Unpaid family workers	11	–	–	–	–	–	–	11
Service workers, except private household[1]	**6 726**	**4 570**	**1 299**	**104**	**527**	**668**	**744**	**113**
Cleaning service workers	1 196	868	325	29	89	207	–	3
Chambermaids and maids	254	215	39	–	5	34	–	–
Food service workers	2 649	2 082	304	27	89	188	176	87
Cooks, except private household	481	295	98	–	25	73	49	39
Waiters and food counter workers	1 526	1 369	72	–	34	38	58	27
Health service workers	1 284	880	384	18	227	139	15	5
Nursing aides, orderlies, and attendants	587	358	225	4	151	70	4	–
Practical nurses	400	270	119	4	64	51	11	–
Personal service workers	1 068	412	141	30	97	14	515	–
Hairdressers and cosmetologists	728	245	5	–	5	–	478	–
Private household workers	**735**	**735**	**–**	**–**	**–**	**–**	**–**	**–**
Private household workers, living in	92	92	–	–	–	–	–	–
Private household workers, living out	643	643	–	–	–	–	–	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
YORK SMSA								
Total								
Male, 16 years old and over	**86 872**	**71 496**	**7 221**	**2 547**	**1 637**	**3 037**	**7 947**	**208**
Professional, technical, and kindred workers	**9 381**	**6 190**	**2 081**	**339**	**496**	**1 246**	**1 110**	**–**
Accountants	640	471	82	37	20	25	87	–
Architects	39	21	5	–	5	–	13	–
Computer specialists	241	202	39	35	–	4	–	–
Engineers	1 760	1 627	103	35	55	13	30	–
Aeronautical and astronautical	6	6	–	–	–	–	–	–
Civil	269	201	59	9	50	–	9	–
Electrical and electronic	227	221	–	–	–	–	6	–
Mechanical	350	336	14	9	5	–	–	–
Other engineers	908	863	30	17	–	13	15	–
Lawyers and judges	224	35	23	–	13	10	166	–
Life and physical scientists	140	119	21	16	5	–	–	–
Chemists	120	109	11	6	5	–	–	–
Physicians, dentists, and related practitioners	645	166	17	–	11	6	462	–
Dentists	134	5	–	–	–	–	129	–
Pharmacists	86	74	–	–	–	–	12	–
Physicians, medical and osteopathic	346	81	17	–	11	6	248	–
Other related practitioners	79	6	–	–	–	–	73	–
Health technologists and technicians	57	44	9	–	4	5	4	–
Religious workers	402	332	–	–	–	–	70	–
Social scientists	68	38	17	–	5	12	13	–
Social and recreation workers	71	24	47	–	25	22	–	–
Teachers	1 742	542	1 183	6	177	1 000	17	–
College and university	216	182	34	–	34	–	–	–
Elementary and prekindergarten	497	129	368	–	19	349	–	–
Secondary	945	175	770	–	124	646	–	–
Engineering and science technicians	1 214	1 044	136	83	37	16	34	–
Draftsmen and surveyors	696	622	49	12	21	16	25	–
Electrical and electronic engineering technicians	155	120	35	35	–	–	–	–
Technicians, except health, and engineering and science	113	66	47	42	–	5	–	–
Airplane pilots	41	41	–	–	–	–	–	–
Writers, artists, and entertainers	706	563	45	22	16	7	98	–
Other professional, technical, and kindred workers	1 319	896	307	63	123	121	116	–
Managers and administrators, except farm	**7 958**	**5 491**	**845**	**280**	**231**	**334**	**1 611**	**11**
Buyers, purchasing agents, and sales managers	1 270	1 107	65	52	9	4	94	4
School administrators	203	53	150	–	18	132	–	–
Specified managers and administrators, public administration	447	–	447	201	126	120	–	–
Other specified managers and administrators	1 232	864	39	12	10	17	329	–
Managers and administrators, n.e.c., salaried	3 611	3 467	144	15	68	61	–	–
Manufacturing	1 567	1 559	8	5	3	–	–	–
Wholesale and retail trade	900	879	21	6	10	5	–	–
Transportation, communications and other public utilities	253	237	16	–	–	16	–	–
All other industries	891	792	99	4	55	40	–	–
Managers and administrators, n.e.c., self-employed	1 195	–	–	–	–	–	1 188	7
Construction	168	–	–	–	–	–	168	–
Manufacturing	154	–	–	–	–	–	154	–
Wholesale and retail trade	646	–	–	–	–	–	639	7
All other industries	227	–	–	–	–	–	227	–
Sales workers	**5 287**	**4 538**	**41**	**14**	**27**	**–**	**696**	**12**
Insurance agents, brokers, and underwriters	660	546	–	–	–	–	114	–
Real estate agents and brokers	229	174	–	–	–	–	55	–
Sales representatives, manufacturing industries	672	656	–	–	–	–	16	–
Sales representatives, wholesale trade	867	783	–	–	–	–	84	–
Sales clerks, retail trade	1 346	1 131	17	–	17	–	198	–
Salesmen, retail trade	771	608	–	–	–	–	156	7
Salesmen of services and construction	160	129	11	6	5	–	20	–
Other sales workers	582	511	13	8	5	–	53	5
Clerical and kindred workers	**5 716**	**4 459**	**1 176**	**978**	**107**	**91**	**81**	**–**
Bank tellers and cashiers	277	277	–	–	–	–	–	–
Bookkeepers and billing clerks	656	582	46	20	12	14	28	–
Mail handlers and postal clerks	673	51	622	617	5	–	–	–
Other clerical and kindred workers	4 110	3 549	508	341	90	77	53	–
Craftsmen and kindred workers	**20 981**	**18 540**	**788**	**346**	**272**	**170**	**1 604**	**49**
Apparel craftsmen and upholsterers	228	171	–	–	–	–	57	–
Bakers	86	68	–	–	–	–	9	9
Cabinetmakers	172	152	–	–	–	–	20	–
Construction craftsmen	5 433	4 544	178	61	70	47	682	29
Carpenters	1 699	1 396	30	9	10	11	260	13
Excavating, grading, and road machine operators	529	447	63	–	51	12	19	–
Electricians	863	791	34	20	–	14	34	4
Masons and tile setters	566	502	–	–	–	–	64	–
Painters, construction and maintenance, and paperhangers	539	349	42	27	5	10	148	–
Plasterers and cement finishers	312	261	4	–	4	–	47	–
Plumbers and pipe fitters	690	595	5	5	–	–	78	12
Other construction craftsmen	235	203	–	–	–	–	32	–
Foremen, n.e.c.	3 296	3 125	124	32	50	42	47	–
Manufacturing	2 368	2 340	13	4	4	5	15	–
Nonmanufacturing industries	928	785	111	28	46	37	32	–
Linemen and servicemen, telephone and power	627	618	9	9	–	–	–	–
Locomotive engineers and firemen	92	92	–	–	–	–	–	–
Mechanics and repairmen	4 352	3 743	150	102	24	24	448	11
Air conditioning, heating, and refrigeration	250	235	4	–	–	4	11	–
Aircraft	29	24	5	5	–	–	–	–
Automobile, including body	1 816	1 441	43	24	14	5	321	11
Radio and television	160	95	27	27	–	–	38	–
Other mechanics and repairmen	2 097	1 948	71	46	10	15	78	–
Metal craftsmen, except mechanics	2 902	2 796	78	68	6	4	28	–
Machinists and job and die setters	1 274	1 217	51	47	–	4	6	–
Sheetmetal workers and tinsmiths	198	188	10	10	–	–	–	–
Tool and die makers	665	665	–	–	–	–	–	–
Other metal craftsmen	765	726	17	11	6	–	22	–
Printing craftsmen	966	947	10	10	–	–	9	–
Compositors and typesetters	452	433	10	10	–	–	9	–
Pressmen and plate printers, printing	437	437	–	–	–	–	–	–
Stationary engineers and power station operators	261	229	32	5	9	18	–	–
Other craftsmen and kindred workers	2 566	2 055	207	59	113	35	304	–

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
YORK SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**17 435**	**16 786**	**415**	**255**	**66**	**94**	**234**	–
Assemblers	1 462	1 433	24	4	6	14	5	–
Checkers, examiners, and inspectors; manufacturing	1 185	1 142	43	24	15	4	–	–
Garage workers and gas station attendants	497	471	–	–	–	–	26	–
Laundry and drycleaning operatives, n.e.c	59	44	9	4	–	5	6	–
Meat cutters and butchers	356	299	16	12	–	4	41	–
Mine operatives, n.e.c	138	138	–	–	–	–	–	–
Packers and wrappers, except produce	591	510	81	73	–	8	–	–
Painters, manufactured articles	382	372	5	5	–	–	5	–
Precision machine operatives	1 983	1 961	11	–	–	11	11	–
Sawyers	302	290	–	–	–	–	12	–
Stationary firemen	199	189	10	10	–	–	–	–
Textile operatives	480	480	–	–	–	–	–	–
Welders and flamecutters	1 471	1 418	28	10	18	–	25	–
Other metalworking operatives	800	781	13	9	–	4	6	–
Other specified operatives	2 951	2 810	88	60	18	10	53	–
Miscellaneous and not specified operatives	4 579	4 448	87	44	9	34	44	–
Occupation:								
Machine operatives, miscellaneous specified	1 985	1 943	32	21	–	11	10	–
Machine operatives, not specified	1 258	1 238	10	–	–	10	10	–
Miscellaneous operatives	862	816	41	23	5	13	5	–
Not specified operatives	474	451	4	–	4	–	19	–
Industry:								
Manufacturing	4 267	4 191	41	13	–	28	35	–
Durable goods	2 871	2 809	32	13	–	19	30	–
Wood products, including furniture	449	434	–	–	–	–	15	–
Primary metal industries	359	353	–	–	–	–	6	–
Fabricated metal industries	339	320	10	4	–	6	9	–
Machinery, including electrical	1 325	1 303	22	9	–	13	–	–
Motor vehicles and equipment	85	85	–	–	–	–	–	–
Transportation equipment, except motor vehicles	9	9	–	–	–	–	–	–
Other durable goods	305	305	–	–	–	–	–	–
Nondurable goods	1 389	1 375	9	–	–	9	5	–
Food and kindred products	301	296	–	–	–	–	5	–
Apparel and other fabricated textile products	27	27	–	–	–	–	–	–
Paper and allied products	620	616	4	–	–	4	–	–
Chemicals and allied products	34	34	–	–	–	–	–	–
Other nondurable goods	407	402	5	–	–	5	–	–
Not specified manufacturing industries	7	7	–	–	–	–	–	–
Nonmanufacturing industries	312	257	46	31	9	6	9	–
Transportation, communications, and other public utilities	48	37	11	5	–	6	–	–
Wholesale and retail trade	106	106	–	–	–	–	–	–
All other industries	158	114	35	26	9	–	9	–
Transport equipment operatives	**5 965**	**5 491**	**235**	**85**	**45**	**105**	**224**	**15**
Bus drivers	172	134	33	–	11	22	5	–
Taxicab drivers and chauffeurs	96	80	16	16	–	–	–	–
Truck drivers and deliverymen	4 340	4 011	109	41	34	34	210	10
Other transport equipment operatives	1 357	1 266	77	28	–	49	9	5
Laborers, except farm	**5 575**	**5 021**	**458**	**135**	**178**	**145**	**90**	**6**
Construction laborers	973	740	227	6	152	69	–	6
Freight, stock, and material handlers	2 181	2 069	103	90	–	13	9	–
Other specified laborers	1 240	1 101	87	20	20	47	52	–
Miscellaneous and not specified laborers	1 181	1 111	41	19	6	16	29	–
Occupation:								
Miscellaneous laborers	256	234	–	–	–	–	22	–
Not specified laborers	925	877	41	19	6	16	7	–
Industry:								
Manufacturing	865	848	10	4	6	–	7	–
Durable goods	528	511	10	4	6	–	7	–
Wood products, including furniture	86	79	–	–	–	–	7	–
Metal industries	220	220	–	–	–	–	–	–
Machinery, including electrical	119	115	4	4	–	–	–	–
Transportation equipment	5	5	–	–	–	–	–	–
Other durable goods	98	92	6	–	6	–	–	–
Nondurable goods	330	330	–	–	–	–	–	–
Food and kindred products	58	58	–	–	–	–	–	–
Not specified manufacturing industries	7	7	–	–	–	–	–	–
Nonmanufacturing industries	316	263	31	15	–	16	22	–
Railroads and railway express service	40	40	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	10	5	5	–	–	5	–	–
Wholesale and retail trade	152	141	–	–	–	–	11	–
All other industries	114	77	26	15	–	11	11	–
Farmers and farm managers	**2 151**	**166**	–	–	–	–	**1 985**	–
Farm laborers and farm foremen	**1 232**	**1 104**	**14**	–	**5**	**9**	**11**	**103**
Paid farm laborers and farm foremen	1 129	1 104	14	–	5	9	11	–
Unpaid family workers	103	–	–	–	–	–	–	103
Service workers, except private household[1]	**5 172**	**3 691**	**1 168**	**115**	**210**	**843**	**301**	**12**
Cleaning service workers	1 962	1 443	473	53	89	331	40	6
Food service workers	1 057	973	20	5	5	10	64	–
Cooks, except private household	393	346	5	–	5	–	42	–
Busboys and dishwashers	233	218	15	5	–	10	–	–
Health service workers	108	84	24	–	5	19	–	–
Personal service workers	420	249	19	–	19	–	152	–
Protective service workers	1 060	487	573	51	92	430	–	–
Firemen, fire protection	109	4	105	9	–	96	–	–
Guards and watchmen	535	465	70	22	33	15	–	–
Policemen and detectives	380	18	362	20	59	283	–	–
Private household workers	**19**	**19**	–	–	–	–	–	–

[1] Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
YORK SMSA—Continued								
Total—Continued								
Female, 16 years old and over	51 999	43 518	5 945	778	1 004	4 163	2 051	485
Professional, technical, and kindred workers	5 930	2 981	2 681	74	342	2 265	259	9
Accountants	189	146	43	14	20	9	–	–
Computer specialists	45	31	14	4	10	–	–	–
Librarians	136	71	65	4	6	55	–	–
Mathematical specialists	12	6	6	–	–	6	–	–
Life and physical scientists	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 169	944	140	–	22	118	82	3
Dietitians	15	15	–	–	–	–	–	–
Registered nurses	1 126	920	121	–	16	105	82	3
Health technologists and technicians	201	187	14	–	–	14	–	–
Social scientists	10	6	4	–	–	4	–	–
Social and recreation workers	152	40	112	12	53	47	–	–
Teachers: College and university	120	98	22	–	18	4	–	–
Elementary and prekindergarten	1 796	422	1 374	15	85	1 274	–	–
Secondary	801	208	593	–	27	566	–	–
Other teachers	107	27	5	–	5	–	75	–
Engineering and science technicians	109	104	5	–	5	–	–	–
Technicians, except health, and engineering and science	10	5	5	–	5	–	–	–
Writers, artists, and entertainers	289	226	5	–	–	5	52	6
Actors and dancers	5	–	–	–	–	–	5	–
Authors, editors, and reporters	36	32	–	–	–	–	4	–
Other professional, technical, and kindred workers	784	460	274	25	86	163	50	–
Managers and administrators, except farm	1 184	769	135	39	37	59	246	34
Buyers, purchasing agents, and sales managers	197	163	3	3	–	–	31	–
Restaurant, cafeteria, and bar managers	177	71	18	–	9	9	79	9
School administrators	26	16	10	–	5	5	–	–
Other specified managers and administrators	249	155	90	31	19	40	4	–
Managers and administrators, n.e.c., salaried	378	364	14	5	4	5	–	–
Wholesale and retail trade	128	128	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	157	–	–	–	–	–	132	25
Wholesale and retail trade	104	–	–	–	–	–	84	20
Sales workers	3 945	3 600	12	–	–	12	279	54
Demonstrators, hucksters, and peddlers	155	120	–	–	–	–	35	–
Insurance, real estate agents, and brokers	77	71	–	–	–	–	6	–
Sales clerks, retail trade	3 078	2 879	6	–	–	6	143	50
Salesmen, retail trade	75	67	–	–	–	–	4	4
Other sales workers	560	463	6	–	–	6	91	–
Clerical and kindred workers	14 341	12 246	1 843	565	470	808	147	105
Bank tellers	383	358	25	10	–	15	–	–
Bookkeepers	1 525	1 323	100	31	22	47	52	50
Cashiers	1 041	962	73	–	6	67	6	–
Counter clerks, except food	141	141	–	–	–	–	–	–
Enumerators and interviewers	48	12	36	21	–	15	–	–
File clerks	312	276	32	8	19	5	–	4
Office machine operators	601	537	58	16	22	20	6	–
Bookkeeping and billing machine operators	82	77	5	–	5	–	–	–
Keypunch operators	420	367	53	16	17	20	–	–
Payroll and timekeeping clerks	262	258	4	4	–	–	–	–
Receptionists	376	309	58	15	9	34	5	4
Secretaries	3 889	3 319	528	105	135	288	18	24
Stenographers	120	79	34	12	11	11	7	–
Telephone operators	480	472	8	4	4	–	–	–
Typists	1 404	1 093	306	99	140	67	5	–
Other clerical and kindred workers	3 759	3 107	581	240	102	239	48	23
Craftsmen and kindred workers	1 320	1 203	39	14	9	16	53	25
Foremen, n.e.c.	459	430	14	5	9	–	4	11
Operatives, except transport	15 005	14 640	154	54	27	73	146	65
Assemblers	789	766	23	18	–	5	–	–
Bottling and canning operatives	93	93	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	1 132	1 123	9	5	–	4	–	–
Dressmakers and seamstresses, except factory	151	84	–	–	–	–	57	10
Laundry and drycleaning operatives, including ironers	635	609	15	–	4	11	–	11
Graders and sorters, manufacturing	94	94	–	–	–	–	–	–
Packers and wrappers, except produce	1 382	1 361	21	11	–	10	–	–
Sewers and stitchers	3 930	3 879	16	–	–	16	35	–
Textile operatives	1 164	1 156	8	4	–	4	–	–
Other specified operatives	3 012	2 908	33	8	12	13	32	39
Miscellaneous and not specified operatives	2 623	2 567	29	8	11	10	22	5
Manufacturing	2 469	2 431	23	8	11	4	10	5
Durable goods	925	903	17	8	5	4	5	–
Machinery, including electrical	308	296	12	8	–	4	–	–
Other durable goods	617	607	5	–	5	–	5	–
Nondurable goods, including not specified manufacturing	1 544	1 528	6	–	6	–	5	5
Food and kindred products	216	200	6	–	6	–	5	5
Apparel and other fabricated textile products	328	328	–	–	–	–	–	–
Nonmanufacturing industries	154	136	6	–	–	6	12	–
Transport equipment operatives	339	272	59	–	4	55	3	5
Laborers, except farm	948	930	–	–	–	–	11	7
Farmers and farm managers	112	20	–	–	–	–	92	–
Farm laborers and farm foremen	245	150	–	–	–	–	3	92
Paid farm laborers and farm foremen	153	150	–	–	–	–	3	–
Unpaid family workers	92	–	–	–	–	–	–	92
Service workers, except private household[1]	7 558	5 662	1 022	32	115	875	785	89
Cleaning service workers	803	673	119	3	25	91	11	–
Chambermaids and maids	209	198	4	–	4	–	7	–
Food service workers	3 414	2 703	577	16	44	517	71	63
Cooks, except private household	1 065	709	274	–	24	250	39	43
Waiters and food counter workers	1 648	1 553	58	11	–	47	27	10
Health service workers	1 206	1 027	135	–	5	130	38	6
Nursing aides, orderlies, and attendants	468	412	56	–	–	56	–	–
Practical nurses	471	365	68	–	–	68	38	–
Personal service workers	1 271	643	72	4	20	48	542	14
Hairdressers and cosmetologists	872	363	–	–	–	–	495	14
Private household workers	1 072	1 045	–	–	–	–	27	–
Private household workers, living in	103	103	–	–	–	–	–	–
Private household workers, living out	969	942	–	–	–	–	27	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE													
Total													
Male employed	28 612	2 855 353	68 128	97 253	274 089	304 573	271 667	606 899	658 277	267 086	190 452	116 929	41.8
Professional, technical, and kindred workers	356	383 627	909	4 320	45 052	62 672	49 592	90 845	72 921	24 250	19 258	13 808	38.2
Accountants	15	29 719	13	223	3 408	4 685	3 287	6 109	6 227	2 522	1 847	1 398	40.3
Architects	7	2 618	–	–	121	360	328	797	534	141	193	144	41.3
Computer specialists	–	11 461	26	95	1 877	3 409	2 280	2 615	1 016	60	78	5	30.7
Engineers	15	66 236	11	113	4 107	8 778	8 583	18 878	16 654	4 414	3 214	1 484	41.1
Aeronautical and astronautical	–	1 624	–	6	66	187	213	593	456	51	52	–	40.7
Civil	–	8 103	–	32	660	1 057	984	2 191	1 689	541	548	401	41.0
Electrical and electronic	4	14 232	5	17	1 008	2 078	2 049	4 360	3 124	756	670	165	39.5
Mechanical	–	10 091	–	8	489	1 152	1 319	3 031	2 662	736	432	262	41.9
Other engineers	11	32 186	6	50	1 884	4 304	4 018	8 703	8 723	2 330	1 512	656	41.7
Lawyers and judges	–	11 246	–	9	126	1 488	1 394	2 758	2 082	852	1 043	1 494	44.4
Life and physical scientists	–	10 311	5	48	798	1 558	1 404	2 859	2 308	660	468	203	39.7
Chemists	–	7 792	5	37	622	1 106	952	2 139	1 790	571	431	139	40.5
Physicians, dentists, and related practitioners	8	29 700	4	43	601	2 642	3 046	7 315	6 775	2 909	2 933	3 432	46.8
Dentists	–	5 433	–	–	35	359	521	1 240	1 229	526	616	907	49.6
Pharmacists	–	5 638	–	30	388	486	544	1 234	1 074	531	617	734	46.3
Physicians, medical and osteopathic	8	15 667	–	13	147	1 598	1 765	4 009	3 599	1 556	1 470	1 510	45.8
Other related practitioners	–	2 962	4	–	31	199	216	832	873	296	230	281	47.3
Health technologists and technicians	5	3 682	51	173	1 034	725	513	533	422	100	70	61	29.0
Religious workers	22	12 644	23	24	398	1 167	1 242	3 203	2 796	1 344	1 100	1 347	45.9
Social scientists	–	4 270	–	3	303	1 017	729	999	708	267	129	115	35.8
Social and recreation workers	16	5 415	16	111	957	1 009	550	1 198	863	359	213	139	35.5
Teachers	102	69 737	139	372	12 404	14 879	10 212	15 034	9 244	3 294	2 729	1 430	33.5
College and university	20	18 928	6	170	1 605	3 520	3 474	4 919	3 019	1 071	738	406	36.4
Elementary and prekindergarten	49	13 427	41	63	3 779	3 387	1 504	2 334	1 154	560	387	218	29.2
Secondary	4	33 718	21	61	6 484	7 594	4 899	7 158	4 252	1 392	1 367	490	32.8
Engineering and science technicians	27	49 683	210	1 528	9 286	9 098	6 486	10 984	7 817	2 219	1 585	470	33.6
Draftsmen and surveyors	10	25 444	154	868	5 362	4 600	3 437	5 390	3 476	988	836	333	32.5
Electrical and electronic engineering technicians	10	7 654	14	182	1 274	1 713	967	1 904	1 170	267	131	32	33.3
Technicians, except health, and engineering and science	6	4 111	17	53	462	579	545	1 060	893	244	158	100	38.8
Airplane pilots	–	1 272	–	5	53	231	248	375	294	38	21	7	37.6
Writers, artists, and entertainers	68	24 623	289	643	2 911	3 580	3 011	5 464	5 026	1 570	1 250	879	38.4
Other professional, technical, and kindred workers	65	48 171	105	882	6 259	7 698	5 982	11 039	9 556	3 295	2 248	1 107	37.9
Managers and administrators, except farm	178	269 413	296	1 126	10 943	22 456	26 239	69 229	75 465	29 529	20 611	13 519	45.6
Buyers, purchasing agents, and sales managers	26	37 659	22	118	1 902	3 713	4 339	10 516	9 883	3 757	2 358	1 051	43.3
School administrators	–	7 510	–	19	89	414	835	2 368	2 199	816	572	198	45.1
Specified managers and administrators, public administration	5	16 260	–	46	257	591	955	3 276	5 785	2 376	1 751	1 223	50.2
Other specified managers and administrators	54	49 266	87	314	3 274	5 510	4 978	11 254	12 220	4 998	4 095	2 536	44.3
Managers and administrators, n.e.c., salaried	75	123 578	164	597	4 819	10 678	12 740	33 935	34 943	12 610	8 063	5 029	44.7
Manufacturing	44	39 834	10	63	852	2 697	3 797	11 710	12 609	4 275	2 514	1 307	45.6
Wholesale and retail trade	24	37 008	98	317	2 408	4 199	4 162	9 260	9 187	3 609	2 196	1 572	42.9
Transportation, communications, and other public utilities	–	10 909	5	41	255	778	995	3 108	3 387	1 142	877	321	45.8
All other industries	7	35 827	51	176	1 304	3 004	3 786	9 857	9 760	3 584	2 476	1 829	44.7
Managers and administrators, n.e.c., self-employed	18	35 140	23	32	602	1 550	2 392	7 880	10 435	4 972	3 772	3 482	49.9
Construction	–	6 117	4	14	120	354	664	1 819	1 727	713	413	289	45.5
Manufacturing	–	3 206	–	6	42	170	191	625	1 000	476	323	373	50.7
Wholesale and retail trade	18	19 066	14	4	309	763	1 156	3 947	5 688	2 837	2 319	2 029	50.9
All other industries	–	6 751	5	8	131	263	381	1 489	2 020	946	717	791	50.4
Sales workers	10 535	186 798	8 293	6 324	15 988	19 229	16 875	37 979	40 870	16 816	12 535	11 889	42.0
Insurance agents, brokers, and underwriters	78	23 677	38	44	1 835	2 905	2 668	5 915	5 791	2 028	1 271	1 182	42.4
Real estate agents and brokers	4	6 647	11	21	247	395	507	1 531	1 725	763	565	882	48.5
Sales representatives, manufacturing industries	47	22 305	78	131	1 090	2 850	2 706	5 756	5 533	1 916	1 397	848	42.5
Sales representatives, wholesale trade	38	32 059	89	283	2 111	3 755	3 171	7 628	7 807	3 091	2 162	1 962	43.7
Sales clerks, retail trade	600	48 849	4 352	4 059	6 070	3 952	3 260	6 600	8 825	4 495	3 519	3 717	39.1
Salesmen, retail trade	36	22 696	360	562	1 887	2 194	1 743	4 836	5 579	2 242	1 746	1 547	44.5
Salesmen of services and construction	72	8 167	133	124	494	978	893	1 893	1 999	728	570	355	42.7
Other sales workers	9 660	22 398	3 232	1 100	2 254	2 200	1 927	3 820	3 611	1 553	1 305	1 396	36.3
Clerical and kindred workers	962	233 372	5 415	12 232	30 536	25 060	19 649	45 041	50 912	20 655	14 823	9 049	40.3
Bank tellers and cashiers	149	10 466	1 710	1 727	2 101	835	577	955	999	565	552	445	24.3
Bookkeepers and billing clerks	14	20 359	122	472	2 680	2 452	1 608	3 620	4 221	2 057	1 770	1 357	42.9
Mail handlers and postal clerks	29	32 860	222	1 160	2 550	2 361	2 507	8 849	10 304	2 882	1 391	634	43.6
Other clerical and kindred workers	770	169 687	3 361	8 873	23 205	19 412	14 957	31 617	35 388	15 151	11 110	6 613	39.8
Craftsmen and kindred workers	1 023	645 306	4 110	12 572	52 636	66 368	62 393	149 652	169 497	63 868	45 059	19 151	43.3
Apparel craftsmen and upholsterers	6	7 156	52	158	393	502	585	1 441	1 690	877	682	776	47.6
Bakers	38	6 040	201	207	482	651	427	1 104	1 468	740	526	234	44.5
Cabinetmakers	–	3 618	35	117	375	318	299	795	815	365	303	196	43.4
Construction craftsmen	193	161 163	855	3 102	13 546	15 947	15 910	37 969	42 267	14 942	11 239	5 386	43.2
Carpenters	64	44 963	246	1 108	3 759	4 109	4 174	10 163	12 024	4 347	3 159	1 874	43.9
Excavating, grading, and road machine operators	4	16 489	40	146	1 164	1 739	1 969	4 324	4 607	1 515	676	309	42.4
Electricians	6	28 985	82	364	2 686	3 448	2 954	6 567	7 408	2 585	2 133	738	42.5
Masons and tile setters	27	13 330	93	286	1 105	1 302	1 227	3 918	3 464	895	752	288	41.8
Painters, construction and maintenance, and paperhangers	56	16 436	247	458	1 106	1 256	1 370	3 326	4 097	1 821	1 758	997	46.1
Plasterers and cement finishers	9	5 640	15	86	497	510	659	1 511	1 463	365	318	216	42.0
Plumbers and pipe fitters	22	24 952	46	434	1 997	2 309	2 387	5 834	6 729	2 593	1 878	745	44.1
Other construction craftsmen	5	10 368	86	200	1 232	1 274	1 170	2 326	2 475	821	565	219	40.3
Foremen, n.e.c.	26	92 880	68	216	2 476	6 456	8 581	24 715	29 904	11 269	7 303	1 892	46.3
Manufacturing	17	60 581	52	123	1 408	4 207	5 698	16 125	19 968	7 567	4 488	945	46.3
Nonmanufacturing industries	9	32 299	16	93	1 068	2 249	2 883	8 590	9 936	3 702	2 815	947	46.3
Linemen and servicemen, telephone and power	–	20 397	26	439	3 012	3 797	2 825	6 160	2 976	495	582	85	35.2
Locomotive engineers and firemen	–	5 357	–	–	72	148	115	791	2 449	989	631	162	51.3
Mechanics and repairmen	230	145 959	1 756	4 204	14 422	17 892	15 085	32 817	34 830	12 670	8 452	3 831	41.0
Air conditioning, heating, and refrigeration	–	7 342	51	85	623	880	790	1 835	1 739	674	426	239	41.8
Aircraft	–	2 749	5	29	178	472	361	740	709	171	69	15	39.5
Automobile, including body	171	55 157	1 135	2 751	7 153	7 196	6 159	11 627	11 282	3 831	2 628	1 395	37.7
Radio and television	10	6 635	79	143	621	845	713	1 559	1 737	520	259	159	40.9
Other mechanics and repairmen	49	74 076	486	1 196	5 847	8 499	7 062	17 056	19 363	7 474	5 070	2 023	43.2
Metal craftsmen, except mechanics	25	80 116	235	1 442	6 603	8 385	7 227	17 207	22 875	8 913	5 635	1 594	44.4
Machinists and job and die setters	8	31 692	131	715	2 982	3 714	3 053	6 545	8 408	3 266	2 180	698	43.0
Sheetmetal workers and tinsmiths	–	8 187	20	212	725	877	783	1 919	2 297	724	502	128	42.7
Tool and die makers	13	12 790	21	218	1 326	1 612	1 215	2 605	3 508	1 167	800	318	42.7
Other metal craftsmen	4	27 447	63	297	1 570	2 182	2 176	6 138	8 662	3 756	2 153	450	46.5
Printing craftsmen	55	22 079	235	827	2 489	2 985	2 600	5 014	3 955	1 819	1 415	740	38.8
Compositors and typesetters	44	9 218	89	391	935	1 101	966	2 080	1 641	842	793	380	40.4
Pressmen and plate printers, printing	11	10 146	141	374	1 313	1 487	1 330	2 367	1 685	753	454	242	36.8
Stationary engineers and power station operators	–	11 096	–	57	357	660	842	2 366	3 321	1 798	1 272	423	48.8
Other craftsmen and kindred workers	450	89 445	647	1 803	8 409	8 627	7 897	19 273	22 947	8 991	7 019	3 832	44.0

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

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

THE STATE—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**2 471**	**471 820**	**12 109**	**22 227**	**51 850**	**50 006**	**42 583**	**91 655**	**112 251**	**48 100**	**30 505**	**10 534**	**41.2**
Assemblers	40	29 247	388	1 248	3 984	3 198	2 736	5 989	6 558	2 921	1 795	430	40.1
Checkers, examiners, and inspectors; manufacturing	15	28 561	34	664	2 583	2 947	2 636	5 843	7 908	3 393	2 079	474	44.3
Garage workers and gas station attendants	755	19 457	5 287	4 185	2 697	1 094	859	1 492	1 676	782	694	691	20.5
Laundry and drycleaning operatives, n.e.c	23	3 356	209	192	284	194	209	618	735	397	309	209	44.5
Meat cutters and butchers	41	14 123	285	487	970	1 469	1 355	2 923	3 297	1 581	1 098	658	43.5
Mine operatives, n.e.c	10	12 080	57	169	708	960	740	2 172	4 318	1 935	830	191	47.9
Packers and wrappers, except produce	127	16 255	1 016	1 482	2 429	1 581	1 242	2 554	3 342	1 324	857	428	36.5
Painters, manufactured articles	9	6 987	111	377	884	799	666	1 497	1 459	657	451	86	39.4
Precision machine operatives	18	38 244	177	1 177	4 213	4 823	3 610	7 049	10 176	3 894	2 471	654	42.3
Sawyers	24	4 850	31	142	571	508	490	944	1 199	443	388	134	42.2
Stationary firemen	–	6 903	18	80	346	390	440	1 216	2 091	1 080	867	375	49.6
Textile operatives	29	10 685	327	567	1 349	1 118	736	1 776	1 992	1 344	1 007	469	42.0
Welders and flamecutters	17	41 268	157	848	3 740	4 715	4 066	8 819	11 590	4 440	2 502	391	43.1
Other metalworking operatives	53	28 326	263	1 059	2 735	2 670	2 454	5 779	7 850	3 223	1 824	469	43.6
Other specified operatives	1 013	79 082	1 811	3 955	8 472	8 437	7 506	15 791	17 418	7 511	5 386	2 795	40.9
Miscellaneous and not specified operatives	297	132 396	1 938	5 595	15 885	15 103	12 838	27 193	30 642	13 175	7 947	2 080	40.5
Occupation:													
Machine operatives, miscellaneous specified	54	55 669	635	2 052	6 193	6 366	5 542	11 998	13 167	5 628	3 324	764	40.9
Machine operatives, not specified	24	26 472	181	1 118	3 525	3 445	2 633	5 278	6 095	2 558	1 335	304	39.4
Miscellaneous operatives	204	33 031	862	1 808	4 286	3 640	3 207	6 336	7 078	3 018	2 089	707	39.3
Not specified operatives	15	17 224	260	617	1 881	1 652	1 456	3 581	4 302	1 971	1 199	305	42.7
Industry:													
Manufacturing	125	117 786	1 315	4 602	14 097	13 462	11 594	24 405	27 772	11 876	7 095	1 568	40.7
Durable goods	41	77 788	503	2 677	8 472	8 708	7 280	16 380	19 526	8 254	4 964	1 024	41.9
Wood products, including furniture	5	3 443	72	244	398	318	281	638	726	370	232	164	41.4
Primary metal industries	11	25 849	74	544	2 219	2 661	2 352	5 805	7 270	3 024	1 691	209	43.7
Fabricated metal industries	4	9 710	65	452	1 037	996	939	2 053	2 329	1 003	655	181	41.7
Machinery, including electrical	17	18 095	134	697	2 526	2 335	1 587	3 562	4 095	1 803	1 105	251	40.0
Motor vehicles and equipment	–	2 078	5	38	155	330	222	448	618	174	81	7	41.5
Transportation equipment, except motor vehicles	4	3 642	18	112	425	498	374	732	909	361	196	17	40.4
Other durable goods	–	14 971	135	590	1 712	1 570	1 525	3 142	3 579	1 519	1 004	195	41.2
Nondurable goods	84	39 292	812	1 905	5 514	4 644	4 246	7 903	8 106	3 559	2 072	531	38.2
Food and kindred products	51	8 408	211	411	1 000	788	911	1 756	1 746	901	532	152	40.0
Apparel and other fabricated textile products	9	2 685	193	169	413	292	223	456	489	215	147	88	36.2
Paper and allied products	11	8 557	73	433	1 333	1 021	1 035	1 806	1 764	646	370	76	37.1
Chemicals and allied products	–	5 990	15	132	724	749	621	1 285	1 447	607	341	69	40.9
Other nondurable goods	13	13 652	320	760	2 044	1 794	1 456	2 600	2 660	1 190	682	146	36.7
Not specified manufacturing industries	–	706	–	20	111	110	68	122	140	63	59	13	38.6
Nonmanufacturing industries	172	14 610	623	993	1 788	1 641	1 244	2 788	2 870	1 299	852	512	38.6
Transportation, communications, and other public utilities	14	3 443	34	134	434	421	246	758	783	309	267	57	41.0
Wholesale and retail trade	96	5 266	399	451	549	551	439	958	980	482	238	219	37.5
All other industries	62	5 901	190	408	805	669	559	1 072	1 107	508	347	236	38.0
Transport equipment operatives	**538**	**179 177**	**1 739**	**4 799**	**15 784**	**19 053**	**20 114**	**43 359**	**42 871**	**16 811**	**9 795**	**4 852**	**41.5**
Bus drivers	–	10 019	7	14	425	914	855	1 901	2 487	1 564	1 035	817	48.6
Taxicab drivers and chauffeurs	–	6 305	38	197	682	408	326	1 018	1 465	936	596	639	48.3
Truck drivers and deliverymen	369	123 486	1 402	3 387	10 808	13 757	14 967	31 453	29 159	10 439	5 708	2 406	40.5
Other transport equipment operatives	169	39 367	292	1 201	3 869	3 974	3 966	8 987	9 760	3 872	2 456	990	42.1
Laborers, except farm	**4 235**	**204 042**	**14 702**	**17 895**	**27 142**	**18 551**	**15 298**	**34 365**	**39 057**	**17 795**	**12 635**	**6 602**	**37.5**
Construction laborers	190	36 971	894	2 113	5 225	3 788	3 135	6 630	7 407	3 798	2 624	1 357	40.0
Freight, stock, and material handlers	1 392	70 547	8 206	8 452	9 580	6 156	5 140	11 650	11 910	5 168	3 072	1 213	32.8
Other specified laborers	2 158	40 880	3 710	3 867	5 023	3 283	2 954	6 218	7 202	3 316	2 804	2 503	37.6
Miscellaneous and not specified laborers	495	55 644	1 892	3 463	7 314	5 324	4 069	9 867	12 538	5 513	4 135	1 529	40.8
Occupation:													
Miscellaneous laborers	138	19 014	352	661	2 101	1 709	1 321	3 741	4 990	2 094	1 638	407	44.0
Not specified laborers	357	36 630	1 540	2 802	5 213	3 615	2 748	6 126	7 548	3 419	2 497	1 122	38.9
Industry:													
Manufacturing	106	39 379	716	2 428	5 685	4 184	3 110	7 252	8 900	3 886	2 617	601	39.9
Durable goods	56	32 248	314	1 821	4 674	3 404	2 537	6 079	7 537	3 242	2 157	483	40.6
Wood products, including furniture	4	1 433	44	126	207	168	117	247	242	105	102	75	37.2
Metal industries	29	21 145	160	1 082	2 933	2 227	1 693	4 154	5 202	2 182	1 275	237	41.0
Machinery, including electrical	23	3 422	42	267	527	323	220	537	831	361	272	42	41.2
Transportation equipment	–	1 980	20	86	317	335	165	389	354	153	136	25	36.7
Other durable goods	–	4 268	48	260	690	351	342	752	908	441	372	104	40.9
Nondurable goods	50	6 959	393	573	991	759	560	1 155	1 324	640	446	118	36.8
Food and kindred products	30	2 007	135	160	259	240	162	418	340	159	114	20	36.1
Not specified manufacturing industries	–	172	9	34	20	21	13	18	39	4	14	–	30.8
Nonmanufacturing industries	389	16 265	1 176	1 035	1 629	1 140	959	2 615	3 638	1 627	1 518	928	43.4
Railroads and railway express service	5	3 358	10	72	222	199	139	587	995	494	540	100	49.5
Transportation, except railroads	20	604	31	32	56	69	61	84	124	97	45	5	41.3
Communications, and utilities and sanitary services	10	2 643	29	122	282	193	142	616	685	250	235	89	44.0
Wholesale and retail trade	162	4 621	651	421	539	332	294	666	769	319	319	311	36.1
All other industries	192	5 039	455	388	530	347	323	662	1 065	467	379	423	42.2
Farmers and farm managers	**115**	**34 374**	**117**	**353**	**1 555**	**2 412**	**2 540**	**7 393**	**8 643**	**3 745**	**3 152**	**4 464**	**48.3**
Farm laborers and farm foremen	**2 801**	**21 948**	**3 716**	**2 781**	**3 312**	**1 957**	**1 333**	**2 628**	**2 481**	**1 212**	**982**	**1 546**	**28.0**
Paid farm laborers and farm foremen	1 995	18 971	2 805	2 073	2 869	1 805	1 262	2 443	2 318	1 120	909	1 367	29.8
Unpaid family workers	806	2 977	911	708	443	152	71	185	163	92	73	179	19.6
Service workers, except private household[1]	**5 289**	**224 044**	**16 556**	**12 551**	**19 247**	**16 749**	**15 007**	**34 604**	**43 094**	**24 156**	**20 899**	**21 181**	**44.2**
Cleaning service workers	1 136	74 049	4 137	3 307	4 479	3 443	3 173	9 116	16 236	10 856	10 230	9 072	50.8
Food service workers	2 389	49 945	9 832	5 373	4 983	2 591	2 692	6 372	7 995	4 258	2 913	2 936	34.1
Cooks, except private household	353	14 030	2 359	1 577	1 301	1 015	1 057	1 995	2 238	1 142	789	557	33.6
Busboys and dishwashers	1 373	10 291	4 713	1 994	1 348	290	217	413	505	246	169	396	18.4
Health service workers	35	7 573	408	792	1 437	707	559	1 208	1 232	585	364	281	34.0
Personal service workers	615	21 917	1 377	845	2 152	2 118	1 779	3 527	3 732	2 173	1 694	2 520	42.6
Protective service workers	30	51 804	40	272	3 539	6 370	5 276	11 417	10 669	4 774	4 467	4 980	44.1
Firemen, fire protection	–	6 704	5	19	446	956	799	1 823	1 780	487	278	111	41.2
Guards and watchmen	25	20 805	26	175	1 121	1 045	868	2 838	4 730	3 106	3 271	3 625	54.2
Policemen and detectives	5	22 283	5	70	1 955	4 294	3 541	6 558	3 840	952	664	404	36.9
Private household workers	**109**	**1 432**	**166**	**73**	**44**	**60**	**44**	**149**	**215**	**149**	**198**	**334**	**53.4**

[1]Includes allocated cases not shown separately.

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

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

THE STATE—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	11 168	1 681 550	42 766	94 408	243 733	146 522	121 323	324 136	383 335	153 674	103 830	67 823	40.9
Professional, technical, and kindred workers	319	242 302	911	3 667	48 331	35 503	21 906	45 023	43 002	19 892	15 866	8 201	37.4
Accountants	8	7 062	18	284	1 178	644	488	1 491	1 768	604	365	222	41.2
Computer specialists	–	2 528	–	129	1 070	596	238	223	228	25	15	4	25.5
Librarians	26	5 387	92	173	719	649	305	1 017	1 228	512	477	215	42.4
Mathematical specialists	–	563	–	24	124	61	35	121	117	23	35	23	38.1
Life and physical scientists	5	1 502	–	10	383	396	151	310	145	33	56	18	29.5
Registered nurses, dietitians, and therapists	29	59 075	73	267	10 936	8 289	6 102	13 527	11 366	4 325	2 725	1 465	37.9
Dietitians	6	1 864	–	22	140	245	134	412	422	246	177	66	44.5
Registered nurses	23	54 745	73	197	10 158	7 561	5 724	12 726	10 546	3 963	2 448	1 349	37.9
Health technologists and technicians	4	10 697	30	586	3 855	1 992	939	1 382	1 131	401	218	163	27.2
Social scientists	–	933	–	11	160	246	99	180	141	52	36	8	32.5
Social and recreation workers	24	8 141	57	85	1 725	1 122	621	1 262	1 747	839	478	205	38.6
Teachers: College and university	7	6 376	11	150	927	1 175	709	1 366	1 177	350	262	249	36.6
Elementary and prekindergarten	37	63 450	32	364	13 316	9 403	5 143	9 920	9 492	6 975	6 550	2 255	38.5
Secondary	11	26 494	10	39	5 630	4 455	2 412	4 526	4 669	2 149	1 873	731	36.5
Other teachers	51	6 466	186	73	678	908	643	1 179	1 196	493	504	606	41.3
Engineering and science technicians	5	4 572	53	321	1 130	495	317	839	942	256	147	72	34.5
Technicians, except health, and engineering and science	–	537	–	9	70	56	79	98	159	16	39	11	40.6
Writers, artists, and entertainers	55	10 519	198	459	1 937	1 187	887	2 271	1 817	807	439	517	37.6
Actors and dancers	–	179	–	13	82	32	20	27	5	–	–	–	24.7
Authors, editors, and reporters	–	2 865	26	81	431	406	247	641	567	222	116	128	38.8
Other professional, technical, and kindred workers	57	28 000	151	683	4 493	3 829	2 738	5 311	5 679	2 032	1 647	1 437	39.0
Managers and administrators, except farm	46	46 372	79	437	3 114	2 784	2 799	9 660	13 816	6 192	4 145	3 346	48.1
Buyers, purchasing agents, and sales managers	4	7 412	23	69	941	564	312	1 550	2 224	1 004	495	230	46.1
Restaurant, cafeteria, and bar managers	7	4 739	4	44	128	116	303	1 046	1 609	755	482	252	49.5
School administrators	–	2 621	–	19	43	107	244	580	725	371	327	205	49.4
Other specified managers and administrators	21	11 111	34	183	813	838	759	2 122	3 153	1 376	970	863	47.6
Managers and administrators, n.e.c., salaried	14	14 807	18	117	1 086	1 016	969	3 459	4 426	1 742	1 137	837	46.7
Wholesale and retail trade	–	5 650	10	79	444	288	328	1 286	1 732	736	436	311	47.3
Managers and administrators, n.e.c., self-employed	–	5 682	–	5	103	143	212	903	1 679	944	734	959	53.8
Wholesale and retail trade	–	3 892	–	5	75	78	96	635	1 154	638	490	721	54.2
Sales workers	1 482	129 895	8 162	8 372	11 474	6 981	6 933	23 593	33 492	14 341	9 232	7 315	44.8
Demonstrators, hucksters, and peddlers	41	4 540	131	107	527	701	525	1 065	834	270	208	172	37.6
Insurance, real estate agents, and brokers	15	4 392	27	51	373	319	313	1 025	1 260	469	288	267	45.7
Sales clerks, retail trade	740	98 672	6 938	6 865	7 893	4 212	4 407	17 272	26 542	11 687	7 268	5 588	45.7
Salesmen, retail trade	19	3 235	111	122	189	227	149	667	918	389	215	248	46.7
Other sales workers	667	19 056	955	1 227	2 492	1 522	1 539	3 564	3 938	1 526	1 253	1 040	40.0
Clerical and kindred workers	1 969	553 677	12 301	50 776	113 230	51 109	40 608	102 919	109 197	35 433	24 297	13 807	35.9
Bank tellers	5	12 370	99	981	2 906	1 237	1 035	2 711	2 414	550	356	81	34.6
Bookkeepers	122	60 501	472	3 247	8 854	4 789	4 322	12 638	15 141	5 125	3 752	2 161	41.8
Cashiers	278	36 275	3 339	3 838	4 436	2 462	2 574	7 177	7 751	2 509	1 376	813	37.1
Counter clerks, except food	56	7 866	461	647	1 027	536	455	1 492	1 704	768	488	288	40.4
Enumerators and interviewers	–	2 675	50	82	340	323	311	684	606	160	54	65	38.4
File clerks	168	17 415	1 005	2 710	3 770	1 105	858	2 555	2 990	1 206	854	362	30.7
Office machine operators	34	24 523	261	2 665	6 758	3 342	2 404	4 202	3 346	910	480	155	28.9
Bookkeeping and billing machine operators	–	2 877	45	243	539	335	315	649	486	164	73	28	34.4
Keypunch operators	23	15 868	156	1 861	5 132	2 489	1 576	2 585	1 571	326	139	33	26.6
Payroll and timekeeping clerks	6	7 663	47	390	1 367	703	580	1 598	1 921	613	303	141	39.7
Receptionists	58	13 377	309	1 309	2 888	1 075	914	2 352	2 480	767	714	569	35.8
Secretaries	188	155 546	1 372	12 341	38 632	17 603	11 634	27 516	28 653	8 922	5 651	3 222	33.4
Stenographers	18	6 728	85	924	1 632	503	430	909	1 330	498	260	157	32.6
Telephone operators	16	19 227	389	1 980	2 911	1 258	1 531	4 305	3 742	1 301	1 222	588	38.6
Typists	117	57 656	1 647	8 173	14 472	5 101	3 858	9 249	9 267	2 767	1 997	1 125	29.4
Other clerical and kindred workers	903	131 855	2 765	11 489	23 237	11 072	9 702	25 531	27 852	9 337	6 790	4 080	38.0
Craftsmen and kindred workers	94	30 255	300	1 002	2 864	2 135	2 189	6 542	8 427	3 131	2 199	1 466	45.1
Foremen, n.e.c.	7	8 852	38	76	383	534	578	2 062	2 938	1 092	723	428	47.6
Operatives, except transport	1 039	333 364	4 312	11 967	31 103	25 850	25 235	73 427	93 332	36 768	21 311	10 059	44.3
Assemblers	32	24 351	131	1 098	2 987	2 344	2 244	5 640	6 646	2 130	891	240	41.0
Bottling and canning operatives	–	1 066	6	24	88	73	97	217	306	122	117	16	45.9
Checkers, examiners, and inspectors; manufacturing	–	24 942	171	768	2 169	1 813	1 827	5 604	7 821	2 788	1 546	435	45.2
Dressmakers and seamstresses, except factory	–	4 836	42	38	158	199	142	568	1 520	778	602	789	53.4
Laundry and drycleaning operatives, including ironers	29	18 028	353	444	1 068	927	1 123	4 010	5 669	2 299	1 478	657	46.9
Graders and sorters, manufacturing	–	1 916	25	53	114	120	168	424	693	174	124	21	45.8
Packers and wrappers, except produce	81	31 894	511	1 364	3 241	2 573	2 550	7 404	9 135	3 156	1 478	482	42.7
Sewers and stitchers	93	106 246	1 374	3 270	8 180	7 324	7 296	23 888	30 694	13 181	7 755	3 284	45.6
Textile operatives	–	14 712	205	497	1 321	1 021	1 056	3 030	3 674	2 043	1 258	607	45.6
Other specified operatives	726	53 213	838	2 328	6 269	5 003	4 533	10 654	12 734	5 080	3 299	2 475	42.2
Miscellaneous and not specified operatives	78	52 160	656	2 083	5 508	4 453	4 199	11 988	14 440	5 017	2 763	1 053	42.7
Manufacturing	47	47 778	558	1 755	4 953	4 133	3 919	11 221	13 326	4 513	2 475	925	42.6
Durable goods	17	18 373	85	727	2 183	1 714	1 648	4 593	4 902	1 550	708	263	41.2
Machinery, including electrical	–	8 716	14	368	1 063	836	875	2 181	2 344	653	303	79	40.5
Other durable goods	17	9 657	71	359	1 120	878	773	2 412	2 558	897	405	184	41.7
Nondurable goods, including not specified manufacturing	30	29 405	473	1 028	2 770	2 419	2 271	6 628	8 424	2 963	1 767	662	43.7
Food and kindred products	8	4 341	56	100	294	329	346	934	1 304	502	315	161	45.9
Apparel and other fabricated textile products	11	10 533	278	311	895	766	835	2 394	3 073	1 041	691	249	44.1
Nonmanufacturing industries	31	4 382	98	328	555	320	280	767	1 114	504	288	128	43.0
Transport equipment operatives	33	5 733	45	159	421	505	771	1 769	1 236	413	246	168	40.5
Laborers, except farm	236	16 510	619	992	1 953	1 316	1 249	3 296	3 966	1 450	897	772	41.5
Farmers and farm managers	17	3 045	14	52	261	243	187	588	797	311	295	297	47.2
Farm laborers and farm foremen	331	5 210	310	342	505	476	480	1 205	1 040	445	239	168	39.1
Paid farm laborers and farm foremen	162	3 495	230	191	370	384	347	767	641	307	166	92	37.9
Unpaid family workers	169	1 715	80	151	135	92	133	438	399	138	73	76	41.1
Service workers, except private household[1]	3 351	268 535	13 888	15 627	28 596	18 022	17 052	50 545	64 102	28 342	18 723	13 638	43.1
Cleaning service workers	239	38 867	778	511	1 037	1 343	1 605	6 281	11 814	6 670	5 099	3 729	51.7
Chambermaids and maids	48	9 076	294	147	431	434	441	1 548	2 588	1 438	1 043	712	49.8
Food service workers	1 662	109 676	10 022	6 982	7 970	6 467	6 884	22 120	27 068	11 346	6 417	4 400	42.5
Cooks, except private household	75	25 253	558	438	823	863	1 095	5 053	8 229	4 195	2 404	1 595	49.6
Waiters and food counter workers	1 105	59 509	7 448	5 243	5 851	4 591	4 546	12 063	12 169	4 159	2 140	1 299	36.7
Health service workers	243	53 876	1 698	4 247	8 824	4 593	3 851	10 387	10 932	4 687	2 948	1 709	38.6
Nursing aides, orderlies, and attendants	158	28 220	1 255	2 477	4 087	2 423	2 171	5 548	5 632	2 510	1 365	752	38.1
Practical nurses	22	16 883	27	581	2 855	1 460	1 103	3 274	3 870	1 650	1 271	792	42.4
Personal service workers	261	37 333	598	2 122	6 860	3 164	2 420	6 430	8 234	3 413	2 133	1 959	40.4
Hairdressers and cosmetologists	43	21 924	131	1 555	5 263	2 286	1 476	3 474	4 633	1 644	826	636	35.7
Private household workers	2 251	46 652	1 825	1 015	1 881	1 598	1 914	5 569	10 928	6 956	6 380	8 586	53.7
Private household workers, living in	–	3 568	–	49	167	171	224	251	640	511	532	1 023	57.8
Private household workers, living out	2 251	43 084	1 825	966	1 714	1 427	1 690	5 318	10 288	6 445	5 848	7 563	53.4

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

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

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

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

THE STATE—Continued

Negro

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	1 580	191 148	3 904	7 303	20 617	21 522	19 582	43 076	41 650	15 057	10 698	7 739	40.3
Professional, technical, and kindred workers	64	12 070	95	366	1 755	1 911	1 640	3 217	1 843	524	343	376	35.8
Engineers	–	636	–	9	101	90	73	182	138	39	–	4	37.5
Lawyers and judges	–	168	–	4	–	12	24	85	22	6	–	15	40.2
Life and physical scientists	–	340	5	–	27	34	58	155	33	7	4	17	38.0
Physicians, dentists, and related practitioners	–	577	–	–	10	28	49	195	133	47	33	82	45.5
Health workers, except practitioners	5	691	30	14	132	88	143	184	69	11	6	14	32.8
Social and recreation workers	5	703	–	17	108	132	59	228	90	53	8	8	36.6
Teachers	23	2 113	–	36	229	359	345	584	398	90	29	43	36.5
Technicians, except health	–	1 676	4	93	380	316	174	418	171	54	49	17	31.3
Writers, artists, and entertainers	3	834	5	62	155	134	132	205	80	18	34	9	32.3
Other professional, technical, and kindred workers	28	4 332	51	131	613	718	583	981	709	199	180	167	35.7
Managers and administrators, except farm	–	6 205	14	73	468	689	741	1 678	1 534	417	302	289	41.7
Salaried	–	5 147	5	65	431	616	657	1 450	1 228	320	199	176	40.5
Manufacturing	–	500	–	5	24	135	62	120	97	16	29	12	37.0
Retail trade	–	1 179	–	18	217	133	173	292	210	57	51	28	36.7
All other industries	–	3 468	5	42	190	348	422	1 038	921	247	119	136	42.0
Self-employed	–	1 058	9	8	37	73	84	228	306	97	103	113	47.9
Retail trade	–	574	5	–	21	59	35	125	140	50	61	78	48.0
All other industries	–	484	4	8	16	14	49	103	166	47	42	35	47.9
Sales workers	322	4 589	229	321	791	638	523	901	652	228	163	143	33.0
Manufacturing and wholesale trade	259	966	82	49	162	137	112	197	125	36	42	24	32.4
Retail trade	52	2 546	130	254	458	320	257	451	380	145	74	77	32.2
All other industries	11	1 077	17	18	171	181	154	253	147	47	47	42	34.9
Clerical and kindred workers	56	18 943	624	1 417	2 929	2 310	1 891	3 961	3 708	949	754	400	35.8
Bookkeepers and billing clerks	–	581	15	42	98	84	64	115	118	16	20	9	34.0
Mail handlers and postal clerks	5	4 798	32	194	569	494	363	1 239	1 364	279	166	98	41.0
Other clerical and kindred workers	51	13 564	577	1 181	2 262	1 732	1 464	2 607	2 226	654	568	293	33.5
Craftsmen and kindred workers	45	30 780	236	735	2 944	3 554	3 055	7 901	7 720	2 290	1 469	876	41.2
Carpenters	–	1 521	–	32	112	104	168	368	427	137	97	76	44.4
Construction craftsmen, except carpenters	–	5 484	14	66	361	553	559	1 380	1 599	471	278	203	43.6
Automobile mechanics, including body repairmen	6	3 056	43	86	290	369	371	717	726	232	150	72	40.1
Mechanics and repairmen, except auto	–	3 008	10	54	360	475	323	813	647	170	88	68	38.5
Machinists	5	952	6	37	165	146	99	234	207	33	25	–	36.0
Metal craftsmen, except mechanics and machinists	4	1 867	9	44	160	210	171	463	523	200	68	19	42.3
Foremen, n.e.c.	–	2 979	5	14	110	265	254	958	900	230	154	89	43.8
Other craftsmen and kindred workers	30	11 913	149	402	1 386	1 432	1 110	2 968	2 691	817	609	349	40.0
Operatives, except transport	233	37 384	540	1 460	4 541	4 781	4 441	7 906	8 126	2 895	1 881	813	38.7
Assemblers	4	1 698	36	109	375	259	220	323	224	87	41	24	31.6
Garage workers and gas station attendants	15	915	50	108	100	82	100	201	142	35	21	76	35.9
Laundry and drycleaning operatives, including ironers	4	1 801	43	79	128	100	163	402	440	196	156	94	44.6
Precision machine operatives	–	1 377	8	39	190	237	201	259	301	44	95	3	35.5
Other operatives, except transport	210	31 593	403	1 125	3 748	4 103	3 757	6 721	7 019	2 533	1 568	616	39.0
Durable goods, manufacturing	46	15 306	96	404	1 709	2 028	1 765	3 322	3 536	1 354	843	249	40.0
Nondurable goods, including not specified manufacturing	69	9 688	108	419	1 392	1 435	1 291	1 947	1 946	645	355	150	36.0
Nonmanufacturing industries	95	6 599	199	302	647	640	701	1 452	1 537	534	370	217	40.6
Transport equipment operatives	21	17 091	87	281	1 236	1 828	2 097	4 515	4 180	1 360	943	564	41.7
Truck drivers	–	7 034	5	27	416	637	923	1 953	1 944	592	388	149	42.7
Other transport equipment operatives	21	10 057	82	254	820	1 191	1 174	2 562	2 236	768	555	415	40.9
Laborers, except farm	362	28 446	790	1 126	2 971	2 671	2 202	5 960	6 667	2 885	1 971	1 203	42.5
Construction laborers	18	5 752	28	71	499	564	454	1 374	1 521	695	365	181	44.2
Freight, stock, and material handlers	110	8 455	450	474	1 006	839	655	1 678	1 793	799	458	303	39.8
Other laborers, except farm	234	14 239	312	581	1 466	1 268	1 093	2 908	3 353	1 391	1 148	719	43.3
Manufacturing industries	71	5 179	61	222	582	580	391	1 041	1 229	480	449	144	42.2
Farmers and farm managers	5	546	–	4	60	67	87	91	102	58	34	43	41.0
Farm laborers and farm foremen	26	1 002	23	70	130	77	51	188	186	119	77	81	43.0
Service workers, except private household	426	33 432	1 258	1 441	2 787	2 972	2 836	6 675	6 840	3 254	2 635	2 734	43.1
Cleaning service workers	90	12 925	319	411	747	751	778	2 385	3 115	1 623	1 371	1 425	48.4
Food service workers	106	5 991	639	509	551	486	480	1 046	1 057	524	370	329	38.2
Health service workers	6	1 905	87	141	275	206	168	400	360	161	72	35	36.9
Personal service workers	12	2 201	81	47	151	138	180	401	498	212	211	282	47.1
Protective service workers	12	4 922	–	20	419	827	619	1 361	786	297	265	328	39.2
Private household workers	20	660	8	9	5	24	18	83	92	78	126	217	60.5
Female employed	793	157 821	2 670	7 131	20 913	17 546	15 872	35 453	32 302	11 778	7 852	6 304	39.2
Professional, technical, and kindred workers	52	15 566	78	311	2 279	2 370	1 929	4 048	2 819	913	452	367	37.0
Registered nurses	6	2 474	7	31	251	267	363	692	539	207	62	55	39.6
Health workers, except nurses	–	1 686	11	63	282	343	272	369	215	62	31	38	32.6
Teachers, elementary and secondary schools	6	4 814	–	15	672	806	564	1 382	821	296	180	78	37.5
Technicians, except health	–	335	7	11	69	60	42	99	29	18	–	–	32.4
Other professional, technical, and kindred workers	40	6 257	53	191	1 005	894	688	1 506	1 215	330	179	196	37.0
Managers and administrators, except farm	–	2 268	–	17	178	220	317	661	591	115	115	54	41.1
Salaried	–	1 951	–	17	174	209	299	580	505	95	58	14	39.8
Self-employed	–	317	–	–	4	11	18	81	86	20	57	40	50.2
Sales workers	81	5 014	299	393	549	606	552	1 147	869	358	165	76	35.9
Retail trade	68	4 366	269	320	448	527	495	1 024	764	301	146	72	36.2
Clerical and kindred workers	235	41 870	1 185	4 068	10 058	6 241	4 878	8 217	5 163	1 144	611	305	29.5
Bookkeepers and cashiers	31	4 401	182	376	821	583	555	946	728	132	54	24	32.1
Office machine operators	15	3 223	45	232	951	744	512	495	208	19	13	4	27.6
Secretaries, stenographers, and typists	30	10 894	320	1 194	3 378	1 829	1 273	1 705	876	195	88	36	26.5
Other clerical and kindred workers	159	23 352	638	2 266	4 908	3 085	2 538	5 071	3 351	798	456	241	31.5
Craftsmen and kindred workers	11	2 222	27	51	256	205	220	616	572	118	126	31	40.7
Operatives, except transport	130	30 930	238	782	3 447	3 529	3 209	8 031	7 420	2 299	1 282	693	40.3
Sewers and stitchers	6	7 745	40	103	557	804	633	2 189	2 243	653	368	155	42.9
Laundry and drycleaning operatives, including ironers	–	4 006	28	66	164	222	301	1 191	1 155	450	298	131	45.3
Other operatives, except transport	124	19 179	170	613	2 726	2 503	2 275	4 651	4 022	1 196	616	407	37.8
Durable goods, manufacturing	48	5 984	24	225	1 098	973	723	1 453	1 014	280	127	67	34.6
Nondurable goods, including not specified manufacturing	34	9 508	60	244	1 225	1 159	1 164	2 357	2 178	560	334	227	38.8
Nonmanufacturing industries	42	3 687	86	144	403	371	388	841	830	356	155	113	40.4
Transport equipment operatives	–	354	–	–	23	21	33	91	95	43	17	31	45.9
Laborers, except farm	15	1 824	29	100	218	168	207	406	371	143	90	92	39.7
Farmers and farm managers	–	469	–	10	55	94	42	120	91	25	27	5	37.8
Farm laborers and farm foremen	–	421	–	2	71	65	27	74	121	42	19	–	41.1
Service workers, except private household[1]	195	37 461	771	1 312	3 328	3 341	3 490	9 150	8 817	3 461	2 297	1 494	42.1
Cleaning service workers	19	7 657	53	58	143	328	477	1 532	2 518	1 180	835	533	49.9
Food service workers	16	7 574	374	423	654	629	635	1 871	1 758	646	354	230	40.7
Health service workers	20	11 821	170	506	1 339	1 415	1 353	3 267	2 254	829	428	260	38.5
Practical nurses	–	4 122	7	16	273	425	420	1 299	951	362	226	143	42.1
Personal service workers	14	3 750	69	65	243	214	330	1 022	910	394	298	205	44.3
Protective service workers	–	561	–	–	36	76	81	153	142	27	20	26	40.7
Private household workers	74	19 422	43	85	451	686	968	2 892	5 373	3 117	2 651	3 156	53.5

[1]Includes allocated cases not shown separately.

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

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

THE STATE—Continued

Persons of Puerto Rican Birth or Parentage

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	86	8 101	248	396	1 477	1 366	1 190	2 071	901	272	99	81	32.4
Professional, technical, and kindred workers	–	323	6	–	61	77	64	71	27	–	7	10	31.4
Engineers	–	39	–	–	5	–	22	–	12	–	–	–	...
Lawyers and judges	–	7	–	–	–	–	–	7	–	–	–	–	...
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	–	18	–	–	–	7	–	11	–	–	–	–	...
Health workers, except practitioners	–	12	–	–	–	–	6	–	6	–	–	–	...
Social and recreation workers	–	13	–	–	6	–	–	7	–	–	–	–	...
Teachers	–	78	–	–	19	28	7	14	–	–	–	10	...
Technicians, except health	–	24	–	–	–	18	–	6	–	–	–	–	...
Writers, artists, and entertainers	–	37	6	–	18	–	7	6	–	–	–	–	...
Other professional, technical, and kindred workers	–	95	–	–	13	24	22	20	9	–	7	–	...
Managers and administrators, except farm	–	113	–	–	21	8	14	54	16	–	–	–	37.5
Salaried	–	94	–	–	21	8	14	35	16	–	–	–	...
Manufacturing	–	20	–	–	14	–	–	–	6	–	–	–	...
Retail trade	–	44	–	–	–	8	14	22	–	–	–	–	...
All other industries	–	30	–	–	7	–	–	13	10	–	–	–	...
Self-employed	–	19	–	–	–	–	–	19	–	–	–	–	...
Retail trade	–	12	–	–	–	–	–	12	–	–	–	–	...
All other industries	–	7	–	–	–	–	–	7	–	–	–	–	...
Sales workers	9	298	–	13	55	28	47	94	43	18	–	–	35.6
Manufacturing and wholesale trade	–	37	–	–	5	14	6	6	6	–	–	–	...
Retail trade	9	214	–	13	27	14	41	71	30	18	–	–	36.7
All other industries	–	47	–	–	23	–	–	17	7	–	–	–	...
Clerical and kindred workers	6	393	56	22	119	61	18	58	29	14	16	–	25.0
Bookkeepers and billing clerks	–	13	–	–	–	–	–	6	–	7	–	–	...
Mail handlers and postal clerks	–	16	–	–	16	–	–	–	–	–	–	–	...
Other clerical and kindred workers	6	364	56	22	103	61	18	52	29	7	16	–	25.1
Craftsmen and kindred workers	–	1 160	7	33	218	171	153	398	124	48	–	8	34.9
Carpenters	–	66	–	–	28	24	–	6	8	–	–	–	...
Construction craftsmen, except carpenters	–	170	7	6	27	8	41	50	9	22	–	–	34.5
Automobile mechanics, including body repairmen	–	141	–	13	20	7	36	42	16	7	–	–	34.2
Mechanics and repairmen, except auto	–	146	–	–	35	12	12	65	22	–	–	–	37.2
Machinists	–	48	–	–	6	16	12	8	–	6	–	–	...
Metal craftsmen, except mechanics and machinists	–	88	–	–	20	8	6	39	15	–	–	–	...
Foremen, n.e.c.	–	133	–	–	7	29	16	60	21	–	–	–	37.4
Other craftsmen and kindred workers	–	368	–	14	75	67	30	128	33	13	–	8	34.7
Operatives, except transport	47	2 960	65	191	519	605	463	715	300	57	31	14	31.1
Assemblers	–	211	9	6	34	37	48	42	35	–	–	–	32.0
Garage workers and gas station attendants	4	22	–	–	–	16	6	–	–	–	–	–	...
Laundry and drycleaning operatives, including ironers	–	114	6	–	25	19	34	30	–	–	–	–	31.0
Precision machine operatives	–	108	–	11	6	22	16	40	13	–	–	–	34.7
Other operatives, except transport	43	2 505	50	174	454	511	359	603	252	57	31	14	30.9
Durable goods, manufacturing	31	1 139	–	45	228	206	199	339	114	4	4	–	32.3
Nondurable goods, including not specified manufacturing	12	1 086	36	97	183	274	133	183	116	44	13	7	29.1
Nonmanufacturing industries	–	280	14	32	43	31	27	81	22	9	14	7	33.7
Transport equipment operatives	–	340	6	9	59	35	80	82	30	13	7	19	33.8
Truck drivers	–	168	–	–	22	28	50	44	7	13	–	4	33.4
Other transport equipment operatives	–	172	6	9	37	7	30	38	23	–	7	15	34.5
Laborers, except farm	13	1 073	48	80	191	184	154	211	122	58	7	18	31.1
Construction laborers	–	179	–	9	16	27	47	37	37	–	–	6	34.0
Freight, stock, and material handlers	–	249	35	20	46	69	27	45	–	7	–	–	26.7
Other laborers, except farm	13	645	13	51	129	88	80	129	85	51	7	12	32.6
Manufacturing industries	6	374	13	21	76	50	54	77	55	22	–	6	32.5
Farmers and farm managers	–	6	–	–	–	–	–	6	–	–	–	–	...
Farm laborers and farm foremen	–	367	7	7	88	88	61	39	52	25	–	–	29.6
Service workers, except private household[1]	11	1 060	53	41	146	109	136	335	158	39	31	12	36.3
Cleaning service workers	–	280	16	5	42	6	39	86	49	18	7	12	38.7
Food service workers	5	545	27	36	59	70	85	185	74	9	–	–	34.7
Health service workers	–	23	10	–	–	–	–	8	5	–	–	–	...
Personal service workers	–	73	–	–	12	5	6	26	24	–	–	–	...
Protective service workers	–	51	–	–	17	14	6	8	–	6	–	–	...
Private household workers	–	8	–	–	–	–	–	8	–	–	–	–	...
Female employed	46	3 311	174	203	767	459	457	796	311	103	21	20	30.6
Professional, technical, and kindred workers	–	307	–	–	87	42	37	83	22	22	14	–	33.3
Registered nurses	–	26	–	–	5	–	–	21	–	–	–	–	...
Health workers, except nurses	–	63	–	–	7	20	6	23	7	–	–	–	...
Teachers, elementary and secondary schools	–	79	–	–	24	9	–	6	10	22	8	–	...
Technicians, except health	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	–	139	–	–	51	13	31	33	5	–	6	–	30.9
Managers and administrators, except farm	–	57	–	–	18	5	5	24	5	–	–	–	...
Salaried	–	40	–	–	18	5	5	7	5	–	–	–	...
Self-employed	–	17	–	–	–	–	–	17	–	–	–	–	...
Sales workers	–	95	14	6	16	–	9	24	11	15	–	–	...
Retail trade	–	77	7	6	16	–	9	13	11	15	–	–	...
Clerical and kindred workers	15	481	19	78	156	66	45	60	43	14	–	–	24.6
Bookkeepers and cashiers	–	41	–	7	18	2	8	6	–	–	–	–	...
Office machine operators	–	25	–	13	–	12	–	–	–	–	–	–	...
Secretaries, stenographers, and typists	–	146	5	14	65	6	6	22	21	7	–	–	24.2
Other clerical and kindred workers	15	269	14	44	73	46	31	32	22	7	–	–	25.4
Craftsmen and kindred workers	–	104	–	17	44	–	11	17	8	7	–	–	24.0
Operatives, except transport	15	1 824	83	49	376	312	305	469	176	40	–	14	31.5
Sewers and stitchers	–	838	23	18	163	126	191	242	68	–	–	7	32.3
Laundry and drycleaning operatives, including ironers	–	90	–	16	19	8	12	15	20	–	–	–	...
Other operatives, except transport	15	896	60	15	194	178	102	212	88	40	–	7	30.0
Durable goods, manufacturing	–	233	10	7	54	36	36	57	12	21	–	–	31.3
Nondurable goods, including not specified manufacturing	10	573	50	8	129	106	53	149	59	19	–	–	29.7
Nonmanufacturing industries	5	90	–	–	11	36	13	6	17	–	–	7	...
Transport equipment operatives	–	10	–	–	5	–	–	5	–	–	–	–	...
Laborers, except farm	–	36	6	–	–	–	–	19	4	–	7	–	...
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	8	15	–	–	–	–	–	15	–	–	–	–	...
Service workers, except private household[1]	–	351	47	53	65	29	45	65	36	5	–	6	26.8
Cleaning service workers	–	53	8	–	8	–	7	7	18	5	–	–	...
Food service workers	–	92	10	7	7	9	12	29	12	–	–	6	...
Health service workers	–	53	8	14	17	7	7	–	–	–	–	–	...
Practical nurses	–	–	–	–	–	–	–	–	–	–	–	–	–
Personal service workers	–	117	14	32	16	13	13	29	–	–	–	–	23.9
Protective service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Private household workers	8	31	5	–	–	5	–	15	6	–	–	–	...

[1]Includes allocated cases not shown separately.

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

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

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

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

Total

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	1 478	142 679	3 393	4 679	13 154	15 289	13 699	30 357	33 073	13 630	9 608	5 797	42.0
Professional, technical, and kindred workers	6	18 549	62	269	2 161	3 068	2 595	4 397	3 423	1 136	903	535	37.5
Accountants	–	1 417	–	–	203	258	189	226	247	136	93	65	37.6
Architects	–	62	–	–	–	3	5	25	10	5	4	10	...
Computer specialists	–	549	–	–	130	127	134	112	34	6	6	–	30.7
Engineers	–	3 333	6	7	300	514	490	945	698	162	153	58	38.7
Aeronautical and astronautical	–	11	–	–	6	5	–	–	–	–	–	–	...
Civil	–	358	–	–	33	40	43	113	84	5	15	25	40.6
Electrical and electronic	–	789	–	–	86	150	161	202	101	48	29	12	34.9
Mechanical	–	495	–	–	34	44	78	168	134	11	20	6	40.4
Other engineers	–	1 680	6	7	141	275	208	462	379	98	89	15	39.4
Lawyers and judges	–	396	–	–	–	24	50	91	105	40	59	27	48.1
Life and physical scientists	–	533	–	7	32	88	63	89	156	56	32	10	43.6
Chemists	–	403	–	7	25	70	31	68	125	47	20	10	45.0
Physicians, dentists, and related practitioners	–	1 377	–	6	10	50	188	428	308	145	87	155	45.2
Dentists	–	258	–	–	–	16	35	67	57	30	18	35	46.9
Pharmacists	–	211	–	6	6	10	41	82	26	20	15	5	40.2
Physicians, medical and osteopathic	–	727	–	–	4	20	95	214	177	90	47	80	46.7
Other related practitioners	–	181	–	–	–	4	17	65	48	5	7	35	45.9
Health technologists and technicians	–	146	–	11	30	32	14	14	29	6	10	–	30.0
Religious workers	–	581	–	–	–	49	89	182	86	69	61	45	43.4
Social scientists	–	145	–	–	11	39	15	33	16	22	9	–	37.3
Social and recreation workers	6	165	–	–	19	34	43	48	15	6	–	–	33.4
Teachers	–	3 627	17	34	527	827	513	727	606	153	157	66	34.0
College and university	–	1 079	–	17	99	249	188	264	169	46	42	5	34.6
Elementary and prekindergarten	–	605	–	–	121	160	66	116	85	29	11	17	31.6
Secondary	–	1 770	–	–	302	403	247	319	303	73	88	35	33.6
Engineering and science technicians	–	2 965	16	100	542	559	378	664	436	169	79	22	33.5
Draftsmen and surveyors	–	1 654	12	62	326	304	222	423	178	66	44	17	32.8
Electrical and electronic engineering technicians	–	314	–	17	70	77	33	49	41	16	11	–	29.5
Technicians, except health, and engineering and science	–	241	10	–	22	31	26	65	66	–	5	16	39.8
Airplane pilots	–	102	–	–	5	20	11	18	48	–	–	–	43.3
Writers, artists, and entertainers	–	1 047	13	32	126	162	144	220	191	41	79	39	37.1
Other professional, technical, and kindred workers	–	1 965	–	72	209	271	254	528	420	120	69	22	38.3
Managers and administrators, except farm	–	12 750	17	71	503	1 011	1 296	3 346	3 404	1 380	1 069	653	45.4
Buyers, purchasing agents, and sales managers	–	1 834	4	–	113	221	158	637	378	160	119	44	41.6
School administrators	–	382	–	–	–	4	85	76	129	48	35	5	47.0
Specified managers and administrators, public administration	–	529	–	–	4	26	15	58	194	127	82	23	53.3
Other specified managers and administrators	–	2 246	4	40	150	223	207	547	514	195	218	148	44.1
Managers and administrators, n.e.c., salaried	–	6 083	9	31	190	490	682	1 687	1 691	596	438	269	44.7
Manufacturing	–	2 388	5	5	45	134	271	662	699	285	194	88	46.0
Wholesale and retail trade	–	1 696	–	9	110	227	212	405	422	145	67	99	42.2
Transportation, communications, and other public utilities	–	549	–	–	8	38	23	169	197	42	52	20	46.9
All other industries	–	1 450	4	17	27	91	176	451	373	124	125	62	44.1
Managers and administrators, n.e.c., self-employed	–	1 676	–	–	46	47	149	341	498	254	177	164	50.1
Construction	–	360	–	–	10	20	60	62	93	58	25	32	48.0
Manufacturing	–	184	–	–	4	–	26	47	58	24	–	25	47.6
Wholesale and retail trade	–	865	–	–	18	23	59	177	259	126	123	80	51.0
All other industries	–	267	–	–	14	4	4	55	88	46	29	27	51.4
Sales workers	708	8 379	411	292	599	945	772	1 573	1 865	825	507	590	42.4
Insurance agents, brokers, and underwriters	15	939	–	5	76	120	90	214	210	93	82	49	43.3
Real estate agents and brokers	–	273	–	–	15	18	22	36	75	37	4	66	51.1
Sales representatives, manufacturing industries	–	1 098	5	11	51	199	128	256	268	82	56	42	41.1
Sales representatives, wholesale trade	–	1 508	5	8	76	162	164	333	431	158	98	73	45.1
Sales clerks, retail trade	20	2 192	114	172	202	217	183	336	421	217	128	202	41.2
Salesmen, retail trade	–	1 011	29	13	94	103	88	170	225	139	55	95	45.4
Salesmen of services and construction	–	304	16	8	23	32	25	63	64	33	18	22	42.6
Other sales workers	673	1 054	242	75	62	94	72	165	171	66	66	41	33.8
Clerical and kindred workers	19	11 770	192	512	1 393	1 400	1 084	2 304	2 653	1 030	763	439	40.7
Bank tellers and cashiers	6	553	73	77	61	45	56	36	91	54	27	33	31.8
Bookkeepers and billing clerks	–	1 369	–	25	173	191	84	201	339	160	92	104	45.3
Mail handlers and postal clerks	–	1 276	12	17	85	110	133	397	398	73	42	9	42.1
Other clerical and kindred workers	13	8 572	107	393	1 074	1 054	811	1 670	1 825	743	602	293	40.1
Craftsmen and kindred workers	42	33 506	238	616	2 610	3 388	3 219	7 720	9 004	3 399	2 425	887	43.7
Apparel craftsmen and upholsterers	–	420	7	4	31	32	29	154	45	50	46	22	41.9
Bakers	17	264	12	6	28	17	20	65	54	29	33	–	42.5
Cabinetmakers	–	155	–	4	20	12	19	44	26	10	–	20	40.1
Construction craftsmen	7	7 954	38	156	660	807	750	1 930	1 983	798	576	256	43.1
Carpenters	7	2 328	5	71	203	199	136	522	681	258	178	75	45.4
Excavating, grading, and road machine operators	–	609	5	10	33	57	93	157	162	44	42	6	41.8
Electricians	–	1 553	–	15	135	227	145	395	391	118	77	50	41.4
Masons and tile setters	–	622	6	–	68	67	49	186	158	51	23	14	41.5
Painters, construction and maintenance, and paperhangers	–	804	5	43	50	79	85	154	132	99	110	47	44.1
Plasterers and cement finishers	–	258	–	–	23	18	54	78	49	14	15	7	39.4
Plumbers and pipe fitters	–	1 120	5	11	61	87	112	255	304	153	86	46	46.0
Other construction craftsmen	–	660	12	6	87	73	76	183	106	61	45	11	39.2
Foremen, n.e.c.	–	5 524	3	10	82	394	520	1 351	1 934	651	452	127	47.1
Manufacturing	–	4 047	3	5	63	254	348	989	1 499	494	305	87	47.4
Nonmanufacturing industries	–	1 477	–	5	19	140	172	362	435	157	147	40	45.9
Linemen and servicemen, telephone and power	–	1 094	–	5	208	241	125	300	152	23	25	15	33.7
Locomotive engineers and firemen	–	227	–	–	–	–	7	27	108	41	36	8	52.4
Mechanics and repairmen	5	7 950	137	251	823	940	852	1 800	1 867	670	432	178	40.4
Air conditioning, heating, and refrigeration	–	392	6	–	18	49	43	131	92	31	10	12	41.1
Aircraft	–	51	–	–	–	10	15	5	21	–	–	–	...
Automobile, including body	5	2 793	93	150	363	349	294	624	524	214	124	58	37.4
Radio and television	–	353	4	6	61	80	42	57	64	10	13	16	33.0
Other mechanics and repairmen	–	4 361	34	95	381	452	458	983	1 166	415	285	92	42.7
Metal craftsmen, except mechanics	–	3 469	10	46	217	291	246	691	1 218	361	333	56	46.9
Machinists and job and die setters	–	1 108	5	46	102	96	104	209	338	89	104	15	44.6
Sheetmetal workers and tinsmiths	–	390	5	–	20	58	14	120	133	25	10	5	43.2
Tool and die makers	–	364	–	–	21	45	38	66	123	41	25	5	46.0
Other metal craftsmen	–	1 607	–	–	74	92	90	296	624	206	194	31	49.0
Printing craftsmen	–	1 463	6	24	166	267	160	333	271	135	72	29	38.3
Compositors and typesetters	–	768	–	9	97	112	94	150	162	86	43	15	39.8
Pressmen and plate printers, printing	–	544	6	12	69	117	45	140	69	49	23	14	36.6
Stationary engineers and power station operators	–	482	–	–	4	13	53	92	111	132	49	28	52.1
Other craftsmen and kindred workers	13	4 504	25	110	371	374	438	933	1 235	499	371	148	45.0

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
ALLENTOWN–BETHLEHEM–EASTON, PA.–N.J., SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	163	25 811	804	1 188	2 677	2 678	2 239	4 986	6 118	2 851	1 598	672	41.7
Assemblers	–	2 125	34	65	236	336	267	462	450	180	70	25	37.7
Checkers, examiners, and inspectors, manufacturing	–	1 270	–	41	97	106	71	303	369	138	126	19	45.5
Garage workers and gas station attendants	62	944	286	194	93	43	18	76	116	19	32	67	19.9
Laundry and drycleaning operatives, n.e.c	–	135	19	10	26	3	5	18	26	10	14	4	37.5
Meat cutters and butchers	–	565	11	9	46	70	62	101	113	94	43	16	43.4
Mine operatives, n.e.c	–	269	–	8	34	22	35	19	78	36	21	16	47.1
Packers and wrappers, except produce	4	987	97	89	95	113	71	137	171	105	46	63	37.1
Painters, manufactured articles	–	386	14	29	12	63	26	67	111	29	31	4	42.3
Precision machine operatives	4	2 114	7	26	210	252	253	356	609	242	118	41	43.7
Sawyers	–	272	7	6	20	18	31	38	78	46	20	8	47.1
Stationary firemen	–	567	–	5	10	34	28	110	150	129	77	24	51.4
Textile operatives	6	1 163	26	46	147	101	83	199	200	155	147	59	44.0
Welders and flamecutters	–	2 013	5	5	241	161	204	482	541	268	92	14	43.1
Other metalworking operatives	4	1 443	18	60	144	92	102	252	466	194	83	32	46.1
Other specified operatives	77	4 311	109	240	435	502	389	866	869	473	259	169	40.5
Miscellaneous and not specified operatives	6	7 247	171	355	831	762	594	1 500	1 771	733	419	111	41.1
Occupation:													
Machine operatives, miscellaneous specified	–	2 940	23	128	320	310	236	732	751	277	148	15	41.2
Machine operatives, not specified	–	1 239	–	96	181	147	131	222	253	114	72	23	37.9
Miscellaneous operatives	6	1 654	48	74	207	177	137	308	341	210	102	50	41.0
Not specified operatives	–	1 414	100	57	123	128	90	238	426	132	97	23	43.8
Industry:													
Manufacturing	6	6 635	155	310	781	694	543	1 365	1 628	685	378	96	41.1
Durable goods	–	4 049	37	154	380	383	271	867	1 186	469	249	53	44.2
Wood products, including furniture	–	86	–	11	5	–	15	12	19	11	8	5	...
Primary metal industries	–	1 355	–	32	116	141	71	239	480	165	107	4	46.6
Fabricated metal industries	–	449	–	11	16	63	29	69	163	65	33	–	47.2
Machinery, including electrical	–	1 094	14	48	163	113	75	326	229	78	30	18	39.1
Motor vehicles and equipment	–	164	–	–	11	16	21	24	68	15	9	–	46.5
Transportation equipment, except motor vehicles	–	5	–	–	5	–	–	–	–	–	–	–	...
Other durable goods	–	896	23	52	64	50	60	197	227	135	62	26	45.1
Nondurable goods	6	2 553	118	156	395	311	272	486	437	216	123	39	35.5
Food and kindred products	6	540	6	22	56	77	81	156	89	33	14	6	36.8
Apparel and other fabricated textile products	–	460	90	27	87	65	5	57	63	20	28	18	27.0
Paper and allied products	–	532	11	44	99	39	50	99	97	61	27	5	37.3
Chemicals and allied products	–	566	–	16	91	65	64	119	111	52	38	10	38.9
Other nondurable goods	–	455	11	47	62	65	72	55	77	50	16	–	33.0
Not specified manufacturing industries	–	33	–	–	6	–	–	12	5	–	6	4	...
Nonmanufacturing industries	–	612	16	45	50	68	51	135	143	48	41	15	40.6
Transportation, communications, and other public utilities	–	142	–	4	4	10	13	60	40	5	6	–	41.7
Wholesale and retail trade	–	273	–	26	14	48	28	46	61	32	14	4	39.5
All other industries	–	197	16	15	32	10	10	29	42	11	21	11	40.3
Transport equipment operatives	28	8 724	77	172	777	1 031	1 017	2 133	2 031	674	544	268	41.0
Bus drivers	–	311	–	–	5	23	10	61	47	79	61	25	55.6
Taxicab drivers and chauffeurs	–	175	–	–	16	33	12	21	4	10	38	41	55.8
Truck drivers and deliverymen	28	6 453	47	83	616	748	827	1 688	1 524	427	331	162	40.4
Other transport equipment operatives	–	1 785	30	89	140	227	168	363	456	158	114	40	41.6
Laborers, except farm	182	10 044	715	861	1 408	914	757	1 778	1 936	868	533	274	37.1
Construction laborers	12	1 724	45	90	266	199	127	325	387	147	87	51	39.2
Freight, stock, and material handlers	59	3 431	420	381	509	269	229	604	585	242	127	65	33.0
Other specified laborers	93	1 653	179	195	171	119	159	224	254	143	117	92	35.2
Miscellaneous and not specified laborers	18	3 236	71	195	462	327	242	625	710	336	202	66	40.1
Occupation:													
Miscellaneous laborers	5	1 324	6	56	202	138	68	281	338	150	75	10	41.8
Not specified laborers	13	1 912	65	139	260	189	174	344	372	186	127	56	38.8
Industry:													
Manufacturing	4	2 525	42	158	362	271	206	498	552	268	142	26	39.5
Durable goods	4	2 199	5	145	287	233	185	439	517	244	118	26	40.6
Wood products, including furniture	–	27	–	–	5	–	6	–	–	–	5	11	...
Metal industries	4	1 654	–	92	242	181	128	358	404	165	75	9	40.1
Machinery, including electrical	–	157	–	21	15	19	9	36	30	18	9	–	39.0
Transportation equipment	–	32	–	–	4	6	–	–	16	–	6	–	...
Other durable goods	–	329	5	32	21	27	42	45	67	61	23	6	43.3
Nondurable goods	–	320	37	13	69	38	21	59	35	24	24	–	30.7
Food and kindred products	–	76	14	–	9	16	–	18	5	9	5	–	...
Not specified manufacturing industries	–	6	–	–	6	–	–	–	–	–	–	–	...
Nonmanufacturing industries	14	711	29	37	100	56	36	127	158	68	60	40	42.7
Railroads and railway express service	–	163	–	–	16	9	12	34	43	19	30	–	47.4
Transportation, except railroads	–	28	–	–	5	5	5	–	10	3	–	–	...
Communications, and utilities and sanitary services	–	145	–	10	35	8	–	29	45	5	8	5	41.7
Wholesale and retail trade	–	150	17	5	10	24	9	28	14	21	17	5	38.6
All other industries	14	225	12	22	34	10	10	36	46	20	5	30	41.8
Farmers and farm managers	6	1 273	–	14	52	50	83	219	380	160	123	192	50.8
Farm laborers and farm foremen	96	1 065	176	103	114	84	70	203	154	77	30	54	34.0
Paid farm laborers and farm foremen	90	943	155	80	97	67	66	184	154	73	23	44	35.4
Unpaid family workers	6	122	21	23	17	17	4	19	–	4	7	10	25.0
Service workers, except private household[1]	223	10 744	690	570	855	720	567	1 693	2 100	1 219	1 106	1 224	46.3
Cleaning service workers	29	4 129	212	138	213	203	164	490	924	646	591	548	52.0
Food service workers	123	2 491	401	250	231	138	104	239	516	264	146	202	40.1
Cooks, except private household	21	780	62	82	71	68	38	137	182	66	42	32	40.0
Busboys and dishwashers	70	422	208	53	44	–	12	13	25	11	13	43	18.1
Health service workers	–	288	14	53	71	39	23	41	22	2	9	14	25.8
Personal service workers	26	950	44	25	90	88	59	176	136	93	79	160	44.6
Protective service workers	–	2 247	–	9	132	211	177	654	416	176	229	243	44.1
Firemen, fire protection	–	359	–	–	5	22	20	159	80	21	37	15	43.3
Guards and watchmen	–	908	–	4	73	49	30	123	177	135	157	160	54.9
Policemen and detectives	–	897	–	5	54	140	127	363	150	20	14	24	38.4
Private household workers	5	64	11	11	5	–	–	5	5	11	7	9	...

[1]Includes allocated cases not shown separately.

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

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

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

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

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	425	87 255	2 461	4 519	11 340	7 205	6 602	17 699	20 783	8 117	5 066	3 463	41.5
Professional, technical, and kindred workers	26	10 346	72	151	1 936	1 580	1 053	1 846	1 863	963	544	338	37.1
Accountants	–	249	6	26	48	34	23	39	31	32	5	5	32.3
Computer specialists	–	83	–	4	58	14	–	7	–	–	–	–	...
Librarians	–	183	4	9	15	38	4	18	48	31	16	–	45.7
Mathematical specialists	–	19	–	–	5	–	–	4	5	–	–	5	...
Life and physical scientists	–	68	–	–	15	21	6	22	4	–	–	–	...
Registered nurses, dietitians, and therapists	–	2 797	–	15	458	383	340	714	547	196	99	45	37.8
Dietitians	–	42	–	–	4	5	–	23	10	–	–	–	...
Registered nurses	–	2 645	–	6	420	369	324	677	520	190	94	45	38.0
Health technologists and technicians	–	404	5	22	129	59	60	35	62	20	5	7	28.9
Social scientists	–	38	–	–	–	6	6	17	5	–	4	–	...
Social and recreation workers	16	266	–	10	57	67	16	30	51	26	5	4	29.9
Teachers: College and university	–	308	6	–	32	56	34	59	68	19	13	21	39.4
Elementary and prekindergarten	5	2 908	–	4	592	464	235	389	465	399	269	91	39.1
Secondary	5	1 094	–	–	239	189	106	138	194	122	49	57	35.9
Other teachers	–	353	29	–	16	72	36	74	80	12	16	18	38.2
Engineering and science technicians	–	180	4	9	54	5	15	56	22	–	15	–	35.5
Technicians, except health, and engineering and science	–	22	–	–	–	–	5	6	11	–	–	–	...
Writers, artists, and entertainers	–	443	12	38	53	76	56	100	63	20	4	21	33.8
Actors and dancers	–	12	–	–	7	–	–	–	5	–	–	–	...
Authors, editors, and reporters	–	152	–	12	19	30	14	29	28	10	–	10	35.3
Other professional, technical, and kindred workers	–	931	6	14	165	96	111	138	207	86	44	64	40.3
Managers and administrators, except farm	8	1 913	–	15	88	108	88	380	612	302	127	193	49.5
Buyers, purchasing agents, and sales managers	–	410	–	10	30	24	25	90	134	68	4	25	46.9
Restaurant, cafeteria, and bar managers	–	221	–	–	10	5	8	52	75	33	23	15	49.7
School administrators	–	110	–	–	–	–	11	48	14	19	11	7	44.2
Other specified managers and administrators	–	288	–	5	20	20	12	65	87	36	19	24	47.5
Managers and administrators, n.e.c., salaried	8	571	–	–	23	55	26	77	239	84	24	43	49.4
Wholesale and retail trade	–	207	–	–	12	27	4	25	96	23	8	12	48.7
Managers and administrators, n.e.c., self-employed	–	313	–	–	5	4	6	48	63	62	46	79	57.5
Wholesale and retail trade	–	197	–	–	–	–	6	32	49	33	36	41	56.7
Sales workers	66	5 968	458	423	612	310	335	1 153	1 456	522	394	305	42.3
Demonstrators, hucksters, and peddlers	–	223	5	10	37	16	25	54	36	18	14	8	38.4
Insurance, real estate agents, and brokers	–	138	6	–	–	10	11	41	37	9	11	13	45.3
Sales clerks, retail trade	39	4 808	411	347	456	263	260	887	1 207	427	286	264	42.5
Salesmen, retail trade	–	151	6	5	16	4	5	43	25	33	14	–	44.2
Other sales workers	27	648	30	61	103	17	34	128	151	35	69	20	41.2
Clerical and kindred workers	74	23 435	652	2 007	4 806	2 139	1 834	4 645	4 379	1 525	948	500	35.6
Bank tellers	–	612	5	64	137	57	70	118	127	5	18	11	33.1
Bookkeepers	–	2 966	45	109	486	259	236	677	628	275	172	79	40.1
Cashiers	10	1 539	177	168	189	129	100	294	289	95	71	27	35.2
Counter clerks, except food	4	215	9	16	36	23	19	39	39	14	12	8	36.2
Enumerators and interviewers	–	33	–	–	–	6	6	6	4	11	–	–	...
File clerks	–	658	44	122	137	27	29	70	109	68	24	28	29.8
Office machine operators	–	1 091	9	191	364	141	76	157	105	30	18	–	24.7
Bookkeeping and billing machine operators	–	150	–	18	67	14	6	17	24	4	–	–	24.3
Keypunch operators	–	722	9	148	241	118	55	86	46	19	–	–	24.2
Payroll and timekeeping clerks	–	416	11	22	49	54	51	107	86	28	5	3	37.0
Receptionists	–	519	13	95	192	6	15	69	67	30	17	15	23.9
Secretaries	–	6 938	72	530	1 570	683	577	1 301	1 393	424	276	112	35.3
Stenographers	–	308	5	18	132	17	23	29	58	18	8	–	25.0
Telephone operators	–	724	6	47	71	36	60	238	138	46	59	23	41.0
Typists	–	2 582	132	267	571	259	251	433	468	99	65	37	31.2
Other clerical and kindred workers	60	4 834	124	358	872	442	321	1 107	868	382	203	157	37.7
Craftsmen and kindred workers	–	1 639	20	47	168	139	92	288	544	144	117	80	46.2
Foremen, n.e.c.	–	626	–	–	28	34	34	130	266	90	29	15	48.3
Operatives, except transport	53	28 681	472	966	2 180	2 025	2 179	6 737	8 481	3 089	1 695	857	44.7
Assemblers	–	2 125	5	144	226	254	177	509	621	119	58	12	40.0
Bottling and canning operatives	–	45	–	6	9	7	–	10	13	–	–	–	...
Checkers, examiners, and inspectors; manufacturing	–	1 503	6	52	128	132	85	343	499	142	101	15	45.1
Dressmakers and seamstresses, except factory	–	267	9	–	27	20	4	33	50	35	43	46	53.1
Laundry and dry cleaning operatives, including ironers	–	1 353	23	21	99	56	121	274	490	135	80	54	46.7
Graders and sorters, manufacturing	–	128	9	4	10	–	14	21	48	22	–	–	46.3
Packers and wrappers, except produce	–	1 697	45	66	199	138	136	449	481	123	41	19	40.9
Sewers and stitchers	7	12 538	165	262	639	686	811	3 098	3 905	1 636	933	403	46.6
Textile operatives	–	1 130	8	29	77	81	121	184	278	209	101	42	47.3
Other specified operatives	41	2 979	42	146	291	245	269	646	740	292	160	148	42.7
Miscellaneous and not specified operatives	5	4 916	160	236	475	406	441	1 170	1 356	376	178	118	41.3
Manufacturing	5	4 633	160	204	446	373	422	1 148	1 268	352	152	108	41.2
Durable goods	–	1 534	15	36	157	110	146	455	449	98	30	38	41.7
Machinery, including electrical	–	942	5	20	96	84	97	294	281	35	14	16	40.7
Other durable goods	–	592	10	16	61	26	49	161	168	63	16	22	43.3
Nondurable goods, including not specified manufacturing	5	3 099	145	168	289	263	276	693	819	254	122	70	40.9
Food and kindred products	–	116	6	4	14	18	9	25	24	–	11	5	37.8
Apparel and other fabricated textile products	5	2 022	133	99	160	163	172	483	512	148	96	56	40.9
Nonmanufacturing industries	–	283	–	32	29	33	19	22	88	24	26	10	45.7
Transport equipment operatives	–	289	4	6	50	14	44	65	57	18	21	10	39.1
Laborers, except farm	–	725	18	44	89	61	59	174	171	46	24	39	40.3
Farmers and farm managers	–	92	–	–	–	–	–	37	23	8	11	13	...
Farm laborers and farm foremen	5	190	–	13	–	9	32	28	64	10	8	26	47.0
Paid farm laborers and farm foremen	5	67	–	5	–	4	10	21	15	–	8	4	...
Unpaid family workers	–	123	–	8	–	5	22	7	49	10	–	22	49.0
Service workers, except private household[1]	124	12 308	678	810	1 353	785	839	2 241	2 804	1 189	890	719	42.5
Cleaning service workers	5	1 785	29	24	65	50	51	274	489	321	242	240	53.2
Chambermaids and maids	–	483	12	–	27	25	23	66	97	113	49	71	54.1
Food service workers	93	5 458	551	380	290	301	371	1 116	1 344	426	391	288	42.5
Cooks, except private household	4	1 061	23	5	30	49	74	184	352	132	129	83	49.7
Waiters and food counter workers	57	3 037	437	303	213	222	209	668	634	169	109	73	37.0
Health service workers	10	2 450	82	255	512	190	187	434	363	230	133	64	35.0
Nursing aides, orderlies, and attendants	10	1 308	68	173	191	64	115	212	230	141	83	31	37.0
Practical nurses	–	762	–	24	208	95	62	135	94	74	37	33	34.4
Personal service workers	6	1 735	–	108	364	183	142	217	412	178	67	64	38.2
Hairdressers and cosmetologists	–	1 216	–	83	327	150	87	122	283	111	35	18	32.8
Private household workers	69	1 669	87	37	58	35	47	105	329	301	287	383	57.3
Private household workers, living in	–	165	–	–	–	–	6	16	38	18	29	58	60.8
Private household workers, living out	69	1 504	87	37	58	35	41	89	291	283	258	325	57.0

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

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

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

BINGHAMTON, N.Y.–PA., SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	763	73 297	1 560	2 608	7 211	8 938	7 749	16 002	15 536	6 734	4 270	2 689	40.4
Professional, technical, and kindred workers	14	14 720	59	113	1 403	2 750	2 231	4 259	2 466	718	385	336	36.9
Accountants	–	777	–	6	79	119	85	246	125	66	26	25	39.0
Architects	–	25	–	–	–	–	–	9	8	8	–	–	...
Computer specialists	–	1 308	7	4	224	436	239	298	79	9	5	7	29.8
Engineers	–	4 204	14	–	254	700	686	1 473	812	158	71	36	38.0
Aeronautical and astronautical	–	47	–	–	6	11	3	22	5	–	–	–	...
Civil	–	203	–	–	4	29	44	67	34	14	5	6	38.7
Electrical and electronic	–	1 796	6	–	122	328	318	713	256	21	28	4	36.7
Mechanical	–	461	–	–	29	52	77	132	117	27	21	6	40.5
Other engineers	–	1 697	8	–	93	280	244	539	400	96	17	20	39.1
Lawyers and judges	5	294	–	–	–	11	23	117	78	25	14	26	44.7
Life and physical scientists	4	236	–	–	40	45	38	55	20	33	5	–	34.3
Chemists	–	173	–	–	26	34	33	32	15	28	5	–	34.0
Physicians, dentists, and related practitioners	–	624	–	–	16	61	46	139	173	53	58	78	47.9
Dentists	–	126	–	–	–	10	20	31	35	–	21	9	45.6
Pharmacists	–	110	–	–	5	19	8	41	12	5	–	20	40.6
Physicians, medical and osteopathic	–	329	–	–	11	32	18	52	108	31	32	45	49.8
Other related practitioners	–	59	–	–	–	–	–	15	18	17	5	4	...
Health technologists and technicians	–	80	–	6	23	18	7	10	16	–	–	–	...
Religious workers	–	374	–	5	19	58	33	72	65	56	22	44	45.0
Social scientists	–	83	–	–	6	–	30	47	–	–	–	–	...
Social and recreation workers	5	168	21	13	24	31	21	18	14	10	5	11	29.2
Teachers	–	1 919	–	8	256	383	360	499	227	79	58	49	34.3
College and university	–	529	–	–	99	49	84	166	90	18	8	15	37.0
Elementary and prekindergarten	–	493	–	5	56	140	107	104	41	6	24	10	32.1
Secondary	–	727	–	–	97	165	136	197	71	40	18	3	33.7
Engineering and science technicians	–	2 052	–	23	266	379	312	542	403	66	35	26	35.8
Draftsmen and surveyors	–	538	–	16	98	93	101	116	73	9	10	22	33.1
Electrical and electronic engineering technicians	–	916	–	–	80	174	142	264	196	37	19	4	37.3
Technicians, except health, and engineering and science	–	100	–	–	5	5	20	47	9	9	–	5	...
Airplane pilots	–	27	–	–	5	5	6	6	5	–	–	–	...
Writers, artists, and entertainers	–	961	17	26	96	167	118	300	155	50	14	18	36.9
Other professional, technical, and kindred workers	–	1 515	–	22	95	337	213	387	282	96	72	11	37.3
Managers and administrators, except farm	16	7 588	3	72	294	617	757	2 250	2 005	791	434	365	44.1
Buyers, purchasing agents, and sales managers	–	961	–	14	37	102	65	249	258	125	62	49	45.5
School administrators	–	269	–	–	–	5	12	116	102	24	5	5	45.1
Specified managers and administrators, public administration	–	340	–	–	3	11	30	80	105	64	22	25	49.4
Other specified managers and administrators	10	1 201	3	22	87	168	136	254	276	85	98	72	42.3
Managers and administrators, n.e.c., salaried	6	3 937	–	36	156	300	423	1 329	1 040	354	197	102	42.9
Manufacturing	–	1 708	–	6	32	94	204	683	455	116	92	26	42.6
Wholesale and retail trade	6	1 089	–	30	91	111	95	270	274	145	48	25	43.1
Transportation, communications, and other public utilities	–	245	–	–	–	23	18	67	87	22	16	12	46.7
All other industries	–	895	–	–	33	72	106	309	224	71	41	39	42.7
Managers and administrators, n.e.c., self-employed	–	880	–	–	11	31	91	222	224	139	50	112	48.8
Construction	–	197	–	–	–	12	29	77	47	18	5	9	42.5
Manufacturing	–	76	–	–	–	–	6	9	33	16	5	7	...
Wholesale and retail trade	–	448	–	–	6	15	39	89	114	93	24	68	51.6
All other industries	–	159	–	–	5	4	17	47	30	12	16	28	47.2
Sales workers	355	4 303	250	142	447	527	427	814	836	377	218	265	39.4
Insurance agents, brokers, and underwriters	–	550	–	–	48	53	62	133	146	50	17	41	43.4
Real estate agents and brokers	–	153	–	–	–	16	21	31	24	23	10	28	48.5
Sales representatives, manufacturing industries	–	425	–	–	23	86	70	105	98	29	14	–	38.2
Sales representatives, wholesale trade	–	751	–	8	96	97	46	179	136	82	72	35	42.2
Sales clerks, retail trade	–	1 069	113	81	158	89	87	140	175	65	46	115	35.5
Salesmen, retail trade	–	567	5	17	33	58	68	112	167	69	24	14	44.2
Salesmen of services and construction	–	169	–	10	12	51	18	32	19	15	–	12	33.2
Other sales workers	355	619	132	26	77	77	55	82	71	44	35	20	29.8
Clerical and kindred workers	12	5 737	138	311	643	736	553	1 115	1 214	501	365	161	39.4
Bank tellers and cashiers	3	159	30	43	23	30	4	–	19	–	–	10	21.4
Bookkeepers and billing clerks	–	442	–	11	51	87	45	73	78	34	44	19	38.7
Mail handlers and postal clerks	–	712	4	30	30	48	48	198	258	46	31	19	44.9
Other clerical and kindred workers	9	4 424	104	227	539	571	456	844	859	421	290	113	38.7
Craftsmen and kindred workers	36	14 388	50	225	1 303	1 789	1 483	3 109	3 343	1 647	1 012	427	42.5
Apparel craftsmen and upholsterers	–	341	–	14	33	50	27	101	58	30	10	18	39.6
Bakers	–	79	–	3	10	12	15	18	11	–	10	–	...
Cabinetmakers	–	71	–	–	–	10	–	21	13	–	20	7	...
Construction craftsmen	5	3 306	–	54	260	402	363	765	822	340	184	116	42.5
Carpenters	–	994	–	19	69	86	103	242	257	120	43	55	44.1
Excavating, grading, and road machine operators	–	535	–	10	32	40	108	108	160	52	19	6	42.2
Electricians	–	460	–	–	44	85	44	86	116	31	50	4	41.6
Masons and tile setters	–	251	–	5	19	56	29	70	67	–	5	–	37.4
Painters, construction and maintenance, and paperhangers	5	303	–	15	13	43	4	64	71	31	34	28	46.8
Plasterers and cement finishers	–	83	–	–	21	–	14	28	10	5	5	–	...
Plumbers and pipe fitters	–	472	–	5	41	49	54	98	112	75	28	10	43.9
Other construction craftsmen	–	208	–	–	21	43	7	69	29	26	–	13	39.8
Foremen, n.e.c.	–	2 205	–	6	51	118	204	508	704	391	173	50	48.1
Manufacturing	–	1 393	–	6	34	93	116	322	499	202	89	32	47.5
Nonmanufacturing industries	–	812	–	–	17	25	88	186	205	189	84	18	49.4
Linemen and servicemen, telephone and power	–	438	–	6	74	77	61	132	75	13	–	–	35.1
Locomotive engineers and firemen	–	78	–	–	–	–	9	17	20	17	–	15	...
Mechanics and repairmen	6	3 360	28	62	400	546	360	708	657	340	194	65	39.0
Air conditioning, heating, and refrigeration	–	139	–	–	12	10	18	40	42	6	5	6	42.4
Aircraft	–	19	–	–	10	–	–	–	4	5	–	–	...
Automobile, including body	6	1 427	14	48	254	232	169	264	220	151	75	–	34.9
Radio and television	–	152	14	–	5	51	13	37	16	11	5	–	32.3
Other mechanics and repairmen	–	1 623	–	14	119	253	160	367	375	167	109	59	42.2
Metal craftsmen, except mechanics	–	2 214	7	23	211	310	252	422	507	233	192	57	42.2
Machinists and job and die setters	–	742	–	14	91	122	96	124	148	78	62	7	38.9
Sheetmetal workers and tinsmiths	–	228	–	–	24	33	10	70	60	15	10	6	41.7
Tool and die makers	–	807	7	6	73	113	109	147	148	95	79	30	41.5
Other metal craftsmen	–	437	–	3	23	42	37	81	151	45	41	14	47.2
Printing craftsmen	–	420	–	28	66	87	70	84	59	22	–	4	32.1
Compositors and typesetters	–	207	–	6	30	65	26	43	15	18	–	4	30.5
Pressmen and plate printers, printing	–	113	–	11	20	10	34	21	13	4	–	–	32.3
Stationary engineers and power station operators	5	185	–	–	13	8	9	44	52	53	6	–	48.6
Other craftsmen and kindred workers	20	1 691	15	29	185	169	113	289	365	208	223	95	46.2

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

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

BINGHAMTON, N.Y.–PA., SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	32	10 425	159	525	1 388	1 102	837	1 603	2 483	1 246	880	202	42.5
Assemblers	–	1 229	–	66	219	125	81	190	318	126	79	25	41.5
Checkers, examiners, and inspectors; manufacturing	–	1 430	5	20	128	151	166	261	334	188	161	16	44.4
Garage workers and gas station attendants	6	367	79	115	53	18	20	35	7	10	14	16	19.8
Laundry and drycleaning operatives, n.e.c	–	85	12	6	9	10	–	–	10	16	5	17	...
Meat cutters and butchers	–	267	5	14	26	36	22	63	70	19	12	–	39.8
Mine operatives, n.e.c	–	26	–	–	–	–	5	15	6	–	–	–	...
Packers and wrappers, except produce	5	400	21	59	64	42	24	38	98	28	20	6	32.9
Painters, manufactured articles	–	82	5	–	35	7	9	–	13	–	13	–	...
Precision machine operatives	–	733	–	34	90	89	62	108	203	86	51	10	43.5
Sawyers	–	122	–	10	8	9	–	22	39	11	23	–	48.1
Stationary firemen	–	79	8	4	5	5	4	12	14	13	14	–	...
Textile operatives	–	24	–	–	14	–	5	5	–	–	–	–	...
Welders and flamecutters	–	312	–	–	58	50	38	40	63	35	19	9	37.5
Other metalworking operatives	4	463	–	22	75	57	27	54	126	45	46	11	44.4
Other specified operatives	7	2 030	24	70	199	163	138	324	490	350	211	61	47.0
Miscellaneous and not specified operatives	10	2 776	–	105	405	340	236	436	692	319	212	31	41.9
Occupation:													
Machine operatives, miscellaneous specified	–	1 140	–	27	165	124	100	181	280	147	106	10	43.5
Machine operatives, not specified	–	716	–	22	90	99	67	145	144	81	57	11	40.5
Miscellaneous operatives	10	628	–	40	110	100	52	60	154	72	30	10	37.0
Not specified operatives	–	292	–	16	40	17	17	50	114	19	19	–	45.5
Industry:													
Manufacturing	–	2 502	–	100	342	314	224	404	614	302	181	21	41.7
Durable goods	–	1 941	–	68	261	282	166	342	499	198	110	15	40.7
Wood products, including furniture	–	95	–	–	–	8	4	26	20	22	5	10	...
Primary metal industries	–	120	–	19	13	–	15	27	20	9	12	5	39.8
Fabricated metal industries	–	87	–	–	15	32	10	17	13	–	–	–	...
Machinery, including electrical	–	994	–	32	136	158	74	132	275	119	68	–	42.3
Motor vehicles and equipment	–	6	–	–	–	–	–	6	–	–	–	–	...
Transportation equipment, except motor vehicles	–	47	–	5	–	8	5	13	6	6	4	–	...
Other durable goods	–	592	–	12	97	76	58	121	165	42	21	–	39.4
Nondurable goods	–	548	–	32	72	32	58	58	115	104	71	6	46.9
Food and kindred products	–	60	–	10	5	5	5	13	14	8	–	–	...
Apparel and other fabricated textile products	–	8	–	3	–	–	–	–	–	5	–	–	...
Paper and allied products	–	139	–	6	46	14	24	7	25	7	4	6	30.7
Chemicals and allied products	–	11	–	–	–	–	5	–	–	6	–	–	...
Other nondurable goods	–	330	–	13	21	13	24	38	76	78	67	–	52.4
Not specified manufacturing industries	–	13	–	–	9	–	–	4	–	–	–	–	...
Nonmanufacturing industries	10	274	–	5	63	26	12	32	78	17	31	10	44.7
Transportation, communications, and other public utilities	–	57	–	–	12	5	–	13	20	–	7	–	...
Wholesale and retail trade	5	91	–	5	22	8	–	10	32	5	4	5	...
All other industries	5	126	–	–	29	13	12	9	26	12	20	5	45.0
Transport equipment operatives	12	3 721	31	99	311	399	539	985	809	280	177	91	39.9
Bus drivers	–	281	–	4	21	29	9	49	123	24	10	12	47.3
Taxicab drivers and chauffeurs	–	172	–	5	15	17	19	30	36	15	25	10	45.0
Truck drivers and deliverymen	7	2 805	26	90	242	305	487	749	590	165	106	45	38.4
Other transport equipment operatives	5	463	5	–	33	48	24	157	60	76	36	24	42.7
Laborers, except farm	53	3 699	315	439	557	330	277	527	609	326	198	121	33.8
Construction laborers	–	842	6	22	135	124	83	140	165	74	75	18	38.6
Freight, stock, and material handlers	5	1 407	205	314	183	70	83	189	188	96	33	46	25.1
Other specified laborers	31	812	71	66	153	52	52	86	157	76	54	45	36.4
Miscellaneous and not specified laborers	17	638	33	37	86	84	59	112	99	80	36	12	36.8
Occupation:													
Miscellaneous laborers	–	228	4	4	48	28	27	42	51	18	6	–	35.7
Not specified laborers	17	410	29	33	38	56	32	70	48	62	30	12	37.4
Industry:													
Manufacturing	–	293	12	16	27	50	18	79	36	40	15	–	38.0
Durable goods	–	182	6	13	15	46	12	41	26	23	–	–	34.6
Wood products, including furniture	–	17	–	–	–	4	4	5	–	4	–	–	...
Metal industries	–	57	–	–	6	20	–	14	5	12	–	–	...
Machinery, including electrical	–	71	6	4	9	17	4	14	17	–	–	–	...
Transportation equipment	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	37	–	9	–	5	4	8	4	7	–	–	...
Nondurable goods	–	106	6	3	12	4	6	38	10	17	10	–	40.8
Food and kindred products	–	33	–	–	–	4	–	19	10	–	–	–	...
Not specified manufacturing industries	–	5	–	–	–	–	–	–	–	–	5	–	...
Nonmanufacturing industries	17	345	21	21	59	34	41	33	63	40	21	12	34.6
Railroads and railway express service	–	62	–	–	13	10	–	–	17	10	12	–	...
Transportation, except railroads	–	12	–	–	8	–	–	–	–	4	–	–	...
Communications, and utilities and sanitary services	–	66	–	9	13	–	6	21	4	13	–	–	...
Wholesale and retail trade	6	85	9	8	10	–	19	6	6	6	9	12	...
All other industries	11	120	12	4	15	24	16	6	36	7	–	–	31.6
Farmers and farm managers	13	1 647	11	11	102	180	106	367	378	178	112	202	46.2
Farm laborers and farm foremen	104	750	79	106	141	66	77	107	90	20	7	57	28.7
Paid farm laborers and farm foremen	82	647	58	59	119	63	77	107	90	20	7	47	31.6
Unpaid family workers	22	103	21	47	22	3	–	–	–	–	–	10	19.3
Service workers, except private household[1]	116	6 307	465	565	622	442	457	859	1 303	650	482	462	42.0
Cleaning service workers	49	2 159	89	141	177	100	80	224	601	291	258	198	49.5
Food service workers	21	1 237	299	185	178	78	47	96	197	82	22	53	23.8
Cooks, except private household	5	433	87	55	71	39	30	36	65	27	8	15	25.4
Busboys and dishwashers	10	249	106	55	16	–	14	4	33	21	–	–	18.7
Health service workers	–	453	20	45	59	58	53	73	93	12	36	4	34.2
Personal service workers	19	480	25	39	46	26	41	74	84	81	41	23	43.5
Protective service workers	–	1 405	–	62	59	126	174	333	261	136	111	143	43.5
Firemen, fire protection	–	278	–	–	5	20	38	78	82	44	11	–	44.7
Guards and watchmen	–	470	–	57	31	16	11	75	80	64	73	63	50.6
Policemen and detectives	–	519	–	–	23	77	121	160	94	24	10	10	37.4
Private household workers	–	12	–	–	–	–	5	7	–	–	–	–	...

[1]Includes allocated cases not shown separately.

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

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

BINGHAMTON, N.Y.–PA., SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	334	43 128	1 149	2 504	5 776	3 927	3 522	8 136	10 266	3 882	2 603	1 363	40.8
Professional, technical, and kindred workers	14	7 421	19	105	1 382	1 064	722	1 450	1 344	683	451	201	37.9
Accountants	–	234	–	9	52	26	10	43	66	11	17	–	39.7
Computer specialists	–	213	–	–	94	62	18	11	23	5	–	–	26.0
Librarians	–	222	–	–	69	27	28	28	23	21	21	5	32.7
Mathematical specialists	–	11	–	–	6	–	–	5	–	–	–	–	...
Life and physical scientists	–	7	–	–	–	7	–	–	–	–	–	–	...
Registered nurses, dietitians, and therapists	–	1 691	–	6	239	259	188	369	324	155	108	43	39.2
Dietitians	–	56	–	–	–	5	–	14	31	–	6	–	...
Registered nurses	–	1 577	–	6	218	244	178	355	282	149	102	43	39.0
Health technologists and technicians	–	355	–	17	168	58	20	38	34	16	–	4	24.8
Social scientists	–	17	–	–	–	–	7	10	–	–	–	–	...
Social and recreation workers	–	226	–	–	57	21	8	58	41	32	4	5	39.7
Teachers: College and university	–	172	6	–	52	23	28	29	19	9	–	6	30.9
Elementary and prekindergarten	4	1 951	–	–	277	314	218	382	322	243	143	52	39.4
Secondary	–	796	–	5	114	99	95	140	151	106	77	9	41.1
Other teachers	–	270	9	25	35	23	13	63	40	16	15	31	39.8
Engineering and science technicians	–	228	–	23	35	18	32	60	50	6	4	–	36.0
Technicians, except health, and engineering and science	–	12	–	–	5	–	–	7	–	–	–	–	...
Writers, artists, and entertainers	4	292	4	11	54	21	18	79	80	14	7	4	39.8
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	80	–	–	20	11	5	18	19	–	7	–	...
Other professional, technical, and kindred workers	6	724	–	9	125	106	39	128	171	49	55	42	41.5
Managers and administrators, except farm	–	1 363	5	16	97	54	85	291	375	189	158	93	48.6
Buyers, purchasing agents, and sales managers	–	192	–	4	28	3	5	35	79	9	29	–	47.7
Restaurant, cafeteria, and bar managers	–	154	–	–	–	–	8	41	57	34	14	–	49.9
School administrators	–	86	–	–	–	–	7	45	9	11	–	14	...
Other specified managers and administrators	–	302	5	6	37	35	16	54	66	28	40	15	44.6
Managers and administrators, n.e.c., salaried	–	430	–	6	28	10	39	89	136	63	32	27	48.2
Wholesale and retail trade	–	120	–	–	–	–	15	45	27	9	15	9	45.0
Managers and administrators, n.e.c., self-employed	–	199	–	–	4	6	10	27	28	44	43	37	57.8
Wholesale and retail trade	–	138	–	–	–	6	5	22	24	33	26	22	56.8
Sales workers	25	2 953	141	239	247	209	181	555	746	289	186	160	43.3
Demonstrators, hucksters, and peddlers	–	191	–	–	30	36	14	49	25	27	–	10	38.2
Insurance, real estate agents, and brokers	–	276	–	9	5	15	27	63	105	15	15	22	46.8
Sales clerks, retail trade	3	1 966	102	185	143	106	121	363	497	210	128	111	44.0
Salesmen, retail trade	–	62	4	5	–	–	5	14	5	22	3	4	...
Other sales workers	22	458	35	40	69	52	14	66	114	15	40	13	37.9
Clerical and kindred workers	50	13 344	405	1 123	2 338	1 354	1 084	2 424	2 953	822	610	231	36.5
Bank tellers	–	241	11	27	55	31	9	47	39	11	5	6	29.4
Bookkeepers	–	1 589	8	41	214	146	85	295	439	202	126	33	45.1
Cashiers	23	1 120	150	181	89	78	77	198	244	55	36	12	34.0
Counter clerks, except food	–	134	16	10	–	4	12	33	37	18	–	4	42.6
Enumerators and interviewers	–	162	–	8	27	10	18	44	47	–	–	8	39.1
File clerks	5	226	21	33	71	–	18	12	61	5	–	5	24.2
Office machine operators	–	445	–	52	115	46	52	97	75	4	4	–	30.9
Bookkeeping and billing machine operators	–	70	–	27	14	–	3	26	–	–	–	–	...
Keypunch operators	–	290	–	25	69	41	43	48	56	4	4	–	31.2
Payroll and timekeeping clerks	–	157	–	6	27	22	25	24	22	11	15	5	34.7
Receptionists	–	446	6	21	94	38	28	86	120	21	13	19	39.2
Secretaries	–	4 018	62	274	876	556	410	649	827	169	115	80	32.9
Stenographers	–	180	5	17	41	9	–	45	38	5	10	10	39.0
Telephone operators	–	395	–	70	77	44	15	70	67	14	38	–	32.2
Typists	–	992	43	105	210	116	83	191	183	31	26	4	31.3
Other clerical and kindred workers	22	3 239	83	278	442	254	252	633	754	276	222	45	39.9
Craftsmen and kindred workers	–	884	7	33	75	96	69	211	226	83	62	22	42.7
Foremen, n.e.c.	–	190	–	–	7	7	18	57	46	29	21	5	46.3
Operatives, except transport	20	8 198	56	328	722	505	681	1 654	2 543	1 015	529	165	45.6
Assemblers	3	1 565	–	75	187	125	137	382	482	125	48	4	41.8
Bottling and canning operatives	–	3	–	–	–	–	–	3	–	–	–	–	...
Checkers, examiners, and inspectors; manufacturing	–	688	–	5	30	48	44	168	294	61	28	10	46.7
Dressmakers and seamstresses, except factory	–	50	–	–	–	8	–	9	13	15	–	5	...
Laundry and dry cleaning operatives, including ironers	–	221	–	–	9	–	13	37	88	26	30	18	50.9
Graders and sorters, manufacturing	–	47	–	–	9	–	–	15	12	11	–	–	...
Packers and wrappers, except produce	–	441	8	19	65	18	28	82	177	39	5	–	45.0
Sewers and stitchers	–	1 589	22	54	100	92	96	264	418	290	199	54	49.0
Textile operatives	–	20	–	–	–	–	–	–	10	10	–	–	...
Other specified operatives	13	2 219	17	106	208	170	228	410	605	266	159	50	44.3
Miscellaneous and not specified operatives	4	1 355	9	69	114	44	135	284	444	172	60	24	45.5
Manufacturing	–	1 256	5	59	99	44	126	274	412	159	54	24	45.5
Durable goods	–	724	5	50	49	24	80	172	262	55	17	10	44.0
Machinery, including electrical	–	427	5	44	32	24	55	99	130	24	9	5	40.4
Other durable goods	–	297	–	6	17	–	25	73	132	31	8	5	47.1
Nondurable goods, including not specified manufacturing	–	532	–	9	50	20	46	102	150	104	37	14	47.6
Food and kindred products	–	61	–	–	6	5	–	20	24	6	–	–	...
Apparel and other fabricated textile products	–	60	–	5	9	–	17	8	7	5	5	4	...
Nonmanufacturing industries	4	99	4	10	15	–	9	10	32	13	6	–	...
Transport equipment operatives	–	306	–	18	14	35	40	125	61	4	–	9	38.7
Laborers, except farm	6	292	18	11	40	33	18	63	46	41	22	–	39.1
Farmers and farm managers	–	155	3	4	12	18	10	27	38	10	18	15	45.9
Farm laborers and farm foremen	23	132	21	5	23	5	–	29	36	–	7	6	39.1
Paid farm laborers and farm foremen	13	91	15	5	18	5	–	14	28	–	–	6	...
Unpaid family workers	10	41	6	–	5	–	–	15	8	–	7	–	...
Service workers, except private household[1]	63	7 087	382	587	775	526	600	1 171	1 728	624	452	242	40.8
Cleaning service workers	6	855	44	29	65	23	40	142	249	133	77	53	48.4
Chambermaids and maids	–	252	16	12	13	9	18	46	70	27	21	20	46.7
Food service workers	4	2 703	202	263	190	129	253	506	758	197	140	65	41.2
Cooks, except private household	–	587	18	18	10	22	44	100	186	93	69	27	49.4
Waiters and food counter workers	–	1 541	148	212	121	91	179	281	388	58	44	19	35.7
Health service workers	5	1 512	44	143	213	191	125	211	341	103	97	44	36.9
Nursing aides, orderlies, and attendants	5	982	36	111	128	107	71	149	213	74	63	30	37.6
Practical nurses	–	271	–	–	34	61	31	33	59	15	24	14	37.9
Personal service workers	14	1 181	40	81	200	120	96	183	218	124	75	44	37.9
Hairdressers and cosmetologists	–	692	3	42	149	85	74	93	120	61	28	37	34.5
Private household workers	133	993	92	35	51	28	32	136	170	122	108	219	52.2
Private household workers, living in	–	90	–	–	–	–	–	20	10	7	10	43	...
Private household workers, living out	133	903	92	35	51	28	32	116	160	115	98	176	51.1

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
ERIE SMSA													
Total													
Male employed	725	63 871	1 741	2 591	6 459	7 158	6 279	13 041	14 664	6 068	3 662	2 208	40.9
Professional, technical, and kindred workers	15	7 744	32	146	802	1 318	920	1 834	1 596	508	314	274	38.6
Accountants	–	511	–	–	60	56	82	130	92	57	14	20	39.4
Architects	–	29	–	–	–	5	11	5	–	8	–	–	...
Computer specialists	–	205	–	–	57	73	19	40	13	3	–	–	28.1
Engineers	9	1 429	–	–	133	228	172	388	343	76	54	35	39.7
Aeronautical and astronautical	–	18	–	–	5	–	3	5	5	–	–	–	...
Civil	–	95	–	–	6	–	8	38	20	5	13	5	...
Electrical and electronic	4	384	–	–	45	75	49	91	85	20	19	–	37.5
Mechanical	–	124	–	–	16	16	10	47	35	–	–	–	39.3
Other engineers	5	808	–	–	61	137	102	207	198	51	22	30	40.0
Lawyers and judges	–	129	–	–	–	13	22	28	12	30	3	21	46.3
Life and physical scientists	–	118	–	–	5	16	12	45	31	4	5	–	40.8
Chemists	–	100	–	–	5	16	7	32	31	4	5	–	...
Physicians, dentists, and related practitioners	–	578	–	–	6	25	49	117	165	67	67	82	50.6
Dentists	–	138	–	–	–	–	15	25	21	20	16	41	57.0
Pharmacists	–	92	–	–	6	16	15	17	22	5	6	5	...
Physicians, medical and osteopathic	–	296	–	–	–	9	19	61	101	36	40	30	50.8
Other related practitioners	–	52	–	–	–	–	–	14	21	6	5	6	...
Health technologists and technicians	–	85	–	–	23	20	10	7	25	–	–	–	...
Religious workers	–	287	–	–	4	33	21	105	60	16	11	37	43.1
Social scientists	–	97	–	–	9	37	11	22	18	–	–	–	...
Social and recreation workers	–	106	–	5	14	20	–	25	15	6	15	6	40.6
Teachers	–	1 403	4	11	153	321	219	314	242	71	42	26	34.9
College and university	–	408	–	–	29	67	73	116	76	32	–	15	38.0
Elementary and prekindergarten	–	282	4	–	61	102	34	39	29	8	–	5	28.7
Secondary	–	644	–	6	56	146	91	147	137	20	37	4	36.6
Engineering and science technicians	–	1 063	17	60	166	215	134	249	172	32	18	–	32.7
Draftsmen and surveyors	–	676	17	40	112	134	79	157	113	11	13	–	32.2
Electrical and electronic engineering technicians	–	112	–	8	22	11	21	30	20	–	–	–	33.6
Technicians, except health, and engineering and science	–	89	–	–	18	9	3	29	22	8	–	–	...
Airplane pilots	–	22	–	–	–	9	–	8	5	–	–	–	...
Writers, artists, and entertainers	6	538	–	39	54	81	65	114	99	44	15	27	37.6
Other professional, technical, and kindred workers	–	1 077	11	31	100	166	90	216	287	86	70	20	41.5
Managers and administrators, except farm	19	6 292	21	41	270	550	753	1 635	1 689	713	345	275	44.2
Buyers, purchasing agents, and sales managers	–	840	–	7	43	93	135	199	202	68	74	19	42.1
School administrators	–	188	–	–	–	5	21	37	65	45	15	–	49.8
Specified managers and administrators, public administration	–	230	–	–	9	10	15	48	104	12	10	22	48.2
Other specified managers and administrators	9	1 142	–	14	114	170	128	229	246	134	61	46	41.3
Managers and administrators, n.e.c., salaried	10	2 985	21	20	89	234	351	900	813	327	133	97	43.6
Manufacturing	5	1 216	–	–	6	85	137	414	346	134	50	44	44.2
Wholesale and retail trade	–	865	10	14	65	85	103	253	181	89	46	19	41.1
Transportation, communications, and other public utilities	–	255	–	–	4	18	33	82	103	5	5	5	43.8
All other industries	5	649	11	6	14	46	78	151	183	99	32	29	46.0
Managers and administrators, n.e.c., self-employed	–	907	–	–	15	38	103	222	259	127	52	91	47.9
Construction	–	199	–	–	6	6	34	33	62	36	18	4	48.3
Manufacturing	–	76	–	–	6	–	–	22	24	10	9	5	...
Wholesale and retail trade	–	425	–	–	3	27	45	108	108	57	25	52	47.7
All other industries	–	207	–	–	–	5	24	59	65	24	–	30	47.4
Sales workers	199	4 140	161	133	456	503	340	757	937	318	284	251	41.3
Insurance agents, brokers, and underwriters	6	522	–	–	72	45	57	105	155	41	17	30	43.3
Real estate agents and brokers	–	147	–	–	15	9	5	9	55	12	8	34	51.5
Sales representatives, manufacturing industries	–	610	–	12	24	113	71	163	124	41	33	29	40.2
Sales representatives, wholesale trade	–	587	5	16	75	84	78	119	99	34	38	39	38.0
Sales clerks, retail trade	9	898	114	76	97	80	56	118	171	51	62	73	37.2
Salesmen, retail trade	–	632	11	9	71	90	43	117	164	48	60	19	42.9
Salesmen of services and construction	–	173	11	–	13	17	4	38	66	14	5	5	45.5
Other sales workers	184	571	20	20	89	65	26	88	103	77	61	22	42.4
Clerical and kindred workers	21	4 667	66	310	524	526	461	882	1 068	465	270	95	40.1
Bank tellers and cashiers	4	86	10	10	14	20	–	8	10	9	–	5	...
Bookkeepers and billing clerks	–	336	–	–	50	45	28	58	67	19	54	15	42.8
Mail handlers and postal clerks	7	604	13	28	17	56	49	175	194	48	15	9	42.9
Other clerical and kindred workers	10	3 641	43	272	443	405	384	641	797	389	201	66	39.3
Craftsmen and kindred workers	13	15 414	86	370	1 500	1 633	1 491	3 517	3 975	1 621	885	336	42.5
Apparel craftsmen and upholsterers	–	63	–	–	–	22	–	11	22	–	8	–	...
Bakers	–	81	–	–	11	–	9	16	24	17	4	–	...
Cabinetmakers	–	69	–	–	4	–	–	15	29	9	–	12	...
Construction craftsmen	–	3 319	15	58	417	345	316	719	776	357	232	84	42.1
Carpenters	–	847	–	12	111	80	58	199	195	86	59	47	43.2
Excavating, grading, and road machine operators	–	334	–	11	22	63	15	49	94	54	21	5	45.7
Electricians	–	659	–	5	94	84	94	116	157	46	57	6	39.5
Masons and tile setters	–	235	–	–	20	23	40	49	72	9	17	5	42.0
Painters, construction and maintenance, and paperhangers	–	329	10	16	33	–	38	68	82	32	44	6	44.9
Plasterers and cement finishers	–	106	–	4	22	3	4	35	38	–	–	–	40.7
Plumbers and pipe fitters	–	505	–	–	80	44	41	117	90	89	29	15	42.5
Other construction craftsmen	–	304	5	10	35	48	26	86	48	41	5	–	38.3
Foremen, n.e.c	–	2 494	–	10	62	190	251	739	775	274	165	28	44.9
Manufacturing	–	2 079	–	4	53	154	209	589	671	250	125	24	45.5
Nonmanufacturing industries	–	415	–	6	9	36	42	150	104	24	40	4	42.6
Linemen and servicemen, telephone and power	–	473	–	14	59	96	82	125	75	12	10	–	34.1
Locomotive engineers and firemen	–	140	–	–	3	17	4	32	30	44	5	5	49.7
Mechanics and repairmen	13	3 194	35	84	341	392	320	733	795	287	135	72	40.8
Air conditioning, heating, and refrigeration	–	84	–	–	8	20	7	15	18	4	12	–	...
Aircraft	–	20	–	–	14	6	–	–	–	–	–	–	...
Automobile, including body	7	1 207	23	55	149	157	152	272	287	69	29	14	37.5
Radio and television	–	88	–	–	4	–	–	33	32	15	4	–	...
Other mechanics and repairmen	6	1 795	12	29	166	209	161	413	458	199	90	58	42.8
Metal craftsmen, except mechanics	–	3 162	4	126	378	347	254	649	862	354	151	37	42.3
Machinists and job and die setters	–	1 400	–	70	193	138	97	262	388	178	66	8	42.7
Sheetmetal workers and tinsmiths	–	191	–	8	12	30	24	75	36	6	–	–	37.9
Tool and die makers	–	799	4	28	90	120	69	95	235	93	49	16	44.3
Other metal craftsmen	–	772	–	20	83	59	64	217	203	77	36	13	42.4
Printing craftsmen	–	291	14	5	22	27	51	64	37	37	34	–	39.1
Compositors and typesetters	–	154	8	–	9	12	29	38	21	12	25	–	40.0
Pressmen and plate printers, printing	–	112	6	–	13	15	17	16	16	25	4	–	38.1
Stationary engineers and power station operators	–	216	–	–	–	–	11	83	43	30	40	9	48.3
Other craftsmen and kindred workers	–	1 912	18	73	203	197	193	331	507	200	101	89	43.2

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

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

ERIE SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**75**	**13 259**	**272**	**665**	**1 726**	**1 628**	**1 291**	**2 451**	**3 018**	**1 253**	**751**	**204**	**39.3**
Assemblers	–	1 482	4	53	171	211	113	307	348	175	83	17	41.2
Checkers, examiners, and inspectors; manufacturing	–	1 040	–	9	82	96	78	244	317	106	102	6	45.3
Garage workers and gas station attendants	21	449	131	65	84	24	36	52	22	–	10	25	21.7
Laundry and drycleaning operatives, n.e.c	4	40	–	6	–	–	5	4	5	16	–	4	...
Meat cutters and butchers	–	303	17	16	18	23	52	67	49	21	29	11	38.8
Mine operatives, n.e.c	–	9	–	–	4	–	–	–	5	–	–	–	...
Packers and wrappers, except produce	–	217	8	11	48	9	41	47	20	17	12	4	34.0
Painters, manufactured articles	–	251	4	9	38	68	18	46	50	13	5	–	31.8
Precision machine operatives	–	1 812	7	110	224	294	92	346	461	141	126	11	40.2
Sawyers	–	139	–	3	19	15	10	27	45	12	4	4	43.3
Stationary firemen	–	85	–	–	4	–	4	27	14	12	24	–	...
Textile operatives	–	5	–	–	5	–	–	–	–	–	–	–	...
Welders and flamecutters	5	1 382	14	60	206	210	166	282	272	107	55	10	36.2
Other metalworking operatives	–	945	11	49	89	113	88	180	237	131	24	23	41.8
Other specified operatives	29	1 501	28	60	187	155	205	259	350	102	96	59	39.5
Miscellaneous and not specified operatives	16	3 599	48	214	547	410	383	563	823	400	181	30	38.5
Occupation:													
Machine operatives, miscellaneous specified	–	1 669	12	59	220	200	171	301	388	216	86	16	40.7
Machine operatives, not specified	4	992	–	63	167	102	109	168	231	103	44	5	38.3
Miscellaneous operatives	12	613	36	76	107	71	54	56	121	42	41	9	31.5
Not specified operatives	–	325	–	16	53	37	49	38	83	39	10	–	37.0
Industry:													
Manufacturing	10	3 388	28	180	512	390	364	535	785	383	181	30	39.1
Durable goods	4	2 294	9	120	361	253	246	356	542	256	126	25	39.4
Wood products, including furniture	–	79	–	7	12	9	9	12	22	8	–	–	...
Primary metal industries	–	583	–	8	88	79	50	101	96	77	64	20	41.6
Fabricated metal industries	–	338	5	26	29	49	55	48	60	34	27	5	36.0
Machinery, including electrical	–	609	–	56	97	68	54	92	178	52	12	–	38.2
Motor vehicles and equipment	–	8	–	–	–	–	–	–	4	4	–	–	...
Transportation equipment, except motor vehicles	4	381	4	11	89	31	39	47	106	44	10	–	38.5
Other durable goods	–	296	–	12	46	17	39	56	76	37	13	–	41.1
Nondurable goods	6	1 056	19	60	151	123	118	179	232	114	55	5	38.2
Food and kindred products	6	112	7	10	18	10	7	12	37	11	–	–	38.3
Apparel and other fabricated textile products	–	6	–	–	–	–	–	6	–	–	–	–	...
Paper and allied products	–	380	–	9	47	31	49	99	94	22	29	–	40.5
Chemicals and allied products	–	44	–	–	11	14	5	9	–	–	–	5	...
Other nondurable goods	–	514	12	41	75	68	57	53	101	81	26	–	35.8
Not specified manufacturing industries	–	38	–	–	–	14	–	–	11	13	–	–	...
Nonmanufacturing industries	6	211	20	34	35	20	19	28	38	17	–	–	29.1
Transportation, communications, and other public utilities	–	50	–	–	7	3	7	4	23	6	–	–	...
Wholesale and retail trade	6	67	20	8	22	–	4	8	5	–	–	–	...
All other industries	–	94	–	26	6	17	8	16	10	11	–	–	...
Transport equipment operatives	–	**3 203**	**42**	**114**	**334**	**298**	**376**	**738**	**749**	**356**	**111**	**85**	**40.9**
Bus drivers	–	135	–	4	–	13	10	30	23	41	10	4	49.6
Taxicab drivers and chauffeurs	–	81	3	–	4	8	–	22	5	27	3	9	...
Truck drivers and deliverymen	–	2 197	33	85	223	203	279	522	533	215	71	33	40.3
Other transport equipment operatives	–	790	6	25	107	74	87	164	188	73	27	39	40.9
Laborers, except farm	**200**	**3 564**	**458**	**410**	**442**	**338**	**237**	**490**	**583**	**271**	**213**	**122**	**32.8**
Construction laborers	11	570	10	32	72	69	50	104	124	58	28	23	40.0
Freight, stock, and material handlers	51	1 106	287	174	148	64	55	119	146	70	32	11	23.1
Other specified laborers	122	711	86	75	93	64	40	114	76	21	81	61	34.7
Miscellaneous and not specified laborers	16	1 177	75	129	129	141	92	153	237	122	72	27	36.5
Occupation:													
Miscellaneous laborers	5	405	14	31	53	61	27	52	101	39	20	7	38.2
Not specified laborers	11	772	61	98	76	80	65	101	136	83	52	20	35.6
Industry:													
Manufacturing	5	793	10	78	108	82	78	118	162	98	42	17	38.4
Durable goods	–	617	–	50	86	72	46	105	128	76	37	17	40.2
Wood products, including furniture	–	32	–	–	6	–	5	14	–	7	–	–	...
Metal industries	–	348	–	14	49	44	24	56	90	47	10	14	42.7
Machinery, including electrical	–	103	–	23	10	5	11	13	12	13	13	3	36.9
Transportation equipment	–	79	–	7	15	18	6	9	18	–	6	–	...
Other durable goods	–	55	–	6	6	5	–	13	8	9	8	–	...
Nondurable goods	5	176	10	28	22	10	32	13	34	22	5	–	32.8
Food and kindred products	5	38	10	–	5	5	–	–	18	–	–	–	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	11	384	65	51	21	59	14	35	75	24	30	10	29.7
Railroads and railway express service	–	81	–	5	3	21	3	14	18	11	6	–	...
Transportation, except railroads	–	19	5	–	–	–	–	–	5	–	9	–	...
Communications, and utilities and sanitary services	–	77	8	17	6	6	–	–	12	13	15	–	...
Wholesale and retail trade	5	108	19	19	8	13	6	18	25	–	–	–	28.1
All other industries	6	99	33	10	4	19	5	3	15	–	–	10	...
Farmers and farm managers	**4**	**867**	**–**	**16**	**33**	**36**	**61**	**84**	**233**	**121**	**128**	**155**	**53.7**
Farm laborers and farm foremen	**54**	**574**	**146**	**55**	**85**	**59**	**27**	**88**	**54**	**26**	**8**	**26**	**25.1**
Paid farm laborers and farm foremen	54	537	126	47	79	56	27	88	54	26	8	26	26.5
Unpaid family workers	–	37	20	8	6	3	–	–	–	–	–	–	...
Service workers, except private household[1]	**116**	**4 120**	**450**	**331**	**281**	**269**	**322**	**565**	**748**	**416**	**353**	**385**	**42.2**
Cleaning service workers	19	1 452	103	107	98	67	63	172	313	177	181	171	48.7
Food service workers	42	884	276	166	39	36	16	96	104	71	47	33	20.0
Cooks, except private household	9	269	88	43	16	5	–	52	35	15	15	–	21.1
Busboys and dishwashers	19	204	116	69	5	–	–	–	–	6	8	–	17.8
Health service workers	–	98	11	5	20	17	6	15	16	–	8	–	...
Personal service workers	11	390	26	28	20	17	48	77	85	21	20	48	42.3
Protective service workers	4	886	–	–	68	113	120	148	155	109	55	118	44.6
Firemen, fire protection	–	170	–	–	10	8	50	44	45	8	–	5	38.9
Guards and watchmen	4	289	–	–	18	14	23	15	45	69	32	73	57.1
Policemen and detectives	–	371	–	–	40	87	47	76	65	26	13	17	36.5
Private household workers	**9**	**27**	**7**	**–**	**6**	**–**	**–**	**–**	**14**	**–**	**–**	**–**	**...**

[1]Includes allocated cases not shown separately.

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

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

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

ERIE SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	371	34 851	1 094	2 310	5 044	3 114	2 335	6 787	7 960	3 013	1 849	1 345	40.2
Professional, technical, and kindred workers	5	5 069	32	77	928	724	456	925	935	448	335	209	38.4
Accountants	–	103	–	–	25	6	5	11	46	10	–	–	46.0
Computer specialists	–	56	–	12	14	12	–	12	6	–	–	–	...
Librarians	–	56	8	5	10	–	–	10	10	9	–	4	...
Mathematical specialists	–	4	–	–	–	–	–	4	–	–	–	–	...
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	1 323	–	4	210	220	119	322	224	115	45	64	38.4
Dietitians	–	93	–	–	–	9	–	19	11	39	5	10	...
Registered nurses	–	1 181	–	4	192	201	114	298	207	76	35	54	37.7
Health technologists and technicians	–	170	–	11	56	42	4	14	27	12	–	4	27.1
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	–	164	–	–	15	27	4	33	25	34	26	–	46.2
Teachers: College and university	–	168	–	10	62	32	15	18	28	3	–	–	26.9
Elementary and prekindergarten	–	1 483	5	5	336	196	150	185	261	144	133	68	37.7
Secondary	–	495	–	–	73	86	27	102	64	59	62	22	41.0
Other teachers	5	101	5	6	5	–	16	11	26	5	9	18	47.9
Engineering and science technicians	–	129	–	5	37	10	14	19	39	–	–	5	34.5
Technicians, except health, and engineering and science	–	16	–	–	–	–	–	5	5	–	6	–	...
Writers, artists, and entertainers	–	186	–	8	21	31	15	44	39	6	17	5	39.1
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	63	–	–	5	20	–	16	10	6	6	–	...
Other professional, technical, and kindred workers	–	615	14	11	64	62	87	135	135	51	37	19	40.1
Managers and administrators, except farm	–	1 031	–	21	47	55	49	204	310	187	90	68	49.5
Buyers, purchasing agents, and sales managers	–	191	–	11	17	15	11	33	37	51	5	11	47.3
Restaurant, cafeteria, and bar managers	–	111	–	–	9	–	–	17	43	21	10	11	51.9
School administrators	–	49	–	10	–	–	–	15	10	5	9	–	...
Other specified managers and administrators	–	244	–	–	10	10	17	65	59	32	15	36	48.4
Managers and administrators, n.e.c., salaried	–	312	–	–	11	30	21	48	111	50	41	–	49.1
Wholesale and retail trade	–	132	–	–	5	14	–	22	52	28	11	–	49.8
Managers and administrators, n.e.c., self-employed	–	124	–	–	–	–	–	26	50	28	10	10	52.2
Wholesale and retail trade	–	88	–	–	–	–	–	12	39	22	10	5	...
Sales workers	41	2 966	167	233	245	166	133	555	844	336	162	125	44.7
Demonstrators, hucksters, and peddlers	–	171	–	6	23	19	15	58	27	6	6	11	38.9
Insurance, real estate agents, and brokers	–	124	7	–	17	10	14	33	24	9	6	4	39.2
Sales clerks, retail trade	25	2 129	143	201	165	102	66	344	638	286	106	78	45.7
Salesmen, retail trade	–	99	–	–	–	4	–	17	47	10	11	10	...
Other sales workers	16	443	17	26	40	31	38	103	108	25	33	22	41.7
Clerical and kindred workers	68	11 719	383	1 168	2 454	1 074	803	2 275	2 242	683	350	287	34.9
Bank tellers	–	345	–	22	113	60	31	60	38	12	9	–	28.1
Bookkeepers	–	1 248	13	78	201	84	86	270	283	87	85	61	41.0
Cashiers	9	1 193	151	129	150	59	71	236	266	81	23	27	36.5
Counter clerks, except food	–	162	14	6	24	18	10	35	39	5	11	–	37.6
Enumerators and interviewers	–	110	–	–	15	21	16	50	–	3	–	5	35.6
File clerks	5	160	4	34	39	18	8	6	37	4	–	10	25.8
Office machine operators	–	407	–	56	121	26	36	88	64	11	–	5	30.1
Bookkeeping and billing machine operators	–	49	–	13	–	–	5	15	10	6	–	–	...
Keypunch operators	–	233	–	33	98	26	28	32	11	–	–	5	24.3
Payroll and timekeeping clerks	–	295	–	15	58	23	23	88	51	22	5	10	38.2
Receptionists	3	360	–	7	94	35	24	51	105	29	9	6	38.9
Secretaries	4	3 204	45	265	759	355	244	645	578	185	85	43	33.6
Stenographers	–	121	–	7	10	6	22	29	26	10	5	6	40.3
Telephone operators	5	529	15	80	147	63	40	108	63	13	–	–	26.8
Typists	–	832	30	143	252	57	28	103	134	35	30	20	24.8
Other clerical and kindred workers	42	2 753	111	326	471	249	164	506	558	186	88	94	36.1
Craftsmen and kindred workers	5	861	4	19	85	50	85	178	244	94	30	72	45.4
Foremen, n.e.c.	–	196	4	–	8	5	16	41	52	28	11	31	49.6
Operatives, except transport	21	5 254	40	205	528	455	459	1 227	1 453	490	310	87	42.7
Assemblers	–	1 047	–	41	96	115	94	237	250	143	62	9	42.5
Bottling and canning operatives	–	17	–	–	–	–	–	–	5	12	–	–	...
Checkers, examiners, and inspectors; manufacturing	–	536	–	15	48	32	26	139	197	45	34	–	45.4
Dressmakers and seamstresses, except factory	–	106	–	–	–	6	5	3	39	22	6	25	55.0
Laundry and dry cleaning operatives, including ironers	5	257	20	9	33	16	27	36	53	30	22	11	41.5
Graders and sorters, manufacturing	–	86	–	5	–	–	37	25	19	–	–	–	...
Packers and wrappers, except produce	–	357	5	32	35	15	25	92	90	31	25	7	42.2
Sewers and stitchers	–	55	–	–	–	–	–	–	19	4	21	11	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	12	1 412	5	67	114	174	160	352	337	140	49	14	40.3
Miscellaneous and not specified operatives	4	1 381	10	36	202	97	85	343	444	63	91	10	42.6
Manufacturing	4	1 275	10	36	185	97	85	324	401	46	91	–	41.9
Durable goods	4	689	5	25	92	33	40	196	232	9	57	–	42.6
Machinery, including electrical	–	318	5	10	64	20	18	88	81	–	32	–	39.8
Other durable goods	4	371	–	15	28	13	22	108	151	9	25	–	45.0
Nondurable goods, including not specified manufacturing	–	586	5	11	93	64	45	128	169	37	34	–	40.9
Food and kindred products	–	70	–	–	4	21	–	4	29	–	12	–	...
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	–	106	–	–	17	–	–	19	43	17	–	10	49.0
Transport equipment operatives	–	77	–	5	6	9	11	14	27	5	–	–	...
Laborers, except farm	22	493	21	13	74	56	23	109	91	52	45	9	40.5
Farmers and farm managers	–	131	–	–	–	10	7	24	58	12	11	9	49.2
Farm laborers and farm foremen	4	262	12	11	5	36	13	106	64	10	–	5	40.1
Paid farm laborers and farm foremen	4	244	12	5	5	29	13	106	59	10	–	5	40.5
Unpaid family workers	–	18	–	6	–	7	–	–	5	–	–	–	...
Service workers, except private household[1]	125	6 192	384	486	636	474	284	1 075	1 515	603	419	316	42.7
Cleaning service workers	10	1 065	16	5	25	56	42	232	337	141	114	97	49.6
Chambermaids and maids	–	201	4	5	25	5	3	49	71	23	11	5	46.3
Food service workers	66	2 512	281	183	154	155	115	395	660	271	176	122	44.3
Cooks, except private household	4	658	9	13	10	40	11	93	263	93	73	53	50.8
Waiters and food counter workers	30	1 245	194	119	137	112	72	208	226	120	31	26	34.2
Health service workers	4	1 090	32	120	185	145	59	193	213	48	44	51	35.2
Nursing aides, orderlies, and attendants	4	594	17	99	102	72	31	99	100	21	35	18	31.1
Practical nurses	–	296	–	–	35	59	22	55	78	17	9	21	40.8
Personal service workers	4	859	39	95	200	38	35	133	187	70	42	20	36.7
Hairdressers and cosmetologists	–	532	30	70	114	35	29	65	125	23	26	15	32.9
Private household workers	80	796	51	72	36	5	12	95	177	93	97	158	52.2
Private household workers, living in	–	38	–	5	–	–	–	–	17	11	–	5	...
Private household workers, living out	80	758	51	67	36	5	12	95	160	82	97	153	52.1

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
HARRISBURG SMSA													
Total													
Male employed	1 098	104 120	2 584	3 838	11 007	11 454	9 982	22 332	23 286	9 036	6 422	4 179	40.9
Professional, technical, and kindred workers	15	15 577	22	129	1 898	2 536	1 920	3 911	2 928	906	816	511	38.3
Accountants	–	1 232	–	15	100	164	131	232	312	114	99	65	43.9
Architects	–	200	–	–	10	10	17	46	90	9	18	–	46.9
Computer specialists	–	917	–	5	89	214	207	267	120	5	10	–	33.6
Engineers	–	2 310	–	5	125	335	287	703	530	137	148	40	40.7
Aeronautical and astronautical	–	16	–	–	–	–	–	–	16	–	–	–	...
Civil	–	744	–	5	59	96	93	285	111	32	39	24	39.2
Electrical and electronic	–	517	–	–	24	72	89	127	143	26	31	5	40.8
Mechanical	–	245	–	–	5	36	20	64	71	5	37	7	44.6
Other engineers	–	788	–	–	37	131	85	227	189	74	41	4	41.2
Lawyers and judges	–	501	–	–	23	46	94	121	83	24	57	53	42.2
Life and physical scientists	–	236	–	–	30	17	14	91	46	18	9	11	41.3
Chemists	–	133	–	–	17	7	10	50	20	14	9	6	41.5
Physicians, dentists, and related practitioners	–	937	–	5	11	93	104	320	182	65	75	82	43.0
Dentists	–	164	–	–	5	10	7	58	26	20	11	27	45.8
Pharmacists	–	100	–	5	–	10	10	29	14	–	21	11	...
Physicians, medical and osteopathic	–	587	–	–	6	70	76	185	122	41	43	44	42.6
Other related practitioners	–	86	–	–	–	3	11	48	20	4	–	–	...
Health technologists and technicians	–	147	–	–	66	40	10	23	4	4	–	–	25.9
Religious workers	–	559	–	–	19	71	66	166	104	22	60	51	42.4
Social scientists	–	168	–	–	–	32	25	47	32	18	9	5	40.7
Social and recreation workers	–	218	–	–	22	30	19	69	39	21	13	5	40.5
Teachers	–	2 401	–	20	477	557	314	472	319	94	94	54	32.3
College and university	–	428	–	12	49	72	41	134	66	18	32	4	38.0
Elementary and prekindergarten	–	414	–	4	91	115	67	65	13	28	10	21	29.9
Secondary	–	1 429	–	4	321	356	206	247	199	35	42	19	30.8
Engineering and science technicians	–	1 727	–	51	445	346	180	351	223	85	40	6	30.6
Draftsmen and surveyors	–	1 010	–	42	309	190	100	220	101	31	17	–	29.1
Electrical and electronic engineering technicians	–	297	–	–	68	76	29	67	35	22	–	–	30.8
Technicians, except health, and engineering and science	–	288	–	–	19	26	10	102	89	23	10	9	43.7
Airplane pilots	–	53	–	–	5	–	–	33	15	–	–	–	...
Writers, artists, and entertainers	–	1 045	16	8	117	121	160	225	213	68	69	48	39.5
Other professional, technical, and kindred workers	15	2 691	6	20	345	434	282	676	542	199	105	82	38.8
Managers and administrators, except farm	–	12 186	15	52	575	885	1 202	2 954	3 708	1 360	950	485	46.1
Buyers, purchasing agents, and sales managers	–	1 524	–	–	48	119	150	472	463	132	104	36	44.4
School administrators	–	284	–	5	5	5	37	117	76	23	9	7	42.7
Specified managers and administrators, public administration	–	1 656	–	–	35	24	91	335	716	210	169	76	49.8
Other specified managers and administrators	–	2 368	–	14	249	285	231	404	633	273	187	92	45.0
Managers and administrators, n.e.c., salaried	–	5 023	15	33	213	432	609	1 258	1 451	517	324	171	44.6
Manufacturing	–	997	–	–	31	73	107	289	288	95	75	39	44.9
Wholesale and retail trade	–	1 575	15	16	70	160	205	360	421	160	97	71	43.9
Transportation, communications, and other public utilities	–	699	–	5	31	58	103	161	246	62	26	7	44.5
All other industries	–	1 752	–	12	81	141	194	448	496	200	126	54	45.0
Managers and administrators, n.e.c., self-employed	–	1 331	–	–	25	20	84	368	369	205	157	103	49.6
Construction	–	257	–	–	3	10	15	121	61	42	5	–	43.3
Manufacturing	–	82	–	–	–	5	7	5	21	18	15	11	...
Wholesale and retail trade	–	703	–	–	15	5	44	162	207	102	105	63	51.1
All other industries	–	289	–	–	7	–	18	80	80	43	32	29	49.9
Sales workers	443	6 844	274	256	588	792	662	1 458	1 400	624	382	408	40.8
Insurance agents, brokers, and underwriters	5	1 084	–	–	76	118	144	343	222	99	25	57	40.9
Real estate agents and brokers	–	263	–	–	7	37	16	80	57	19	21	26	43.9
Sales representatives, manufacturing industries	–	559	–	–	21	90	83	154	118	62	10	21	40.6
Sales representatives, wholesale trade	–	1 337	–	12	102	185	93	384	306	138	56	61	42.2
Sales clerks, retail trade	16	1 676	155	201	193	126	141	198	237	149	153	123	36.1
Salesmen, retail trade	5	794	22	5	81	71	53	132	256	79	47	48	46.3
Salesmen of services and construction	11	269	–	–	14	42	45	48	61	30	13	16	42.0
Other sales workers	406	862	97	38	94	123	87	119	143	48	57	56	34.5
Clerical and kindred workers	29	10 415	219	517	1 290	1 088	910	2 048	2 306	1 003	594	440	40.8
Bank tellers and cashiers	6	429	96	102	71	24	22	33	36	18	27	–	21.2
Bookkeepers and billing clerks	5	824	8	16	110	80	88	91	201	114	58	58	45.9
Mail handlers and postal clerks	–	1 418	–	52	100	112	114	382	378	155	68	57	43.7
Other clerical and kindred workers	18	7 744	115	347	1 009	872	686	1 542	1 691	716	441	325	40.5
Craftsmen and kindred workers	33	21 503	158	536	2 156	2 423	1 943	4 881	5 613	1 895	1 365	533	42.2
Apparel craftsmen and upholsterers	–	150	–	–	23	35	15	30	19	7	15	6	35.7
Bakers	–	163	38	11	–	11	4	38	40	9	5	7	39.6
Cabinetmakers	–	57	–	–	11	10	10	6	9	6	–	5	...
Construction craftsmen	–	5 322	54	123	509	621	574	1 244	1 277	449	313	158	41.3
Carpenters	–	1 729	11	58	160	189	210	378	416	125	98	84	41.3
Excavating, grading, and road machine operators	–	434	–	–	68	46	35	85	134	56	4	6	43.0
Electricians	–	914	–	10	126	131	82	215	202	91	46	11	40.0
Masons and tile setters	–	459	16	12	38	72	45	163	68	22	15	8	37.9
Painters, construction and maintenance, and paperhangers	–	527	5	11	21	35	76	112	146	53	36	32	45.2
Plasterers and cement finishers	–	139	–	6	14	14	11	33	16	21	24	–	42.4
Plumbers and pipe fitters	–	733	–	21	41	68	69	185	214	61	60	14	44.1
Other construction craftsmen	–	387	22	5	41	66	46	73	81	20	30	3	36.8
Foremen, n.e.c.	–	2 899	–	–	152	238	274	814	863	264	229	65	44.6
Manufacturing	–	1 446	–	–	81	127	138	360	419	162	133	26	45.4
Nonmanufacturing industries	–	1 453	–	–	71	111	136	454	444	102	96	39	44.0
Linemen and servicemen, telephone and power	–	813	–	22	168	151	77	178	146	31	40	–	34.3
Locomotive engineers and firemen	–	386	–	–	4	–	–	42	243	52	35	10	51.0
Mechanics and repairmen	6	5 579	34	197	658	719	467	1 263	1 264	486	365	126	40.7
Air conditioning, heating, and refrigeration	–	330	–	–	10	28	18	99	85	27	45	18	46.2
Aircraft	–	289	–	–	12	27	23	92	96	24	15	–	44.0
Automobile, including body	–	2 145	18	132	344	252	193	443	412	173	106	72	38.0
Radio and television	–	236	–	8	15	52	16	72	54	9	10	–	38.8
Other mechanics and repairmen	6	2 579	16	57	277	360	217	557	617	253	189	36	41.5
Metal craftsmen, except mechanics	–	1 963	12	30	219	239	152	389	603	189	96	34	43.5
Machinists and job and die setters	–	684	12	15	72	93	57	100	225	53	43	14	44.3
Sheetmetal workers and tinsmiths	–	341	–	10	80	37	24	50	100	34	6	–	38.9
Tool and die makers	–	369	–	5	27	57	38	115	70	28	9	20	40.0
Other metal craftsmen	–	569	–	–	40	52	33	124	208	74	38	–	46.7
Printing craftsmen	–	676	–	17	54	98	102	140	150	51	64	–	39.8
Compositors and typesetters	–	273	–	3	20	43	21	77	39	36	34	–	41.4
Pressmen and plate printers, printing	–	325	–	9	22	44	68	58	94	5	25	–	38.4
Stationary engineers and power station operators	–	283	–	–	15	21	6	63	96	51	22	9	48.8
Other craftsmen and kindred workers	27	3 212	20	136	343	280	262	674	903	300	181	113	43.4

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

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

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

HARRISBURG SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	67	11 960	426	699	1 495	1 361	1 216	2 320	2 381	1 016	673	373	38.4
Assemblers	–	452	–	50	136	57	51	57	55	15	16	15	28.5
Checkers, examiners, and inspectors; manufacturing	–	809	–	15	76	157	103	208	186	39	19	6	37.6
Garage workers and gas station attendants	14	839	244	148	135	30	37	71	83	38	14	39	21.0
Laundry and drycleaning operatives, n.e.c	–	93	7	17	7	–	5	28	6	10	–	13	...
Meat cutters and butchers	–	381	6	12	31	19	23	102	91	40	35	22	44.8
Mine operatives, n.e.c	–	70	–	4	11	4	5	15	31	–	–	–	...
Packers and wrappers, except produce	4	605	18	69	50	56	30	115	191	55	13	8	41.9
Painters, manufactured articles	–	117	–	10	29	19	–	10	26	11	6	6	35.5
Precision machine operatives	5	954	16	14	82	151	115	201	211	84	59	21	39.9
Sawyers	–	117	–	–	–	13	34	38	6	4	14	8	38.0
Stationary firemen	–	220	–	–	27	–	5	48	52	13	30	45	50.8
Textile operatives	–	206	–	–	32	18	20	38	37	18	39	4	43.7
Welders and flamecutters	–	769	–	12	87	68	101	146	188	76	58	33	43.0
Other metalworking operatives	–	785	–	53	113	75	71	105	198	93	65	12	42.7
Other specified operatives	34	2 339	87	162	259	332	288	409	380	202	123	97	36.0
Miscellaneous and not specified operatives	10	3 204	48	133	420	362	328	729	640	318	182	44	39.3
Occupation:													
Machine operatives, miscellaneous specified	–	1 264	24	47	152	170	121	265	263	144	73	5	39.5
Machine operatives, not specified	–	686	6	38	89	82	77	185	115	62	20	12	37.8
Miscellaneous operatives	10	749	18	44	99	72	86	162	139	70	40	19	38.4
Not specified operatives	–	505	–	4	80	38	44	117	123	42	49	8	42.4
Industry:													
Manufacturing	5	2 686	26	101	331	330	281	617	577	246	147	30	39.4
Durable goods	–	1 597	1	62	230	207	141	410	348	112	64	22	38.8
Wood products, including furniture	–	43	–	–	–	–	–	29	10	–	4	–	...
Primary metal industries	–	552	–	4	45	43	22	169	167	55	39	8	44.6
Fabricated metal industries	–	193	–	30	26	7	13	52	30	23	12	–	38.9
Machinery, including electrical	–	383	–	12	86	76	54	64	78	5	4	4	31.6
Motor vehicles and equipment	–	48	–	–	–	16	–	9	17	6	–	–	...
Transportation equipment, except motor vehicles	–	237	–	3	40	55	42	49	31	17	–	–	32.4
Other durable goods	–	141	1	13	33	10	10	38	15	6	5	10	35.9
Nondurable goods	5	1 073	25	39	101	123	136	200	229	129	83	8	40.6
Food and kindred products	–	625	15	26	37	63	89	121	141	76	53	4	41.8
Apparel and other fabricated textile products	5	36	–	–	4	–	–	5	23	–	–	4	...
Paper and allied products	–	61	–	–	6	4	10	–	15	11	15	–	...
Chemicals and allied products	–	5	–	–	–	–	–	5	–	–	–	–	...
Other nondurable goods	–	346	10	13	54	56	37	69	50	42	15	–	35.4
Not specified manufacturing industries	–	16	–	–	–	–	4	7	–	5	–	–	...
Nonmanufacturing industries	5	518	22	32	89	32	47	112	63	72	35	14	38.3
Transportation, communications, and other public utilities	–	132	–	–	12	11	5	42	31	16	15	–	44.0
Wholesale and retail trade	5	148	12	21	34	6	23	13	9	30	–	–	30.2
All other industries	–	238	10	11	43	15	19	57	23	26	20	14	38.7
Transport equipment operatives	18	6 719	59	190	669	703	789	1 735	1 632	533	257	152	40.5
Bus drivers	–	266	–	–	15	4	25	67	46	38	31	40	49.8
Taxicab drivers and chauffeurs	–	130	–	–	–	19	7	6	66	17	10	5	50.0
Truck drivers and deliverymen	10	4 524	41	133	439	540	592	1 236	1 000	329	135	79	39.2
Other transport equipment operatives	8	1 799	18	57	215	140	165	426	520	149	81	28	42.1
Laborers, except farm	159	7 867	512	748	1 315	802	673	1 315	1 239	600	403	260	34.1
Construction laborers	9	1 411	23	112	290	143	141	250	189	112	79	72	34.9
Freight, stock, and material handlers	46	2 836	271	307	515	345	197	507	417	99	111	67	29.7
Other specified laborers	75	1 882	128	223	304	166	143	256	307	166	111	78	34.2
Miscellaneous and not specified laborers	29	1 738	90	106	206	148	192	302	326	223	102	43	39.2
Occupation:													
Miscellaneous laborers	9	479	14	25	61	38	54	64	112	75	22	14	42.4
Not specified laborers	20	1 259	76	81	145	110	138	238	214	148	80	29	38.3
Industry:													
Manufacturing	–	966	28	69	144	113	111	192	174	88	47	–	35.9
Durable goods	–	631	9	47	90	79	76	99	143	56	32	–	36.5
Wood products, including furniture	–	23	–	–	5	5	–	10	3	–	–	–	...
Metal industries	–	464	9	23	65	42	66	71	115	41	32	–	38.8
Machinery, including electrical	–	44	–	18	6	4	–	6	6	4	–	–	...
Transportation equipment	–	69	–	–	5	28	4	7	14	11	–	–	...
Other durable goods	–	31	–	6	9	–	6	5	5	–	–	–	...
Nondurable goods	–	330	14	22	54	34	35	93	31	32	15	–	35.6
Food and kindred products	–	189	–	5	47	26	10	61	10	15	15	–	36.1
Not specified manufacturing industries	–	5	5	–	–	–	–	–	–	–	–	–	...
Nonmanufacturing industries	29	772	62	37	62	35	81	110	152	135	55	43	44.9
Railroads and railway express service	5	181	–	–	14	14	5	31	57	41	15	4	49.6
Transportation, except railroads	–	52	8	–	–	–	20	5	–	19	–	–	...
Communications, and utilities and sanitary services	–	66	–	–	4	9	4	15	4	18	12	–	...
Wholesale and retail trade	5	212	39	17	24	8	23	20	20	26	21	14	33.9
All other industries	19	261	15	20	20	4	29	39	71	31	7	25	45.5
Farmers and farm managers	5	1 670	–	14	63	124	78	463	359	211	184	174	47.6
Farm laborers and farm foremen	131	898	127	125	113	142	50	62	134	87	29	29	28.0
Paid farm laborers and farm foremen	95	773	105	99	90	120	39	52	128	87	29	24	28.9
Unpaid family workers	36	125	22	26	23	22	11	10	6	–	–	5	23.2
Service workers, except private household	198	8 419	764	572	841	598	534	1 178	1 571	788	763	810	42.6
Cleaning service workers	42	2 567	105	121	197	117	113	278	597	279	371	389	50.9
Food service workers	115	1 847	520	264	165	68	106	222	225	106	56	115	24.2
Cooks, except private household	20	514	109	56	75	24	38	74	58	37	13	30	28.5
Busboys and dishwashers	71	493	224	120	28	4	26	17	21	16	9	28	18.4
Health service workers	–	169	16	17	45	11	6	26	34	7	7	–	28.0
Personal service workers	12	832	79	22	91	71	64	103	131	98	81	92	43.6
Protective service workers	–	1 906	–	9	208	243	167	382	411	195	165	126	43.5
Firemen, fire protection	–	163	–	–	–	33	9	61	39	16	–	5	41.5
Guards and watchmen	–	740	–	4	14	15	14	151	204	133	104	101	53.4
Policemen and detectives	–	979	–	5	194	195	139	170	155	46	61	14	33.4
Private household workers	–	62	8	–	4	–	5	7	15	13	6	4	...

[1]Includes allocated cases not shown separately.

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

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

HARRISBURG SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	384	67 627	1 695	3 706	9 774	6 041	5 283	13 652	15 237	5 769	4 105	2 365	40.4
Professional, technical, and kindred workers	17	9 387	58	96	1 863	1 164	837	1 987	1 755	788	611	228	38.4
Accountants	–	368	–	5	31	23	22	67	94	61	47	18	48.8
Computer specialists	–	179	–	9	54	20	27	25	29	10	5	–	31.2
Librarians	12	314	12	16	15	35	9	60	104	32	25	6	46.0
Mathematical specialists	–	49	–	–	4	–	–	20	9	10	6	–	...
Life and physical scientists	–	38	–	–	14	9	–	15	–	–	–	–	...
Registered nurses, dietitians, and therapists	–	2 207	–	14	496	200	267	536	440	132	84	38	37.4
Dietitians	–	71	–	5	–	–	6	21	20	11	8	–	...
Registered nurses	–	2 080	–	5	487	190	253	507	410	114	76	38	37.1
Health technologists and technicians	–	325	–	6	116	81	24	44	33	16	5	–	27.5
Social scientists	–	8	–	–	–	4	–	4	–	–	–	–	...
Social and recreation workers	–	319	9	–	83	23	27	47	95	30	5	–	38.7
Teachers: College and university	–	109	–	–	27	12	11	26	18	4	11	–	36.7
Elementary and prekindergarten	–	2 314	–	–	529	300	189	440	327	266	199	64	38.2
Secondary	–	1 000	–	3	223	209	95	184	144	93	45	4	33.4
Other teachers	5	280	14	–	33	23	30	65	21	32	40	22	41.2
Engineering and science technicians	–	171	–	–	37	19	–	36	49	9	21	–	43.2
Technicians, except health, and engineering and science	–	22	–	–	–	5	3	5	9	–	–	–	...
Writers, artists, and entertainers	–	336	15	28	28	17	15	85	81	18	28	21	42.6
Actors and dancers	–	4	–	–	–	4	–	–	–	–	–	–	...
Authors, editors, and reporters	–	64	–	–	–	–	–	13	30	5	11	5	...
Other professional, technical, and kindred workers	–	1 348	8	15	173	184	118	328	302	75	90	55	40.4
Managers and administrators, except farm	–	1 950	6	5	143	131	83	411	613	275	122	161	48.2
Buyers, purchasing agents, and sales managers	–	280	–	–	45	15	–	65	119	30	6	–	46.3
Restaurant, cafeteria, and bar managers	–	139	–	–	5	–	5	21	48	31	9	20	53.0
School administrators	–	79	–	–	–	–	26	5	7	19	12	10	...
Other specified managers and administrators	–	639	6	5	63	43	18	132	216	70	40	46	47.4
Managers and administrators, n.e.c., salaried	–	579	–	–	25	68	19	160	155	79	37	36	46.1
Wholesale and retail trade	–	170	–	–	8	4	5	65	50	28	5	5	45.6
Managers and administrators, n.e.c., self-employed	–	234	–	–	5	5	15	28	68	46	18	49	54.4
Wholesale and retail trade	–	158	–	–	–	5	5	17	43	43	12	33	56.0
Sales workers	56	5 152	453	354	469	384	284	1 126	1 070	472	323	217	40.6
Demonstrators, hucksters, and peddlers	–	353	–	16	34	55	31	106	49	36	15	11	38.8
Insurance, real estate agents, and brokers	–	179	–	–	7	17	18	42	58	9	11	17	45.9
Sales clerks, retail trade	24	3 588	353	265	295	180	190	792	772	361	236	144	41.5
Salesmen, retail trade	–	137	10	5	5	14	–	34	44	7	–	18	45.1
Other sales workers	32	895	90	68	128	118	45	152	147	59	61	27	34.8
Clerical and kindred workers	70	27 237	351	2 240	4 784	2 320	2 233	5 297	5 982	1 992	1 358	680	38.2
Bank tellers	–	492	–	38	117	38	29	121	99	22	23	5	37.0
Bookkeepers	–	2 230	3	82	290	159	191	478	625	192	128	82	43.2
Cashiers	14	1 209	132	131	121	72	127	237	200	95	62	32	35.9
Counter clerks, except food	–	229	13	23	10	27	19	33	46	17	12	29	41.8
Enumerators and interviewers	–	51	–	–	3	–	–	10	32	–	6	–	...
File clerks	4	1 491	41	89	175	99	79	286	342	194	149	37	44.2
Office machine operators	–	1 480	3	168	306	149	173	289	270	94	19	9	33.3
Bookkeeping and billing machine operators	–	149	–	16	34	6	36	34	9	14	–	–	32.6
Keypunch operators	–	899	–	95	224	114	89	177	154	37	4	5	30.9
Payroll and timekeeping clerks	–	238	–	4	17	36	30	40	73	33	5	–	43.0
Receptionists	8	550	4	28	173	43	29	145	74	14	17	23	34.7
Secretaries	9	6 494	21	445	1 513	712	553	1 193	1 392	325	239	101	35.0
Stenographers	–	577	12	94	129	54	26	84	107	54	11	6	30.0
Telephone operators	–	703	3	87	152	67	56	125	135	30	22	26	33.8
Typists	5	3 986	41	490	790	321	328	757	744	247	170	98	35.3
Other clerical and kindred workers	30	7 507	78	561	988	543	593	1 499	1 843	675	495	232	41.6
Craftsmen and kindred workers	–	1 138	–	25	164	74	122	247	293	91	73	49	42.4
Foremen, n.e.c.	–	291	–	5	17	21	24	86	99	23	4	12	44.1
Operatives, except transport	42	9 857	46	291	949	938	823	2 152	2 761	1 019	633	245	43.7
Assemblers	–	552	–	28	84	76	85	94	147	23	15	–	35.3
Bottling and canning operatives	–	21	–	–	6	–	–	9	6	–	–	–	...
Checkers, examiners, and inspectors; manufacturing	–	488	–	6	87	54	42	121	105	41	32	–	39.5
Dressmakers and seamstresses, except factory	–	133	–	–	5	–	–	11	40	29	16	32	56.8
Laundry and dry cleaning operatives, including ironers	–	569	8	5	32	45	46	145	155	64	53	16	45.2
Graders and sorters, manufacturing	–	73	–	–	–	6	9	13	26	11	8	–	...
Packers and wrappers, except produce	5	1 022	6	21	56	84	78	209	403	112	37	16	46.4
Sewers and stitchers	4	3 031	13	89	182	262	188	734	880	387	241	55	45.5
Textile operatives	–	133	–	10	11	19	17	25	26	4	10	11	38.8
Other specified operatives	28	2 142	10	67	295	209	186	429	539	182	141	84	42.1
Miscellaneous and not specified operatives	5	1 693	9	65	191	183	172	362	434	166	80	31	41.3
Manufacturing	–	1 519	9	43	165	168	149	343	393	151	67	31	41.6
Durable goods	–	353	–	12	66	66	39	77	65	14	–	14	34.2
Machinery, including electrical	–	246	–	5	46	56	35	59	35	10	–	–	32.3
Other durable goods	–	107	–	7	20	10	4	18	30	4	–	14	41.9
Nondurable goods, including not specified manufacturing	–	1 166	9	31	99	102	110	266	328	137	67	17	43.7
Food and kindred products	–	264	–	3	9	20	5	69	95	40	16	7	47.7
Apparel and other fabricated textile products	–	377	6	20	16	23	40	66	120	55	26	5	46.5
Nonmanufacturing industries	5	174	–	22	26	15	23	19	41	15	13	–	35.5
Transport equipment operatives	–	201	5	6	19	21	27	26	52	22	13	10	43.7
Laborers, except farm	11	622	23	34	62	79	72	149	130	24	24	25	37.8
Farmers and farm managers	7	139	–	5	4	10	–	29	72	5	14	–	48.0
Farm laborers and farm foremen	11	266	24	13	13	33	32	67	60	19	5	–	37.7
Paid farm laborers and farm foremen	11	170	24	2	10	28	28	35	30	8	5	–	33.8
Unpaid family workers	–	96	–	11	3	5	4	32	30	11	–	–	...
Service workers, except private household[1]	93	10 413	673	600	1 251	855	734	2 022	2 160	882	703	533	40.4
Cleaning service workers	–	1 356	41	37	42	73	42	209	385	210	186	131	51.1
Chambermaids and maids	–	371	9	19	15	47	10	59	99	52	34	27	47.7
Food service workers	44	4 360	476	248	355	325	372	968	885	309	270	152	39.2
Cooks, except private household	–	1 041	29	18	29	48	97	258	299	92	111	60	46.4
Waiters and food counter workers	39	2 426	379	175	268	218	229	529	355	132	89	52	33.8
Health service workers	–	1 714	74	127	321	148	101	313	364	131	69	66	37.7
Nursing aides, orderlies, and attendants	–	846	54	60	113	85	58	180	180	36	39	41	37.9
Practical nurses	–	458	7	16	57	20	15	91	147	72	17	16	46.6
Personal service workers	4	1 420	41	60	263	123	64	306	270	137	67	89	40.2
Hairdressers and cosmetologists	–	845	7	42	220	70	41	177	153	75	22	38	37.4
Private household workers	77	1 265	56	37	53	32	36	139	289	180	226	217	54.7
Private household workers, living in	–	85	–	–	–	–	3	–	18	13	24	27	...
Private household workers, living out	77	1 180	56	37	53	32	33	139	271	167	202	190	53.9

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

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

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

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

HARRISBURG SMSA—Continued

Negro

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	52	5 154	86	274	677	566	454	1 143	1 023	483	241	207	39.5
Professional, technical, and kindred workers	11	456	6	14	68	54	34	129	62	59	27	3	39.0
Engineers	–	13	–	–	5	–	3	–	5	–	–	–	...
Lawyers and judges	–	12	–	–	–	–	6	6	–	–	–	–	...
Life and physical scientists	–	9	–	–	–	–	–	9	–	–	–	–	...
Physicians, dentists, and related practitioners	–	19	–	–	–	–	–	10	4	5	–	–	...
Health workers, except practitioners	–	5	–	–	5	–	–	–	–	–	–	–	...
Social and recreation workers	–	5	–	–	5	–	–	–	–	–	–	–	...
Teachers	–	30	–	4	10	–	–	4	5	4	–	3	...
Technicians, except health	–	63	–	–	15	21	–	16	11	–	–	–	...
Writers, artists, and entertainers	–	6	–	–	6	–	–	–	–	–	–	–	...
Other professional, technical, and kindred workers	11	294	6	10	22	33	25	84	37	50	27	–	41.1
Managers and administrators, except farm	–	168	–	–	26	18	15	35	51	17	6	–	42.1
Salaried	–	132	–	–	26	18	6	26	43	13	–	–	41.2
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Retail trade	–	19	–	–	8	6	–	–	5	–	–	–	...
All other industries	–	113	–	–	18	12	6	26	38	13	–	–	42.9
Self-employed	–	36	–	–	–	–	9	9	8	4	6	–	...
Retail trade	–	11	–	–	–	–	5	–	–	–	6	–	...
All other industries	–	25	–	–	–	–	4	9	8	4	–	–	...
Sales workers	5	74	5	9	5	23	10	8	11	–	–	3	...
Manufacturing and wholesale trade	5	4	–	–	–	4	–	–	–	–	–	–	...
Retail trade	–	50	5	9	–	19	6	–	11	–	–	–	...
All other industries	–	20	–	–	5	–	4	8	–	–	–	3	...
Clerical and kindred workers	–	481	19	47	74	76	48	109	65	22	13	8	32.6
Bookkeepers and billing clerks	–	12	–	–	5	–	–	–	–	–	7	–	...
Mail handlers and postal clerks	–	93	–	–	–	25	12	27	18	8	–	3	...
Other clerical and kindred workers	–	376	19	47	69	51	36	82	47	14	6	5	30.3
Craftsmen and kindred workers	–	543	–	35	84	29	55	130	140	37	26	7	40.3
Carpenters	–	10	–	–	7	–	–	–	3	–	–	–	...
Construction craftsmen, except carpenters	–	89	–	5	11	–	6	19	38	10	–	–	...
Automobile mechanics, including body repairmen	–	63	–	–	13	–	5	36	9	–	–	–	...
Mechanics and repairmen, except auto	–	58	–	–	11	9	–	14	19	5	–	–	...
Machinists	–	23	–	–	–	–	11	–	12	–	–	–	...
Metal craftsmen, except mechanics and machinists	–	15	–	–	4	–	11	–	–	–	–	–	...
Foremen, n.e.c.	–	72	–	–	11	8	–	27	10	11	5	–	...
Other craftsmen and kindred workers	–	213	–	30	27	12	22	34	49	11	21	7	39.6
Operatives, except transport	–	761	15	26	84	78	86	163	196	72	22	19	40.6
Assemblers	–	53	–	4	19	12	–	13	5	–	–	–	...
Garage workers and gas station attendants	–	–	–	–	–	–	–	–	–	–	–	–	–
Laundry and drycleaning operatives, including ironers	–	64	7	10	15	–	–	17	11	–	–	4	...
Precision machine operatives	–	23	–	–	–	5	6	5	7	–	–	–	...
Other operatives, except transport	–	621	8	12	50	61	80	128	173	72	22	15	42.8
Durable goods, manufacturing	–	303	–	–	26	37	21	36	95	57	16	15	48.3
Nondurable goods, including not specified manufacturing	–	180	2	3	24	24	54	30	39	4	–	–	33.4
Nonmanufacturing industries	–	138	6	9	–	–	5	62	39	11	6	–	42.9
Transport equipment operatives	–	476	–	18	58	49	56	131	120	37	3	4	39.4
Truck drivers	–	166	–	–	10	19	32	27	52	23	3	–	43.1
Other transport equipment operatives	–	310	–	18	48	30	24	104	68	14	–	4	38.4
Laborers, except farm	12	1 055	8	30	146	127	100	210	180	120	65	69	40.5
Construction laborers	5	132	–	4	15	18	5	22	45	16	7	–	45.4
Freight, stock, and material handlers	–	275	4	9	38	29	16	70	57	20	12	20	40.9
Other laborers, except farm	7	648	4	17	93	80	79	118	78	84	46	49	39.3
Manufacturing industries	–	134	–	–	9	13	24	32	30	12	10	4	41.6
Farmers and farm managers	–	59	–	–	12	5	–	10	5	13	10	4	...
Farm laborers and farm foremen	–	26	–	3	–	7	–	–	3	6	–	7	...
Service workers, except private household	24	1 031	29	92	120	100	50	211	187	100	63	79	40.9
Cleaning service workers	6	406	–	23	30	37	5	92	94	52	27	46	46.7
Food service workers	4	145	29	51	–	5	5	28	9	5	3	10	19.7
Health service workers	–	33	–	–	12	3	–	4	14	–	–	–	...
Personal service workers	–	27	–	–	–	–	12	–	3	5	3	4	...
Protective service workers	–	166	–	–	57	40	–	32	28	4	5	–	28.3
Private household workers	–	24	4	–	–	–	–	7	3	–	6	4	...
Female employed	6	4 520	33	207	658	575	564	850	920	290	226	197	37.6
Professional, technical, and kindred workers	–	251	–	11	49	36	53	42	36	8	10	6	32.8
Registered nurses	–	23	–	–	5	5	8	5	–	–	–	–	...
Health workers, except nurses	–	16	–	11	–	–	–	5	–	–	–	–	...
Teachers, elementary and secondary schools	–	83	–	–	12	23	17	8	13	–	10	–	...
Technicians, except health	–	4	–	–	–	–	–	–	–	4	–	–	...
Other professional, technical, and kindred workers	–	125	–	–	32	8	28	24	23	4	–	6	34.0
Managers and administrators, except farm	–	65	–	–	4	5	9	11	31	–	5	–	...
Salaried	–	65	–	–	4	5	9	11	31	–	5	–	...
Self-employed	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales workers	–	169	14	9	27	39	16	26	26	12	–	–	29.4
Retail trade	–	165	14	5	27	39	16	26	26	12	–	–	29.7
Clerical and kindred workers	–	1 755	11	109	346	219	270	339	353	56	30	22	33.6
Bookkeepers and cashiers	–	105	–	5	21	21	5	19	34	–	–	–	35.3
Office machine operators	–	152	3	–	29	21	37	36	23	3	–	–	33.1
Secretaries, stenographers, and typists	–	453	8	48	110	34	105	74	56	5	4	9	31.3
Other clerical and kindred workers	–	1 045	–	56	186	143	123	210	240	48	26	13	35.7
Craftsmen and kindred workers	–	70	–	–	39	5	9	17	–	–	–	–	...
Operatives, except transport	–	362	–	17	6	80	59	83	72	23	15	7	37.3
Sewers and stitchers	–	39	–	–	–	4	4	17	10	4	–	–	...
Laundry and drycleaning operatives, including ironers	–	36	–	–	–	14	3	10	4	5	–	–	...
Other operatives, except transport	–	287	–	17	6	62	52	56	58	14	15	7	36.2
Durable goods, manufacturing	–	149	–	3	6	39	35	29	26	4	–	7	33.8
Nondurable goods, including not specified manufacturing	–	87	–	4	–	9	17	24	12	6	15	–	...
Nonmanufacturing industries	–	51	–	10	–	14	–	3	20	4	–	–	...
Transport equipment operatives	–	15	–	–	–	–	–	5	–	5	–	5	...
Laborers, except farm	–	57	–	–	3	16	8	8	12	–	10	–	...
Farmers and farm managers	–	4	–	–	–	–	–	–	–	–	4	–	...
Farm laborers and farm foremen	–	20	–	2	–	9	5	–	4	–	–	–	...
Service workers, except private household[1]	6	1 251	3	47	157	151	111	253	237	132	77	83	41.2
Cleaning service workers	–	300	–	3	8	18	–	40	77	55	56	43	55.4
Food service workers	–	156	–	–	5	11	24	24	58	24	4	6	47.4
Health service workers	–	377	–	14	71	70	32	125	31	28	–	6	35.1
Practical nurses	–	66	–	–	–	10	–	16	23	17	–	–	...
Personal service workers	–	85	3	–	15	–	5	5	13	20	14	10	...
Protective service workers	–	9	–	–	–	–	5	4	–	–	–	–	...
Private household workers	–	501	5	12	27	15	24	66	149	54	75	74	51.8

[1] Includes allocated cases not shown separately.

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

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

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

JOHNSTOWN SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	525	57 148	1 329	1 914	5 090	5 390	5 087	12 193	15 392	5 377	3 460	1 916	43.0
Professional, technical, and kindred workers	–	4 938	10	47	644	772	539	1 076	1 009	330	307	204	39.2
Accountants	–	344	–	4	41	42	25	80	96	30	21	5	42.5
Architects	–	6	–	–	–	–	–	6	–	–	–	–	...
Computer specialists	–	92	–	–	27	36	12	11	6	–	–	–	...
Engineers	–	718	–	17	59	69	87	174	208	49	44	11	42.3
Aeronautical and astronautical	–	6	–	–	–	–	–	–	6	–	–	–	...
Civil	–	106	–	4	11	5	4	37	22	–	23	–	42.8
Electrical and electronic	–	171	–	–	17	16	48	37	47	6	–	–	36.2
Mechanical	–	88	–	8	9	14	–	29	9	9	4	6	...
Other engineers	–	347	–	5	22	34	35	71	124	34	17	5	45.5
Lawyers and judges	–	134	–	–	–	5	–	46	49	–	–	34	48.3
Life and physical scientists	–	48	–	–	–	14	5	11	8	5	5	–	...
Chemists	–	41	–	–	–	14	5	4	8	5	5	–	...
Physicians, dentists, and related practitioners	–	475	–	–	–	31	51	89	117	40	67	80	50.7
Dentists	–	118	–	–	–	5	10	18	34	4	26	21	52.6
Pharmacists	–	63	–	–	–	6	10	4	8	4	6	25	...
Physicians, medical and osteopathic	–	232	–	–	–	15	27	50	44	27	35	34	50.5
Other related practitioners	–	62	–	–	–	5	4	17	31	5	–	–	...
Health technologists and technicians	–	44	–	7	5	–	7	16	4	5	–	–	...
Religious workers	–	353	–	–	–	52	12	80	75	33	66	35	49.3
Social scientists	–	37	–	–	–	5	5	16	7	4	–	–	...
Social and recreation workers	–	95	–	–	6	20	5	20	23	5	8	8	...
Teachers	–	1 318	–	–	249	283	144	265	218	100	45	14	34.4
College and university	–	117	–	–	5	27	19	27	21	6	6	6	37.8
Elementary and prekindergarten	–	252	–	–	87	58	10	44	16	27	5	5	28.4
Secondary	–	899	–	–	151	193	115	194	151	58	34	3	34.6
Engineering and science technicians	–	585	–	14	130	97	113	111	93	16	6	5	32.3
Draftsmen and surveyors	–	427	–	14	98	65	100	80	56	9	–	5	31.8
Electrical and electronic engineering technicians	–	45	–	–	4	11	6	16	8	–	–	–	...
Technicians, except health, and engineering and science	–	60	–	–	10	15	5	10	5	10	5	–	...
Airplane pilots	–	20	–	–	–	15	–	–	–	–	5	–	...
Writers, artists, and entertainers	–	233	10	–	48	28	10	46	39	15	25	12	39.5
Other professional, technical, and kindred workers	–	396	–	5	69	75	58	95	61	18	15	–	34.2
Managers and administrators, except farm	–	4 329	12	4	114	356	418	1 035	1 313	436	350	291	46.7
Buyers, purchasing agents, and sales managers	–	493	–	–	32	61	83	94	138	16	37	32	42.5
School administrators	–	204	–	–	–	6	27	70	49	24	22	6	44.9
Specified managers and administrators, public administration	–	358	–	–	–	–	19	40	130	77	58	34	54.2
Other specified managers and administrators	–	782	12	–	33	76	40	202	213	68	54	84	46.3
Managers and administrators, n.e.c., salaried	–	1 590	–	4	49	169	201	417	468	150	75	57	43.9
Manufacturing	–	280	–	–	4	39	64	49	73	38	13	–	41.7
Wholesale and retail trade	–	655	–	4	16	88	81	159	194	56	39	18	43.7
Transportation, communications, and other public utilities	–	183	–	–	5	12	8	77	53	7	4	17	43.6
All other industries	–	472	–	–	24	30	48	132	148	49	19	22	45.1
Managers and administrators, n.e.c., self-employed	–	902	–	–	–	44	48	212	315	101	104	78	49.7
Construction	–	131	–	–	–	6	24	33	44	6	5	13	45.6
Manufacturing	–	49	–	–	–	9	–	4	25	–	–	11	...
Wholesale and retail trade	–	570	–	–	–	19	20	119	222	72	64	54	50.7
All other industries	–	152	–	–	–	10	4	56	24	23	35	–	47.5
Sales workers	204	3 208	237	100	272	268	292	616	786	263	190	184	42.1
Insurance agents, brokers, and underwriters	–	485	–	–	38	38	61	146	123	41	4	34	42.2
Real estate agents and brokers	–	43	–	–	–	–	–	9	28	–	–	6	...
Sales representatives, manufacturing industries	–	198	–	–	6	9	28	66	40	21	20	8	43.5
Sales representatives, wholesale trade	–	432	–	4	39	44	41	76	144	49	30	5	45.8
Sales clerks, retail trade	–	905	97	71	84	103	79	154	165	40	54	58	36.2
Salesmen, retail trade	7	530	–	16	48	29	47	91	159	43	55	42	47.1
Salesmen of services and construction	5	143	–	4	–	6	16	26	50	30	5	6	48.9
Other sales workers	192	472	140	5	57	39	20	48	77	39	22	25	29.4
Clerical and kindred workers	5	3 531	59	189	322	359	352	754	919	319	152	106	41.4
Bank tellers and cashiers	–	166	37	30	21	13	17	21	20	–	–	7	23.8
Bookkeepers and billing clerks	–	442	4	5	47	51	49	81	96	70	20	19	43.0
Mail handlers and postal clerks	–	533	–	–	9	15	34	167	239	39	11	19	46.7
Other clerical and kindred workers	5	2 390	18	154	245	280	252	485	564	210	121	61	40.1
Craftsmen and kindred workers	13	14 325	51	200	1 053	1 144	1 414	3 473	4 335	1 499	857	299	44.5
Apparel craftsmen and upholsterers	–	51	–	–	6	15	–	15	10	5	–	–	...
Bakers	–	94	–	5	9	8	30	10	21	–	11	–	...
Cabinetmakers	–	40	–	–	5	5	5	11	9	–	–	5	...
Construction craftsmen	–	3 460	9	46	293	233	334	861	1 020	373	225	66	44.5
Carpenters	–	955	–	24	64	50	107	223	289	99	80	19	45.3
Excavating, grading, and road machine operators	–	532	–	–	35	31	88	133	119	97	19	10	43.4
Electricians	–	707	–	–	96	45	44	202	180	82	54	4	43.3
Masons and tile setters	–	318	–	3	15	27	14	125	99	16	12	7	43.0
Painters, construction and maintenance, and paperhangers	–	173	–	–	15	20	12	21	37	40	17	11	50.0
Plasterers and cement finishers	–	129	–	–	–	23	13	23	54	5	11	–	46.0
Plumbers and pipe fitters	–	420	–	19	52	4	30	99	168	15	18	15	45.4
Other construction craftsmen	–	226	9	–	16	33	26	35	74	19	14	–	43.3
Foremen, n.e.c.	–	1 863	–	5	33	86	176	437	724	214	121	67	47.7
Manufacturing	–	960	–	5	8	62	115	219	375	100	56	20	46.9
Nonmanufacturing industries	–	903	–	–	25	24	61	218	349	114	65	47	48.5
Linemen and servicemen, telephone and power	–	457	–	6	65	77	77	145	67	16	4	–	35.2
Locomotive engineers and firemen	–	320	–	–	–	6	4	65	155	61	29	–	50.5
Mechanics and repairmen	9	3 292	38	79	277	391	381	701	913	294	143	75	41.8
Air conditioning, heating, and refrigeration	–	102	–	–	7	20	17	29	14	6	5	4	37.4
Aircraft	–	22	–	4	–	–	–	4	10	4	–	–	...
Automobile, including body	9	1 277	25	47	145	188	172	251	256	86	49	58	37.5
Radio and television	–	119	9	5	6	10	18	26	36	9	–	–	39.4
Other mechanics and repairmen	–	1 772	4	23	119	173	174	391	597	189	89	13	45.0
Metal craftsmen, except mechanics	–	1 591	–	11	71	88	129	415	572	202	93	10	46.4
Machinists and job and die setters	–	387	–	–	15	35	35	70	185	27	15	5	47.1
Sheetmetal workers and tinsmiths	–	65	–	4	10	6	11	13	21	–	–	–	...
Tool and die makers	–	73	–	–	5	11	6	28	14	–	9	–	...
Other metal craftsmen	–	1 066	–	7	41	36	77	304	352	175	69	5	46.9
Printing craftsmen	–	212	–	–	39	19	40	54	9	30	16	5	36.5
Compositors and typesetters	–	87	–	–	20	4	8	19	4	17	10	5	...
Pressmen and plate printers, printing	–	107	–	–	19	15	19	35	–	13	6	–	35.1
Stationary engineers and power station operators	–	281	–	–	9	4	15	23	162	50	14	4	50.5
Other craftsmen and kindred workers	4	2 664	4	48	246	212	223	736	673	254	201	67	43.1

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

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

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

JOHNSTOWN SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	62	11 197	179	494	1 144	1 069	884	2 318	3 194	1 152	568	195	42.9
Assemblers	–	482	4	15	73	50	50	138	118	19	15	–	38.6
Checkers, examiners, and inspectors; manufacturing	–	322	–	4	43	61	16	66	94	10	16	12	40.6
Garage workers and gas station attendants	32	501	99	123	76	40	34	49	40	16	14	10	21.9
Laundry and drycleaning operatives, n.e.c	–	52	–	–	6	–	3	–	26	5	–	12	...
Meat cutters and butchers	–	339	–	12	4	50	47	73	47	34	31	41	42.7
Mine operatives, n.e.c	–	2 042	–	5	109	163	105	411	920	248	63	18	47.5
Packers and wrappers, except produce	12	154	32	40	32	12	–	17	17	4	–	–	20.8
Painters, manufactured articles	–	174	5	5	33	12	20	36	41	9	13	–	38.3
Precision machine operatives	–	743	5	31	99	74	124	135	188	45	35	7	37.9
Sawyers	–	207	–	–	22	13	20	49	66	17	9	11	44.9
Stationary firemen	–	184	–	–	–	4	10	21	52	44	38	15	55.6
Textile operatives	–	24	–	–	–	6	5	–	8	5	–	–	...
Welders and flamecutters	–	1 299	8	18	90	141	99	340	394	102	102	5	43.6
Other metalworking operatives	–	721	5	24	48	57	32	119	275	114	47	–	47.7
Other specified operatives	9	1 301	13	127	172	158	122	279	248	106	46	30	37.1
Miscellaneous and not specified operatives	9	2 652	8	90	337	228	197	585	660	374	139	34	43.0
Occupation:													
Machine operatives, miscellaneous specified	–	693	4	33	82	66	67	140	157	98	22	24	41.8
Machine operatives, not specified	–	323	–	8	54	35	12	50	79	65	20	–	45.3
Miscellaneous operatives	5	879	–	49	126	63	67	257	176	78	58	5	40.2
Not specified operatives	4	757	4	–	75	64	51	138	248	133	39	5	46.9
Industry:													
Manufacturing	–	2 303	4	46	293	209	174	506	599	320	129	23	43.4
Durable goods	–	2 030	–	22	238	161	165	427	577	304	113	23	45.0
Wood products, including furniture	–	69	–	4	–	–	–	15	16	22	5	7	...
Primary metal industries	–	1 647	–	14	189	112	137	359	476	252	102	6	45.3
Fabricated metal industries	–	81	–	4	13	15	8	5	26	5	–	5	...
Machinery, including electrical	–	50	–	–	16	6	4	–	14	5	–	5	...
Motor vehicles and equipment	–	21	–	–	5	6	–	4	6	–	–	–	...
Transportation equipment, except motor vehicles	–	31	–	–	–	8	–	4	9	4	6	–	...
Other durable goods	–	131	–	–	15	14	16	40	30	16	–	–	40.1
Nondurable goods	–	273	4	24	55	48	9	79	22	16	16	–	33.1
Food and kindred products	–	128	–	20	19	9	–	47	5	12	16	–	38.4
Apparel and other fabricated textile products	–	41	–	–	8	15	5	13	–	–	–	–	...
Paper and allied products	–	4	–	–	4	–	–	–	–	–	–	–	...
Chemicals and allied products	–	4	–	–	–	–	–	–	4	–	–	–	...
Other nondurable goods	–	96	4	4	24	24	4	19	13	4	–	–	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	9	349	4	44	44	19	23	79	61	54	10	11	40.1
Transportation, communications, and other public utilities	–	98	–	–	25	8	9	11	12	23	10	–	...
Wholesale and retail trade	5	162	–	34	–	7	9	42	39	26	–	5	42.4
All other industries	4	89	4	10	19	4	5	26	10	5	–	6	...
Transport equipment operatives	13	4 240	77	111	418	487	441	1 057	1 039	316	212	82	40.5
Bus drivers	–	189	–	–	–	6	–	31	54	32	45	21	55.5
Taxicab drivers and chauffeurs	–	68	–	–	11	5	6	22	14	10	–	–	...
Truck drivers and deliverymen	13	3 079	50	94	364	358	360	813	725	166	96	53	38.9
Other transport equipment operatives	–	904	27	17	43	118	75	191	246	108	71	8	44.0
Laborers, except farm	48	5 698	301	514	716	529	376	1 012	1 352	404	326	168	39.1
Construction laborers	–	949	–	78	92	88	77	149	283	83	57	42	44.4
Freight, stock, and material handlers	–	1 653	225	178	164	153	92	260	388	91	82	20	35.6
Other specified laborers	30	768	59	93	92	64	35	109	177	38	62	39	38.8
Miscellaneous and not specified laborers	18	2 328	17	165	368	224	172	494	504	192	125	67	39.4
Occupation:													
Miscellaneous laborers	4	1 205	4	34	164	117	101	260	291	101	85	48	42.0
Not specified laborers	14	1 123	13	131	204	107	71	234	213	91	40	19	36.5
Industry:													
Manufacturing	–	1 714	6	136	336	175	130	382	346	109	83	11	36.9
Durable goods	–	1 625	6	120	311	165	125	367	346	104	70	11	37.3
Wood products, including furniture	–	53	–	13	–	10	6	14	6	4	–	–	...
Metal industries	–	1 395	–	100	284	128	114	304	299	100	60	6	37.4
Machinery, including electrical	–	25	–	–	–	–	–	20	5	–	–	–	...
Transportation equipment	–	87	6	7	10	19	–	12	26	–	7	–	...
Other durable goods	–	65	–	–	17	8	5	17	10	–	3	5	...
Nondurable goods	–	84	–	16	25	5	5	15	–	5	13	–	...
Food and kindred products	–	31	–	10	5	–	–	5	–	5	6	–	...
Not specified manufacturing industries	–	5	–	–	–	5	–	–	–	–	–	–	...
Nonmanufacturing industries	18	614	11	29	32	49	42	112	158	83	42	56	47.0
Railroads and railway express service	–	313	–	20	–	22	33	59	83	45	20	31	47.7
Transportation, except railroads	–	15	–	–	–	5	5	–	–	5	–	–	...
Communications, and utilities and sanitary services	–	45	–	–	–	4	4	15	–	11	7	4	...
Wholesale and retail trade	18	107	8	–	23	13	–	22	19	5	6	11	39.3
All other industries	–	134	3	9	9	5	–	16	56	17	9	10	49.5
Farmers and farm managers	–	1 063	–	5	25	68	79	236	344	135	78	93	48.4
Farm laborers and farm foremen	86	692	147	103	75	79	33	97	81	13	32	32	26.3
Paid farm laborers and farm foremen	60	583	102	64	65	79	33	97	71	13	32	27	28.8
Unpaid family workers	26	109	45	39	10	–	–	–	10	–	–	5	18.5
Service workers, except private household[1]	94	3 924	256	147	307	259	259	516	1 020	510	388	262	47.1
Cleaning service workers	26	1 664	113	80	76	91	54	198	473	220	211	148	49.7
Food service workers	28	753	91	27	80	46	80	103	143	85	61	37	40.1
Cooks, except private household	5	125	27	5	15	23	17	11	13	–	9	5	28.4
Busboys and dishwashers	10	126	52	6	32	10	11	–	10	5	–	–	20.8
Health service workers	–	214	16	11	26	23	–	33	47	33	12	13	44.4
Personal service workers	20	491	19	25	64	23	40	83	135	38	30	34	44.0
Protective service workers	5	621	–	4	33	67	62	78	176	113	66	22	48.8
Firemen, fire protection	–	117	–	4	–	13	35	6	34	9	9	7	45.1
Guards and watchmen	–	240	–	–	5	4	4	23	78	81	35	10	55.4
Policemen and detectives	5	244	–	–	28	50	23	49	59	18	17	–	39.3
Private household workers	–	3	–	–	–	–	–	3	–	–	–	–	...

[1]Includes allocated cases not shown separately.

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

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

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

JOHNSTOWN SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	134	30 177	607	1 807	4 008	2 118	2 105	5 840	7 578	3 032	1 891	1 191	42.6
Professional, technical, and kindred workers	5	4 427	14	60	677	480	441	763	844	493	459	196	42.1
Accountants	–	56	–	–	5	7	–	–	18	15	–	11	...
Computer specialists	–	24	–	6	6	12	–	–	–	–	–	–	...
Librarians	–	136	6	9	13	5	10	19	27	20	27	–	47.2
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	1 281	–	6	209	138	179	326	265	100	34	24	38.3
Dietitians	–	19	–	–	–	–	–	19	–	–	–	–	...
Registered nurses	–	1 227	–	6	199	138	175	307	254	90	34	24	38.1
Health technologists and technicians	–	197	–	12	100	22	36	20	7	–	–	–	24.3
Social scientists	–	14	–	–	5	5	–	–	–	4	–	–	...
Social and recreation workers	–	99	–	–	4	14	10	15	13	21	22	–	...
Teachers: College and university	–	102	–	–	21	9	–	21	32	5	5	9	45.0
Elementary and prekindergarten	–	1 414	–	5	188	150	122	169	236	207	261	76	48.1
Secondary	–	596	–	–	42	56	60	109	147	89	60	33	47.1
Other teachers	–	77	–	4	24	10	5	10	15	–	5	4	...
Engineering and science technicians	–	37	–	6	9	8	–	9	–	–	5	–	...
Technicians, except health, and engineering and science	–	4	–	–	–	–	–	–	4	–	–	–	...
Writers, artists, and entertainers	–	112	8	6	22	14	–	15	17	4	10	16	39.0
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	29	–	–	9	10	–	–	–	–	10	–	...
Other professional, technical, and kindred workers	5	278	–	6	29	30	19	50	63	28	30	23	45.8
Managers and administrators, except farm	–	795	–	4	24	37	41	148	241	124	104	72	51.0
Buyers, purchasing agents, and sales managers	–	71	–	–	–	–	–	19	41	–	11	–	...
Restaurant, cafeteria, and bar managers	–	71	–	–	5	–	–	10	28	19	9	–	...
School administrators	–	54	–	–	–	–	6	10	14	5	4	15	...
Other specified managers and administrators	–	258	–	–	–	16	31	30	82	38	45	16	51.3
Managers and administrators, n.e.c., salaried	–	214	–	4	19	21	–	42	50	46	14	18	49.2
Wholesale and retail trade	–	90	–	4	5	5	–	20	16	22	14	4	...
Managers and administrators, n.e.c., self-employed	–	127	–	–	–	–	4	37	26	16	21	23	53.7
Wholesale and retail trade	–	91	–	–	–	–	4	31	21	12	11	12	...
Sales workers	24	2 524	108	121	178	116	120	545	772	250	177	137	46.0
Demonstrators, hucksters, and peddlers	–	112	11	–	4	11	5	14	22	12	17	16	50.0
Insurance, real estate agents, and brokers	–	23	–	–	–	–	–	4	10	4	–	5	...
Sales clerks, retail trade	5	2 041	62	102	115	89	102	460	648	217	151	95	46.4
Salesmen, retail trade	–	57	–	5	5	4	4	15	10	4	5	5	...
Other sales workers	19	291	35	14	54	12	9	52	82	13	4	16	39.1
Clerical and kindred workers	27	7 813	183	896	1 625	543	583	1 500	1 569	493	255	166	35.5
Bank tellers	–	247	5	24	55	15	19	69	32	18	10	–	35.8
Bookkeepers	6	1 082	8	92	173	73	51	261	266	63	70	25	40.5
Cashiers	–	766	56	70	110	40	45	186	164	51	24	20	38.3
Counter clerks, except food	–	131	6	8	17	5	5	26	23	36	5	–	44.4
Enumerators and interviewers	–	35	–	–	–	4	5	–	26	–	–	–	...
File clerks	–	116	11	11	51	–	4	8	23	4	–	4	23.5
Office machine operators	–	246	19	34	63	30	49	16	28	7	–	–	26.2
Bookkeeping and billing machine operators	–	50	–	5	5	14	17	–	9	–	–	–	...
Keypunch operators	–	162	19	29	44	16	26	10	14	4	–	–	23.8
Payroll and timekeeping clerks	–	64	–	3	10	6	15	12	18	–	–	–	...
Receptionists	–	211	–	36	25	5	30	37	37	19	18	4	37.6
Secretaries	6	2 501	11	334	721	224	181	364	458	113	47	48	29.1
Stenographers	–	178	6	29	75	15	18	18	4	–	10	3	23.6
Telephone operators	–	309	10	63	31	22	23	68	47	23	22	–	35.8
Typists	–	470	17	75	113	27	48	66	74	25	10	15	30.3
Other clerical and kindred workers	15	1 457	34	117	181	77	90	369	369	134	39	47	41.2
Craftsmen and kindred workers	4	474	12	15	34	23	24	105	172	63	15	11	46.4
Foremen, n.e.c.	–	207	–	–	5	4	6	63	82	38	9	–	48.1
Operatives, except transport	10	6 349	39	419	927	512	500	1 481	1 592	578	204	97	40.2
Assemblers	–	93	–	10	13	6	7	10	23	24	–	–	...
Bottling and canning operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	292	–	14	26	15	15	67	110	41	4	–	45.8
Dressmakers and seamstresses, except factory	–	75	–	–	–	6	4	9	27	19	6	4	...
Laundry and dry cleaning operatives, including ironers	–	555	18	5	33	37	27	105	179	85	39	27	47.9
Graders and sorters, manufacturing	–	10	–	–	–	–	–	10	–	–	–	–	...
Packers and wrappers, except produce	6	439	–	45	100	19	51	57	118	36	7	6	35.8
Sewers and stitchers	–	3 419	17	239	577	304	280	920	750	235	69	28	38.2
Textile operatives	–	24	–	–	–	9	–	5	10	–	–	–	...
Other specified operatives	4	710	4	59	100	61	62	135	156	70	36	27	40.1
Miscellaneous and not specified operatives	–	732	–	47	78	55	54	163	219	68	43	5	43.1
Manufacturing	–	659	–	35	78	55	54	152	193	58	29	5	42.1
Durable goods	–	123	–	10	27	8	21	34	23	–	–	–	33.9
Machinery, including electrical	–	28	–	–	10	–	4	4	10	–	–	–	...
Other durable goods	–	95	–	10	17	8	17	30	13	–	–	–	...
Nondurable goods, including not specified manufacturing	–	536	–	25	51	47	33	118	170	58	29	5	44.5
Food and kindred products	–	40	–	–	–	–	–	–	14	11	15	–	...
Apparel and other fabricated textile products	–	409	–	14	26	37	19	111	140	43	14	5	44.8
Nonmanufacturing industries	–	73	–	12	–	–	–	11	26	10	14	–	...
Transport equipment operatives	–	98	10	4	6	–	–	24	28	12	14	–	...
Laborers, except farm	7	231	11	21	26	10	3	43	69	9	18	21	45.2
Farmers and farm managers	–	100	–	–	9	–	11	9	25	18	22	6	...
Farm laborers and farm foremen	5	229	29	–	2	12	20	46	53	32	30	5	46.0
Paid farm laborers and farm foremen	–	92	19	–	–	–	10	21	12	10	20	–	...
Unpaid family workers	5	137	10	–	2	12	10	25	41	22	10	5	47.3
Service workers, except private household[1]	31	6 440	187	252	482	378	335	1 096	2 010	830	522	348	47.4
Cleaning service workers	6	1 042	21	5	22	21	27	162	347	149	190	98	52.6
Chambermaids and maids	–	245	8	5	12	11	9	42	72	22	41	23	49.9
Food service workers	20	2 512	143	90	149	109	180	405	850	326	171	89	47.1
Cooks, except private household	–	794	–	–	13	14	39	82	375	146	84	41	51.6
Waiters and food counter workers	16	1 158	123	71	99	68	100	242	317	65	41	32	39.9
Health service workers	–	1 452	9	108	182	110	53	315	416	158	81	20	43.4
Nursing aides, orderlies, and attendants	–	754	9	36	54	54	22	185	249	104	29	12	45.7
Practical nurses	–	469	–	50	67	36	27	81	130	32	42	4	41.7
Personal service workers	–	1 149	10	16	112	116	61	172	330	161	68	103	47.7
Hairdressers and cosmetologists	–	410	5	12	77	80	19	53	106	37	17	4	37.3
Private household workers	21	697	14	15	18	7	27	80	203	130	71	132	54.2
Private household workers, living in	–	75	–	–	–	–	–	–	25	18	8	24	...
Private household workers, living out	21	622	14	15	18	7	27	80	178	112	63	108	53.4

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

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

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

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

LANCASTER SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	1 495	84 900	3 299	3 502	9 720	9 611	8 572	17 386	16 441	6 505	5 413	4 451	39.5
Professional, technical, and kindred workers	13	9 517	31	83	1 194	1 589	1 392	2 144	1 772	547	420	345	37.2
Accountants	–	689	–	5	83	71	98	174	109	63	48	38	40.0
Architects	–	29	–	–	–	5	–	9	5	–	10	–	...
Computer specialists	–	247	–	5	47	91	32	39	24	–	9	–	28.9
Engineers	–	1 467	–	–	80	226	192	392	449	54	44	30	41.0
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–	–
Civil	–	98	–	–	–	6	11	21	28	9	7	16	...
Electrical and electronic	–	364	–	–	18	39	42	122	117	10	11	5	41.8
Mechanical	–	262	–	–	10	50	22	43	120	4	13	–	45.5
Other engineers	–	743	–	–	52	131	117	206	184	31	13	9	38.5
Lawyers and judges	–	152	–	–	–	9	14	43	37	25	4	20	47.7
Life and physical scientists	–	282	–	–	23	45	57	58	64	30	5	–	37.8
Chemists	–	215	–	–	17	37	57	28	56	15	5	–	34.7
Physicians, dentists, and related practitioners	–	657	–	–	–	19	67	184	165	77	65	80	48.5
Dentists	–	178	–	–	–	4	28	49	61	27	5	4	46.3
Pharmacists	–	79	–	–	–	15	10	12	11	–	21	10	...
Physicians, medical and osteopathic	–	333	–	–	–	–	19	89	82	50	35	58	52.1
Other related practitioners	–	67	–	–	–	–	10	34	11	–	4	8	...
Health technologists and technicians	–	77	–	12	20	17	10	–	5	5	4	4	...
Religious workers	–	434	–	–	25	45	60	101	94	36	32	41	43.6
Social scientists	–	98	–	–	29	27	9	15	11	7	–	–	...
Social and recreation workers	–	161	–	12	69	14	23	22	10	–	10	1	25.0
Teachers	6	2 152	–	–	398	491	422	408	216	82	67	68	32.2
College and university	–	610	–	–	56	78	143	138	97	47	16	35	37.0
Elementary and prekindergarten	–	400	–	–	107	138	39	68	23	–	21	4	28.4
Secondary	–	1 063	–	–	199	275	236	189	87	35	30	12	31.2
Engineering and science technicians	5	1 284	15	21	272	219	166	301	164	85	34	7	33.5
Draftsmen and surveyors	–	487	5	–	107	71	65	132	49	42	9	7	34.7
Electrical and electronic engineering technicians	–	330	5	9	51	53	55	97	50	10	–	–	34.3
Technicians, except health, and engineering and science	–	78	–	–	12	5	10	27	9	–	8	7	...
Airplane pilots	–	21	–	–	8	–	5	4	–	–	4	–	...
Writers, artists, and entertainers	2	662	16	22	53	105	100	133	179	10	14	30	37.6
Other professional, technical, and kindred workers	–	1 048	–	6	83	200	132	238	231	73	66	19	39.3
Managers and administrators, except farm	4	7 395	5	31	317	581	823	1 844	2 046	801	542	405	45.5
Buyers, purchasing agents, and sales managers	–	1 043	–	7	49	103	106	331	255	93	69	30	42.7
School administrators	–	246	–	–	–	16	35	82	66	24	11	12	43.8
Specified managers and administrators, public administration	–	285	–	–	–	8	21	50	114	43	32	17	50.6
Other specified managers and administrators	–	1 042	–	8	57	89	148	235	249	81	104	71	44.3
Managers and administrators, n.e.c., salaried	4	3 656	5	16	197	289	469	927	998	351	229	175	44.2
Manufacturing	–	1 349	–	–	32	62	218	348	417	120	86	66	45.3
Wholesale and retail trade	4	1 135	–	10	123	132	116	252	274	136	49	43	42.4
Transportation, communications, and other public utilities	–	198	5	–	4	–	27	63	52	11	25	11	45.0
All other industries	–	974	–	6	38	95	108	264	255	84	69	55	44.1
Managers and administrators, n.e.c., self-employed	–	1 123	–	–	14	76	44	219	364	209	97	100	50.7
Construction	–	180	–	–	–	4	12	52	55	31	23	3	49.0
Manufacturing	–	129	–	–	–	12	5	21	24	39	9	19	55.3
Wholesale and retail trade	–	580	–	–	9	29	27	117	201	95	57	45	50.4
All other industries	–	234	–	–	5	31	–	29	84	44	8	33	51.2
Sales workers	314	5 103	282	123	441	545	441	1 042	1 069	408	334	418	41.9
Insurance agents, brokers, and underwriters	–	549	–	–	35	60	70	119	120	45	59	41	44.2
Real estate agents and brokers	–	199	–	–	9	13	15	51	60	14	9	28	46.9
Sales representatives, manufacturing industries	–	599	5	–	46	86	87	127	159	50	16	23	40.9
Sales representatives, wholesale trade	3	891	8	5	82	77	59	257	204	74	65	60	43.3
Sales clerks, retail trade	32	1 476	184	68	182	149	56	213	261	109	99	155	39.6
Salesmen, retail trade	–	769	17	18	37	106	102	167	136	55	49	82	41.3
Salesmen of services and construction	–	141	–	–	9	8	20	26	42	23	3	10	46.8
Other sales workers	279	479	68	32	41	46	32	82	87	38	34	19	37.5
Clerical and kindred workers	22	5 422	180	260	773	579	451	1 090	971	441	367	310	39.3
Bank tellers and cashiers	7	311	78	37	71	25	35	26	15	12	–	12	22.9
Bookkeepers and billing clerks	–	519	–	5	66	36	42	127	107	36	35	65	43.7
Mail handlers and postal clerks	5	641	–	5	49	26	28	229	191	75	14	24	44.3
Other clerical and kindred workers	10	3 951	102	213	587	492	346	708	658	318	318	209	38.3
Craftsmen and kindred workers	49	20 395	255	577	2 291	2 484	2 098	4 556	4 250	1 685	1 362	837	40.5
Apparel craftsmen and upholsterers	–	204	–	7	16	30	12	15	47	21	29	27	49.7
Bakers	–	104	20	–	4	10	15	9	8	21	8	9	38.3
Cabinetmakers	–	243	–	17	42	18	32	62	41	27	4	–	37.0
Construction craftsmen	–	6 065	82	209	744	799	526	1 376	1 290	424	343	272	39.9
Carpenters	–	2 145	18	72	234	258	154	479	520	155	145	110	42.0
Excavating, grading, and road machine operators	–	447	4	16	73	75	53	85	76	36	14	15	35.3
Electricians	–	863	6	8	103	156	103	215	135	71	43	23	37.6
Masons and tile setters	–	646	18	36	115	110	37	179	90	28	27	6	35.4
Painters, construction and maintenance, and paperhangers	–	689	19	23	43	49	52	142	182	61	60	58	45.9
Plasterers and cement finishers	–	321	12	12	72	61	32	34	61	19	6	12	30.5
Plumbers and pipe fitters	–	720	–	32	37	68	58	211	173	54	43	44	42.8
Other construction craftsmen	–	234	5	10	67	22	37	31	53	–	5	4	31.8
Foremen, n.e.c.	–	2 962	5	11	122	263	346	790	821	323	209	72	44.3
Manufacturing	–	2 179	5	5	76	190	251	600	616	228	164	44	44.4
Nonmanufacturing industries	–	783	–	6	46	73	95	190	205	95	45	28	44.0
Linemen and servicemen, telephone and power	–	446	–	–	90	95	72	87	56	11	31	4	32.6
Locomotive engineers and firemen	–	48	–	–	–	–	4	–	13	22	9	–	...
Mechanics and repairmen	28	4 449	93	173	568	567	427	960	793	324	326	218	39.1
Air conditioning, heating, and refrigeration	–	257	–	4	16	35	42	66	40	34	14	6	39.8
Aircraft	–	56	–	4	–	20	–	18	9	5	–	–	...
Automobile, including body	28	1 914	61	88	320	235	162	410	363	98	105	72	37.2
Radio and television	–	163	–	9	13	15	37	28	29	18	14	–	37.7
Other mechanics and repairmen	–	2 059	32	68	219	262	186	438	352	169	193	140	41.0
Metal craftsmen, except mechanics	–	2 727	14	28	283	305	368	710	559	217	164	79	40.1
Machinists and job and die setters	–	975	–	13	117	76	131	263	191	82	59	43	40.7
Sheetmetal workers and tinsmiths	–	260	5	6	27	36	31	54	57	10	34	–	39.6
Tool and die makers	–	577	–	5	57	62	77	151	152	37	32	4	40.8
Other metal craftsmen	–	915	9	4	82	131	129	242	159	88	39	32	39.2
Printing craftsmen	–	922	4	75	166	148	102	190	138	53	33	13	33.3
Compositors and typesetters	–	325	4	27	45	52	28	85	51	15	14	4	35.8
Pressmen and plate printers, printing	–	482	–	38	107	77	47	95	65	29	19	5	32.0
Stationary engineers and power station operators	–	295	–	14	30	15	44	51	49	33	37	22	43.7
Other craftsmen and kindred workers	21	1 930	37	43	226	234	150	306	435	209	169	121	44.0

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

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

LANCASTER SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**76**	**13 908**	**541**	**899**	**1 859**	**1 567**	**1 379**	**2 747**	**2 392**	**1 078**	**1 005**	**441**	**37.6**
Assemblers	–	969	14	79	177	68	84	269	149	64	61	4	37.3
Checkers, examiners, and inspectors; manufacturing	–	1 111	–	59	128	139	133	207	239	82	97	27	39.7
Garage workers and gas station attendants	40	535	157	86	50	26	44	56	55	24	24	13	22.5
Laundry and drycleaning operatives, n.e.c	6	61	–	–	4	–	–	13	19	–	11	14	...
Meat cutters and butchers	5	405	9	7	48	68	69	65	38	22	38	41	35.2
Mine operatives, n.e.c	–	173	9	9	28	13	20	37	37	9	11	–	37.0
Packers and wrappers, except produce	–	538	28	89	82	51	23	67	105	41	32	20	34.1
Painters, manufactured articles	–	202	–	18	48	15	12	68	24	13	4	–	36.2
Precision machine operatives	–	1 086	13	53	100	196	131	235	159	111	67	21	37.1
Sawyers	–	127	4	4	8	–	10	49	28	7	17	–	42.7
Stationary firemen	–	139	–	5	–	6	19	26	39	17	13	14	48.5
Textile operatives	–	346	51	6	66	37	16	46	37	36	21	30	34.1
Welders and flamecutters	–	970	13	53	132	140	110	180	190	74	60	18	37.1
Other metalworking operatives	–	962	29	59	135	98	95	172	171	104	68	31	38.8
Other specified operatives	25	2 102	108	120	237	208	193	397	444	127	178	90	39.7
Miscellaneous and not specified operatives	–	4 182	106	252	616	502	420	860	658	347	303	118	37.3
Occupation:													
Machine operatives, miscellaneous specified	–	2 096	21	104	292	228	174	461	366	241	165	44	40.0
Machine operatives, not specified	–	620	–	15	84	118	64	135	103	49	36	16	37.1
Miscellaneous operatives	–	948	80	109	138	106	119	143	113	44	53	43	31.7
Not specified operatives	–	518	5	24	102	50	63	121	76	13	49	15	36.2
Industry:													
Manufacturing	–	3 802	87	195	580	447	382	790	622	337	275	87	37.7
Durable goods	–	2 561	15	124	343	340	269	539	497	234	150	50	38.5
Wood products, including furniture	–	142	10	17	9	20	5	12	33	10	5	21	43.3
Primary metal industries	–	381	–	6	51	68	62	112	49	9	10	14	35.3
Fabricated metal industries	–	304	–	33	51	21	33	44	52	39	27	4	38.2
Machinery, including electrical	–	600	–	29	83	88	67	152	109	55	17	–	37.2
Motor vehicles and equipment	–	33	–	–	6	3	–	5	14	5	–	–	...
Transportation equipment, except motor vehicles	–	180	–	14	35	46	29	29	18	5	–	4	29.5
Other durable goods	–	921	5	25	108	94	73	185	222	111	91	7	43.4
Nondurable goods	–	1 236	72	71	237	107	113	251	125	103	120	37	35.7
Food and kindred products	–	504	33	22	82	36	63	85	56	56	62	9	36.9
Apparel and other fabricated textile products	–	132	15	8	14	10	11	37	5	9	14	9	37.2
Paper and allied products	–	219	5	13	60	34	–	50	31	10	10	6	29.6
Chemicals and allied products	–	52	–	4	–	5	18	6	5	5	6	3	...
Other nondurable goods	–	329	19	24	81	22	21	73	28	23	28	10	34.4
Not specified manufacturing industries	–	5	–	–	–	–	–	–	–	–	5	–	...
Nonmanufacturing industries	–	380	19	57	36	55	38	70	36	10	28	31	33.0
Transportation, communications, and other public utilities	–	55	–	–	5	5	–	20	4	6	9	6	...
Wholesale and retail trade	–	157	19	21	11	23	16	25	23	–	6	13	31.4
All other industries	–	168	–	36	20	27	22	25	9	4	13	12	30.2
Transport equipment operatives	**11**	**5 920**	**38**	**160**	**707**	**824**	**816**	**1 417**	**1 165**	**342**	**238**	**213**	**37.9**
Bus drivers	–	138	–	–	7	–	4	8	56	36	8	19	53.9
Taxicab drivers and chauffeurs	–	113	–	11	40	14	5	9	9	5	–	20	27.0
Truck drivers and deliverymen	11	4 662	38	138	472	705	648	1 151	957	239	164	150	37.9
Other transport equipment operatives	–	1 007	–	11	188	105	159	249	143	62	66	24	36.6
Laborers, except farm	**168**	**5 279**	**599**	**538**	**849**	**513**	**290**	**825**	**811**	**319**	**302**	**233**	**32.4**
Construction laborers	12	1 206	51	161	290	131	56	154	188	36	93	46	28.9
Freight, stock, and material handlers	65	2 019	299	241	266	189	134	369	280	118	70	53	30.5
Other specified laborers	70	927	147	70	148	88	35	118	134	94	46	47	31.5
Miscellaneous and not specified laborers	21	1 127	102	66	145	105	65	184	209	71	93	87	39.4
Occupation:													
Miscellaneous laborers	5	288	19	6	49	41	9	45	46	37	27	9	39.4
Not specified laborers	16	839	83	60	96	64	56	139	163	34	66	78	39.4
Industry:													
Manufacturing	5	754	55	48	114	82	42	132	149	37	69	26	37.7
Durable goods	5	560	32	38	85	59	32	105	108	37	47	17	38.2
Wood products, including furniture	–	34	6	6	–	–	–	12	–	–	–	10	...
Metal industries	5	220	16	19	38	34	14	49	24	5	14	7	31.1
Machinery, including electrical	–	81	4	4	23	6	10	5	11	6	12	–	...
Transportation equipment	–	23	–	–	11	–	–	–	7	–	5	–	...
Other durable goods	–	202	6	9	13	19	8	39	66	26	16	–	46.1
Nondurable goods	–	189	23	5	29	23	10	27	41	–	22	9	36.7
Food and kindred products	–	59	7	–	6	10	10	10	11	–	5	–	...
Not specified manufacturing industries	–	5	–	5	–	–	–	–	–	–	–	–	...
Nonmanufacturing industries	16	373	47	18	31	23	23	52	60	34	24	61	43.6
Railroads and railway express service	–	50	–	6	–	–	4	7	20	13	–	–	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	5	44	3	–	11	–	–	8	6	–	9	7	...
Wholesale and retail trade	11	182	40	12	11	11	10	30	16	12	9	31	37.3
All other industries	–	97	4	–	9	12	9	7	18	9	6	23	...
Farmers and farm managers	**15**	**3 978**	**20**	**62**	**282**	**467**	**522**	**925**	**919**	**263**	**208**	**310**	**41.9**
Farm laborers and farm foremen	**591**	**2 540**	**694**	**442**	**495**	**182**	**111**	**201**	**147**	**88**	**52**	**128**	**21.4**
Paid farm laborers and farm foremen	374	1 941	450	248	380	171	100	190	141	81	52	128	23.6
Unpaid family workers	217	599	244	194	115	11	11	11	6	7	–	–	18.6
Service workers, except private household[1]	**227**	**5 422**	**654**	**327**	**512**	**275**	**249**	**595**	**894**	**533**	**572**	**811**	**46.1**
Cleaning service workers	52	2 169	134	100	130	60	79	204	403	294	305	460	54.4
Food service workers	128	1 417	466	134	160	63	49	147	174	66	69	89	23.4
Cooks, except private household	28	357	89	36	19	25	25	66	53	15	24	5	31.9
Busboys and dishwashers	66	422	230	52	72	8	–	9	13	8	4	26	17.8
Health service workers	–	136	11	44	30	7	–	12	5	7	14	6	22.2
Personal service workers	24	501	23	24	68	28	51	60	71	46	60	70	44.4
Protective service workers	–	892	–	–	42	97	60	129	190	93	111	170	51.2
Firemen, fire protection	–	88	–	–	6	12	13	16	41	–	–	–	...
Guards and watchmen	–	545	–	–	25	10	21	60	106	77	106	140	58.3
Policemen and detectives	–	235	–	–	11	75	26	53	43	11	5	11	36.0
Private household workers	**5**	**21**	**–**	**–**	**–**	**5**	**–**	**–**	**5**	**–**	**11**	**–**	**...**

[1]Includes allocated cases not shown separately.

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

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

LANCASTER SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	650	51 800	1 929	3 256	7 020	4 529	4 194	10 322	10 695	4 189	3 280	2 386	39.8
Professional, technical, and kindred workers	–	6 525	30	147	1 124	929	663	1 319	1 119	532	447	215	37.8
Accountants	–	155	–	9	22	21	6	28	19	15	25	10	42.0
Computer specialists	–	48	–	–	10	10	–	12	12	4	–	–	...
Librarians	–	217	–	–	35	32	–	36	49	16	30	19	46.1
Mathematical specialists	–	14	–	–	–	–	–	9	5	–	–	–	...
Life and physical scientists	–	34	–	–	18	5	–	6	–	5	–	–	...
Registered nurses, dietitians, and therapists	–	1 644	–	–	252	171	193	409	284	164	93	78	40.0
Dietitians	–	28	–	–	–	5	5	–	3	–	6	9	...
Registered nurses	–	1 544	–	–	246	151	184	394	263	154	83	69	39.8
Health technologists and technicians	–	220	–	16	65	58	15	22	23	9	12	–	27.5
Social scientists	–	8	–	–	–	–	4	–	4	–	–	–	...
Social and recreation workers	–	197	5	–	52	22	10	41	29	15	23	–	37.3
Teachers: College and university	–	129	–	19	18	4	14	30	23	5	12	4	38.2
Elementary and prekindergarten	–	1 867	–	23	327	336	183	325	305	153	171	44	37.0
Secondary	–	659	–	–	170	97	103	90	101	52	30	16	33.0
Other teachers	–	311	5	4	8	70	32	56	36	34	38	28	41.5
Engineering and science technicians	–	205	6	33	21	19	22	38	57	9	–	–	35.4
Technicians, except health, and engineering and science	–	5	–	5	–	–	–	–	–	–	–	–	...
Writers, artists, and entertainers	–	268	5	18	54	25	37	71	54	–	4	–	34.3
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	71	5	–	16	9	3	20	18	–	–	–	...
Other professional, technical, and kindred workers	–	544	9	20	72	59	44	146	118	51	9	16	39.7
Managers and administrators, except farm	–	1 123	–	14	62	63	68	255	348	116	78	119	47.9
Buyers, purchasing agents, and sales managers	–	166	–	–	19	12	5	42	46	20	13	9	46.1
Restaurant, cafeteria, and bar managers	–	165	–	–	–	5	6	59	46	22	16	11	47.7
School administrators	–	40	–	5	–	6	7	6	12	–	–	4	...
Other specified managers and administrators	–	270	–	9	13	14	19	43	97	31	19	25	48.8
Managers and administrators, n.e.c., salaried	–	354	–	–	30	26	23	85	118	34	7	31	46.1
Wholesale and retail trade	–	158	–	–	6	14	4	32	68	14	7	13	48.4
Managers and administrators, n.e.c., self-employed	–	128	–	–	–	–	8	20	29	9	23	39	58.9
Wholesale and retail trade	–	89	–	–	–	–	4	13	18	9	12	33	...
Sales workers	81	3 743	322	288	264	221	258	742	769	389	249	241	42.0
Demonstrators, hucksters, and peddlers	5	249	–	9	26	36	41	55	45	16	9	12	37.3
Insurance, real estate agents, and brokers	–	99	–	–	10	14	–	9	27	24	10	5	...
Sales clerks, retail trade	62	2 809	284	257	182	109	178	575	537	307	212	168	41.9
Salesmen, retail trade	–	95	–	–	–	7	–	29	30	–	5	24	...
Other sales workers	14	491	38	22	46	55	39	74	130	42	13	32	41.1
Clerical and kindred workers	26	13 140	324	1 147	2 657	1 166	1 148	2 557	2 493	702	620	326	35.5
Bank tellers	–	280	–	4	49	38	26	57	76	8	11	11	39.0
Bookkeepers	–	1 770	22	75	293	151	135	361	428	131	98	76	40.8
Cashiers	21	932	132	150	101	52	76	169	124	57	38	33	32.0
Counter clerks, except food	–	189	–	19	45	–	37	9	41	14	24	–	34.1
Enumerators and interviewers	–	21	–	–	11	–	–	10	–	–	–	–	...
File clerks	–	264	12	40	50	8	25	40	37	10	27	15	34.4
Office machine operators	–	447	12	72	126	25	65	56	64	11	16	–	27.7
Bookkeeping and billing machine operators	–	82	–	28	15	4	18	8	4	5	–	–	...
Keypunch operators	–	288	4	38	98	21	34	34	37	6	16	–	26.0
Payroll and timekeeping clerks	–	290	5	14	33	27	5	62	94	24	16	10	44.8
Receptionists	–	386	5	27	75	37	28	55	102	11	32	14	38.8
Secretaries	–	3 902	19	292	975	486	368	720	660	191	119	72	32.4
Stenographers	–	166	5	16	64	6	14	27	18	16	–	–	24.8
Telephone operators	–	404	–	53	38	38	36	79	82	27	33	18	39.7
Typists	–	1 330	61	194	381	80	134	207	153	39	47	34	26.8
Other clerical and kindred workers	5	2 759	51	191	416	218	199	705	614	163	159	43	39.3
Craftsmen and kindred workers	5	1 333	26	47	139	95	97	267	367	125	93	77	44.8
Foremen, n.e.c.	–	321	5	–	11	26	16	69	132	30	27	5	47.5
Operatives, except transport	61	14 231	304	668	1 627	1 198	1 174	3 084	3 442	1 352	895	487	42.0
Assemblers	6	1 423	4	54	143	114	136	415	389	127	41	–	41.3
Bottling and canning operatives	–	22	–	–	–	–	–	15	4	–	3	–	...
Checkers, examiners, and inspectors; manufacturing	–	1 592	4	29	160	125	161	400	387	148	134	44	42.9
Dressmakers and seamstresses, except factory	–	162	–	4	6	5	–	26	47	30	14	30	53.5
Laundry and dry cleaning operatives, including ironers	–	459	6	21	49	16	32	84	122	52	68	9	46.8
Graders and sorters, manufacturing	–	52	–	–	10	9	6	11	16	–	–	–	...
Packers and wrappers, except produce	–	1 352	10	70	157	154	141	292	304	101	94	29	39.9
Sewers and stitchers	–	4 084	167	236	417	344	276	783	986	367	350	158	42.7
Textile operatives	–	308	8	14	15	21	17	60	64	36	25	18	43.2
Other specified operatives	44	2 193	59	100	303	190	188	404	525	213	86	125	41.3
Miscellaneous and not specified operatives	11	2 584	46	140	367	220	187	594	598	278	80	74	40.6
Manufacturing	11	2 447	36	135	367	193	178	568	589	261	61	59	40.5
Durable goods	7	1 192	4	58	164	122	89	290	293	140	21	11	40.5
Machinery, including electrical	–	500	–	19	28	47	27	110	157	98	10	4	46.2
Other durable goods	7	692	4	39	136	75	62	180	136	42	11	7	36.7
Nondurable goods, including not specified manufacturing	4	1 255	32	77	203	71	89	278	296	121	40	48	40.6
Food and kindred products	4	218	4	31	30	9	14	48	44	16	5	17	39.4
Apparel and other fabricated textile products	–	400	24	8	78	27	36	58	117	30	5	17	39.7
Nonmanufacturing industries	–	137	10	5	–	27	9	26	9	17	19	15	41.7
Transport equipment operatives	–	212	–	18	17	29	26	44	64	10	4	–	38.6
Laborers, except farm	19	712	42	43	65	58	50	151	132	54	69	48	41.5
Farmers and farm managers	5	214	–	–	23	26	12	35	41	24	19	34	47.7
Farm laborers and farm foremen	122	459	46	57	58	21	47	107	41	31	22	29	35.0
Paid farm laborers and farm foremen	22	243	18	20	35	7	25	76	13	19	9	21	37.2
Unpaid family workers	100	216	28	37	23	14	22	31	28	12	13	8	31.4
Service workers, except private household[1]	170	8 480	724	738	875	640	532	1 617	1 587	665	540	562	39.5
Cleaning service workers	27	1 250	87	50	64	72	47	215	307	143	123	142	47.9
Chambermaids and maids	21	414	45	34	35	13	21	72	99	33	43	19	43.2
Food service workers	73	3 944	491	362	271	261	212	813	803	276	223	232	39.6
Cooks, except private household	–	1 046	28	41	43	31	48	281	285	125	82	82	46.8
Waiters and food counter workers	35	1 931	321	233	204	155	125	359	302	77	93	62	32.1
Health service workers	22	1 636	88	191	304	146	117	314	188	145	69	74	33.8
Nursing aides, orderlies, and attendants	17	842	62	126	135	51	71	162	87	79	19	50	33.3
Practical nurses	–	621	4	49	152	63	41	103	88	61	44	16	35.1
Personal service workers	13	1 246	36	97	193	129	108	237	200	70	99	77	37.5
Hairdressers and cosmetologists	–	683	–	65	130	86	67	117	105	29	48	36	34.5
Private household workers	161	1 628	111	89	109	83	119	144	292	189	244	248	50.4
Private household workers, living in	–	93	–	–	3	15	11	13	10	7	11	23	...
Private household workers, living out	161	1 535	111	89	106	68	108	131	282	182	233	225	50.5

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

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

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

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

PHILADELPHIA, PA.–N.J., SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	10 788	1 165 250	26 830	38 369	112 899	129 107	113 614	251 658	264 384	103 216	74 877	50 296	41.4
Professional, technical, and kindred workers	137	185 216	393	1 974	20 576	30 313	24 280	45 395	36 081	11 361	8 553	6 290	38.3
Accountants	4	15 267	–	183	1 870	2 684	1 774	2 998	3 007	1 134	957	660	38.7
Architects	–	1 662	–	–	89	278	209	564	259	89	68	106	39.5
Computer specialists	–	7 201	4	76	1 081	2 018	1 539	1 783	615	35	39	11	31.4
Engineers	6	34 950	–	62	1 839	4 245	4 453	10 383	9 275	2 424	1 522	747	41.6
Aeronautical and astronautical	–	1 549	–	6	51	177	233	565	420	50	47	–	40.4
Civil	–	3 381	–	6	303	490	359	834	744	223	212	210	41.4
Electrical and electronic	–	8 747	–	13	518	1 108	1 186	2 972	1 992	474	377	107	40.2
Mechanical	–	5 847	–	5	242	552	739	1 840	1 597	507	213	152	42.5
Other engineers	6	15 426	–	32	725	1 918	1 936	4 172	4 522	1 170	673	278	42.4
Lawyers and judges	–	6 043	–	–	88	971	816	1 641	941	376	518	692	42.0
Life and physical scientists	–	5 603	5	25	406	890	801	1 559	1 268	329	199	121	39.3
Chemists	–	4 391	5	25	332	604	634	1 225	999	288	181	98	39.9
Physicians, dentists, and related practitioners	–	15 328	4	23	402	1 807	1 698	3 873	3 332	1 515	1 254	1 420	44.6
Dentists	–	2 572	–	–	30	255	272	511	643	275	269	317	48.4
Pharmacists	–	2 799	–	18	259	235	214	625	548	273	273	354	45.9
Physicians, medical and osteopathic	–	8 665	–	–	94	1 213	1 133	2 401	1 723	799	660	642	42.9
Other related practitioners	–	1 292	4	5	19	104	79	336	418	168	52	107	47.4
Health technologists and technicians	5	1 583	41	80	448	317	182	200	197	52	26	40	28.5
Religious workers	9	3 982	11	13	156	288	368	991	940	503	308	404	46.7
Social scientists	–	2 632	–	–	205	629	451	680	405	108	75	79	35.5
Social and recreation workers	5	2 593	4	30	570	552	251	595	376	127	47	41	32.8
Teachers	59	27 732	79	190	5 257	5 843	3 977	6 021	3 794	1 091	889	591	33.1
College and university	–	7 097	6	67	504	1 221	1 357	1 865	1 255	360	255	207	37.1
Elementary and prekindergarten	29	5 842	19	34	1 824	1 408	600	1 035	573	189	104	56	28.7
Secondary	12	12 924	12	41	2 664	2 984	1 825	2 750	1 616	413	424	195	32.1
Engineering and science technicians	5	20 942	99	623	3 607	3 602	2 511	4 779	3 652	1 086	738	245	35.1
Draftsmen and surveyors	–	9 334	66	315	1 832	1 553	1 163	2 008	1 470	415	342	170	33.9
Electrical and electronic engineering technicians	5	4 175	4	74	611	931	527	986	667	214	132	29	34.4
Technicians, except health, and engineering and science	–	1 890	7	34	151	247	305	474	389	160	66	57	39.2
Airplane pilots	–	559	–	5	10	84	127	179	123	25	6	–	38.0
Writers, artists, and entertainers	17	13 500	69	258	1 324	1 905	1 785	3 265	2 830	914	709	441	39.3
Other professional, technical, and kindred workers	27	24 308	70	377	3 083	4 037	3 160	5 589	4 801	1 418	1 138	635	37.6
Managers and administrators, except farm	124	125 601	91	422	5 289	11 105	12 788	33 923	34 708	12 702	8 759	5 814	44.8
Buyers, purchasing agents, and sales managers	22	19 153	15	32	959	1 901	2 181	5 466	5 183	1 871	989	556	43.2
School administrators	–	3 126	–	–	70	192	300	1 046	947	305	162	104	44.6
Specified managers and administrators, public administration	5	6 980	–	18	118	296	505	1 627	2 412	1 009	602	393	48.8
Other specified managers and administrators	26	22 984	22	87	1 562	2 587	2 499	5 510	5 551	2 186	1 826	1 154	43.6
Managers and administrators, n.e.c., salaried	62	60 654	49	266	2 360	5 456	6 467	17 417	16 853	5 653	3 798	2 335	44.0
Manufacturing	37	21 022	17	23	492	1 495	1 934	6 542	6 786	1 960	1 144	629	45.0
Wholesale and retail trade	25	16 462	15	131	1 030	2 040	1 859	4 139	3 991	1 610	1 020	627	42.6
Transportation, communications, and other public utilities	–	4 709	–	19	126	302	474	1 447	1 376	490	331	144	44.9
All other industries	–	18 461	17	93	712	1 619	2 200	5 289	4 700	1 593	1 303	935	43.7
Managers and administrators, n.e.c., self-employed	9	12 704	5	19	220	673	836	2 857	3 762	1 678	1 382	1 272	49.6
Construction	–	2 110	–	5	29	158	202	631	633	186	142	124	45.5
Manufacturing	–	1 284	–	6	15	57	65	287	383	187	138	146	50.5
Wholesale and retail trade	9	6 876	5	–	121	345	426	1 382	2 041	976	849	731	50.7
All other industries	–	2 434	–	8	55	113	143	557	705	329	253	271	49.8
Sales workers	3 907	90 156	2 899	2 942	7 879	10 087	8 347	18 511	19 539	8 018	6 195	5 739	42.0
Insurance agents, brokers, and underwriters	13	10 549	5	30	807	1 406	1 066	2 498	2 626	978	669	464	42.8
Real estate agents and brokers	–	3 860	6	9	167	275	336	968	951	415	292	441	46.8
Sales representatives, manufacturing industries	11	12 501	38	48	652	1 782	1 639	3 052	3 063	985	755	487	41.9
Sales representatives, wholesale trade	23	16 064	33	113	1 065	2 021	1 603	3 847	3 817	1 535	1 032	998	43.3
Sales clerks, retail trade	284	22 658	1 684	1 901	2 892	1 835	1 412	3 058	4 143	2 203	1 699	1 831	40.2
Salesmen, retail trade	11	9 240	145	267	815	884	714	2 041	2 098	877	781	618	43.8
Salesmen of services and construction	21	4 221	39	36	309	576	476	955	1 051	341	250	188	42.1
Other sales workers	3 544	11 063	949	538	1 172	1 308	1 101	2 092	1 790	684	717	712	37.2
Clerical and kindred workers	601	111 298	3 136	6 873	15 989	12 007	9 074	20 406	23 384	9 163	6 837	4 429	39.2
Bank tellers and cashiers	92	5 422	867	1 112	1 265	345	201	372	410	302	338	210	22.9
Bookkeepers and billing clerks	8	8 551	72	310	1 301	1 112	632	1 370	1 591	799	775	589	41.2
Mail handlers and postal clerks	13	15 953	156	820	1 641	1 279	1 280	3 947	4 496	1 289	702	343	42.1
Other clerical and kindred workers	488	81 372	2 041	4 631	11 782	9 271	6 961	14 717	16 887	6 773	5 022	3 287	39.1
Craftsmen and kindred workers	363	248 836	1 670	5 088	21 339	26 352	23 923	56 880	64 916	23 210	16 765	8 693	43.1
Apparel craftsmen and upholsterers	–	3 559	14	91	114	174	227	598	976	546	381	438	50.8
Bakers	14	2 918	96	98	229	286	217	522	785	306	225	154	45.1
Cabinetmakers	–	1 284	32	32	123	147	91	297	263	110	107	82	42.3
Construction craftsmen	69	62 438	296	1 302	5 561	6 029	5 819	14 226	16 555	5 653	4 521	2 476	43.6
Carpenters	21	16 458	59	487	1 513	1 412	1 480	3 879	4 211	1 452	1 154	811	43.5
Excavating, grading, and road machine operators	–	3 686	13	21	250	450	438	1 070	1 017	263	100	64	41.3
Electricians	–	11 609	65	150	1 220	1 345	1 081	2 449	3 033	1 044	879	343	42.9
Masons and tile setters	18	5 077	24	174	400	470	505	1 403	1 322	342	287	150	41.9
Painters, construction and maintenance, and paperhangers	25	7 509	94	151	579	556	545	1 364	1 950	905	870	495	47.4
Plasterers and cement finishers	–	2 367	–	10	209	178	285	614	665	157	138	111	43.2
Plumbers and pipe fitters	–	11 544	19	228	892	1 117	1 057	2 571	3 285	1 158	860	357	44.6
Other construction craftsmen	5	4 188	22	81	498	501	428	876	1 072	332	233	145	41.4
Foremen, n.e.c	13	34 523	21	78	1 039	2 461	3 185	9 285	11 252	3 946	2 423	833	46.1
Manufacturing	11	21 578	15	48	545	1 480	1 963	5 647	7 340	2 653	1 451	436	46.5
Nonmanufacturing industries	2	12 945	6	30	494	981	1 222	3 638	3 912	1 293	972	397	45.3
Linemen and servicemen, telephone and power	–	8 551	10	299	1 606	1 548	1 136	2 590	1 007	147	186	22	33.6
Locomotive engineers and firemen	–	980	–	–	10	12	18	115	522	122	131	50	51.4
Mechanics and repairmen	81	55 004	707	1 480	5 767	7 449	6 094	12 438	12 769	4 221	2 734	1 345	39.8
Air conditioning, heating, and refrigeration	–	3 816	29	75	312	485	413	962	916	268	210	146	41.2
Aircraft	–	1 359	5	12	95	187	175	380	392	78	31	4	40.4
Automobile, including body	61	20 813	437	972	2 900	3 062	2 507	4 405	3 957	1 283	877	413	36.2
Radio and television	4	2 882	36	58	249	338	284	746	820	190	104	57	41.4
Other mechanics and repairmen	16	26 134	200	363	2 211	3 377	2 715	5 945	6 684	2 402	1 512	725	42.1
Metal craftsmen, except mechanics	14	28 606	92	568	2 213	2 712	2 303	5 886	8 604	3 275	2 165	788	45.6
Machinists and job and die setters	10	11 155	58	251	928	1 101	830	2 269	3 264	1 256	846	352	45.4
Sheetmetal workers and tinsmiths	–	4 734	–	157	409	518	438	997	1 317	469	321	108	43.5
Tool and die makers	–	5 676	9	84	523	605	527	1 135	1 650	518	443	182	44.6
Other metal craftsmen	4	7 041	25	76	353	488	508	1 485	2 373	1 032	555	146	47.5
Printing craftsmen	14	11 708	147	400	1 154	1 413	1 428	2 583	2 293	1 013	796	481	40.1
Compositors and typesetters	7	4 424	53	188	384	468	480	961	854	432	393	211	41.6
Pressmen and plate printers, printing	7	5 616	94	175	628	780	748	1 272	1 054	419	267	179	38.0
Stationary engineers and power station operators	–	5 006	–	25	186	312	373	1 081	1 670	637	502	220	48.1
Other craftsmen and kindred workers	158	34 259	255	715	3 337	3 809	3 032	7 259	8 220	3 234	2 594	1 804	43.2

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

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

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

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

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**946**	**159 090**	**4 474**	**7 853**	**16 963**	**16 425**	**14 414**	**30 315**	**37 474**	**16 003**	**10 700**	**4 469**	**41.4**
Assemblers	23	10 358	231	497	1 373	1 155	987	1 863	2 500	942	607	203	40.0
Checkers, examiners, and inspectors; manufacturing	–	10 046	25	193	917	1 021	824	1 990	2 885	1 170	772	249	45.2
Garage workers and gas station attendants	201	6 493	1 763	1 585	887	343	304	480	565	243	161	162	19.9
Laundry and drycleaning operatives, n.e.c	9	1 572	108	78	127	65	76	310	380	156	206	66	45.6
Meat cutters and butchers	6	6 108	129	228	446	733	666	1 170	1 341	683	476	236	42.3
Mine operatives, n.e.c	–	257	12	–	10	38	42	50	56	30	9	10	40.3
Packers and wrappers, except produce	80	6 953	469	659	988	633	648	1 010	1 377	516	427	226	35.8
Painters, manufactured articles	9	2 602	45	146	306	215	224	574	605	265	174	48	41.4
Precision machine operatives	–	11 027	64	318	1 144	1 306	974	2 081	2 883	1 130	849	278	43.2
Sawyers	–	658	4	25	49	31	96	110	169	66	83	25	45.8
Stationary firemen	–	2 091	10	14	95	174	200	353	632	292	208	113	48.2
Textile operatives	11	3 203	66	106	219	303	182	547	659	503	409	209	47.7
Welders and flamecutters	4	11 977	69	246	912	1 088	1 023	2 200	3 820	1 668	795	156	46.2
Other metalworking operatives	11	7 180	85	255	638	613	640	1 467	1 987	819	513	163	44.3
Other specified operatives	454	32 758	580	1 355	3 431	3 546	3 151	6 799	7 091	3 041	2 357	1 407	41.3
Miscellaneous and not specified operatives	138	45 807	814	2 148	5 421	5 161	4 377	9 311	10 524	4 479	2 654	918	40.4
Occupation:													
Machine operatives, miscellaneous specified	17	19 817	272	758	2 072	2 220	1 897	4 207	4 804	1 959	1 292	336	41.4
Machine operatives, not specified	4	9 452	90	409	1 236	1 210	956	1 936	2 137	914	437	127	39.3
Miscellaneous operatives	106	11 818	390	762	1 621	1 291	1 089	2 157	2 474	1 057	638	339	38.5
Not specified operatives	11	4 720	62	219	492	440	435	1 011	1 109	549	287	116	42.0
Industry:													
Manufacturing	54	39 657	498	1 643	4 658	4 501	3 799	8 232	9 354	4 013	2 318	641	40.7
Durable goods	7	19 270	221	787	2 255	2 261	1 723	3 854	4 616	2 006	1 152	395	41.2
Wood products, including furniture	–	883	34	59	93	125	76	164	180	59	49	44	38.3
Primary metal industries	–	3 737	25	144	272	413	330	841	1 023	442	204	43	43.1
Fabricated metal industries	–	3 272	59	139	445	335	294	615	794	307	215	69	40.9
Machinery, including electrical	7	5 546	46	217	750	664	454	1 102	1 198	653	334	128	40.8
Motor vehicles and equipment	–	737	–	6	50	103	98	146	214	87	33	–	42.6
Transportation equipment, except motor vehicles	–	1 126	–	30	92	181	113	233	282	109	70	16	41.3
Other durable goods	–	3 969	57	192	553	440	358	753	925	349	247	95	40.1
Nondurable goods	47	19 987	277	857	2 328	2 177	2 053	4 298	4 656	1 977	1 133	241	40.4
Food and kindred products	34	3 148	74	106	321	274	319	706	812	308	190	38	41.8
Apparel and other fabricated textile products	–	706	29	36	68	50	84	91	142	122	57	27	44.5
Paper and allied products	–	3 962	49	197	402	407	433	997	958	304	178	37	39.9
Chemicals and allied products	–	5 081	15	124	640	626	560	1 129	1 167	506	262	52	40.1
Other nondurable goods	13	7 090	110	384	897	820	657	1 375	1 577	737	446	87	39.9
Not specified manufacturing industries	–	400	–	9	75	63	23	80	82	30	33	5	38.8
Nonmanufacturing industries	84	6 150	316	505	763	660	578	1 079	1 170	466	336	277	37.3
Transportation, communications, and other public utilities	5	1 276	16	117	230	184	75	265	251	63	50	25	35.6
Wholesale and retail trade	50	2 307	188	187	265	235	237	411	413	178	92	101	36.0
All other industries	29	2 567	112	201	268	241	266	403	506	225	194	151	39.9
Transport equipment operatives	**222**	**67 232**	**813**	**1 826**	**6 103**	**6 968**	**7 074**	**15 849**	**16 052**	**6 589**	**4 062**	**1 896**	**41.8**
Bus drivers	–	4 954	–	10	306	526	452	1 029	1 250	740	410	231	46.2
Taxicab drivers and chauffeurs	–	3 585	15	127	375	205	113	502	879	581	415	373	50.2
Truck drivers and deliverymen	139	43 889	694	1 227	3 860	4 437	4 898	10 962	10 662	3 978	2 347	824	41.2
Other transport equipment operatives	83	14 804	104	462	1 562	1 800	1 611	3 356	3 261	1 290	890	468	40.6
Laborers, except farm	**1 843**	**67 037**	**5 267**	**6 181**	**9 025**	**5 940**	**5 062**	**11 527**	**12 200**	**5 466**	**3 831**	**2 538**	**36.8**
Construction laborers	91	11 738	363	761	1 649	1 173	1 069	2 349	2 281	1 140	671	282	38.6
Freight, stock, and material handlers	595	26 807	2 735	3 197	3 779	2 411	2 024	4 508	4 318	2 086	1 197	552	33.2
Other specified laborers	1 008	17 594	1 556	1 485	2 161	1 388	1 257	2 801	3 190	1 350	1 219	1 187	38.4
Miscellaneous and not specified laborers	149	10 898	613	738	1 436	968	712	1 869	2 411	890	744	517	40.3
Occupation:													
Miscellaneous laborers	13	3 591	137	117	377	298	234	673	1 019	300	277	159	44.4
Not specified laborers	136	7 307	476	621	1 059	670	478	1 196	1 392	590	467	358	37.9
Industry:													
Manufacturing	27	6 058	185	428	900	663	422	1 047	1 285	534	427	167	39.1
Durable goods	12	3 878	77	273	541	437	281	721	800	368	273	107	39.6
Wood products, including furniture	–	156	9	11	24	4	10	34	44	–	16	4	40.9
Metal industries	3	2 175	33	134	303	243	170	426	444	226	148	48	39.8
Machinery, including electrical	9	568	16	72	64	62	49	70	120	44	57	14	38.0
Transportation equipment	–	318	5	12	42	43	24	46	64	37	32	13	42.2
Other durable goods	–	661	14	44	108	85	28	145	128	61	20	28	38.6
Nondurable goods	15	2 114	108	131	345	222	141	316	479	166	146	60	38.5
Food and kindred products	11	505	31	31	57	45	28	98	123	59	24	9	41.2
Not specified manufacturing industries	–	66	–	24	14	4	–	10	6	–	8	–	...
Nonmanufacturing industries	122	4 840	428	310	536	305	290	822	1 126	356	317	350	41.7
Railroads and railway express service	–	497	–	6	25	53	35	56	195	45	52	30	48.8
Transportation, except railroads	13	239	4	8	24	37	14	55	68	13	16	–	40.9
Communications, and utilities and sanitary services	5	1 095	11	28	118	57	52	314	325	87	53	50	44.0
Wholesale and retail trade	24	1 477	237	146	197	84	91	182	245	99	87	109	34.1
All other industries	80	1 532	176	122	172	74	98	215	293	112	109	161	40.8
Farmers and farm managers	**15**	**4 815**	**13**	**37**	**190**	**351**	**343**	**1 026**	**1 184**	**535**	**457**	**679**	**48.8**
Farm laborers and farm foremen	**341**	**5 191**	**605**	**442**	**716**	**499**	**382**	**812**	**615**	**318**	**365**	**437**	**34.4**
Paid farm laborers and farm foremen	288	4 811	512	354	640	499	372	785	596	305	342	406	35.4
Unpaid family workers	53	380	93	88	76	–	10	27	19	13	23	31	20.6
Service workers, except private household[1]	**2 246**	**99 957**	**7 418**	**4 695**	**8 820**	**9 009**	**7 896**	**16 906**	**18 121**	**9 773**	**8 238**	**9 081**	**42.2**
Cleaning service workers	448	27 329	1 540	1 230	1 633	1 340	1 294	3 762	5 812	3 894	3 556	3 268	49.9
Food service workers	1 062	23 586	4 786	2 286	2 072	1 424	1 521	3 365	3 591	1 993	1 274	1 274	34.0
Cooks, except private household	155	7 612	1 099	718	635	592	656	1 199	1 267	693	446	307	35.9
Busboys and dishwashers	658	4 851	2 456	763	492	174	96	214	245	105	99	207	18.0
Health service workers	23	2 942	207	244	603	278	234	454	438	223	134	127	33.0
Personal service workers	187	9 416	535	227	901	1 026	836	1 485	1 586	987	742	1 091	43.0
Protective service workers	21	26 521	33	75	2 289	3 956	3 077	5 892	4 827	1 843	1 920	2 609	41.5
Firemen, fire protection	–	3 535	5	–	396	708	495	714	892	200	84	41	37.3
Guards and watchmen	21	9 689	23	35	573	567	509	1 238	2 007	1 251	1 501	1 985	54.5
Policemen and detectives	–	12 394	5	40	1 303	2 647	2 051	3 879	1 783	313	244	129	35.4
Private household workers	**43**	**821**	**51**	**36**	**10**	**51**	**31**	**108**	**110**	**78**	**115**	**231**	**55.9**

[1]Includes allocated cases not shown separately.

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

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

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

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

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	4 633	713 247	18 153	39 163	108 295	66 067	51 872	134 189	160 285	62 422	43 371	29 430	40.4
Professional, technical, and kindred workers	145	109 013	319	1 758	23 677	17 662	10 266	20 444	18 781	7 313	5 568	3 225	35.4
Accountants	5	3 764	6	156	615	384	253	861	980	289	161	59	40.4
Computer specialists	–	1 546	–	52	608	381	167	159	164	10	5	–	26.5
Librarians	5	2 254	16	52	292	271	182	447	528	214	155	97	42.0
Mathematical specialists	–	323	–	18	61	46	31	58	67	8	16	18	35.9
Life and physical scientists	5	1 024	–	10	252	263	118	209	104	16	29	23	29.8
Registered nurses, dietitians, and therapists	23	23 079	27	105	4 501	3 372	2 415	4 952	4 448	1 649	1 071	539	37.3
Dietitians	–	880	–	8	64	144	90	172	200	94	62	46	42.8
Registered nurses	23	21 088	27	80	4 124	3 026	2 197	4 592	4 115	1 501	970	456	37.4
Health technologists and technicians	11	5 558	17	320	2 114	1 109	479	674	486	214	90	55	26.5
Social scientists	–	593	–	–	128	143	81	93	109	19	16	4	31.6
Social and recreation workers	8	4 113	38	60	953	690	363	605	807	296	178	123	34.3
Teachers: College and university	–	2 534	5	45	315	525	344	468	465	167	106	94	35.7
Elementary and prekindergarten	17	27 493	16	287	6 587	4 742	2 402	4 966	3 905	2 049	1 837	702	34.4
Secondary	12	10 912	5	30	2 787	1 945	995	1 924	1 769	661	560	236	33.5
Other teachers	15	2 560	37	44	325	386	275	513	390	177	201	212	39.2
Engineering and science technicians	–	2 386	24	139	609	300	152	446	484	131	67	34	34.0
Technicians, except health, and engineering and science	–	396	–	9	63	43	54	65	93	34	35	–	39.5
Writers, artists, and entertainers	16	5 431	67	130	1 072	752	455	1 137	1 009	393	171	245	37.1
Actors and dancers	–	118	–	13	43	26	15	21	–	–	–	–	25.6
Authors, editors, and reporters	–	1 567	15	23	235	265	142	364	343	90	37	53	37.8
Other professional, technical, and kindred workers	28	15 047	61	301	2 395	2 310	1 500	2 867	2 973	986	870	784	38.3
Managers and administrators, except farm	25	20 895	43	220	1 710	1 474	1 486	4 151	6 027	2 568	1 873	1 343	47.3
Buyers, purchasing agents, and sales managers	4	3 653	19	40	534	255	172	658	1 107	495	273	100	46.3
Restaurant, cafeteria, and bar managers	–	1 713	4	23	38	57	151	347	568	270	174	81	49.2
School administrators	–	1 398	–	6	27	63	89	353	393	181	184	102	49.1
Other specified managers and administrators	21	5 103	15	109	484	475	453	961	1 350	540	387	329	45.4
Managers and administrators, n.e.c., salaried	–	6 968	5	42	582	538	499	1 553	2 025	750	584	390	46.3
Wholesale and retail trade	–	2 361	–	20	218	140	176	515	673	284	210	125	46.7
Managers and administrators, n.e.c., self-employed	–	2 060	–	–	45	86	122	279	584	332	271	341	53.5
Wholesale and retail trade	–	1 391	–	–	40	38	61	208	411	187	190	256	53.5
Sales workers	615	53 776	3 636	3 150	4 604	2 934	2 964	9 261	13 491	6 060	4 217	3 459	45.3
Demonstrators, hucksters, and peddlers	4	1 293	12	28	182	265	168	328	185	59	44	22	34.7
Insurance, real estate agents, and brokers	11	2 451	10	59	288	202	168	544	707	190	160	123	44.2
Sales clerks, retail trade	385	39 687	3 214	2 478	2 766	1 515	1 714	6 516	10 451	4 976	3 353	2 704	46.6
Salesmen, retail trade	6	1 209	52	64	111	97	50	202	322	151	84	76	45.9
Other sales workers	209	9 136	348	521	1 257	855	864	1 671	1 826	684	576	534	39.3
Clerical and kindred workers	1 012	277 040	6 699	24 852	56 434	26 580	19 452	49 088	55 480	18 260	12 876	7 319	35.9
Bank tellers	–	5 028	65	374	999	466	332	1 144	1 114	295	203	36	37.4
Bookkeepers	60	28 458	209	1 475	4 050	2 128	1 870	5 586	7 488	2 588	1 920	1 144	43.1
Cashiers	107	16 116	1 479	1 606	1 682	1 079	1 182	3 267	3 595	1 112	698	416	38.2
Counter clerks, except food	46	3 759	292	280	470	256	231	770	774	345	207	134	39.6
Enumerators and interviewers	–	956	50	36	138	59	111	225	228	62	15	32	38.7
File clerks	114	10 176	726	1 633	2 161	732	455	1 468	1 684	670	455	192	28.9
Office machine operators	20	13 029	144	1 237	3 183	1 989	1 310	2 261	1 927	575	291	112	29.9
Bookkeeping and billing machine operators	–	1 396	23	113	252	193	112	274	258	101	45	25	35.2
Keypunch operators	15	8 335	81	828	2 354	1 485	895	1 501	893	196	80	22	28.0
Payroll and timekeeping clerks	6	3 353	10	167	601	295	272	676	880	222	131	99	39.9
Receptionists	37	6 196	178	517	1 351	493	508	1 069	1 146	349	369	216	35.5
Secretaries	69	75 215	714	5 372	18 774	8 751	5 154	12 436	14 550	4 821	2 930	1 713	33.9
Stenographers	14	2 692	57	493	683	166	106	288	454	180	151	114	28.4
Telephone operators	6	10 157	295	850	1 504	722	801	2 203	2 011	735	732	304	39.1
Typists	79	32 787	998	4 912	8 222	3 214	2 018	5 019	5 000	1 503	1 277	624	28.5
Other clerical and kindred workers	454	69 118	1 482	5 900	12 616	6 230	5 102	12 676	14 629	4 803	3 497	2 183	37.5
Craftsmen and kindred workers	29	11 467	103	353	920	834	773	2 583	3 094	1 332	954	521	45.5
Foremen, n.e.c	7	3 247	10	4	143	169	252	731	1 026	445	324	143	48.1
Operatives, except transport	351	109 604	1 205	2 865	8 435	7 536	7 771	23 609	33 396	13 005	7 836	3 946	46.0
Assemblers	14	10 413	54	318	1 012	747	877	2 173	3 501	1 070	517	144	45.1
Bottling and canning operatives	–	499	–	4	57	26	43	114	141	59	50	5	45.4
Checkers, examiners, and inspectors; manufacturing	–	8 236	45	144	566	530	414	1 873	2 828	1 145	514	177	46.9
Dressmakers and seamstresses, except factory	–	2 188	15	20	68	66	51	301	781	319	268	299	52.3
Laundry and dry cleaning operatives, including ironers	5	5 558	128	183	218	331	377	1 470	1 573	601	441	236	45.5
Graders and sorters, manufacturing	–	593	–	15	41	28	41	123	197	86	56	6	47.5
Packers and wrappers, except produce	31	13 498	288	575	1 106	863	954	3 179	4 203	1 460	651	219	44.3
Sewers and stitchers	13	26 489	212	293	1 220	1 385	1 618	5 750	8 644	3 659	2 468	1 240	48.2
Textile operatives	–	4 331	18	98	313	218	299	813	1 235	655	455	227	48.3
Other specified operatives	256	21 014	261	652	2 455	2 091	1 794	3 982	5 291	2 094	1 350	1 044	43.2
Miscellaneous and not specified operatives	32	16 785	184	563	1 379	1 251	1 303	3 831	5 002	1 857	1 066	349	44.7
Manufacturing	17	14 963	139	419	1 174	1 094	1 168	3 461	4 590	1 656	971	291	45.1
Durable goods	–	5 888	17	199	509	439	483	1 488	1 812	606	256	79	43.7
Machinery, including electrical	–	2 717	4	103	263	181	242	697	844	239	122	22	43.1
Other durable goods	–	3 171	13	96	246	258	241	791	968	367	134	57	44.2
Nondurable goods, including not specified manufacturing	17	9 075	122	220	665	655	685	1 973	2 778	1 050	715	212	45.8
Food and kindred products	6	1 561	14	37	108	144	116	280	411	250	132	69	47.0
Apparel and other fabricated textile products	–	2 091	53	44	146	115	147	482	626	218	219	41	45.9
Nonmanufacturing industries	15	1 822	45	144	205	157	135	370	412	201	95	58	41.1
Transport equipment operatives	9	2 566	10	42	182	221	336	889	518	180	109	79	40.5
Laborers, except farm	90	5 293	223	296	517	403	484	955	1 298	552	260	305	42.6
Farmers and farm managers	–	875	–	32	95	128	76	229	145	53	62	55	39.7
Farm laborers and farm foremen	41	1 290	32	51	141	141	109	257	296	172	58	33	41.7
Paid farm laborers and farm foremen	41	1 044	28	29	107	116	80	220	243	136	58	27	42.4
Unpaid family workers	–	246	4	22	34	25	29	37	53	36	–	6	37.4
Service workers, except private household[1]	1 295	98 841	5 126	5 321	10 810	7 264	7 030	19 722	22 298	9 495	6 678	5 097	42.0
Cleaning service workers	62	12 900	193	147	392	465	593	2 021	3 851	2 255	1 725	1 258	51.9
Chambermaids and maids	15	3 092	83	39	144	123	194	521	820	505	345	318	50.4
Food service workers	581	36 646	3 520	2 050	2 581	2 448	2 524	8 024	8 637	3 473	1 995	1 394	41.5
Cooks, except private household	44	5 691	163	101	181	201	269	1 139	1 852	858	536	391	49.3
Waiters and food counter workers	378	23 529	2 674	1 656	2 040	1 852	1 916	5 266	4 922	1 730	917	556	38.1
Health service workers	72	20 856	816	1 831	3 459	1 813	1 624	4 228	3 819	1 444	1 042	780	37.1
Nursing aides, orderlies, and attendants	33	10 003	619	987	1 556	904	871	2 043	1 683	647	397	296	35.3
Practical nurses	5	6 867	11	123	944	571	461	1 596	1 587	616	523	435	43.3
Personal service workers	126	13 866	247	694	2 481	1 151	926	2 476	3 034	1 273	830	754	40.8
Hairdressers and cosmetologists	12	7 602	67	498	1 828	752	471	1 160	1 605	609	314	298	36.6
Private household workers	1 021	22 587	757	223	770	890	1 125	3 001	5 461	3 432	2 880	4 048	53.3
Private household workers, living in	–	1 725	–	23	152	163	140	169	273	202	218	385	52.9
Private household workers, living out	1 021	20 862	757	200	618	727	985	2 832	5 188	3 230	2 662	3 663	53.3

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

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

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

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

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

Negro

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	1 356	161 352	3 319	6 166	17 176	18 441	17 326	36 816	34 781	12 243	8 697	6 387	40.0
Professional, technical, and kindred workers	50	10 254	83	265	1 342	1 599	1 439	2 835	1 702	400	293	296	36.4
Engineers	–	532	–	5	49	83	65	142	123	61	–	4	39.5
Lawyers and judges	–	126	–	–	–	12	12	62	19	6	–	15	41.3
Life and physical scientists	–	280	5	–	25	43	60	102	30	–	4	11	35.7
Physicians, dentists, and related practitioners	–	445	–	–	–	29	42	147	106	26	28	67	45.4
Health workers, except practitioners	5	580	30	14	112	90	114	121	85	6	–	8	31.9
Social and recreation workers	5	625	–	12	75	112	56	219	103	35	8	5	37.6
Teachers	23	1 946	–	25	165	286	334	581	392	90	40	33	37.8
Technicians, except health	–	1 392	4	60	284	240	166	386	163	30	47	12	33.3
Writers, artists, and entertainers	–	662	5	48	88	98	124	166	69	14	34	16	33.7
Other professional, technical, and kindred workers	17	3 666	39	101	544	606	466	909	612	132	132	125	35.8
Managers and administrators, except farm	–	5 462	10	54	354	564	696	1 510	1 419	364	240	251	42.0
Salaried	–	4 581	5	46	332	502	641	1 293	1 152	277	152	181	40.9
Manufacturing	–	442	–	5	18	110	57	114	100	9	16	13	37.7
Retail trade	–	1 038	–	5	151	130	185	243	213	56	36	19	37.0
All other industries	–	3 101	5	36	163	262	399	936	839	212	100	149	42.3
Self-employed	–	881	5	8	22	62	55	217	267	87	88	70	47.7
Retail trade	–	493	5	–	15	48	22	120	135	45	53	50	47.7
All other industries	–	388	–	8	7	14	33	97	132	42	35	20	47.7
Sales workers	252	4 066	155	324	651	575	469	869	554	201	138	130	33.5
Manufacturing and wholesale trade	209	830	46	72	154	127	107	161	89	31	27	16	30.7
Retail trade	43	2 308	105	228	393	288	226	447	338	125	68	90	33.1
All other industries	–	928	4	24	104	160	136	261	127	45	43	24	36.4
Clerical and kindred workers	69	16 427	529	1 256	2 583	1 998	1 700	3 515	3 161	713	628	344	35.4
Bookkeepers and billing clerks	–	485	15	37	71	70	65	95	101	10	12	9	33.8
Mail handlers and postal clerks	5	3 981	17	155	522	446	316	1 036	1 067	198	137	87	40.2
Other clerical and kindred workers	64	11 961	497	1 064	1 990	1 482	1 319	2 384	1 993	505	479	248	33.6
Craftsmen and kindred workers	45	27 090	183	632	2 512	3 231	2 719	6 903	6 757	1 983	1 274	896	41.2
Carpenters	–	1 459	2	39	88	106	160	364	393	128	98	81	44.2
Construction craftsmen, except carpenters	5	4 881	13	61	319	496	489	1 239	1 412	414	255	183	43.6
Automobile mechanics, including body repairmen	6	2 812	36	81	276	361	364	617	670	192	123	92	39.7
Mechanics and repairmen, except auto	–	2 731	10	42	301	457	327	724	555	152	85	78	38.2
Machinists	5	745	6	37	133	118	70	190	155	27	9	–	35.4
Metal craftsmen, except mechanics and machinists	4	1 191	–	26	107	149	107	279	353	116	40	14	42.4
Foremen, n.e.c.	–	2 571	5	11	100	186	247	894	739	195	108	86	43.2
Other craftsmen and kindred workers	25	10 700	111	335	1 188	1 358	955	2 596	2 480	759	556	362	40.4
Operatives, except transport	224	31 207	526	1 276	3 927	4 038	3 847	6 522	6 711	2 239	1 402	719	38.1
Assemblers	4	1 383	33	88	291	200	221	245	174	83	37	11	31.8
Garage workers and gas station attendants	15	812	43	96	103	88	84	162	113	27	25	71	34.5
Laundry and drycleaning operatives, including ironers	–	1 576	36	76	112	86	130	361	392	148	161	74	44.6
Precision machine operatives	–	895	–	22	155	149	149	168	184	18	47	3	34.1
Other operatives, except transport	205	26 541	414	994	3 266	3 515	3 263	5 586	5 848	1 963	1 132	560	38.3
Durable goods, manufacturing	36	11 222	104	353	1 416	1 618	1 367	2 387	2 430	885	461	201	38.2
Nondurable goods, including not specified manufacturing	73	9 515	109	388	1 288	1 322	1 228	1 959	2 037	674	353	157	37.2
Nonmanufacturing industries	96	5 804	201	253	562	575	668	1 240	1 381	404	318	202	40.2
Transport equipment operatives	14	15 385	97	276	1 094	1 742	1 983	4 218	3 565	1 203	825	382	40.9
Truck drivers	–	6 503	5	40	361	567	879	1 918	1 731	522	359	121	42.3
Other transport equipment operatives	14	8 882	92	236	733	1 175	1 104	2 300	1 834	681	466	261	39.8
Laborers, except farm	335	22 419	617	901	2 243	2 120	1 819	4 731	5 144	2 272	1 568	1 004	42.4
Construction laborers	13	5 026	25	63	425	497	438	1 255	1 243	613	336	131	43.5
Freight, stock, and material handlers	94	6 776	344	403	784	700	549	1 325	1 405	664	371	231	39.6
Other laborers, except farm	228	10 617	248	435	1 034	923	832	2 151	2 496	995	861	642	43.5
Manufacturing industries	61	2 936	63	171	384	365	218	543	569	275	235	113	39.9
Farmers and farm managers	5	478	–	4	51	38	86	74	109	36	38	42	43.1
Farm laborers and farm foremen	9	936	9	58	149	87	40	176	150	106	87	74	42.1
Service workers, except private household	333	27 107	1 110	1 111	2 265	2 425	2 510	5 395	5 443	2 665	2 110	2 073	42.7
Cleaning service workers	80	9 417	243	328	532	547	595	1 663	2 246	1 211	1 064	988	48.6
Food service workers	88	5 302	605	419	501	418	453	899	941	466	324	276	37.8
Health service workers	6	1 498	80	104	225	146	162	272	262	143	71	33	36.2
Personal service workers	6	1 612	48	13	105	110	137	287	382	182	129	219	47.8
Protective service workers	12	4 406	–	11	343	706	596	1 239	702	287	218	304	39.4
Private household workers	20	521	–	9	5	24	18	68	66	61	94	176	60.5
Female employed	700	136 351	2 125	6 007	17 871	15 337	14 143	31 243	27 646	10 176	6 579	5 224	39.1
Professional, technical, and kindred workers	32	13 899	59	250	1 855	2 129	1 741	3 769	2 550	798	436	312	37.4
Registered nurses	6	2 141	7	22	204	170	319	640	495	185	58	41	40.4
Health workers, except nurses	–	1 339	6	49	240	259	227	279	174	60	26	19	32.5
Teachers, elementary and secondary schools	6	4 710	–	17	573	798	554	1 416	799	273	200	80	37.9
Technicians, except health	–	311	2	7	50	69	36	92	40	15	–	–	33.8
Other professional, technical, and kindred workers	20	5 398	44	155	788	833	605	1 342	1 042	265	152	172	37.0
Managers and administrators, except farm	–	2 016	–	17	136	183	303	581	548	106	80	62	41.4
Salaried	–	1 782	–	17	132	179	288	523	483	95	48	17	40.3
Self-employed	–	234	–	–	4	4	15	58	65	11	32	45	50.5
Sales workers	72	4 099	236	320	522	470	442	925	692	303	120	69	35.6
Retail trade	63	3 483	208	269	433	401	379	792	597	238	101	65	35.7
Clerical and kindred workers	245	36 151	930	3 522	8 593	5 606	4 432	7 083	4 205	955	544	281	29.5
Bookkeepers and cashiers	31	3 954	130	325	727	499	544	882	644	133	46	24	32.7
Office machine operators	11	2 947	35	233	841	720	486	437	169	16	6	4	27.5
Secretaries, stenographers, and typists	33	8 859	219	981	2 725	1 643	1 046	1 361	631	142	74	37	26.5
Other clerical and kindred workers	170	20 391	546	1 983	4 300	2 744	2 356	4 403	2 761	664	418	216	31.3
Craftsmen and kindred workers	–	1 968	25	60	226	179	195	565	474	105	115	24	40.3
Operatives, except transport	109	29 344	212	683	3 062	3 174	3 021	7 786	7 312	2 228	1 255	611	40.8
Sewers and stitchers	6	7 661	36	71	493	733	639	2 160	2 342	653	391	143	43.6
Laundry and drycleaning operatives, including ironers	–	3 530	28	60	113	203	256	1 095	1 013	376	270	116	45.1
Other operatives, except transport	103	18 153	148	552	2 456	2 238	2 126	4 531	3 957	1 199	594	352	38.4
Durable goods, manufacturing	42	5 355	20	183	928	824	603	1 311	1 014	287	127	58	35.9
Nondurable goods, including not specified manufacturing	21	9 324	41	217	1 150	1 054	1 138	2 412	2 198	579	344	191	39.4
Nonmanufacturing industries	40	3 474	87	152	378	360	385	808	745	333	123	103	39.6
Transport equipment operatives	–	401	4	–	23	31	54	93	116	41	16	23	44.5
Laborers, except farm	9	1 503	17	100	148	123	176	364	298	135	62	80	40.2
Farmers and farm managers	–	468	–	10	47	84	42	132	94	21	33	5	38.9
Farm laborers and farm foremen	–	447	–	–	70	66	38	97	104	46	19	7	40.1
Service workers, except private household[1]	155	29 705	626	989	2 772	2 664	2 742	7 315	6 869	2 725	1 808	1 195	41.9
Cleaning service workers	9	5 592	28	27	163	259	325	1 089	1 781	903	603	414	50.1
Food service workers	16	6 060	296	335	529	536	450	1 502	1 401	522	313	176	40.9
Health service workers	9	9 326	147	396	1 092	1 034	1 067	2 613	1 781	622	343	231	38.5
Practical nurses	–	3 483	7	16	277	304	355	1 124	814	256	201	129	42.0
Personal service workers	14	2 978	60	46	160	177	291	797	747	293	223	184	44.5
Protective service workers	–	495	–	–	36	71	73	126	123	25	20	21	40.4
Private household workers	78	16 350	16	56	417	628	957	2 533	4 384	2 713	2 091	2 555	53.1

[1]Includes allocated cases not shown separately.

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

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

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

Persons of Puerto Rican Birth or Parentage

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	69	7 399	188	360	1 334	1 311	1 043	1 777	905	273	160	48	32.4
Professional, technical, and kindred workers	–	288	–	–	64	64	40	74	24	–	12	10	32.0
Engineers	–	22	–	–	5	–	–	12	5	–	–	–	...
Lawyers and judges	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	3	–	–	–	–	–	–	3	–	–	–	...
Physicians, dentists, and related practitioners	–	18	–	–	–	7	–	11	–	–	–	–	...
Health workers, except practitioners	–	17	–	–	–	–	6	–	11	–	–	–	...
Social and recreation workers	–	7	–	–	–	–	–	7	–	–	–	–	...
Teachers	–	58	–	–	13	14	7	14	–	–	–	10	...
Technicians, except health	–	6	–	–	–	6	–	–	–	–	–	–	...
Writers, artists, and entertainers	–	36	–	–	18	–	7	6	–	–	5	–	...
Other professional, technical, and kindred workers	–	121	–	–	28	37	20	24	5	–	7	–	29.4
Managers and administrators, except farm	–	144	–	–	27	14	14	73	16	–	–	–	37.3
Salaried	–	121	–	–	27	6	14	58	16	–	–	–	37.3
Manufacturing	–	20	–	–	14	–	–	–	6	–	–	–	...
Retail trade	–	57	–	–	7	–	14	36	–	–	–	–	...
All other industries	–	44	–	–	6	6	–	22	10	–	–	–	...
Self-employed	–	23	–	–	–	8	–	15	–	–	–	–	...
Retail trade	–	23	–	–	–	8	–	15	–	–	–	–	...
All other industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales workers	9	303	–	20	61	29	32	93	44	18	6	–	36.0
Manufacturing and wholesale trade	–	31	–	7	5	7	6	6	–	–	–	–	...
Retail trade	9	223	–	13	38	22	26	63	37	18	6	–	37.0
All other industries	–	49	–	–	18	–	–	24	7	–	–	–	...
Clerical and kindred workers	6	366	49	16	120	54	8	59	37	7	16	–	24.9
Bookkeepers and billing clerks	–	20	–	–	–	–	–	6	7	7	–	–	...
Mail handlers and postal clerks	–	25	–	–	16	–	–	9	–	–	–	–	...
Other clerical and kindred workers	6	321	49	16	104	54	8	44	30	–	16	–	24.6
Craftsmen and kindred workers	–	1 059	–	36	210	175	166	302	105	57	–	8	33.3
Carpenters	–	72	–	6	22	24	–	12	8	–	–	–	...
Construction craftsmen, except carpenters	–	195	–	–	33	14	47	63	16	22	–	–	35.6
Automobile mechanics, including body repairmen	–	154	–	23	22	7	53	29	8	12	–	–	32.4
Mechanics and repairmen, except auto	–	130	–	–	29	12	18	49	22	–	–	–	36.2
Machinists	–	51	–	–	13	16	7	8	7	–	–	–	...
Metal craftsmen, except mechanics and machinists	–	13	–	–	–	–	6	–	7	–	–	–	...
Foremen, n.e.c.	–	147	–	–	15	45	12	60	15	–	–	–	35.3
Other craftsmen and kindred workers	–	297	–	7	76	57	23	81	22	23	–	8	31.8
Operatives, except transport	37	2 462	49	152	414	462	358	589	301	81	42	14	32.2
Assemblers	–	167	9	6	29	31	33	34	25	–	–	–	31.3
Garage workers and gas station attendants	–	30	–	–	–	16	6	8	–	–	–	–	...
Laundry and drycleaning operatives, including ironers	–	103	–	–	10	24	39	30	–	–	–	–	32.2
Precision machine operatives	–	63	6	11	6	8	9	11	12	–	–	–	...
Other operatives, except transport	37	2 099	34	135	369	383	271	506	264	81	42	14	32.4
Durable goods, manufacturing	31	940	–	66	188	169	161	237	119	–	–	–	31.5
Nondurable goods, including not specified manufacturing	6	885	20	41	133	191	96	186	116	67	28	7	33.0
Nonmanufacturing industries	–	274	14	28	48	23	14	83	29	14	14	7	36.2
Transport equipment operatives	–	352	6	9	66	63	87	67	30	13	7	4	31.8
Truck drivers	–	178	–	–	22	48	51	33	7	13	–	4	31.9
Other transport equipment operatives	–	174	6	9	44	15	36	34	23	–	7	–	31.8
Laborers, except farm	7	859	36	71	157	122	115	180	136	35	7	–	31.9
Construction laborers	–	216	–	13	10	27	47	77	42	–	–	–	36.4
Freight, stock, and material handlers	–	221	28	20	45	39	21	28	33	7	–	–	27.2
Other laborers, except farm	7	422	8	38	102	56	47	75	61	28	7	–	30.7
Manufacturing industries	–	181	8	8	44	27	28	26	28	12	–	–	30.6
Farmers and farm managers	–	12	–	–	–	6	–	6	–	–	–	–	...
Farm laborers and farm foremen	5	383	–	10	74	148	75	24	42	5	5	–	28.6
Service workers, except private household[1]	5	1 163	48	46	141	174	148	302	170	57	65	12	35.8
Cleaning service workers	–	277	12	5	34	23	33	70	37	29	22	12	39.5
Food service workers	5	607	25	41	70	85	86	162	103	16	19	–	34.8
Health service workers	–	13	–	–	–	–	–	8	5	–	–	–	...
Personal service workers	–	65	–	–	4	11	6	26	18	–	–	–	...
Protective service workers	–	58	–	–	17	21	6	8	–	6	–	–	...
Private household workers	–	8	–	–	–	–	–	8	–	–	–	–	...
Female employed	33	3 350	144	249	766	395	499	810	335	112	21	19	31.2
Professional, technical, and kindred workers	–	282	–	–	91	13	37	94	5	22	14	6	35.0
Registered nurses	–	42	–	–	5	–	–	37	–	–	–	–	...
Health workers, except nurses	–	30	–	–	7	–	–	23	–	–	–	–	...
Teachers, elementary and secondary schools	–	74	–	–	29	9	–	6	–	22	8	–	...
Technicians, except health	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	–	136	–	–	50	4	37	28	5	–	6	6	31.9
Managers and administrators, except farm	–	64	–	–	12	5	12	24	11	–	–	–	...
Salaried	–	41	–	–	12	5	12	7	5	–	–	–	...
Self-employed	–	23	–	–	–	–	–	17	6	–	–	–	...
Sales workers	–	153	14	20	32	5	30	19	18	15	–	–	30.9
Retail trade	–	139	7	20	32	5	30	12	18	15	–	–	30.9
Clerical and kindred workers	15	592	28	76	207	80	56	83	48	14	–	–	24.6
Bookkeepers and cashiers	–	63	–	–	18	21	8	6	10	–	–	–	...
Office machine operators	–	18	–	6	–	12	–	–	–	–	–	–	...
Secretaries, stenographers, and typists	–	189	5	26	79	6	16	29	21	7	–	–	24.0
Other clerical and kindred workers	15	322	23	44	110	41	32	48	17	7	–	–	24.3
Craftsmen and kindred workers	–	77	–	17	34	–	6	12	8	–	–	–	...
Operatives, except transport	10	1 697	69	55	315	263	284	473	175	56	–	7	32.6
Sewers and stitchers	–	768	9	36	112	111	165	237	75	16	–	7	33.5
Laundry and drycleaning operatives, including ironers	–	78	6	8	20	8	14	16	6	–	–	–	...
Other operatives, except transport	10	851	54	11	183	144	105	220	94	40	–	–	31.6
Durable goods, manufacturing	–	264	10	–	65	29	50	77	12	21	–	–	32.8
Nondurable goods, including not specified manufacturing	10	471	44	–	107	67	50	129	55	19	–	–	31.8
Nonmanufacturing industries	–	116	–	11	11	48	5	14	27	–	–	–	28.8
Transport equipment operatives	–	10	–	–	–	–	–	10	–	–	–	–	...
Laborers, except farm	–	44	–	8	4	7	12	6	–	–	7	–	...
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	23	8	–	–	–	–	15	–	–	–	–	...
Service workers, except private household[1]	–	388	25	68	71	17	62	70	64	5	–	6	31.0
Cleaning service workers	–	55	–	–	8	–	11	13	18	5	–	–	...
Food service workers	–	90	10	21	16	4	8	20	5	–	–	6	...
Health service workers	–	60	8	14	17	–	7	–	14	–	–	–	...
Practical nurses	–	–	–	–	–	–	–	–	–	–	–	–	–
Personal service workers	–	113	–	33	17	13	13	37	–	–	–	–	27.5
Protective service workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Private household workers	8	20	–	5	–	5	–	4	6	–	–	–	...

[1]Includes allocated cases not shown separately.

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

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

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

PITTSBURGH SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	5 314	574 730	12 455	16 935	49 629	58 089	52 290	126 188	143 407	58 129	38 441	19 167	42.8
Professional, technical, and kindred workers	85	87 420	127	686	9 581	14 807	11 339	21 133	16 850	5 486	4 378	3 033	38.4
Accountants	7	6 899	4	16	620	1 165	725	1 486	1 559	627	452	245	41.2
Architects	7	495	–	–	23	41	71	113	113	34	66	34	45.0
Computer specialists	–	2 359	11	23	382	823	424	496	170	15	15	–	29.6
Engineers	–	17 774	5	20	997	2 542	2 220	5 105	4 469	1 145	921	350	41.1
Aeronautical and astronautical	–	74	–	–	5	10	7	34	18	–	–	–	...
Civil	–	2 147	–	12	132	276	258	588	463	155	151	112	41.7
Electrical and electronic	–	3 568	5	–	225	585	432	1 130	807	181	189	14	39.8
Mechanical	–	2 663	–	–	145	403	330	796	622	160	145	62	40.7
Other engineers	–	9 322	–	8	490	1 268	1 193	2 557	2 559	649	436	162	41.7
Lawyers and judges	–	2 704	–	4	29	386	340	571	489	171	251	463	45.4
Life and physical scientists	–	2 994	–	9	208	444	409	905	637	224	127	31	39.7
Chemists	–	2 246	–	5	164	311	236	656	530	200	123	21	41.2
Physicians, dentists, and related practitioners	8	6 206	–	18	130	493	590	1 523	1 390	521	692	849	47.5
Dentists	–	1 109	–	–	–	54	94	299	197	95	159	211	50.5
Pharmacists	–	1 426	–	5	80	136	131	281	275	151	141	226	47.9
Physicians, medical and osteopathic	8	3 131	–	13	43	270	332	796	769	236	313	359	46.4
Other related practitioners	–	540	–	–	7	33	33	147	149	39	79	53	48.4
Health technologists and technicians	–	887	–	33	244	194	116	185	70	14	16	15	29.3
Religious workers	10	2 413	12	5	101	230	211	660	485	263	156	290	44.8
Social scientists	–	1 013	–	–	33	193	222	247	194	84	18	22	37.4
Social and recreation workers	5	1 094	16	29	178	190	102	212	194	76	59	38	36.5
Teachers	24	13 450	6	84	2 481	3 105	1 981	2 835	1 662	593	442	261	32.6
College and university	4	3 739	–	46	365	806	716	900	496	219	114	77	34.6
Elementary and prekindergarten	15	2 311	6	22	733	620	294	324	168	84	46	14	28.2
Secondary	–	6 684	–	6	1 274	1 578	911	1 492	852	238	239	94	32.7
Engineering and science technicians	5	13 013	20	265	2 218	2 402	1 855	3 022	2 147	525	447	112	34.3
Draftsmen and surveyors	5	7 121	17	168	1 384	1 299	1 049	1 583	1 015	251	273	82	33.3
Electrical and electronic engineering technicians	–	1 482	–	27	266	346	166	374	251	43	9	–	33.1
Technicians, except health, and engineering and science	–	966	–	13	114	157	154	249	205	39	26	9	36.8
Airplane pilots	–	367	–	–	5	68	82	122	74	16	–	–	37.3
Writers, artists, and entertainers	13	5 018	34	99	586	782	573	1 217	1 033	314	225	155	38.6
Other professional, technical, and kindred workers	6	10 135	19	68	1 237	1 660	1 346	2 307	2 033	841	465	159	38.2
Managers and administrators, except farm	18	54 229	72	188	2 201	4 552	5 336	14 555	15 475	5 697	3 823	2 330	45.1
Buyers, purchasing agents, and sales managers	4	8 473	12	24	396	817	951	2 546	2 157	831	547	192	43.0
School administrators	–	1 423	–	9	14	118	169	564	329	113	86	21	42.1
Specified managers and administrators, public administration	–	2 465	–	–	34	95	165	451	859	353	318	190	50.7
Other specified managers and administrators	9	10 405	21	68	695	1 244	1 145	2 339	2 752	956	742	443	43.7
Managers and administrators, n.e.c., salaried	5	25 115	30	83	948	1 912	2 455	7 223	7 528	2 583	1 469	884	44.9
Manufacturing	–	7 723	–	10	126	371	640	2 258	2 687	898	542	191	46.7
Wholesale and retail trade	5	7 809	25	54	578	787	871	2 078	1 998	742	350	326	42.6
Transportation, communications, and other public utilities	–	2 562	–	5	51	169	201	722	867	292	209	46	46.5
All other industries	–	7 021	5	14	193	585	743	2 165	1 976	651	368	321	44.1
Managers and administrators, n.e.c., self-employed	–	6 348	9	4	114	366	451	1 432	1 850	861	661	600	49.3
Construction	–	1 165	–	4	4	77	141	370	306	158	58	47	44.6
Manufacturing	–	440	–	–	8	48	11	103	128	34	72	36	48.9
Wholesale and retail trade	–	3 418	4	–	71	157	184	666	1 047	504	400	385	51.0
All other industries	–	1 325	5	–	31	84	115	293	369	165	131	132	48.6
Sales workers	2 736	38 787	2 266	1 447	3 389	3 937	3 757	7 913	8 171	3 331	2 434	2 142	40.8
Insurance agents, brokers, and underwriters	23	4 873	20	–	405	668	685	1 283	1 082	306	227	197	40.1
Real estate agents and brokers	4	1 349	–	6	44	56	70	335	372	182	123	161	49.4
Sales representatives, manufacturing industries	–	5 187	16	23	216	566	659	1 533	1 187	456	329	202	42.3
Sales representatives, wholesale trade	5	7 017	17	49	448	857	790	1 642	1 686	673	473	382	43.2
Sales clerks, retail trade	91	9 830	1 198	1 032	1 464	810	649	1 077	1 541	803	656	600	33.2
Salesmen, retail trade	12	4 240	62	146	350	361	298	912	1 097	452	292	270	44.9
Salesmen of services and construction	17	1 871	34	30	72	230	228	474	447	162	142	52	42.2
Other sales workers	2 584	4 420	919	161	390	389	378	657	759	297	192	278	34.6
Clerical and kindred workers	94	47 636	717	1 552	5 812	4 884	3 993	10 066	11 464	4 617	3 037	1 494	41.8
Bank tellers and cashiers	19	1 519	160	169	307	136	81	187	215	82	91	91	29.5
Bookkeepers and billing clerks	–	4 162	19	39	461	465	349	839	986	462	324	218	43.9
Mail handlers and postal clerks	–	7 545	39	147	537	511	480	2 276	2 555	618	284	98	44.0
Other clerical and kindred workers	75	34 410	499	1 197	4 507	3 772	3 083	6 764	7 708	3 455	2 338	1 087	41.1
Craftsmen and kindred workers	182	131 118	526	2 050	8 718	11 721	11 962	31 678	37 687	14 392	9 410	2 974	44.7
Apparel craftsmen and upholsterers	–	730	9	13	20	42	24	101	190	91	71	169	53.2
Bakers	12	1 209	20	34	85	120	54	254	338	170	108	26	46.1
Cabinetmakers	–	530	9	19	20	50	43	120	143	54	60	12	45.3
Construction craftsmen	48	31 002	74	392	1 939	2 596	3 211	7 906	8 901	3 072	2 228	683	44.2
Carpenters	15	7 084	25	104	487	581	671	1 785	2 191	696	403	141	44.4
Excavating, grading, and road machine operators	–	2 943	–	21	159	175	409	846	869	279	124	61	43.4
Electricians	–	6 089	–	72	332	642	679	1 403	1 703	592	552	114	44.4
Masons and tile setters	–	2 827	–	14	149	171	201	926	950	212	171	33	44.5
Painters, construction and maintenance, and paperhangers	20	2 855	30	69	162	231	240	662	732	343	284	102	45.5
Plasterers and cement finishers	–	1 236	3	9	68	81	169	370	304	91	73	68	42.8
Plumbers and pipe fitters	13	5 468	5	68	399	490	611	1 251	1 497	583	427	137	44.3
Other construction craftsmen	–	2 500	11	35	183	225	231	663	655	276	194	27	43.5
Foremen, n.e.c	–	18 570	20	46	373	1 086	1 466	4 753	6 415	2 570	1 603	238	47.4
Manufacturing	–	12 295	10	21	180	657	916	3 180	4 410	1 810	1 020	91	47.7
Nonmanufacturing industries	–	6 275	10	25	193	429	550	1 573	2 005	760	583	147	46.8
Linemen and servicemen, telephone and power	–	3 779	6	97	478	549	482	1 370	605	54	132	6	37.0
Locomotive engineers and firemen	–	1 490	–	–	21	22	37	269	685	264	173	19	50.8
Mechanics and repairmen	26	27 701	233	817	2 532	3 329	2 823	6 400	7 006	2 517	1 448	596	41.4
Air conditioning, heating, and refrigeration	–	1 122	12	10	113	78	151	288	249	132	53	36	41.8
Aircraft	–	767	–	–	33	163	137	222	177	26	4	5	37.3
Automobile, including body	20	9 998	163	563	1 202	1 394	1 125	2 150	2 094	702	374	231	37.6
Radio and television	6	1 270	8	33	160	140	136	286	343	73	43	48	40.5
Other mechanics and repairmen	–	14 544	50	211	1 024	1 554	1 274	3 454	4 143	1 584	974	276	44.1
Metal craftsmen, except mechanics	3	19 166	16	255	1 297	1 656	1 579	4 208	5 943	2 481	1 401	330	46.0
Machinists and job and die setters	3	6 671	7	120	587	781	676	1 322	1 850	731	425	172	43.8
Sheetmetal workers and tinsmiths	–	1 431	–	31	102	105	122	406	414	167	66	18	43.8
Tool and die makers	–	1 972	5	35	218	164	137	450	604	204	116	39	44.5
Other metal craftsmen	–	9 092	4	69	390	606	644	2 030	3 075	1 379	794	101	47.6
Printing craftsmen	20	3 263	27	134	327	446	272	844	625	226	249	113	40.0
Compositors and typesetters	16	1 488	20	56	142	214	99	386	281	77	142	71	40.5
Pressmen and plate printers, printing	4	1 357	7	73	126	181	157	371	239	103	76	24	38.6
Stationary engineers and power station operators	–	2 975	–	10	85	204	208	690	903	481	285	109	48.2
Other craftsmen and kindred workers	73	20 703	112	233	1 541	1 621	1 763	4 763	5 933	2 412	1 652	673	45.5

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

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

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

PITTSBURGH SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**381**	**88 531**	**1 806**	**3 486**	**8 102**	**8 107**	**6 756**	**17 047**	**24 704**	**10 876**	**6 288**	**1 359**	**44.4**
Assemblers	–	4 303	25	82	542	386	318	803	1 146	628	323	50	44.9
Checkers, examiners, and inspectors; manufacturing	9	6 083	–	85	463	463	545	1 091	1 943	972	464	57	47.0
Garage workers and gas station attendants	159	4 632	1 278	1 290	727	166	162	278	298	170	154	109	19.6
Laundry and drycleaning operatives, n.e.c	–	627	42	31	36	37	58	110	159	79	39	36	45.0
Meat cutters and butchers	23	2 604	37	82	123	235	191	497	741	403	195	100	46.8
Mine operatives, n.e.c	6	2 179	–	5	114	103	81	281	862	501	193	39	50.9
Packers and wrappers, except produce	5	2 011	65	121	297	210	138	349	479	224	97	31	40.0
Painters, manufactured articles	–	1 121	15	45	119	118	103	253	234	118	113	3	41.3
Precision machine operatives	5	8 948	28	203	759	1 044	753	1 557	2 840	1 084	559	121	45.5
Sawyers	–	637	–	25	96	69	40	110	189	66	35	7	43.0
Stationary firemen	–	1 550	–	19	108	98	79	282	578	209	138	39	48.3
Textile operatives	–	34	–	–	–	–	–	8	15	6	–	5	...
Welders and flamecutters	–	9 032	5	135	672	928	774	1 923	2 786	1 063	639	107	45.3
Other metalworking operatives	20	7 010	16	140	429	473	414	1 467	2 391	1 025	578	77	47.4
Other specified operatives	100	12 407	130	482	1 181	1 232	850	2 655	3 233	1 368	956	320	43.8
Miscellaneous and not specified operatives	54	25 353	165	741	2 436	2 545	2 250	5 383	6 810	2 960	1 805	258	43.4
Occupation:													
Machine operatives, miscellaneous specified	28	9 597	38	272	928	873	841	2 102	2 667	1 161	625	90	43.8
Machine operatives, not specified	6	3 804	33	97	355	433	335	798	1 048	424	231	50	43.1
Miscellaneous operatives	20	7 497	84	262	785	855	745	1 564	1 824	755	566	57	41.5
Not specified operatives	–	4 455	10	110	368	384	329	919	1 271	620	383	61	45.8
Industry:													
Manufacturing	14	22 592	106	597	2 139	2 169	1 997	4 785	6 206	2 705	1 681	207	44.0
Durable goods	4	19 318	61	423	1 645	1 825	1 662	4 095	5 439	2 440	1 536	192	44.9
Wood products, including furniture	–	202	–	20	11	9	48	29	46	25	10	4	39.5
Primary metal industries	–	9 915	5	144	692	831	892	2 224	3 033	1 298	733	63	45.6
Fabricated metal industries	4	2 316	–	62	207	226	178	520	605	295	170	53	44.3
Machinery, including electrical	–	3 365	40	68	318	385	262	531	902	452	371	36	45.9
Motor vehicles and equipment	–	79	–	–	3	5	10	34	27	–	–	–	...
Transportation equipment, except motor vehicles	–	556	–	19	60	33	34	67	182	95	61	5	48.6
Other durable goods	–	2 885	16	110	354	336	238	690	644	275	191	31	40.6
Nondurable goods	10	3 185	45	170	485	338	319	679	730	265	139	15	38.5
Food and kindred products	10	985	14	32	122	47	81	214	257	136	72	10	44.2
Apparel and other fabricated textile products	–	25	–	–	–	7	–	5	13	–	–	–	...
Paper and allied products	–	661	8	82	153	80	61	135	102	29	6	5	30.6
Chemicals and allied products	–	782	–	22	65	117	90	178	229	58	23	–	40.4
Other nondurable goods	–	732	23	34	145	87	87	147	129	42	38	–	34.4
Not specified manufacturing industries	–	89	–	4	9	6	16	11	37	–	6	–	...
Nonmanufacturing industries	40	2 761	59	144	297	376	253	598	604	255	124	51	39.2
Transportation, communications, and other public utilities	4	827	7	6	96	133	94	180	197	75	34	5	39.3
Wholesale and retail trade	29	912	41	79	71	104	59	181	208	89	47	33	40.6
All other industries	7	1 022	11	59	130	139	100	237	199	91	43	13	38.0
Transport equipment operatives	**77**	**33 330**	**300**	**885**	**2 449**	**3 057**	**3 049**	**8 024**	**8 910**	**3 858**	**1 935**	**863**	**43.6**
Bus drivers	–	2 336	7	–	49	207	242	458	733	365	181	94	47.8
Taxicab drivers and chauffeurs	–	1 381	18	24	180	59	96	225	331	202	127	119	47.7
Truck drivers and deliverymen	51	21 917	219	647	1 579	2 171	2 109	5 491	5 707	2 381	1 127	486	42.7
Other transport equipment operatives	26	7 696	56	214	641	620	602	1 850	2 139	910	500	164	44.3
Laborers, except farm	**602**	**44 775**	**2 910**	**3 736**	**5 677**	**3 684**	**3 147**	**7 795**	**9 692**	**4 337**	**2 832**	**965**	**39.1**
Construction laborers	27	7 028	111	383	923	594	654	1 402	1 600	716	445	200	41.1
Freight, stock, and material handlers	175	15 550	1 763	1 843	2 010	1 217	1 081	2 580	2 978	1 225	694	159	34.4
Other specified laborers	314	7 259	707	780	856	509	462	1 079	1 282	702	527	355	37.9
Miscellaneous and not specified laborers	86	14 938	329	730	1 888	1 364	950	2 734	3 832	1 694	1 166	251	43.1
Occupation:													
Miscellaneous laborers	48	6 080	75	200	625	487	481	1 191	1 766	701	486	68	44.8
Not specified laborers	38	8 858	254	530	1 263	877	469	1 543	2 066	993	680	183	41.7
Industry:													
Manufacturing	23	11 998	105	552	1 563	1 146	813	2 279	3 229	1 363	819	129	43.0
Durable goods	17	11 306	73	497	1 468	1 092	772	2 174	3 031	1 307	763	129	43.1
Wood products, including furniture	–	101	7	–	19	19	5	17	25	5	–	4	35.3
Metal industries	13	9 201	38	395	1 067	930	662	1 843	2 539	1 067	569	91	43.2
Machinery, including electrical	4	928	12	46	135	87	49	157	232	118	72	20	43.6
Transportation equipment	–	248	9	18	78	20	9	25	33	21	35	–	29.8
Other durable goods	–	828	7	38	169	36	47	132	202	96	87	14	43.9
Nondurable goods	6	671	32	55	95	54	36	105	182	56	56	–	41.0
Food and kindred products	6	229	14	25	19	6	22	57	62	6	18	–	40.0
Not specified manufacturing industries	–	21	–	–	–	–	5	–	16	–	–	–	...
Nonmanufacturing industries	63	2 940	224	178	325	218	137	455	603	331	347	122	43.5
Railroads and railway express service	–	633	5	17	69	26	12	131	154	62	147	10	48.7
Transportation, except railroads	–	136	4	5	23	16	17	9	46	16	–	–	38.3
Communications, and utilities and sanitary services	–	459	–	16	48	41	16	89	137	52	42	18	46.4
Wholesale and retail trade	41	683	118	59	92	52	46	116	68	61	28	43	32.2
All other industries	22	1 029	97	81	93	83	46	110	198	140	130	51	45.2
Farmers and farm managers	–	**2 013**	**11**	**17**	**50**	**123**	**132**	**336**	**590**	**259**	**158**	**337**	**50.7**
Farm laborers and farm foremen	**222**	**1 644**	**228**	**291**	**176**	**103**	**82**	**169**	**272**	**114**	**70**	**139**	**31.5**
Paid farm laborers and farm foremen	171	1 410	177	212	167	88	76	164	236	103	61	126	34.0
Unpaid family workers	51	234	51	79	9	15	6	5	36	11	9	13	19.7
Service workers, except private household[1]	**892**	**44 981**	**3 435**	**2 586**	**3 474**	**3 110**	**2 729**	**7 438**	**9 560**	**5 130**	**4 050**	**3 469**	**44.6**
Cleaning service workers	174	16 003	973	850	1 143	730	677	2 027	3 704	2 474	2 013	1 412	49.3
Food service workers	265	9 264	1 905	992	889	422	437	1 190	1 618	777	544	490	34.9
Cooks, except private household	35	2 252	514	332	206	153	147	241	349	112	122	76	27.4
Busboys and dishwashers	148	2 040	957	372	299	50	41	111	81	55	24	50	18.3
Health service workers	7	1 451	63	185	276	115	93	284	227	119	60	29	34.7
Personal service workers	241	4 887	415	231	382	525	353	877	896	420	297	491	41.1
Protective service workers	–	10 711	4	92	482	1 104	952	2 606	2 553	1 149	937	832	45.5
Firemen, fire protection	–	1 537	–	7	16	125	130	594	430	130	75	30	43.3
Guards and watchmen	–	4 137	–	76	268	253	171	624	989	639	580	537	51.8
Policemen and detectives	–	4 502	–	9	186	703	630	1 321	1 055	303	193	102	40.5
Private household workers	**25**	**266**	**57**	**11**	**–**	**4**	**8**	**34**	**32**	**32**	**26**	**62**	**50.9**

[1]Includes allocated cases not shown separately.

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

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

PITTSBURGH SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	1 590	296 172	6 914	17 568	46 641	24 764	19 012	56 414	70 309	26 914	17 382	10 254	40.9
Professional, technical, and kindred workers	50	49 898	159	611	10 595	7 668	4 264	9 102	8 827	3 983	3 210	1 479	36.8
Accountants	–	1 339	--	40	245	149	75	314	348	82	40	46	40.1
Computer specialists	–	528	–	26	262	124	63	22	26	–	5	–	24.5
Librarians	9	1 123	11	39	159	134	66	222	251	130	75	36	41.9
Mathematical specialists	–	147	–	6	46	27	4	22	16	5	17	4	29.0
Life and physical scientists	–	283	–	–	69	66	32	60	38	–	18	–	31.0
Registered nurses, dietitians, and therapists	6	12 806	14	58	2 701	1 986	1 207	2 828	2 430	843	501	238	36.5
Dietitians	6	383	–	4	41	48	20	98	89	64	19	–	43.0
Registered nurses	–	11 787	14	36	2 493	1 773	1 147	2 621	2 257	760	455	231	36.6
Health technologists and technicians	–	2 331	8	121	812	373	209	333	303	72	41	59	28.0
Social scientists	–	189	–	–	17	69	7	54	26	6	10	–	35.3
Social and recreation workers	–	1 824	7	9	382	267	130	276	387	215	104	47	39.2
Teachers: College and university	–	1 268	–	24	196	242	136	310	213	43	53	51	36.2
Elementary and prekindergarten	4	12 597	5	19	2 792	1 882	943	1 836	1 928	1 467	1 346	379	38.6
Secondary	–	6 117	5	12	1 320	1 140	514	1 035	1 039	416	489	147	35.7
Other teachers	4	1 398	44	20	154	178	156	224	303	99	103	117	41.6
Engineering and science technicians	–	733	9	39	197	67	55	115	163	44	32	12	35.0
Technicians, except health, and engineering and science	–	82	–	–	4	5	14	17	27	–	10	5	...
Writers, artists, and entertainers	5	2 176	36	100	476	192	165	479	364	155	119	90	37.5
Actors and dancers	–	30	–	–	20	–	4	6	–	–	–	–	...
Authors, editors, and reporters	–	472	–	17	90	54	60	94	85	23	26	23	36.6
Other professional, technical, and kindred workers	22	4 957	20	98	763	767	488	955	965	406	247	248	38.6
Managers and administrators, except farm	–	9 099	14	81	671	600	496	2 016	2 754	1 213	744	510	47.4
Buyers, purchasing agents, and sales managers	–	1 617	–	18	230	213	71	349	437	162	103	34	42.9
Restaurant, cafeteria, and bar managers	–	996	–	–	28	31	22	204	391	167	97	56	50.4
School administrators	–	574	–	–	7	29	56	124	205	92	44	17	48.5
Other specified managers and administrators	–	1 789	4	21	110	106	116	384	478	232	181	157	48.2
Managers and administrators, n.e.c., salaried	–	3 129	10	42	275	202	204	761	919	381	196	139	45.8
Wholesale and retail trade	–	1 389	10	36	125	90	80	280	454	172	67	75	46.6
Managers and administrators, n.e.c., self-employed	–	994	–	–	21	19	27	194	324	179	123	107	52.3
Wholesale and retail trade	–	718	–	–	21	7	12	126	239	132	92	89	53.1
Sales workers	260	30 415	1 788	2 240	2 816	1 373	1 497	5 643	8 525	3 290	1 958	1 285	44.7
Demonstrators, hucksters, and peddlers	5	789	66	11	90	114	89	158	158	58	21	24	36.6
Insurance, real estate agents, and brokers	4	1 208	–	12	82	63	85	298	351	160	79	78	46.8
Sales clerks, retail trade	115	23 461	1 522	1 829	2 069	852	937	4 231	6 949	2 670	1 479	923	45.4
Salesmen, retail trade	5	763	30	34	46	37	62	138	206	90	71	49	46.7
Other sales workers	131	4 194	170	354	529	307	324	818	861	312	308	211	40.0
Clerical and kindred workers	297	110 282	1 973	10 184	23 166	9 571	7 408	21 112	22 944	7 000	4 631	2 293	36.3
Bank tellers	–	2 607	9	201	592	265	264	604	505	100	54	13	34.5
Bookkeepers	22	11 118	84	595	1 604	987	742	2 347	2 866	956	633	304	41.6
Cashiers	31	7 649	571	896	913	350	440	1 747	1 847	521	231	133	38.7
Counter clerks, except food	11	2 007	150	158	254	107	83	363	508	205	129	50	41.9
Enumerators and interviewers	–	446	–	15	73	56	49	130	89	18	–	16	37.3
File clerks	26	2 945	77	540	745	134	104	448	547	173	117	60	29.1
Office machine operators	4	5 002	6	475	1 496	550	499	901	731	143	167	34	29.8
Bookkeeping and billing machine operators	–	706	–	18	105	67	86	201	152	32	37	8	38.8
Keypunch operators	4	3 016	2	333	1 145	369	305	495	281	43	38	5	25.4
Payroll and timekeeping clerks	–	1 421	4	54	254	139	58	290	400	143	72	7	41.9
Receptionists	4	3 134	81	359	634	240	139	528	545	239	201	168	37.2
Secretaries	20	34 095	284	2 859	8 481	3 895	2 411	6 252	6 454	1 834	1 112	513	33.2
Stenographers	4	1 988	–	203	423	183	110	326	503	168	63	9	37.3
Telephone operators	–	3 954	39	390	605	167	259	872	929	288	271	134	40.9
Typists	4	10 596	192	1 441	2 838	744	623	1 738	1 969	545	315	191	30.7
Other clerical and kindred workers	171	23 320	476	1 998	4 254	1 754	1 627	4 566	5 051	1 667	1 266	661	38.4
Craftsmen and kindred workers	21	3 730	55	146	347	221	260	815	1 023	416	288	159	45.2
Foremen, n.e.c.	–	805	–	–	32	88	41	207	224	89	65	59	46.5
Operatives, except transport	98	22 551	206	750	2 197	1 495	1 337	4 824	7 003	2 565	1 420	754	45.7
Assemblers	12	2 478	5	76	312	195	180	564	715	296	113	22	43.4
Bottling and canning operatives	–	127	–	–	–	9	11	34	60	–	13	–	46.6
Checkers, examiners, and inspectors; manufacturing	–	1 622	–	61	115	143	118	335	588	174	72	16	45.7
Dressmakers and seamstresses, except factory	–	943	–	4	14	27	35	115	329	164	111	144	53.4
Laundry and dry cleaning operatives, including ironers	3	2 492	41	75	123	97	113	516	854	398	213	62	48.3
Graders and sorters, manufacturing	–	213	6	–	10	9	12	25	119	14	18	–	48.7
Packers and wrappers, except produce	9	3 811	47	108	392	260	232	954	1 176	364	243	35	44.1
Sewers and stitchers	12	2 318	17	131	309	173	70	537	653	210	100	118	43.5
Textile operatives	–	75	–	–	8	–	–	20	42	–	–	5	...
Other specified operatives	62	4 040	51	155	423	296	228	785	1 140	393	287	282	45.7
Miscellaneous and not specified operatives	–	4 432	39	140	491	286	338	939	1 327	552	250	70	44.8
Manufacturing	–	3 587	9	88	389	262	269	808	1 064	434	214	50	44.6
Durable goods	–	1 654	4	32	149	139	131	365	469	221	111	33	45.1
Machinery, including electrical	–	615	–	11	81	60	34	117	197	62	44	9	45.2
Other durable goods	–	1 039	4	21	68	79	97	248	272	159	67	24	45.1
Nondurable goods, including not specified manufacturing	–	1 933	5	56	240	123	138	443	595	213	103	17	44.1
Food and kindred products	–	602	5	9	38	22	50	111	239	74	48	6	47.8
Apparel and other fabricated textile products	–	174	–	–	38	4	11	43	57	9	12	–	42.9
Nonmanufacturing industries	–	845	30	52	102	24	69	131	263	118	36	20	45.6
Transport equipment operatives	7	1 107	–	29	104	39	116	374	292	66	52	35	42.1
Laborers, except farm	20	2 596	80	158	302	180	141	571	630	274	145	115	42.7
Farmers and farm managers	–	319	3	–	24	13	28	55	99	37	35	25	48.7
Farm laborers and farm foremen	28	385	23	32	44	11	13	104	98	29	26	5	41.7
Paid farm laborers and farm foremen	15	277	23	22	26	11	4	66	69	29	22	5	43.0
Unpaid family workers	13	108	–	10	18	–	9	38	29	–	4	–	39.5
Service workers, except private household[1]	349	57 892	2 236	3 194	6 045	3 416	3 244	10 955	16 144	6 814	3 665	2 179	44.9
Cleaning service workers	36	9 070	114	58	228	216	373	1 321	3 292	1 703	1 132	633	51.8
Chambermaids and maids	4	1 892	19	1	90	73	62	300	714	355	173	105	50.6
Food service workers	125	24 313	1 702	1 584	1 788	1 260	1 358	5 042	6 840	2 781	1 265	693	43.9
Cooks, except private household	3	5 859	85	100	212	187	203	1 104	2 038	1 114	523	293	50.1
Waiters and food counter workers	89	12 559	1 216	1 167	1 221	891	908	2 704	3 037	893	341	181	38.2
Health service workers	51	11 762	211	872	1 933	903	741	2 320	2 835	1 126	573	248	40.3
Nursing aides, orderlies, and attendants	41	6 609	136	546	1 005	462	455	1 356	1 546	678	326	99	40.2
Practical nurses	–	3 311	–	94	590	321	179	605	866	330	205	121	42.8
Personal service workers	44	7 619	128	532	1 515	687	435	1 223	1 800	734	301	264	39.2
Hairdressers and cosmetologists	11	4 678	27	421	1 184	537	259	674	1 054	352	94	76	33.3
Private household workers	460	7 898	377	143	330	177	208	843	1 970	1 227	1 208	1 415	54.5
Private household workers, living in	–	605	–	4	26	4	26	36	159	91	117	142	57.6
Private household workers, living out	460	7 293	377	139	304	173	182	807	1 811	1 136	1 091	1 273	54.2

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

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

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

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

PITTSBURGH SMSA—Continued

Negro

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	235	29 362	643	923	2 798	2 854	2 348	6 799	6 995	2 635	2 040	1 327	42.5
Professional, technical, and kindred workers	3	2 020	5	59	361	335	302	477	260	118	33	70	34.1
Engineers	–	141	–	–	29	25	20	44	20	3	–	–	34.1
Lawyers and judges	–	42	–	4	–	–	6	21	11	–	–	–	...
Life and physical scientists	–	58	–	–	5	5	–	17	18	7	–	6	...
Physicians, dentists, and related practitioners	–	130	–	–	10	5	14	34	36	16	5	10	45.6
Health workers, except practitioners	–	134	–	–	18	5	37	57	–	5	6	6	36.2
Social and recreation workers	–	87	–	–	20	18	5	19	11	11	–	3	...
Teachers	–	330	–	7	62	87	73	54	31	4	5	7	30.6
Technicians, except health	–	295	–	33	75	65	19	59	15	24	–	5	28.0
Writers, artists, and entertainers	3	175	–	5	58	32	9	56	11	4	–	–	28.8
Other professional, technical, and kindred workers	–	628	5	10	84	93	119	116	107	44	17	33	35.3
Managers and administrators, except farm	–	938	4	7	114	105	129	234	187	41	55	62	39.7
Salaried	–	741	–	7	103	94	97	196	146	35	37	26	38.5
Manufacturing	–	106	–	–	10	28	9	13	26	7	7	6	39.6
Retail trade	–	202	–	7	73	12	21	50	8	6	10	15	32.1
All other industries	–	433	–	–	20	54	67	133	112	22	20	5	40.7
Self-employed	–	197	4	–	11	11	32	38	41	6	18	36	45.6
Retail trade	–	105	–	–	6	11	20	25	9	5	8	21	41.2
All other industries	–	92	4	–	5	–	12	13	32	1	10	15	...
Sales workers	83	745	63	43	172	78	80	91	127	49	19	23	31.0
Manufacturing and wholesale trade	60	190	32	–	17	18	20	44	36	15	–	8	36.8
Retail trade	12	374	26	38	100	32	42	33	63	29	11	–	28.6
All other industries	11	181	5	5	55	28	18	14	28	5	8	15	29.6
Clerical and kindred workers	–	2 646	84	150	345	291	180	572	628	210	144	42	39.8
Bookkeepers and billing clerks	–	85	–	5	18	13	8	17	14	6	4	–	...
Mail handlers and postal clerks	–	917	20	34	53	59	48	276	306	73	40	8	43.9
Other clerical and kindred workers	–	1 644	64	111	274	219	124	279	308	131	100	34	36.1
Craftsmen and kindred workers	5	4 025	59	105	296	353	348	1 120	1 086	348	227	83	42.6
Carpenters	–	193	–	–	23	13	27	39	63	16	5	7	43.6
Construction craftsmen, except carpenters	–	728	6	5	31	58	68	203	219	67	41	30	44.7
Automobile mechanics, including body repairmen	–	339	7	11	13	28	18	77	96	46	27	16	46.6
Mechanics and repairmen, except auto	–	335	–	21	37	36	12	120	68	20	13	8	40.1
Machinists	–	137	–	4	7	31	8	41	35	–	11	–	39.5
Metal craftsmen, except mechanics and machinists	–	418	–	13	32	25	39	125	101	58	20	5	43.0
Foremen, n.e.c.	–	406	–	3	4	41	18	136	132	36	36	–	45.1
Other craftsmen and kindred workers	5	1 469	46	48	149	121	158	379	372	105	74	17	40.6
Operatives, except transport	10	5 163	27	140	431	576	432	1 248	1 261	525	454	69	42.8
Assemblers	–	163	3	6	43	26	16	40	21	4	4	–	31.1
Garage workers and gas station attendants	–	140	10	26	12	16	–	29	30	12	–	5	37.1
Laundry and drycleaning operatives, including ironers	–	214	–	6	–	9	34	39	57	41	17	11	48.3
Precision machine operatives	–	277	–	–	16	33	37	68	72	7	44	–	42.7
Other operatives, except transport	10	4 369	14	102	360	492	345	1 072	1 081	461	389	53	43.1
Durable goods, manufacturing	10	3 036	6	35	213	304	223	755	812	355	301	32	44.8
Nondurable goods, including not specified manufacturing	–	483	3	18	65	88	56	107	78	33	35	–	36.1
Nonmanufacturing industries	–	850	5	49	82	100	66	210	191	73	53	21	40.9
Transport equipment operatives	4	2 205	15	16	136	180	174	549	601	211	174	149	45.5
Truck drivers	–	904	–	–	49	75	83	266	255	84	67	25	44.2
Other transport equipment operatives	4	1 301	15	16	87	105	91	283	346	127	107	124	46.5
Laborers, except farm	48	5 406	162	195	565	439	352	1 199	1 402	571	329	192	43.3
Construction laborers	–	829	6	7	79	48	64	208	234	90	50	43	45.1
Freight, stock, and material handlers	15	1 617	90	68	187	134	127	360	388	142	68	53	40.6
Other laborers, except farm	33	2 960	66	120	299	257	161	631	780	339	211	96	44.1
Manufacturing industries	10	1 817	–	50	163	182	127	423	526	169	154	23	44.1
Farmers and farm managers	–	60	–	–	–	21	5	5	11	18	–	–	...
Farm laborers and farm foremen	–	84	3	8	–	6	–	29	28	–	–	10	...
Service workers, except private household[1]	82	5 974	217	200	378	470	346	1 258	1 394	527	597	587	45.8
Cleaning service workers	8	3 154	93	74	150	152	193	613	797	368	354	360	48.8
Food service workers	19	742	75	48	82	81	48	131	122	51	61	43	37.8
Health service workers	–	363	14	15	41	46	17	119	80	19	4	8	39.1
Personal service workers	6	486	26	25	26	17	4	111	116	24	74	63	47.9
Protective service workers	–	612	–	9	40	112	37	162	122	19	56	55	41.7
Private household workers	–	96	4	–	–	–	–	17	10	17	8	40	...
Female employed	90	21 605	474	1 070	2 897	2 161	1 985	4 881	4 620	1 617	1 070	830	39.5
Professional, technical, and kindred workers	20	2 253	10	44	378	385	256	604	349	135	48	44	35.9
Registered nurses	–	399	–	9	53	75	50	97	75	20	13	7	36.3
Health workers, except nurses	–	384	5	3	46	95	53	102	40	21	–	19	34.1
Teachers, elementary and secondary schools	–	558	–	5	114	103	65	159	81	31	–	–	34.4
Technicians, except health	–	39	5	4	15	–	–	10	–	5	–	–	...
Other professional, technical, and kindred workers	20	873	–	23	150	112	88	236	153	58	35	18	37.7
Managers and administrators, except farm	–	296	–	–	35	44	7	73	82	25	30	–	43.5
Salaried	–	217	–	–	35	37	7	56	61	16	5	–	40.3
Self-employed	–	79	–	–	–	7	–	17	21	9	25	–	...
Sales workers	9	1 119	58	120	116	143	124	274	178	78	28	–	34.9
Retail trade	5	1 040	58	105	97	133	120	263	163	73	28	–	35.3
Clerical and kindred workers	10	5 374	210	554	1 370	641	488	1 091	780	153	55	32	29.3
Bookkeepers and cashiers	–	520	27	56	110	60	41	113	91	9	13	–	30.9
Office machine operators	–	261	–	11	118	50	22	25	28	–	7	–	25.2
Secretaries, stenographers, and typists	–	1 823	83	227	550	218	171	304	208	48	10	4	26.2
Other clerical and kindred workers	10	2 770	100	260	592	313	254	649	453	96	25	28	32.4
Craftsmen and kindred workers	11	218	2	7	37	16	16	40	63	19	11	7	42.8
Operatives, except transport	11	1 995	4	34	233	254	222	468	481	168	81	50	40.4
Sewers and stitchers	–	122	–	–	24	20	5	28	24	4	5	12	39.3
Laundry and drycleaning operatives, including ironers	–	555	–	7	6	21	62	168	165	95	26	5	45.8
Other operatives, except transport	11	1 318	4	27	203	213	155	272	292	69	50	33	37.1
Durable goods, manufacturing	–	468	–	14	81	86	34	117	105	13	18	–	36.6
Nondurable goods, including not specified manufacturing	11	473	–	8	84	107	75	80	71	21	4	23	32.5
Nonmanufacturing industries	–	377	4	5	38	20	46	75	116	35	28	10	45.0
Transport equipment operatives	–	28	–	–	–	–	–	6	11	–	5	6	...
Laborers, except farm	–	252	12	–	57	23	21	53	40	18	17	11	37.5
Farmers and farm managers	–	32	–	–	8	13	–	3	4	4	–	–	...
Farm laborers and farm foremen	–	26	–	–	6	6	–	–	14	–	–	–	...
Service workers, except private household[1]	25	7 116	156	289	567	557	766	1 894	1 773	615	348	151	41.5
Cleaning service workers	–	1 588	26	17	–	59	134	340	599	214	154	45	48.6
Food service workers	–	1 443	75	109	118	92	187	383	279	122	45	33	38.7
Health service workers	5	2 592	37	125	285	292	324	732	538	164	84	11	38.2
Practical nurses	–	684	–	–	31	122	70	220	140	67	30	4	40.4
Personal service workers	–	737	4	27	65	29	70	242	168	84	35	13	42.2
Protective service workers	–	75	–	–	–	5	9	29	32	–	–	–	...
Private household workers	4	2 896	22	22	90	79	85	375	845	402	447	529	54.2

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
READING SMSA													
Total													
Male employed	859	78 737	2 384	2 545	6 966	7 815	7 283	16 820	17 676	7 515	5 960	3 773	42.4
Professional, technical, and kindred workers	11	8 176	27	117	900	1 266	1 052	2 044	1 596	474	441	259	38.6
Accountants	–	657	–	–	100	98	47	155	139	45	28	45	40.4
Architects	–	28	–	–	–	–	–	20	3	–	5	–	...
Computer specialists	–	252	–	–	38	63	93	48	10	–	–	–	31.3
Engineers	–	1 566	–	4	78	243	236	462	366	76	85	16	39.8
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–	–
Civil	–	148	–	–	10	10	5	60	17	15	26	5	43.2
Electrical and electronic	–	431	–	–	25	101	90	86	114	–	9	6	35.0
Mechanical	–	201	–	–	10	29	22	66	49	17	8	–	41.0
Other engineers	–	786	–	4	33	103	119	250	186	44	42	5	40.4
Lawyers and judges	–	133	–	–	–	21	13	26	55	–	9	9	46.2
Life and physical scientists	–	237	–	–	13	25	36	67	74	17	–	5	41.6
Chemists	–	198	–	–	13	16	21	62	64	17	–	5	42.9
Physicians, dentists, and related practitioners	–	571	–	–	3	19	43	157	146	86	67	50	49.3
Dentists	–	132	–	–	–	–	15	49	28	16	16	8	45.7
Pharmacists	–	64	–	–	3	9	–	12	13	5	18	4	...
Physicians, medical and osteopathic	–	309	–	–	–	5	23	86	93	50	33	19	49.4
Other related practitioners	–	66	–	–	–	5	5	10	12	15	–	19	...
Health technologists and technicians	–	78	–	–	21	–	10	15	16	4	–	12	...
Religious workers	–	246	–	–	–	9	36	61	72	14	39	15	47.4
Social scientists	–	67	–	–	• 5	25	14	6	17	–	–	–	...
Social and recreation workers	–	112	–	17	32	16	–	22	5	–	6	14	27.2
Teachers	–	1 455	–	4	204	284	196	352	183	93	107	32	36.1
College and university	–	202	–	–	12	14	43	42	51	21	19	–	42.6
Elementary and prekindergarten	–	300	–	–	61	105	33	55	13	6	21	6	29.2
Secondary	–	847	–	–	131	160	115	250	82	46	46	17	35.7
Engineering and science technicians	–	1 276	22	60	262	248	150	273	202	33	15	11	31.5
Draftsmen and surveyors	–	756	17	54	162	126	88	148	113	28	9	11	31.1
Electrical and electronic engineering technicians	–	118	–	–	15	44	10	21	23	5	–	–	30.0
Technicians, except health, and engineering and science	6	64	–	–	9	15	11	16	9	–	4	–	...
Airplane pilots	–	21	–	–	5	–	6	5	5	–	–	–	...
Writers, artists, and entertainers	5	531	–	16	71	83	47	133	105	27	30	19	38.6
Other professional, technical, and kindred workers	–	903	5	16	64	117	120	231	194	79	46	31	40.6
Managers and administrators, except farm	15	6 824	11	33	248	582	680	1 685	1 836	805	566	378	45.9
Buyers, purchasing agents, and sales managers	–	882	–	5	75	84	154	158	216	114	55	21	42.8
School administrators	–	149	–	–	–	11	23	39	33	31	12	–	45.5
Specified managers and administrators, public administration	–	290	–	5	8	17	4	55	107	38	39	17	50.2
Other specified managers and administrators	–	1 266	–	12	56	155	119	319	272	111	144	78	44.1
Managers and administrators, n.e.c., salaried	15	3 323	11	11	99	274	341	890	926	374	242	155	45.4
Manufacturing	15	1 324	–	–	21	82	133	358	422	150	112	46	46.6
Wholesale and retail trade	–	938	11	6	46	95	102	233	237	117	51	40	44.0
Transportation, communications, and other public utilities	–	266	–	–	–	30	31	77	60	45	23	–	44.4
All other industries	–	795	–	5	32	67	75	222	207	62	56	69	44.8
Managers and administrators, n.e.c., self-employed	–	914	–	–	10	41	39	224	282	137	74	107	50.1
Construction	–	154	–	–	–	5	8	75	37	6	14	9	43.5
Manufacturing	–	101	–	–	6	5	–	18	26	22	6	18	53.3
Wholesale and retail trade	–	493	–	–	4	26	31	102	145	88	42	55	50.8
All other industries	–	166	–	–	–	5	–	29	74	21	12	25	51.6
Sales workers	330	4 817	234	105	468	458	355	1 078	1 064	446	313	296	42.3
Insurance agents, brokers, and underwriters	6	709	–	6	59	95	73	166	147	75	45	43	42.3
Real estate agents and brokers	–	127	–	–	–	17	19	34	16	10	7	24	43.1
Sales representatives, manufacturing industries	4	666	–	–	43	61	41	199	187	73	40	22	44.4
Sales representatives, wholesale trade	–	828	7	–	80	92	100	191	175	79	62	42	42.1
Sales clerks, retail trade	14	1 042	73	72	156	66	50	154	241	95	70	65	41.8
Salesmen, retail trade	–	678	20	16	43	49	36	185	148	73	65	43	44.5
Salesmen of services and construction	–	211	–	–	20	31	9	48	45	19	16	23	44.5
Other sales workers	306	556	134	11	67	47	27	101	105	22	8	34	33.5
Clerical and kindred workers	–	5 443	154	200	514	531	428	1 056	1 298	481	439	342	43.5
Bank tellers and cashiers	–	223	54	26	49	3	12	6	21	11	20	21	23.2
Bookkeepers and billing clerks	–	569	4	10	27	82	40	107	122	52	61	64	46.2
Mail handlers and postal clerks	–	503	8	5	6	31	24	147	210	45	16	11	46.5
Other clerical and kindred workers	–	4 148	88	159	432	415	352	796	945	373	342	246	42.9
Craftsmen and kindred workers	30	19 007	218	469	1 666	1 890	1 721	4 357	4 572	2 017	1 497	600	43.1
Apparel craftsmen and upholsterers	–	233	3	–	15	17	21	47	26	18	28	58	50.2
Bakers	–	209	6	10	11	27	21	36	25	19	33	21	43.2
Cabinetmakers	–	148	–	–	14	12	33	28	21	26	10	4	40.4
Construction craftsmen	12	4 398	47	158	448	484	403	1 093	942	296	339	188	41.0
Carpenters	–	1 130	19	55	103	89	106	271	210	94	105	78	42.1
Excavating, grading, and road machine operators	–	343	–	–	11	56	37	132	61	29	4	13	40.1
Electricians	–	896	–	25	132	82	104	201	229	54	27	42	40.2
Masons and tile setters	5	372	–	17	32	50	24	145	65	5	34	–	39.3
Painters, construction and maintenance, and paperhangers	7	546	24	28	76	36	33	94	82	57	82	34	43.1
Plasterers and cement finishers	–	156	–	–	12	15	15	28	65	5	12	4	46.2
Plumbers and pipe fitters	–	630	4	24	51	111	67	146	138	29	51	9	39.0
Other construction craftsmen	–	325	–	9	31	45	17	76	92	23	24	8	43.0
Foremen, n.e.c.	6	3 021	–	9	89	242	317	670	987	393	276	38	46.9
Manufacturing	6	2 193	–	9	64	163	252	487	760	274	161	23	46.6
Nonmanufacturing industries	–	828	–	–	25	79	65	183	227	119	115	15	47.7
Linemen and servicemen, telephone and power	–	579	–	4	85	153	36	166	94	23	14	4	35.7
Locomotive engineers and firemen	–	90	–	–	–	–	–	10	57	11	6	6	...
Mechanics and repairmen	6	4 310	122	141	423	403	377	973	937	480	314	140	42.1
Air conditioning, heating, and refrigeration	–	280	4	5	28	58	22	61	57	36	5	4	38.8
Aircraft	–	81	–	–	10	21	–	35	15	–	–	–	...
Automobile, including body	6	1 607	62	82	251	135	159	361	258	168	101	30	38.2
Radio and television	–	156	6	–	6	9	10	53	37	21	5	9	43.9
Other mechanics and repairmen	–	2 186	50	54	128	180	186	463	570	255	203	97	45.6
Metal craftsmen, except mechanics	–	3 068	–	75	295	319	281	607	782	432	216	61	44.3
Machinists and job and die setters	–	1 041	–	53	131	90	116	191	247	123	79	11	41.8
Sheetmetal workers and tinsmiths	–	276	–	–	27	48	22	70	45	38	26	–	40.9
Tool and die makers	–	546	–	8	50	100	30	88	148	75	22	25	44.7
Other metal craftsmen	–	1 205	–	14	87	81	113	258	342	196	89	25	46.4
Printing craftsmen	–	497	20	35	84	39	46	129	70	51	10	13	36.9
Compositors and typesetters	–	187	–	19	37	–	9	58	33	31	–	–	39.9
Pressmen and plate printers, printing	–	248	20	16	42	19	25	67	23	20	10	6	35.3
Stationary engineers and power station operators	–	190	–	–	7	15	13	50	73	15	17	–	46.4
Other craftsmen and kindred workers	6	2 264	20	37	195	179	173	548	558	253	234	67	44.6

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

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

READING SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	49	16 387	514	800	1 666	1 555	1 501	3 276	3 829	1 671	1 200	375	41.6
Assemblers	–	1 161	20	35	108	111	108	264	296	117	74	28	42.5
Checkers, examiners, and inspectors; manufacturing	–	947	–	48	87	99	51	168	260	138	87	9	45.8
Garage workers and gas station attendants	8	467	145	77	57	20	22	32	42	22	38	12	21.0
Laundry and drycleaning operatives, n.e.c	–	81	9	–	–	16	–	18	18	–	9	11	...
Meat cutters and butchers	–	378	14	16	27	20	39	81	88	45	37	11	44.0
Mine operatives, n.e.c	–	181	–	19	7	20	8	75	46	–	6	–	39.9
Packers and wrappers, except produce	–	348	22	33	33	24	26	50	106	11	23	20	42.2
Painters, manufactured articles	–	308	21	28	15	43	42	51	75	15	18	–	36.0
Precision machine operatives	4	1 459	30	84	148	144	96	214	414	151	148	30	45.3
Sawyers	6	155	–	–	14	22	19	17	47	16	6	14	46.2
Stationary firemen	–	199	5	–	3	–	9	49	59	15	38	21	50.7
Textile operatives	–	777	15	38	25	103	43	120	106	195	102	30	49.2
Welders and flamecutters	–	1 298	14	54	133	183	130	340	317	91	31	5	39.0
Other metalworking operatives	–	1 368	20	80	155	154	121	351	299	105	78	5	39.4
Other specified operatives	21	2 400	104	108	301	133	261	408	576	263	177	69	42.2
Miscellaneous and not specified operatives	10	4 860	95	180	553	463	526	1 038	1 080	487	328	110	40.9
Occupation:													
Machine operatives, miscellaneous specified	–	2 481	45	67	291	272	284	513	584	239	142	44	40.5
Machine operatives, not specified	–	684	12	34	76	83	56	116	151	108	43	5	42.0
Miscellaneous operatives	10	1 080	25	69	127	73	126	278	185	76	77	44	39.3
Not specified operatives	–	615	13	10	59	35	60	131	160	64	66	17	45.0
Industry:													
Manufacturing	6	4 549	80	174	513	450	481	997	1 039	443	284	88	40.8
Durable goods	6	2 494	40	101	207	233	243	566	563	282	206	53	42.5
Wood products, including furniture	–	122	–	20	16	10	3	10	27	17	13	6	45.7
Primary metal industries	6	900	21	8	43	98	140	195	223	92	64	16	42.2
Fabricated metal industries	–	305	4	12	31	18	11	73	73	45	22	16	45.5
Machinery, including electrical	–	610	5	36	82	30	37	147	120	65	78	10	42.8
Motor vehicles and equipment	–	296	5	6	23	49	25	79	74	29	6	–	40.1
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	261	5	19	12	28	27	62	46	34	23	5	41.4
Nondurable goods	–	2 035	40	73	306	212	232	426	476	157	78	35	38.6
Food and kindred products	–	538	15	41	54	32	60	117	142	43	25	9	40.7
Apparel and other fabricated textile products	–	82	11	6	9	18	4	–	12	11	–	11	...
Paper and allied products	–	298	7	4	65	12	23	53	60	32	27	15	42.2
Chemicals and allied products	–	167	–	4	13	20	10	42	43	18	17	–	43.7
Other nondurable goods	–	950	7	18	165	130	135	214	219	53	9	–	35.9
Not specified manufacturing industries	–	20	–	–	–	5	6	5	–	4	–	–	...
Nonmanufacturing industries	4	311	15	6	40	13	45	41	41	44	44	22	43.9
Transportation, communications, and other public utilities	–	92	–	–	12	9	11	18	11	19	12	–	...
Wholesale and retail trade	4	116	15	6	13	4	17	5	20	5	19	12	41.0
All other industries	–	103	–	–	15	–	17	18	10	20	13	10	46.5
Transport equipment operatives	13	5 108	25	95	355	604	722	1 337	1 169	396	259	146	40.6
Bus drivers	–	169	–	–	–	15	–	22	50	23	32	27	54.5
Taxicab drivers and chauffeurs	–	181	–	4	–	15	16	50	46	23	13	14	46.2
Truck drivers and deliverymen	9	3 916	25	67	285	465	610	1 082	862	280	150	90	39.7
Other transport equipment operatives	4	842	–	24	70	109	96	183	211	70	64	15	41.7
Laborers, except farm	119	4 814	484	408	540	380	369	753	911	402	364	203	38.0
Construction laborers	–	730	33	45	131	75	45	115	96	74	80	36	38.1
Freight, stock, and material handlers	63	1 817	305	211	199	148	179	259	278	132	71	35	31.3
Other specified laborers	43	905	99	105	110	69	42	122	147	57	74	80	37.3
Miscellaneous and not specified laborers	13	1 362	47	47	100	88	103	257	390	139	139	52	46.0
Occupation:													
Miscellaneous laborers	–	604	9	9	37	44	37	129	187	68	77	7	47.0
Not specified laborers	13	758	38	38	63	44	66	128	203	71	62	45	45.1
Industry:													
Manufacturing	4	1 114	29	37	75	76	82	205	338	126	94	52	46.6
Durable goods	–	907	20	33	52	52	76	167	288	95	79	45	46.9
Wood products, including furniture	–	20	–	–	9	5	–	–	–	–	–	6	...
Metal industries	–	594	16	15	29	47	56	101	196	76	38	20	46.7
Machinery, including electrical	–	125	4	18	4	–	–	14	53	11	16	5	49.2
Transportation equipment	–	86	–	–	–	–	11	40	18	8	9	–	...
Other durable goods	–	82	–	–	10	–	9	12	21	–	16	14	...
Nondurable goods	4	207	9	4	23	24	6	38	50	31	15	7	44.9
Food and kindred products	4	66	9	–	6	–	4	15	12	10	10	–	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	9	248	18	10	25	12	21	52	52	13	45	–	42.3
Railroads and railway express service	–	33	–	–	–	–	–	11	11	4	7	–	...
Transportation, except railroads	–	20	–	–	4	–	–	6	–	–	10	–	...
Communications, and utilities and sanitary services	–	32	–	–	–	–	–	5	18	4	5	–	...
Wholesale and retail trade	4	91	12	4	13	6	5	15	18	–	18	–	...
All other industries	5	72	6	6	8	6	16	15	5	5	5	–	...
Farmers and farm managers	5	1 322	6	9	57	83	79	325	356	102	104	201	47.9
Farm laborers and farm foremen	83	868	132	84	146	108	37	127	61	58	26	89	28.3
Paid farm laborers and farm foremen	63	724	96	54	121	89	37	127	61	47	15	77	30.3
Unpaid family workers	20	144	36	30	25	19	–	–	–	11	11	12	21.2
Service workers, except private household[1]	204	5 962	570	225	406	358	339	782	984	663	751	884	48.1
Cleaning service workers	62	2 336	139	75	78	61	84	233	461	311	435	459	55.6
Food service workers	94	1 483	352	101	149	43	67	165	207	151	123	125	36.8
Cooks, except private household	9	335	77	22	52	8	38	52	27	30	9	20	31.1
Busboys and dishwashers	58	372	192	49	20	8	4	30	17	16	14	22	17.9
Health service workers	–	146	22	10	17	10	4	34	23	4	11	11	37.9
Personal service workers	31	577	57	19	75	47	75	91	40	55	57	61	36.7
Protective service workers	–	1 097	–	–	68	157	90	197	199	107	98	181	46.8
Firemen, fire protection	–	110	–	–	13	29	15	24	8	12	9	–	34.3
Guards and watchmen	–	542	–	–	15	19	18	70	113	79	89	139	57.3
Policemen and detectives	–	397	–	–	40	102	57	103	78	11	–	6	35.0
Private household workers	–	9	9	–	–	–	–	–	–	–	–	–	...

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
READING SMSA—Continued													
Total—Continued													
Female employed	272	51 475	1 424	2 875	6 465	4 379	3 970	10 397	11 702	4 829	3 355	2 079	41.4
Professional, technical, and kindred workers	3	5 680	19	67	1 011	800	550	1 069	1 150	447	423	144	38.7
Accountants	3	150	–	18	23	11	12	28	40	7	11	–	38.9
Computer specialists	–	18	–	3	10	–	–	5	–	–	–	–	...
Librarians	–	88	–	–	10	11	4	21	31	–	6	5	...
Mathematical specialists	–	32	–	–	12	–	–	10	10	–	–	–	...
Life and physical scientists	–	24	–	–	13	5	6	–	–	–	–	–	...
Registered nurses, dietitians, and therapists	–	1 577	–	–	266	243	218	388	247	91	101	23	36.6
Dietitians	–	24	–	–	–	5	4	5	–	5	5	–	...
Registered nurses	–	1 471	–	–	256	215	205	374	221	86	91	23	36.6
Health technologists and technicians	–	234	–	10	78	26	23	49	30	–	11	7	30.7
Social scientists	–	20	–	6	–	–	–	–	8	–	6	–	...
Social and recreation workers	–	223	–	–	72	16	17	28	63	–	27	–	37.3
Teachers: College and university	–	73	–	–	11	5	4	24	14	6	9	–	...
Elementary and prekindergarten	–	1 535	–	11	233	255	106	223	283	213	170	41	42.3
Secondary	–	697	–	–	147	110	72	117	146	47	35	23	36.7
Other teachers	–	195	4	5	18	43	23	23	56	10	13	–	37.0
Engineering and science technicians	–	114	5	14	27	–	6	22	31	5	–	4	37.3
Technicians, except health, and engineering and science	–	17	–	–	–	–	6	–	11	–	–	–	...
Writers, artists, and entertainers	–	198	5	–	32	24	18	35	32	31	12	9	40.7
Actors and dancers	–	17	–	–	6	5	6	–	–	–	–	–	...
Authors, editors, and reporters	–	35	–	–	8	14	–	9	–	–	–	4	...
Other professional, technical, and kindred workers	–	485	5	–	59	51	35	96	148	37	22	32	44.6
Managers and administrators, except farm	–	1 151	14	5	63	40	68	279	353	92	130	107	48.0
Buyers, purchasing agents, and sales managers	–	155	4	–	21	6	7	41	32	21	18	5	44.6
Restaurant, cafeteria, and bar managers	–	144	–	–	–	–	7	55	55	22	5	–	46.8
School administrators	–	69	–	–	3	–	4	16	35	–	11	–	...
Other specified managers and administrators	–	225	10	–	10	15	16	37	87	10	20	20	47.8
Managers and administrators, n.e.c., salaried	–	419	–	5	29	19	34	118	112	22	41	39	45.4
Wholesale and retail trade	–	192	–	5	13	10	12	52	46	22	14	18	45.9
Managers and administrators, n.e.c., self-employed	–	139	–	–	–	–	–	12	32	17	35	43	61.2
Wholesale and retail trade	–	79	–	–	–	–	–	6	14	6	30	23	...
Sales workers	30	3 583	263	255	267	221	227	629	810	400	232	279	43.9
Demonstrators, hucksters, and peddlers	–	158	–	–	25	20	31	31	16	4	20	11	36.0
Insurance, real estate agents, and brokers	–	71	–	–	5	–	13	7	36	5	–	5	...
Sales clerks, retail trade	11	2 841	215	222	212	164	143	488	632	350	195	220	44.5
Salesmen, retail trade	–	99	5	3	–	10	–	37	30	–	4	10	...
Other sales workers	19	414	43	30	25	27	40	66	96	41	13	33	41.4
Clerical and kindred workers	58	13 725	318	1 359	2 699	1 453	1 256	2 670	2 502	719	419	330	34.1
Bank tellers	–	438	–	74	105	70	37	67	65	12	5	3	27.9
Bookkeepers	–	1 593	7	105	246	140	123	390	397	80	63	42	39.5
Cashiers	15	1 042	123	94	246	108	122	134	133	58	16	8	27.7
Counter clerks, except food	–	182	–	25	19	–	27	45	48	4	6	8	39.4
Enumerators and interviewers	–	19	–	–	–	10	–	9	–	–	–	–	...
File clerks	–	421	26	86	111	37	6	37	56	21	21	20	24.4
Office machine operators	4	716	16	79	239	118	49	110	86	14	–	5	26.0
Bookkeeping and billing machine operators	–	81	6	9	–	8	10	22	26	–	–	–	...
Keypunch operators	4	482	10	55	192	93	30	59	38	5	–	–	24.6
Payroll and timekeeping clerks	–	169	6	3	18	15	20	39	51	17	–	–	40.8
Receptionists	–	327	9	27	60	49	42	28	44	14	26	28	32.2
Secretaries	15	4 027	47	339	820	538	442	732	710	185	123	91	33.0
Stenographers	–	81	–	9	22	–	9	13	28	–	–	–	...
Telephone operators	–	417	–	45	36	50	38	130	80	16	22	–	38.0
Typists	–	1 342	53	202	290	93	98	227	226	62	50	41	31.7
Other clerical and kindred workers	24	2 951	31	271	487	225	243	709	578	236	87	84	38.1
Craftsmen and kindred workers	6	1 124	4	45	85	63	79	284	332	128	76	28	45.1
Foremen, n.e.c.	–	413	–	–	32	33	20	116	147	35	22	8	45.4
Operatives, except transport	39	16 870	345	574	1 311	1 274	1 225	3 846	4 521	2 106	1 155	513	44.6
Assemblers	–	638	21	28	57	79	68	194	143	24	12	12	38.4
Bottling and canning operatives	–	37	–	–	–	8	13	10	–	–	6	–	...
Checkers, examiners, and inspectors, manufacturing	–	1 314	33	43	110	67	65	290	365	201	120	20	46.3
Dressmakers and seamstresses, except factory	–	100	–	5	–	–	4	25	22	29	11	4	...
Laundry and dry cleaning operatives, including ironers	–	497	6	–	32	31	4	112	185	86	35	6	48.4
Graders and sorters, manufacturing	–	39	4	–	5	–	–	–	10	8	7	5	...
Packers and wrappers, except produce	–	1 799	17	48	171	162	107	378	578	216	95	27	45.3
Sewers and stitchers	5	5 716	102	231	406	385	380	1 270	1 462	815	441	224	45.6
Textile operatives	–	2 196	77	61	140	168	159	470	557	309	160	95	45.4
Other specified operatives	24	2 120	35	125	173	181	215	483	472	216	152	68	41.9
Miscellaneous and not specified operatives	10	2 414	50	33	217	193	210	614	727	202	116	52	43.2
Manufacturing	6	2 265	47	33	202	182	207	599	657	179	112	47	42.7
Durable goods	6	984	19	15	106	86	111	229	303	78	26	11	41.8
Machinery, including electrical	–	699	4	11	81	65	86	167	211	57	6	11	41.1
Other durable goods	6	285	15	4	25	21	25	62	92	21	20	–	43.5
Nondurable goods, including not specified manufacturing	–	1 281	28	18	96	96	96	370	354	101	86	36	43.3
Food and kindred products	–	389	7	5	18	26	31	124	113	29	16	20	43.7
Apparel and other fabricated textile products	–	492	5	8	38	30	42	149	132	41	37	10	43.3
Nonmanufacturing industries	4	149	3	–	15	11	3	15	70	23	4	5	48.9
Transport equipment operatives	5	126	–	–	6	17	18	30	28	15	–	12	42.3
Laborers, except farm	–	648	41	42	42	54	51	87	193	53	72	13	45.4
Farmers and farm managers	–	95	–	–	–	4	14	15	25	–	13	24	...
Farm laborers and farm foremen	4	274	19	21	28	6	30	43	70	38	19	–	42.7
Paid farm laborers and farm foremen	–	129	5	10	21	6	14	11	23	27	12	–	42.7
Unpaid family workers	4	145	14	11	7	–	16	32	47	11	7	–	42.7
Service workers, except private household[1]	91	7 421	383	488	923	430	447	1 382	1 549	703	640	476	42.5
Cleaning service workers	10	981	15	30	24	19	34	157	228	182	173	119	54.3
Chambermaids and maids	4	182	10	16	8	9	10	39	33	25	27	5	44.7
Food service workers	66	3 347	258	264	231	200	191	640	793	318	241	211	43.3
Cooks, except private household	6	691	8	10	5	26	20	114	241	118	103	46	51.7
Waiters and food counter workers	41	1 819	208	188	199	145	148	335	365	104	75	52	35.6
Health service workers	–	1 431	87	116	301	105	101	281	237	66	90	47	35.2
Nursing aides, orderlies, and attendants	–	659	62	63	106	68	52	112	110	33	32	21	32.9
Practical nurses	–	496	5	28	158	28	34	79	77	33	33	21	34.3
Personal service workers	11	1 149	5	72	280	81	77	229	191	89	76	49	37.6
Hairdressers and cosmetologists	–	779	5	51	250	64	52	124	113	56	21	43	31.9
Private household workers	36	778	18	19	30	17	5	63	169	128	176	153	57.7
Private household workers, living in	–	36	–	–	–	5	–	–	6	5	3	17	...
Private household workers, living out	36	742	18	19	30	12	5	63	163	123	173	136	57.5

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

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

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

WILKES-BARRE–HAZLETON SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	786	79 252	1 793	2 748	7 119	7 696	7 017	16 729	18 557	8 304	5 892	3 397	42.9
Professional, technical, and kindred workers	5	7 889	25	70	929	1 292	990	1 729	1 347	552	569	386	38.7
Accountants	–	605	–	6	70	114	65	132	101	55	33	29	38.6
Architects	–	59	–	–	–	6	5	20	5	4	15	4	...
Computer specialists	–	138	–	6	12	42	43	26	9	–	–	–	31.0
Engineers	–	965	–	–	79	128	152	275	170	79	34	48	39.5
Aeronautical and astronautical	–	6	–	–	–	–	–	–	6	–	–	–	...
Civil	–	171	–	–	32	43	9	34	17	24	4	8	35.4
Electrical and electronic	–	169	–	–	14	27	39	35	39	5	10	–	36.3
Mechanical	–	102	–	–	–	–	16	18	39	20	4	5	49.4
Other engineers	–	517	–	–	33	58	88	188	69	30	16	35	39.2
Lawyers and judges	–	240	–	5	–	9	38	50	43	37	22	36	49.2
Life and physical scientists	–	90	–	–	4	14	16	15	26	–	4	11	...
Chemists	–	59	–	–	4	14	12	10	15	–	4	–	...
Physicians, dentists, and related practitioners	–	757	–	–	5	35	64	186	163	85	144	75	50.4
Dentists	–	172	–	–	–	6	25	51	30	–	29	31	46.3
Pharmacists	–	194	–	–	–	13	15	55	32	30	40	9	49.4
Physicians, medical and osteopathic	–	295	–	–	–	6	20	62	59	44	69	35	55.1
Other related practitioners	–	96	–	–	5	10	4	18	42	11	6	–	...
Health technologists and technicians	–	89	–	–	19	27	20	9	9	5	–	–	...
Religious workers	–	419	–	–	6	38	41	77	101	49	62	45	49.7
Social scientists	–	49	–	–	–	16	20	4	5	4	–	–	...
Social and recreation workers	–	190	–	4	15	46	5	36	40	26	18	–	41.9
Teachers	–	1 911	4	–	356	392	266	351	244	94	138	66	33.8
College and university	–	442	–	–	30	96	81	101	87	11	36	–	36.4
Elementary and prekindergarten	–	327	–	–	80	79	43	45	40	9	14	17	30.5
Secondary	–	1 039	4	–	236	213	131	180	80	74	82	39	32.5
Engineering and science technicians	–	863	11	16	156	214	84	188	112	42	40	–	32.1
Draftsmen and surveyors	–	402	11	–	95	76	42	67	58	27	26	–	32.3
Electrical and electronic engineering technicians	–	208	–	–	31	59	17	69	27	5	–	–	34.1
Technicians, except health, and engineering and science	–	84	–	–	16	22	6	4	32	4	–	–	...
Airplane pilots	–	18	–	–	–	4	6	4	4	–	–	–	...
Writers, artists, and entertainers	5	499	10	16	79	53	43	125	83	30	18	42	38.9
Other professional, technical, and kindred workers	–	931	–	17	112	136	122	231	204	38	41	30	38.4
Managers and administrators, except farm	–	6 867	–	15	210	561	665	1 661	1 789	962	592	412	46.8
Buyers, purchasing agents, and sales managers	–	832	–	–	24	62	142	234	210	109	40	11	43.0
School administrators	–	178	–	–	–	5	4	32	52	36	40	9	54.2
Specified managers and administrators, public administration	–	488	–	6	4	14	23	100	147	97	64	33	51.6
Other specified managers and administrators	–	1 269	–	5	54	140	74	321	294	158	131	92	46.4
Managers and administrators, n.e.c., salaried	–	2 957	–	4	116	281	326	764	770	405	153	138	44.8
Manufacturing	–	912	–	–	23	76	92	304	272	96	20	29	43.7
Wholesale and retail trade	–	1 026	–	–	63	123	90	249	231	143	60	67	44.5
Transportation, communications, and other public utilities	–	227	–	–	5	27	31	40	59	41	20	4	46.8
All other industries	–	792	–	4	25	55	113	171	208	125	53	38	46.3
Managers and administrators, n.e.c., self-employed	–	1 143	–	–	12	59	96	210	316	157	164	129	51.2
Construction	–	215	–	–	8	27	30	55	22	37	27	9	42.7
Manufacturing	–	170	–	–	–	10	20	21	63	18	15	23	50.4
Wholesale and retail trade	–	605	–	–	4	19	30	115	192	87	90	68	52.0
All other industries	–	153	–	–	–	3	16	19	39	15	32	29	54.9
Sales workers	304	5 590	293	173	375	477	462	1 158	1 352	564	418	318	43.8
Insurance agents, brokers, and underwriters	–	669	–	–	35	37	99	183	176	63	30	46	43.9
Real estate agents and brokers	–	74	–	–	–	4	5	23	23	9	5	5	...
Sales representatives, manufacturing industries	6	496	–	–	11	61	56	147	159	35	22	5	43.2
Sales representatives, wholesale trade	–	1 084	6	6	49	117	85	192	316	117	120	76	47.8
Sales clerks, retail trade	6	1 602	103	109	183	105	125	277	315	175	113	97	41.4
Salesmen, retail trade	–	655	–	14	25	57	42	163	189	73	52	40	46.4
Salesmen of services and construction	–	232	5	8	5	41	19	61	47	15	26	5	41.2
Other sales workers	292	778	179	36	67	55	31	112	127	77	50	44	36.9
Clerical and kindred workers	13	6 106	139	384	757	568	485	1 232	1 424	623	289	205	40.8
Bank tellers and cashiers	–	359	47	70	43	15	17	72	44	20	20	11	31.3
Bookkeepers and billing clerks	–	567	4	20	69	46	32	140	130	34	53	39	43.0
Mail handlers and postal clerks	–	818	–	16	45	51	63	227	292	85	29	10	45.2
Other clerical and kindred workers	13	4 362	88	278	600	456	373	793	958	484	187	145	39.9
Craftsmen and kindred workers	78	18 597	85	277	1 389	1 762	2 049	4 466	4 629	1 916	1 297	727	43.4
Apparel craftsmen and upholsterers	–	520	–	6	40	41	66	129	145	52	16	25	43.3
Bakers	–	339	7	19	29	43	10	72	74	64	21	–	43.5
Cabinetmakers	–	105	–	5	–	–	9	6	41	14	24	6	52.9
Construction craftsmen	21	4 681	13	55	314	434	420	1 165	1 298	426	366	190	44.5
Carpenters	5	1 532	–	23	82	133	163	376	420	137	110	88	44.7
Excavating, grading, and road machine operators	–	566	3	–	35	62	28	152	177	59	42	8	45.2
Electricians	–	809	–	14	93	100	83	184	211	45	69	10	41.2
Masons and tile setters	4	380	–	6	3	42	30	108	109	33	30	19	45.1
Painters, construction and maintenance, and paperhangers	–	489	10	4	21	26	31	98	143	60	56	40	48.8
Plasterers and cement finishers	5	147	–	4	10	–	12	55	40	15	11	–	43.6
Plumbers and pipe fitters	7	538	–	–	33	59	46	146	143	51	35	25	44.0
Other construction craftsmen	–	220	–	4	37	12	27	46	55	26	13	–	41.5
Foremen, n.e.c	–	2 504	–	10	27	146	390	694	708	278	160	91	44.8
Manufacturing	–	1 589	–	4	17	111	318	470	413	157	46	53	42.3
Nonmanufacturing industries	–	915	–	6	10	35	72	224	295	121	114	38	48.7
Linemen and servicemen, telephone and power	–	573	–	–	56	118	74	154	122	18	26	5	37.5
Locomotive engineers and firemen	–	105	–	–	–	–	–	15	52	12	26	–	52.2
Mechanics and repairmen	5	4 633	35	61	469	507	531	1 001	1 059	464	306	200	42.1
Air conditioning, heating, and refrigeration	–	161	–	–	20	5	21	37	50	18	4	6	44.3
Aircraft	–	10	–	–	–	6	4	–	–	–	–	–	...
Automobile, including body	–	1 613	35	50	185	123	219	327	336	131	125	82	40.9
Radio and television	–	363	–	4	36	43	44	63	122	37	10	4	43.7
Other mechanics and repairmen	5	2 486	–	7	228	330	243	574	551	278	167	108	42.6
Metal craftsmen, except mechanics	–	1 549	5	5	142	169	174	418	381	170	70	15	41.7
Machinists and job and die setters	–	801	5	–	87	104	98	241	120	105	31	10	39.4
Sheetmetal workers and tinsmiths	–	230	–	–	24	26	34	40	97	5	4	–	42.8
Tool and die makers	–	162	–	–	5	26	7	48	53	18	5	–	44.0
Other metal craftsmen	–	356	–	5	26	13	35	89	111	42	30	5	45.9
Printing craftsmen	17	815	–	34	83	57	137	188	181	91	39	5	40.1
Compositors and typesetters	17	336	–	8	28	17	53	91	74	48	17	–	41.8
Pressmen and plate printers, printing	–	413	–	20	55	28	74	90	87	39	15	5	38.3
Stationary engineers and power station operators	–	157	–	–	4	4	5	30	58	33	23	–	51.1
Other craftsmen and kindred workers	35	2 616	25	82	225	243	233	594	510	294	220	190	43.4

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

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

WILKES-BARRE–HAZLETON SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**109**	**15 604**	**518**	**910**	**1 805**	**1 720**	**1 251**	**3 251**	**3 586**	**1 442**	**856**	**265**	**39.9**
Assemblers	5	981	35	50	150	85	87	196	256	62	45	15	39.3
Checkers, examiners, and inspectors; manufacturing	3	663	5	42	44	61	93	133	199	42	39	5	41.5
Garage workers and gas station attendants	26	503	83	73	46	46	21	79	51	28	44	32	30.8
Laundry and drycleaning operatives, n.e.c	4	167	16	5	5	9	17	29	38	37	11	–	45.7
Meat cutters and butchers	–	553	5	23	28	38	29	93	185	84	45	23	48.3
Mine operatives, n.e.c	–	511	13	7	11	30	9	62	211	89	66	13	50.9
Packers and wrappers, except produce	6	902	51	98	188	75	40	135	193	68	44	10	34.9
Painters, manufactured articles	–	272	11	22	42	24	44	60	35	29	5	–	34.2
Precision machine operatives	–	607	–	–	83	72	33	123	179	83	34	–	44.4
Sawyers	–	120	–	–	17	10	–	20	29	26	18	–	49.5
Stationary firemen	–	224	–	4	3	11	19	16	72	50	31	18	53.2
Textile operatives	–	671	25	69	106	46	41	158	114	49	47	16	38.1
Welders and flamecutters	–	1 090	–	20	73	127	107	298	330	81	40	14	42.3
Other metalworking operatives	–	632	14	28	74	77	41	128	155	65	42	8	41.4
Other specified operatives	56	3 510	143	189	321	409	321	814	756	307	186	64	39.6
Miscellaneous and not specified operatives	9	4 198	117	280	614	600	349	907	783	342	159	47	36.5
Occupation:													
Machine operatives, miscellaneous specified	4	1 819	52	103	242	241	181	434	333	123	92	18	37.1
Machine operatives, not specified	–	985	19	64	165	169	70	199	198	79	22	–	35.3
Miscellaneous operatives	5	1 028	26	91	158	128	75	211	191	108	15	25	36.7
Not specified operatives	–	366	20	22	49	62	23	63	61	32	30	4	36.1
Industry:													
Manufacturing	4	3 684	96	223	559	533	337	845	694	251	118	28	36.1
Durable goods	–	1 730	18	124	270	155	132	447	371	126	83	4	38.7
Wood products, including furniture	–	124	–	17	27	7	–	27	35	–	11	–	39.1
Primary metal industries	–	200	–	5	32	11	4	60	43	31	14	–	43.0
Fabricated metal industries	–	297	–	8	15	23	29	87	76	39	20	–	43.4
Machinery, including electrical	–	333	–	9	59	47	19	96	70	14	15	4	38.4
Motor vehicles and equipment	–	29	–	–	–	10	–	10	9	–	–	–	...
Transportation equipment, except motor vehicles	–	85	–	9	–	4	13	20	32	7	–	–	...
Other durable goods	–	662	18	76	137	53	67	147	106	35	23	–	33.5
Nondurable goods	4	1 923	78	99	283	373	201	393	318	119	35	24	33.2
Food and kindred products	–	330	–	11	32	39	24	57	88	53	8	18	45.2
Apparel and other fabricated textile products	4	425	6	19	53	84	42	104	86	18	10	3	35.8
Paper and allied products	–	307	5	4	65	106	44	49	34	–	–	–	28.8
Chemicals and allied products	–	73	–	4	6	–	23	8	17	15	–	–	...
Other nondurable goods	–	788	67	61	127	144	68	175	93	33	17	3	29.8
Not specified manufacturing industries	–	31	–	–	6	5	4	5	5	6	–	–	...
Nonmanufacturing industries	5	514	21	57	55	67	12	62	89	91	41	19	42.3
Transportation, communications, and other public utilities	5	46	–	–	3	13	–	7	9	5	5	4	...
Wholesale and retail trade	–	246	9	38	11	32	8	33	26	49	25	15	42.6
All other industries	–	222	12	19	41	22	4	22	54	37	11	–	40.9
Transport equipment operatives	**14**	**5 738**	**55**	**171**	**408**	**561**	**468**	**1 330**	**1 444**	**644**	**447**	**210**	**44.1**
Bus drivers	–	314	–	–	–	34	15	59	46	30	77	53	55.5
Taxicab drivers and chauffeurs	–	116	–	7	6	4	–	23	27	13	10	26	51.7
Truck drivers and deliverymen	14	4 132	50	124	325	458	363	978	993	493	259	89	42.6
Other transport equipment operatives	–	1 176	5	40	77	65	90	270	378	108	101	42	46.1
Laborers, except farm	**97**	**5 239**	**305**	**355**	**695**	**383**	**235**	**798**	**1 314**	**555**	**408**	**191**	**43.1**
Construction laborers	3	1 148	27	46	103	121	32	201	298	141	123	56	46.5
Freight, stock, and material handlers	35	1 913	167	188	294	97	119	316	441	189	77	25	37.9
Other specified laborers	49	939	59	51	149	84	55	82	252	80	64	63	43.7
Miscellaneous and not specified laborers	10	1 239	52	70	149	81	29	199	323	145	144	47	46.2
Occupation:													
Miscellaneous laborers	5	288	–	22	24	4	5	44	84	42	48	15	50.4
Not specified laborers	5	951	52	48	125	77	24	155	239	103	96	32	44.6
Industry:													
Manufacturing	5	738	44	33	80	54	19	139	196	83	72	18	45.0
Durable goods	–	394	22	17	39	29	9	67	102	28	68	13	46.4
Wood products, including furniture	–	60	–	–	5	–	–	14	32	4	5	–	...
Metal industries	–	136	4	4	10	14	–	37	37	–	24	6	44.7
Machinery, including electrical	–	53	7	–	–	4	9	–	13	4	16	–	...
Transportation equipment	–	38	5	4	–	7	–	5	5	5	–	7	...
Other durable goods	–	107	6	9	24	4	–	11	15	15	23	–	44.5
Nondurable goods	5	335	22	16	41	25	10	72	89	51	4	5	42.4
Food and kindred products	–	70	7	–	–	5	–	22	31	5	–	–	...
Not specified manufacturing industries	–	9	–	–	–	–	–	–	5	4	–	–	...
Nonmanufacturing industries	5	501	8	37	69	27	10	60	127	62	72	29	48.1
Railroads and railway express service	–	68	–	–	–	–	5	4	13	15	31	–	...
Transportation, except railroads	–	5	–	–	–	–	–	–	5	–	–	–	...
Communications, and utilities and sanitary services	–	83	–	4	11	–	–	21	28	5	10	4	...
Wholesale and retail trade	–	180	8	29	20	15	–	24	36	31	12	5	42.5
All other industries	5	165	–	4	38	12	5	11	45	11	19	20	47.8
Farmers and farm managers	–	**440**	–	**7**	**22**	**27**	**32**	**50**	**101**	**73**	**86**	**42**	**53.1**
Farm laborers and farm foremen	**55**	**281**	**53**	**44**	**37**	**20**	**13**	**30**	**28**	**9**	**18**	**29**	**26.6**
Paid farm laborers and farm foremen	50	271	53	39	32	20	13	30	28	9	18	29	27.9
Unpaid family workers	5	10	–	5	5	–	–	–	–	–	–	–	...
Service workers, except private household[1]	**106**	**6 883**	**320**	**342**	**492**	**325**	**363**	**1 024**	**1 543**	**960**	**908**	**606**	**48.7**
Cleaning service workers	10	2 301	96	90	101	67	44	182	524	479	460	258	55.5
Food service workers	81	1 720	187	174	200	94	81	260	355	171	126	72	39.8
Cooks, except private household	–	572	31	65	68	48	25	82	133	58	42	20	41.0
Busboys and dishwashers	41	255	88	58	54	3	–	25	27	–	–	–	19.4
Health service workers	–	281	18	12	34	26	21	35	80	25	22	8	43.4
Personal service workers	6	576	9	13	48	47	38	62	138	96	63	62	50.1
Protective service workers	–	1 500	–	17	36	79	126	390	352	147	202	151	47.9
Firemen, fire protection	–	198	–	–	5	6	20	34	71	36	22	4	49.8
Guards and watchmen	–	656	–	17	9	9	9	137	180	82	142	71	53.2
Policemen and detectives	–	555	–	–	22	64	97	208	95	29	33	7	39.5
Private household workers	**5**	**18**	–	–	–	–	**4**	–	–	**4**	**4**	**6**	...

[1]Includes allocated cases not shown separately.

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

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

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

WILKES-BARRE–HAZLETON SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	343	55 799	1 399	2 885	7 022	3 988	3 727	10 509	13 541	6 164	4 070	2 494	43.4
Professional, technical, and kindred workers	7	6 129	20	84	1 061	722	500	1 058	1 037	637	679	331	41.4
Accountants	–	138	6	7	35	7	18	40	22	–	3	–	33.9
Computer specialists	–	7	–	–	7	–	–	–	–	–	–	–	...
Librarians	–	115	–	6	13	15	10	26	18	13	14	–	40.2
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	7	–	–	–	7	–	–	–	–	–	–	...
Registered nurses, dietitians, and therapists	–	1 988	6	10	333	253	173	537	361	165	90	60	39.1
Dietitians	–	23	–	–	7	4	–	–	6	–	6	–	...
Registered nurses	–	1 924	6	10	316	244	173	532	339	160	84	60	39.0
Health technologists and technicians	–	214	–	26	78	26	10	32	20	13	4	5	25.6
Social scientists	–	4	–	–	–	–	–	–	–	–	–	4	...
Social and recreation workers	–	202	–	9	40	17	3	15	60	53	–	5	47.8
Teachers: College and university	7	156	–	–	21	15	22	39	20	15	5	19	40.1
Elementary and prekindergarten	–	1 507	–	–	234	180	91	123	181	201	372	125	51.9
Secondary	–	760	–	–	100	118	58	82	147	104	119	32	46.5
Other teachers	–	131	–	–	12	5	32	36	20	5	9	12	39.6
Engineering and science technicians	–	53	–	9	23	–	–	–	12	–	–	9	...
Technicians, except health, and engineering and science	–	16	–	–	–	–	–	11	5	–	–	–	...
Writers, artists, and entertainers	–	205	8	17	45	11	35	18	20	29	5	17	33.1
Actors and dancers	–	10	–	–	10	–	–	–	–	–	–	–	...
Authors, editors, and reporters	–	75	–	7	13	6	12	13	5	19	–	–	...
Other professional, technical, and kindred workers	–	626	–	–	120	68	48	99	151	39	58	43	42.8
Managers and administrators, except farm	–	1 252	8	13	72	53	58	235	360	166	174	113	50.2
Buyers, purchasing agents, and sales managers	–	101	5	–	3	11	–	20	30	22	10	–	48.8
Restaurant, cafeteria, and bar managers	–	145	–	7	4	–	–	21	56	15	33	9	52.2
School administrators	–	65	–	–	–	–	17	15	19	5	4	5	...
Other specified managers and administrators	–	295	–	6	31	23	9	32	86	21	31	56	50.4
Managers and administrators, n.e.c., salaried	–	421	3	–	34	19	17	106	113	43	70	16	47.8
Wholesale and retail trade	–	169	–	–	12	5	5	31	45	27	44	–	52.0
Managers and administrators, n.e.c., self-employed	–	225	–	–	–	–	15	41	56	60	26	27	55.0
Wholesale and retail trade	–	142	–	–	–	–	4	25	28	48	16	21	56.5
Sales workers	57	3 574	167	272	312	147	139	551	938	490	343	215	47.1
Demonstrators, hucksters, and peddlers	–	37	5	–	–	6	4	–	8	9	–	5	...
Insurance, real estate agents, and brokers	–	92	–	5	5	–	9	38	17	14	–	4	...
Sales clerks, retail trade	17	2 939	135	212	246	117	102	432	802	404	311	178	47.8
Salesmen, retail trade	–	40	–	–	4	–	–	9	7	20	–	–	...
Other sales workers	40	466	27	55	57	24	24	72	104	43	32	28	41.4
Clerical and kindred workers	67	12 273	388	1 309	2 678	1 097	878	2 003	2 242	771	536	371	33.8
Bank tellers	–	357	11	48	136	19	15	46	61	8	9	4	24.4
Bookkeepers	11	1 905	32	119	270	192	129	315	470	168	114	96	41.7
Cashiers	16	779	60	120	94	55	61	146	141	46	33	23	35.0
Counter clerks, except food	–	83	–	10	24	–	5	10	20	14	–	–	...
Enumerators and interviewers	–	29	–	–	6	–	–	–	5	10	4	4	...
File clerks	9	397	57	55	111	11	28	47	48	30	6	4	23.9
Office machine operators	–	1 051	18	96	388	124	109	160	136	20	–	–	25.9
Bookkeeping and billing machine operators	–	129	5	10	44	13	22	19	16	–	–	–	27.1
Keypunch operators	–	824	8	76	315	105	81	126	103	10	–	–	25.6
Payroll and timekeeping clerks	–	266	–	23	46	20	24	73	57	15	8	–	37.7
Receptionists	5	267	5	20	29	30	10	53	66	16	16	22	42.5
Secretaries	5	2 738	38	267	723	272	215	418	435	161	121	88	31.6
Stenographers	–	153	4	25	52	–	6	39	24	–	3	–	24.6
Telephone operators	–	452	–	81	80	27	26	110	64	24	28	12	36.1
Typists	–	1 054	35	193	292	73	60	130	165	72	24	10	25.5
Other clerical and kindred workers	21	2 742	128	252	427	274	190	456	550	187	170	108	37.2
Craftsmen and kindred workers	6	961	15	20	96	63	56	186	358	92	35	40	46.2
Foremen, n.e.c.	–	457	–	–	21	20	36	116	188	40	19	17	46.9
Operatives, except transport	68	23 453	354	766	1 981	1 506	1 706	5 338	6 719	2 878	1 536	669	45.1
Assemblers	–	869	14	83	165	76	100	244	163	18	6	–	34.8
Bottling and canning operatives	–	11	–	–	–	–	–	–	5	–	–	6	...
Checkers, examiners, and inspectors; manufacturing	–	1 849	18	105	239	168	205	388	469	171	72	14	39.9
Dressmakers and seamstresses, except factory	–	124	–	–	–	–	–	24	35	19	26	20	55.8
Laundry and dry cleaning operatives, including ironers	8	1 082	38	3	40	28	24	174	447	172	97	59	50.2
Graders and sorters, manufacturing	–	254	–	6	19	5	7	59	112	26	20	–	47.8
Packers and wrappers, except produce	5	2 084	22	125	268	219	223	429	546	194	50	8	39.3
Sewers and stitchers	8	10 768	138	178	694	611	706	2 626	3 198	1 523	766	328	46.3
Textile operatives	–	859	15	24	58	47	11	149	218	196	91	50	50.8
Other specified operatives	41	3 044	50	108	259	193	246	631	785	353	268	151	45.4
Miscellaneous and not specified operatives	6	2 509	59	134	239	159	184	614	741	206	140	33	42.8
Manufacturing	6	2 419	56	131	223	154	171	599	726	196	130	33	42.9
Durable goods	–	540	9	64	98	59	21	151	110	12	11	5	36.3
Machinery, including electrical	–	288	–	60	78	41	17	68	24	–	–	–	25.7
Other durable goods	–	252	9	4	20	18	4	83	86	12	11	5	43.6
Nondurable goods, including not specified manufacturing	6	1 879	47	67	125	95	150	448	616	184	119	28	45.1
Food and kindred products	–	105	–	–	–	–	20	24	51	–	5	5	46.7
Apparel and other fabricated textile products	6	781	16	29	30	24	54	172	269	81	89	17	47.4
Nonmanufacturing industries	–	90	3	3	16	5	13	15	15	10	10	–	...
Transport equipment operatives	–	52	–	4	4	–	18	9	10	2	–	5	...
Laborers, except farm	4	483	14	21	49	53	25	97	112	51	16	45	43.2
Farmers and farm managers	–	117	–	5	12	9	9	18	27	32	5	–	47.0
Farm laborers and farm foremen	3	44	–	6	6	–	7	5	9	5	6	–	...
Paid farm laborers and farm foremen	3	33	–	6	–	–	7	–	9	5	6	–	...
Unpaid family workers	–	11	–	–	6	–	–	5	–	–	–	–	...
Service workers, except private household[1]	118	6 726	416	373	725	329	319	956	1 530	924	599	555	46.6
Cleaning service workers	17	1 196	32	15	11	23	20	126	347	225	204	193	55.5
Chambermaids and maids	–	254	10	–	–	–	–	35	76	60	39	34	55.5
Food service workers	66	2 649	317	162	178	122	141	475	581	336	171	166	43.5
Cooks, except private household	10	481	31	6	11	5	5	120	111	114	40	38	50.6
Waiters and food counter workers	35	1 526	226	139	145	97	112	249	323	133	53	49	36.8
Health service workers	12	1 284	41	67	210	97	74	166	308	163	101	57	44.2
Nursing aides, orderlies, and attendants	6	587	36	23	89	32	33	75	154	107	21	17	45.4
Practical nurses	6	400	–	22	82	43	24	54	100	28	37	10	40.4
Personal service workers	5	1 068	16	70	237	73	53	117	185	140	91	86	42.3
Hairdressers and cosmetologists	–	728	–	54	204	67	47	71	129	85	49	22	34.1
Private household workers	13	735	17	12	26	9	12	53	199	116	141	150	56.7
Private household workers, living in	–	92	–	5	6	–	–	–	35	21	14	11	...
Private household workers, living out	13	643	17	7	20	9	12	53	164	95	127	139	57.1

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

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

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

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

YORK SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Male employed	1 023	86 872	2 667	3 253	8 630	9 774	8 716	18 726	18 228	7 125	5 653	4 100	40.6
Professional, technical, and kindred workers	17	9 381	19	97	1 147	1 391	1 250	2 189	1 820	639	473	356	38.6
Accountants	–	640	–	–	47	67	85	138	163	42	47	51	43.8
Architects	–	39	–	–	–	6	–	15	13	–	5	–	...
Computer specialists	–	241	–	–	42	76	30	80	13	–	–	–	30.4
Engineers	–	1 760	–	–	102	226	311	459	377	113	103	69	40.3
Aeronautical and astronautical	–	6	–	–	–	–	–	6	–	–	–	–	...
Civil	–	269	–	–	13	44	69	50	59	10	19	5	36.7
Electrical and electronic	–	227	–	–	28	29	28	88	37	11	6	–	38.2
Mechanical	–	350	–	–	4	27	84	88	64	34	25	24	41.8
Other engineers	–	908	–	–	57	126	130	227	217	58	53	40	41.2
Lawyers and judges	–	224	–	–	–	20	17	86	25	39	33	4	43.7
Life and physical scientists	–	140	–	–	–	26	16	37	32	9	15	5	42.6
Chemists	–	120	–	–	–	20	11	37	23	9	15	5	42.8
Physicians, dentists, and related practitioners	–	645	–	–	4	59	74	194	169	57	33	55	44.6
Dentists	–	134	–	–	–	5	24	32	29	25	9	10	47.1
Pharmacists	–	86	–	–	4	9	20	43	–	–	–	10	...
Physicians, medical and osteopathic	–	346	–	–	–	34	25	96	119	22	15	35	46.5
Other related practitioners	–	79	–	–	–	11	5	23	21	10	9	–	...
Health technologists and technicians	–	57	–	5	9	10	8	11	14	–	–	–	...
Religious workers	–	402	–	–	5	40	30	101	93	45	26	62	47.7
Social scientists	–	68	–	–	12	17	–	16	–	13	5	5	...
Social and recreation workers	–	71	–	–	13	5	–	14	18	5	16	–	...
Teachers	–	1 742	–	–	382	282	293	371	219	73	95	27	33.5
College and university	–	216	–	–	7	39	21	59	59	11	20	–	41.9
Elementary and prekindergarten	–	497	–	–	126	99	76	89	47	30	22	8	31.5
Secondary	–	945	–	–	230	144	179	217	88	32	49	6	32.8
Engineering and science technicians	5	1 214	10	57	259	253	142	200	193	73	20	7	31.0
Draftsmen and surveyors	5	696	5	49	113	151	72	112	124	43	20	7	32.1
Electrical and electronic engineering technicians	–	155	5	–	59	37	25	14	10	5	–	–	26.8
Technicians, except health, and engineering and science	–	113	–	5	10	5	16	42	30	5	–	–	39.9
Airplane pilots	–	41	–	–	4	5	4	13	15	–	–	–	...
Writers, artists, and entertainers	12	706	5	5	83	80	64	136	216	63	16	38	43.5
Other professional, technical, and kindred workers	–	1 319	4	25	179	219	164	289	245	102	59	33	37.4
Managers and administrators, except farm	–	7 958	8	27	308	620	785	1 978	2 393	811	659	369	46.1
Buyers, purchasing agents, and sales managers	–	1 270	–	5	67	101	173	248	423	130	89	34	46.0
School administrators	–	203	–	–	–	4	50	44	83	12	10	–	45.4
Specified managers and administrators, public administration	–	447	–	–	18	10	48	97	152	63	29	30	48.3
Other specified managers and administrators	–	1 232	4	6	133	82	141	316	323	83	100	44	42.9
Managers and administrators, n.e.c., salaried	–	3 611	4	16	72	381	294	957	1 062	369	321	135	45.8
Manufacturing	–	1 567	–	11	10	143	121	466	459	181	119	57	45.7
Wholesale and retail trade	–	900	4	5	42	130	98	222	241	62	64	32	42.7
Transportation, communications, and other public utilities	–	253	–	–	5	39	17	51	60	44	37	–	47.4
All other industries	–	891	–	–	15	69	58	218	302	82	101	46	47.8
Managers and administrators, n.e.c., self-employed	–	1 195	–	–	18	42	79	316	350	154	110	126	49.1
Construction	–	168	–	–	–	–	37	61	28	18	18	6	42.7
Manufacturing	–	154	–	–	–	9	5	19	75	18	11	17	50.9
Wholesale and retail trade	–	646	–	–	7	28	32	184	167	83	66	79	49.3
All other industries	–	227	–	–	11	5	5	52	80	35	15	24	50.1
Sales workers	328	5 287	313	236	351	518	438	1 249	1 211	442	215	314	41.3
Insurance agents, brokers, and underwriters	4	660	5	–	48	70	59	165	199	67	21	26	44.0
Real estate agents and brokers	–	229	–	–	5	16	40	74	54	9	16	15	42.2
Sales representatives, manufacturing industries	–	672	–	–	10	58	95	218	177	58	40	16	42.9
Sales representatives, wholesale trade	–	867	–	23	44	94	53	243	256	74	16	64	44.0
Sales clerks, retail trade	37	1 346	204	123	134	112	96	167	253	87	53	117	35.2
Salesmen, retail trade	–	771	19	30	61	90	31	219	166	86	30	39	42.1
Salesmen of services and construction	–	160	3	–	4	10	18	60	33	18	10	4	42.5
Other sales workers	287	582	82	60	45	68	46	103	73	43	29	33	33.9
Clerical and kindred workers	23	5 716	182	305	656	662	513	1 212	1 108	455	355	268	39.5
Bank tellers and cashiers	4	277	85	46	20	33	19	15	23	6	4	26	21.9
Bookkeepers and billing clerks	–	656	–	26	91	84	63	123	127	44	59	39	40.2
Mail handlers and postal clerks	–	673	9	13	22	53	61	187	225	75	23	5	44.5
Other clerical and kindred workers	19	4 110	88	220	523	492	370	887	733	330	269	198	39.1
Craftsmen and kindred workers	11	20 981	167	495	1 894	2 701	2 280	4 912	4 879	1 733	1 375	545	41.0
Apparel craftsmen and upholsterers	–	228	4	20	28	25	30	46	32	7	30	6	36.5
Bakers	–	86	–	6	8	–	–	17	21	19	15	–	...
Cabinetmakers	–	172	–	–	14	16	5	42	29	31	15	20	48.1
Construction craftsmen	7	5 433	36	159	496	693	614	1 170	1 368	469	280	148	41.1
Carpenters	5	1 699	12	55	131	142	156	328	472	204	125	74	45.5
Excavating, grading, and road machine operators	–	529	–	7	37	74	72	144	143	26	26	–	40.2
Electricians	–	863	4	27	106	180	53	162	201	54	55	21	38.8
Masons and tile setters	–	566	8	15	61	62	83	150	114	42	21	10	38.6
Painters, construction and maintenance, and paperhangers	–	539	12	16	32	48	40	109	168	43	38	33	45.7
Plasterers and cement finishers	–	312	–	12	28	50	66	83	51	12	10	–	35.0
Plumbers and pipe fitters	2	690	–	17	75	83	67	171	193	69	5	10	41.0
Other construction craftsmen	–	235	–	10	26	54	77	23	26	19	–	–	31.8
Foremen, n.e.c.	–	3 296	–	9	92	297	328	992	986	283	241	68	44.3
Manufacturing	–	2 368	–	–	76	185	199	705	724	215	202	62	45.3
Nonmanufacturing industries	–	928	–	9	16	112	129	287	262	68	39	6	41.9
Linemen and servicemen, telephone and power	–	627	–	18	79	149	103	172	77	24	–	5	33.3
Locomotive engineers and firemen	–	92	–	–	–	–	5	11	39	14	23	–	...
Mechanics and repairmen	–	4 352	76	108	443	631	493	953	941	301	269	137	39.5
Air conditioning, heating, and refrigeration	–	250	–	–	28	33	15	88	52	19	10	5	40.6
Aircraft	–	29	–	–	3	5	10	–	11	–	–	–	...
Automobile, including body	–	1 816	57	81	258	255	205	372	391	77	92	28	36.4
Radio and television	–	160	–	10	10	16	22	41	24	16	18	3	40.4
Other mechanics and repairmen	–	2 097	19	17	144	322	241	452	463	189	149	101	41.8
Metal craftsmen, except mechanics	–	2 902	29	68	319	436	244	660	693	213	199	41	40.4
Machinists and job and die setters	–	1 274	24	39	146	210	120	240	240	124	113	18	39.1
Sheetmetal workers and tinsmiths	–	198	5	–	11	15	24	47	71	15	10	–	44.4
Tool and die makers	–	665	–	9	134	108	63	126	180	26	9	10	36.5
Other metal craftsmen	–	765	–	20	28	103	37	247	202	48	67	13	42.9
Printing craftsmen	–	966	5	44	172	140	148	212	110	50	61	24	34.1
Compositors and typesetters	–	452	–	17	61	64	63	96	54	39	41	17	37.2
Pressmen and plate printers, printing	–	437	–	27	105	54	85	98	30	11	20	7	31.9
Stationary engineers and power station operators	–	261	–	–	12	32	21	40	60	39	52	5	49.3
Other craftsmen and kindred workers	4	2 566	17	63	231	282	289	597	523	283	190	91	41.7

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

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

YORK SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Operatives, except transport	**93**	**17 435**	**453**	**977**	**2 412**	**2 098**	**1 633**	**3 394**	**3 211**	**1 455**	**1 135**	**667**	**38.4**
Assemblers	–	1 462	20	99	200	96	153	277	269	167	138	43	40.9
Checkers, examiners, and inspectors; manufacturing	–	1 185	4	40	131	163	80	257	303	106	72	29	41.8
Garage workers and gas station attendants	31	497	135	114	46	38	37	53	32	9	23	10	20.0
Laundry and drycleaning operatives, n.e.c	–	59	4	9	22	–	4	5	6	4	5	–	...
Meat cutters and butchers	4	356	17	10	39	28	42	71	50	35	23	41	40.9
Mine operatives, n.e.c	–	138	–	5	16	31	15	26	45	–	–	–	35.8
Packers and wrappers, except produce	–	591	45	50	101	35	48	92	134	39	41	6	36.8
Painters, manufactured articles	–	382	6	12	53	58	26	79	101	21	22	4	39.6
Precision machine operatives	–	1 983	6	74	320	336	214	345	370	154	85	79	36.2
Sawyers	–	302	6	10	33	23	7	65	67	48	25	18	46.0
Stationary firemen	–	199	–	–	10	22	9	34	34	54	27	9	52.2
Textile operatives	5	480	33	20	84	24	40	88	75	34	40	42	39.4
Welders and flamecutters	–	1 471	7	27	203	247	111	310	308	148	85	25	39.5
Other metalworking operatives	–	800	31	67	136	85	92	157	108	24	57	43	34.4
Other specified operatives	43	2 951	58	173	375	346	328	593	444	305	178	151	38.3
Miscellaneous and not specified operatives	10	4 579	81	267	643	566	427	942	865	307	314	167	38.2
Occupation:													
Machine operatives, miscellaneous specified	–	1 985	20	65	234	221	198	457	420	146	175	49	40.6
Machine operatives, not specified	–	1 258	10	84	246	210	133	218	221	53	47	36	33.0
Miscellaneous operatives	10	862	17	65	101	95	76	167	169	69	67	36	39.6
Not specified operatives	–	474	34	53	62	40	20	100	55	39	25	46	37.8
Industry:													
Manufacturing	6	4 267	59	242	624	536	409	873	808	287	292	137	38.0
Durable goods	–	2 871	34	154	483	376	269	607	494	179	180	95	37.0
Wood products, including furniture	–	449	18	25	26	37	35	58	115	42	48	45	47.2
Primary metal industries	–	359	–	14	56	57	45	70	58	22	29	8	36.1
Fabricated metal industries	–	339	–	44	51	29	13	91	48	15	40	8	38.6
Machinery, including electrical	–	1 325	16	46	291	209	160	294	197	55	30	27	33.1
Motor vehicles and equipment	–	85	–	15	11	15	–	21	11	–	5	7	...
Transportation equipment, except motor vehicles	–	9	–	–	–	4	–	–	–	–	5	–	...
Other durable goods	–	305	–	10	48	25	16	73	65	45	23	–	42.3
Nondurable goods	6	1 389	25	85	141	160	140	266	314	108	112	38	40.4
Food and kindred products	–	301	5	26	24	21	21	79	49	36	32	8	41.8
Apparel and other fabricated textile products	–	27	–	7	–	6	–	9	–	–	5	–	...
Paper and allied products	6	620	–	28	69	84	67	120	162	43	38	9	40.2
Chemicals and allied products	–	34	–	–	3	–	5	13	9	4	–	–	...
Other nondurable goods	–	407	20	24	45	49	47	45	94	25	37	21	39.1
Not specified manufacturing industries	–	7	–	3	–	–	–	–	–	–	–	4	...
Nonmanufacturing industries	4	312	22	25	19	30	18	69	57	20	22	30	41.1
Transportation, communications, and other public utilities	–	48	–	–	–	5	8	20	9	–	–	6	...
Wholesale and retail trade	4	106	17	19	3	5	5	7	16	8	12	14	40.7
All other industries	–	158	5	6	16	20	5	42	32	12	10	10	41.4
Transport equipment operatives	**21**	**5 965**	**43**	**131**	**518**	**665**	**853**	**1 623**	**1 359**	**367**	**239**	**167**	**39.8**
Bus drivers	–	172	–	–	6	17	11	31	30	20	13	44	52.0
Taxicab drivers and chauffeurs	–	96	–	–	8	4	–	36	27	6	4	11	...
Truck drivers and deliverymen	16	4 340	31	79	331	477	646	1 287	1 026	248	130	85	39.7
Other transport equipment operatives	5	1 357	12	52	173	167	196	269	276	93	92	27	37.9
Laborers, except farm	**150**	**5 575**	**544**	**592**	**766**	**532**	**427**	**899**	**861**	**371**	**345**	**238**	**34.1**
Construction laborers	14	973	63	91	201	78	57	176	145	57	65	40	34.7
Freight, stock, and material handlers	38	2 181	277	332	271	265	158	318	285	119	98	58	29.0
Other specified laborers	77	1 240	119	78	165	73	129	179	225	88	101	83	38.1
Miscellaneous and not specified laborers	21	1 181	85	91	129	116	83	226	206	107	81	57	38.8
Occupation:													
Miscellaneous laborers	4	256	17	15	30	44	11	66	32	26	9	6	36.7
Not specified laborers	17	925	68	76	99	72	72	160	174	81	72	51	39.7
Industry:													
Manufacturing	4	865	58	82	105	77	55	158	133	92	68	37	38.5
Durable goods	–	528	11	37	65	69	21	126	81	63	33	22	39.8
Wood products, including furniture	–	86	–	17	5	16	–	21	11	5	11	–	...
Metal industries	–	220	11	7	22	35	16	42	41	32	8	6	39.5
Machinery, including electrical	–	119	–	9	8	13	5	34	20	21	4	5	42.2
Transportation equipment	–	5	–	–	5	–	–	–	–	–	–	–	...
Other durable goods	–	98	–	4	25	5	–	29	9	5	10	11	...
Nondurable goods	4	330	43	45	40	8	34	29	52	29	35	15	34.3
Food and kindred products	4	58	13	5	4	–	–	11	15	5	5	–	...
Not specified manufacturing industries	–	7	4	–	–	–	–	3	–	–	–	–	...
Nonmanufacturing industries	17	316	27	9	24	39	28	68	73	15	13	20	39.6
Railroads and railway express service	–	40	–	–	–	6	–	12	17	5	–	–	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	–	10	–	5	–	–	–	–	5	–	–	–	...
Wholesale and retail trade	4	152	22	–	13	22	–	30	35	6	10	14	41.3
All other industries	13	114	5	4	11	11	28	26	16	4	3	6	34.6
Farmers and farm managers	**4**	**2 151**	**11**	**24**	**85**	**124**	**143**	**517**	**538**	**198**	**241**	**270**	**48.2**
Farm laborers and farm foremen	**172**	**1 232**	**220**	**99**	**151**	**139**	**97**	**154**	**114**	**101**	**54**	**103**	**30.4**
Paid farm laborers and farm foremen	130	1 129	180	73	142	139	97	143	104	101	47	103	31.6
Unpaid family workers	42	103	40	26	9	–	–	11	10	–	7	–	18.9
Service workers, except private household[1]	**199**	**5 172**	**707**	**270**	**342**	**324**	**297**	**599**	**730**	**553**	**562**	**788**	**45.6**
Cleaning service workers	84	1 962	189	77	86	92	65	167	316	249	311	410	54.7
Food service workers	91	1 057	420	108	49	27	54	93	119	49	52	86	20.1
Cooks, except private household	33	393	150	82	20	8	22	24	43	10	16	18	19.1
Busboys and dishwashers	46	233	149	13	6	9	18	11	5	12	–	10	17.6
Health service workers	–	108	–	15	35	10	5	6	11	21	–	5	27.0
Personal service workers	4	420	50	31	32	51	45	64	57	18	22	50	35.2
Protective service workers	–	1 060	–	–	71	106	93	204	164	142	115	165	48.4
Firemen, fire protection	–	109	–	–	29	6	14	23	27	6	4	–	37.4
Guards and watchmen	–	535	–	–	12	11	5	51	94	115	100	147	59.1
Policemen and detectives	–	380	–	–	30	89	74	124	37	11	6	9	34.8
Private household workers	**5**	**19**	**–**	**–**	**–**	**–**	**–**	**–**	**4**	**–**	**–**	**15**	**...**

[1]Includes allocated cases not shown separately.

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

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

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

YORK SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	336	51 999	1 496	2 608	7 146	4 900	4 593	11 075	10 825	4 453	2 996	1 907	39.7
Professional, technical, and kindred workers	17	5 930	26	24	1 093	844	556	1 311	985	568	350	173	38.2
Accountants	–	189	–	–	22	18	20	56	52	11	5	5	41.2
Computer specialists	–	45	–	8	18	11	–	8	–	–	–	–	...
Librarians	–	136	4	6	17	19	10	30	41	5	4	–	39.0
Mathematical specialists	–	12	–	–	6	–	–	–	6	–	–	–	...
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	–	1 169	8	–	184	168	113	308	223	62	77	26	38.6
Dietitians	–	15	–	–	–	5	5	–	5	–	–	–	...
Registered nurses	–	1 126	8	–	178	163	108	299	209	62	73	26	38.5
Health technologists and technicians	–	201	–	–	99	40	19	9	13	11	5	5	25.2
Social scientists	–	10	–	–	–	–	–	6	–	4	–	–	...
Social and recreation workers	–	152	–	–	26	23	16	42	15	23	7	–	37.6
Teachers: College and university	–	120	–	–	5	25	–	37	26	15	5	7	43.1
Elementary and prekindergarten	–	1 796	5	–	307	219	132	349	270	252	179	83	41.7
Secondary	–	801	–	–	123	161	96	182	127	79	15	18	36.1
Other teachers	8	107	4	–	5	8	9	24	31	10	5	11	46.1
Engineering and science technicians	–	109	5	–	32	15	10	28	14	5	–	–	31.3
Technicians, except health, and engineering and science	–	10	–	–	–	5	–	5	–	–	–	–	...
Writers, artists, and entertainers	9	289	–	10	40	27	56	71	19	47	10	9	36.6
Actors and dancers	–	5	–	–	–	–	5	–	–	–	–	–	...
Authors, editors, and reporters	–	36	–	–	8	5	–	–	–	14	–	9	...
Other professional, technical, and kindred workers	–	784	–	–	209	105	75	156	148	44	38	9	35.2
Managers and administrators, except farm	–	1 184	5	5	72	78	95	306	319	127	99	78	46.0
Buyers, purchasing agents, and sales managers	–	197	–	–	21	11	5	66	32	36	21	5	44.3
Restaurant, cafeteria, and bar managers	–	177	–	5	12	10	21	42	54	16	9	8	44.6
School administrators	–	26	–	–	–	–	–	5	4	5	–	12	...
Other specified managers and administrators	–	249	–	–	30	20	31	48	68	29	15	8	44.1
Managers and administrators, n.e.c., salaried	–	378	5	–	9	32	38	115	106	36	17	20	44.1
Wholesale and retail trade	–	128	–	–	5	16	19	42	31	10	5	–	40.7
Managers and administrators, n.e.c., self-employed	–	157	–	–	–	5	–	30	55	5	37	25	52.9
Wholesale and retail trade	–	104	–	–	–	5	–	24	35	–	20	20	51.6
Sales workers	89	3 945	284	267	377	322	249	772	823	399	239	213	41.1
Demonstrators, hucksters, and peddlers	–	155	–	6	19	21	24	32	39	8	6	–	37.3
Insurance, real estate agents, and brokers	–	77	–	–	–	–	10	22	28	11	6	–	...
Sales clerks, retail trade	44	3 078	257	218	280	247	149	578	666	312	198	173	41.7
Salesmen, retail trade	–	75	–	–	–	6	–	23	22	19	–	5	...
Other sales workers	45	560	27	43	78	48	66	117	68	49	29	35	36.5
Clerical and kindred workers	31	14 341	331	1 163	2 869	1 366	1 433	3 101	2 647	705	452	274	35.0
Bank tellers	–	383	8	22	92	41	36	95	56	11	17	5	34.0
Bookkeepers	–	1 525	20	82	253	113	143	382	317	105	70	40	39.0
Cashiers	16	1 041	146	114	153	81	90	170	189	60	20	18	31.5
Counter clerks, except food	–	141	–	4	31	8	6	24	47	21	–	–	44.0
Enumerators and interviewers	–	48	–	–	4	–	11	22	11	–	–	–	...
File clerks	–	312	18	16	47	46	21	61	57	15	21	10	36.3
Office machine operators	–	601	5	57	180	92	57	128	56	21	5	–	28.2
Bookkeeping and billing machine operators	–	82	–	17	18	8	–	29	5	5	–	–	...
Keypunch operators	–	420	5	40	137	67	47	81	34	4	5	–	27.1
Payroll and timekeeping clerks	–	262	–	6	46	34	34	49	65	17	5	6	37.2
Receptionists	–	376	6	24	62	55	47	64	71	5	15	27	34.4
Secretaries	–	3 889	42	290	915	409	423	827	629	181	88	85	33.4
Stenographers	–	120	–	15	28	6	21	22	19	4	5	–	32.6
Telephone operators	–	480	7	71	99	43	52	98	74	18	9	9	31.9
Typists	–	1 404	27	191	331	110	137	320	236	17	25	10	31.6
Other clerical and kindred workers	15	3 759	52	271	628	328	355	839	820	230	172	64	37.9
Craftsmen and kindred workers	–	1 320	–	31	152	114	119	282	346	125	102	49	43.7
Foremen, n.e.c.	–	459	–	11	18	32	33	90	173	53	32	17	47.6
Operatives, except transport	46	15 005	205	608	1 587	1 356	1 263	3 266	3 629	1 571	1 071	449	42.6
Assemblers	5	789	–	34	130	81	81	207	172	61	19	4	38.3
Bottling and canning operatives	–	93	6	–	–	12	7	27	20	6	10	5	...
Checkers, examiners, and inspectors; manufacturing	–	1 132	–	45	94	111	91	258	321	128	70	14	43.7
Dressmakers and seamstresses, except factory	–	151	6	–	–	–	4	23	44	20	9	45	54.7
Laundry and dry cleaning operatives, including ironers	–	635	8	25	54	54	47	169	146	67	47	18	42.7
Graders and sorters, manufacturing	–	94	–	3	6	20	6	14	21	9	10	5	...
Packers and wrappers, except produce	5	1 382	22	54	131	117	170	248	362	148	75	55	42.9
Sewers and stitchers	–	3 930	49	119	318	374	329	822	970	481	372	96	44.4
Textile operatives	–	1 164	25	47	143	106	63	263	300	116	85	16	42.5
Other specified operatives	31	3 012	76	195	439	260	267	623	604	246	208	94	39.3
Miscellaneous and not specified operatives	5	2 623	13	86	272	221	198	612	669	289	166	97	43.5
Manufacturing	5	2 469	9	78	254	193	188	568	642	278	162	97	44.0
Durable goods	–	925	5	32	139	54	82	238	250	86	23	16	41.3
Machinery, including electrical	–	308	–	5	57	15	22	67	94	33	11	4	43.2
Other durable goods	–	617	5	27	82	39	60	171	156	53	12	12	40.6
Nondurable goods, including not specified manufacturing	5	1 544	4	46	115	139	106	330	392	192	139	81	45.8
Food and kindred products	–	216	–	–	16	13	19	60	44	26	17	21	45.0
Apparel and other fabricated textile products	–	328	–	–	37	49	31	56	100	27	18	10	43.4
Nonmanufacturing industries	–	154	4	8	18	28	10	44	27	11	4	–	37.0
Transport equipment operatives	–	339	–	10	27	42	67	72	64	27	24	6	38.3
Laborers, except farm	–	948	5	40	129	87	87	204	271	57	60	8	41.2
Farmers and farm managers	5	112	–	–	16	–	5	9	19	20	10	33	56.8
Farm laborers and farm foremen	–	245	24	–	5	34	22	75	36	20	13	16	40.0
Paid farm laborers and farm foremen	–	153	24	–	5	34	17	29	6	14	8	16	34.0
Unpaid family workers	–	92	–	–	–	–	5	46	30	6	5	–	...
Service workers, except private household[1]	105	7 558	582	418	795	609	619	1 533	1 481	679	457	385	39.9
Cleaning service workers	10	803	38	8	11	37	45	187	166	147	83	81	49.5
Chambermaids and maids	–	209	25	–	–	15	16	47	41	32	11	22	45.4
Food service workers	85	3 414	420	166	145	274	253	756	722	326	195	157	40.9
Cooks, except private household	–	1 065	23	8	36	32	74	240	333	150	101	68	48.6
Waiters and food counter workers	77	1 648	342	135	72	190	131	318	276	108	43	33	33.2
Health service workers	–	1 206	50	93	247	111	126	194	199	69	80	37	34.0
Nursing aides, orderlies, and attendants	–	468	40	58	57	20	37	102	102	14	23	15	37.2
Practical nurses	–	471	–	16	124	66	42	37	70	41	53	22	33.5
Personal service workers	–	1 271	30	73	222	106	120	291	213	76	54	86	37.9
Hairdressers and cosmetologists	–	872	–	52	207	83	105	194	144	47	20	20	34.5
Private household workers	43	1 072	34	42	24	48	78	144	205	155	119	223	53.1
Private household workers, living in	–	103	–	–	–	5	5	–	15	9	11	58	65+
Private household workers, living out	43	969	34	42	24	43	73	144	190	146	108	165	51.6

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

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE												
Total												
Experienced civilian labor force	**2 902 232**	**265 844**	**229 725**	**168 007**	**263 684**	**323 864**	**352 858**	**550 228**	**511 879**	**236 143**	**7 567**	**8 209**
Professional, technical, and kindred workers	**385 626**	**19 800**	**22 433**	**10 340**	**16 473**	**24 741**	**30 780**	**66 179**	**113 685**	**81 195**	**10 091**	**11 150**
Accountants	29 782	1 238	1 291	814	1 154	1 679	2 567	5 543	10 049	5 447	10 301	11 042
Architects	2 600	58	128	41	62	60	52	299	826	1 074	13 632	14 343
Computer specialists	11 548	374	453	229	398	635	923	2 338	4 652	1 546	10 456	11 084
Engineers	66 961	1 219	1 165	616	1 193	1 235	2 383	8 072	29 260	21 818	13 007	13 328
Aeronautical and astronautical	1 739	37	5	19	18	10	7	97	660	886	15000+	15000+
Civil	8 170	155	195	134	216	212	308	1 016	3 603	2 331	12 566	13 025
Electrical and electronic	14 412	194	277	103	300	202	377	1 537	6 393	5 029	13 297	13 625
Mechanical	10 160	124	153	56	182	147	263	1 036	4 638	3 561	13 362	13 647
Other engineers	32 480	709	535	304	477	664	1 428	4 386	13 966	10 011	12 770	13 069
Lawyers and judges	11 262	341	423	151	181	181	295	579	1 889	7 222	15000+	15000+
Life and physical scientists	10 348	259	376	201	279	367	596	1 709	3 787	2 774	11 831	12 426
Chemists	7 817	171	249	146	210	306	445	1 432	2 889	1 969	11 643	12 234
Physicians, dentists, and related practitioners	29 697	1 030	1 242	636	554	796	946	2 215	5 250	17 028	15000+	15000+
Dentists	5 443	158	155	85	129	162	139	386	999	3 230	15000+	15000+
Pharmacists	5 626	458	315	142	117	179	265	643	2 119	1 388	11 638	12 335
Physicians, medical and osteopathic	15 656	312	624	340	229	338	446	941	1 551	10 875	15000+	15000+
Other related practitioners	2 972	102	148	69	79	117	96	245	581	1 535	15000+	15000+
Health technologists and technicians	3 646	608	483	194	373	402	415	527	422	222	6 410	7 400
Religious workers	12 569	1 381	2 312	919	1 696	1 846	1 337	1 543	1 133	402	5 986	6 137
Social scientists	4 267	141	173	107	131	132	197	578	1 380	1 428	12 444	13 275
Social and recreation workers	5 498	603	467	193	344	514	869	1 369	906	233	7 723	8 460
Teachers	69 603	4 398	5 782	1 830	2 436	6 230	6 856	15 413	19 929	6 729	8 943	9 899
College and university	18 865	1 326	1 588	524	514	608	714	2 419	6 271	4 901	11 387	13 042
Elementary and prekindergarten	13 407	1 050	1 336	385	590	1 888	1 868	3 227	2 743	320	7 779	8 594
Secondary	33 685	1 453	2 528	753	1 104	3 434	3 920	9 019	10 244	1 230	8 810	9 320
Engineering and science technicians	50 369	2 221	2 982	1 877	3 466	5 822	7 160	13 103	11 879	1 859	8 253	8 679
Draftsmen and surveyors	25 778	1 104	1 755	1 059	1 937	2 805	3 344	6 354	6 528	892	8 279	8 728
Electrical and electronic engineering technicians	7 821	304	381	227	343	865	1 161	2 079	2 154	307	8 606	9 012
Technicians, except health, and engineering and science	4 155	182	204	136	213	357	416	658	1 137	852	9 731	10 577
Airplane pilots	1 307	14	30	35	42	46	53	158	332	597	14 149	14 800
Writers, artists, and entertainers	25 094	2 462	1 717	881	1 510	1 531	1 892	4 160	6 939	4 002	9 228	10 216
Other professional, technical, and kindred workers	48 227	3 285	3 235	1 515	2 483	2 954	3 876	8 073	14 247	8 559	9 676	10 681
Managers and administrators, except farm	**270 602**	**8 657**	**8 793**	**6 820**	**12 407**	**16 015**	**21 110**	**41 918**	**77 174**	**77 708**	**11 269**	**11 670**
Buyers, purchasing agents, and sales managers	37 931	756	895	674	1 217	2 346	3 200	6 442	11 233	11 168	11 529	11 833
School administrators	7 517	147	170	61	98	114	211	509	3 366	2 841	13 637	13 937
Specified managers and administrators, public administration	16 268	488	367	494	747	1 186	1 862	3 664	5 372	2 088	9 632	9 843
Other specified managers and administrators	49 328	2 208	2 133	1 783	3 035	3 570	4 694	8 809	13 541	9 555	9 644	10 111
Managers and administrators, n.e.c., salaried	124 476	2 719	2 882	1 979	4 494	6 014	8 311	18 248	36 360	43 469	12 419	12 756
Manufacturing	40 149	524	435	342	610	990	1 601	4 316	12 227	19 104	14 603	14 791
Wholesale and retail trade	37 253	957	1 279	856	2 145	2 950	3 681	7 151	9 115	9 119	9 890	10 230
Transportation, communications, and other public utilities	10 921	161	154	90	265	380	570	1 932	4 178	3 191	12 284	12 465
All other industries	36 153	1 077	1 014	691	1 474	1 694	2 459	4 849	10 840	12 055	12 223	12 696
Managers and administrators, n.e.c., self-employed	35 082	2 339	2 346	1 829	2 816	2 785	2 832	4 246	7 302	8 587	9 222	9 576
Construction	6 221	316	366	208	398	465	473	831	1 547	1 617	10 173	11 032
Manufacturing	3 191	189	187	135	248	153	178	324	621	1 156	11 461	12 188
Wholesale and retail trade	19 019	1 284	1 312	1 149	1 714	1 696	1 652	2 346	3 833	4 033	8 599	8 871
All other industries	6 651	550	481	337	456	471	529	745	1 301	1 781	9 346	9 869
Sales workers	**187 416**	**23 036**	**13 210**	**8 539**	**13 121**	**15 875**	**18 078**	**28 239**	**39 373**	**27 945**	**8 131**	**9 041**
Insurance agents, brokers, and underwriters	23 651	758	770	661	1 173	1 944	2 437	4 665	6 619	4 624	9 750	10 154
Real estate agents and brokers	6 695	471	393	208	310	409	480	827	1 592	2 005	10 784	11 703
Sales representatives, manufacturing industries	22 501	753	694	421	757	1 105	1 962	3 779	7 215	5 815	11 233	11 697
Sales representatives, wholesale trade	32 256	1 435	1 427	1 270	2 145	2 862	3 521	5 616	8 271	5 709	9 235	9 627
Sales clerks, retail trade	48 885	11 533	6 101	3 275	4 598	5 258	4 622	5 722	5 252	2 524	5 768	6 932
Salesmen, retail trade	22 782	1 867	1 537	1 427	2 311	2 262	2 634	3 531	4 711	2 502	7 754	8 385
Salesmen of services and construction	8 331	694	526	208	430	652	753	1 643	2 213	1 212	9 099	9 731
Other sales workers	22 315	5 525	1 762	1 069	1 397	1 383	1 669	2 456	3 500	3 554	7 013	8 288
Clerical and kindred workers	**235 013**	**23 166**	**18 893**	**13 573**	**22 263**	**31 493**	**36 959**	**52 311**	**29 585**	**6 770**	**7 220**	**7 729**
Bank tellers and cashiers	10 414	3 264	2 017	778	1 028	1 263	906	761	325	72	3 927	5 967
Bookkeepers and billing clerks	20 391	1 474	1 458	1 094	2 066	2 633	3 159	4 368	3 221	918	7 465	7 812
Mail handlers and postal clerks	32 925	1 737	1 547	873	1 617	3 896	7 733	12 364	2 854	304	7 878	8 112
Other clerical and kindred workers	171 283	16 691	13 871	10 828	17 552	23 701	25 161	34 818	23 185	5 476	7 119	7 683
Craftsmen and kindred workers	**662 954**	**30 596**	**36 419**	**30 335**	**56 514**	**76 888**	**94 071**	**162 690**	**148 756**	**26 685**	**8 082**	**8 503**
Apparel craftsmen and upholsterers	7 246	537	596	586	1 132	1 115	1 012	1 244	888	136	6 692	7 123
Bakers	6 081	516	606	508	748	1 191	951	989	462	110	6 556	6 869
Cabinetmakers	3 670	310	318	300	594	597	579	626	315	31	6 524	6 915
Construction craftsmen	172 635	9 199	12 130	9 758	16 165	20 033	22 677	37 630	37 074	7 969	7 839	8 478
Carpenters	48 534	2 879	4 187	3 382	5 391	6 096	6 373	9 884	9 124	1 218	7 366	7 947
Excavating, grading, and road machine operators	18 656	648	1 137	1 009	1 686	2 737	2 813	4 040	3 945	641	7 750	7 955
Electricians	29 583	1 005	1 086	908	1 781	2 472	3 948	7 742	8 337	2 304	8 928	9 223
Masons and tile setters	14 756	707	909	787	1 195	1 782	1 839	3 866	3 215	456	8 082	8 786
Painters, construction and maintenance, and paperhangers	17 934	1 901	2 188	1 628	2 478	2 384	2 267	2 950	1 695	443	6 324	7 337
Plasterers and cement finishers	6 566	419	579	508	667	769	864	1 301	1 211	248	7 395	8 317
Plumbers and pipe fitters	25 446	938	1 139	880	1 996	2 693	3 175	5 657	7 005	1 963	8 672	8 978
Other construction craftsmen	11 160	702	905	656	971	1 100	1 398	2 190	2 542	696	7 891	8 765
Foremen, n.e.c.	93 788	1 482	948	1 445	3 428	6 035	10 365	24 587	36 825	8 673	9 886	10 042
Manufacturing	60 947	873	409	746	1 856	3 571	6 211	16 203	25 725	5 353	10 117	10 288
Nonmanufacturing industries	32 841	609	539	699	1 572	2 464	4 154	8 384	11 100	3 320	9 523	9 708
Linemen and servicemen, telephone and power	20 430	537	789	488	1 127	1 862	2 293	4 842	7 674	818	9 288	9 568
Locomotive engineers and firemen	5 378	82	72	80	133	224	387	1 364	2 569	467	10 675	10 941
Mechanics and repairmen	147 165	8 552	10 058	8 614	15 690	20 436	23 169	35 228	22 319	3 099	7 442	7 761
Air conditioning, heating, and refrigeration	7 504	399	388	332	792	900	1 124	1 885	1 400	284	7 837	8 210
Aircraft	2 932	71	89	52	141	232	373	949	959	66	9 071	9 286
Automobile, including body	55 288	4 324	5 699	4 674	7 435	8 072	7 911	10 293	5 740	1 140	6 683	7 090
Radio and television	6 700	563	584	412	749	970	950	1 401	916	155	7 076	7 533
Other mechanics and repairmen	74 741	3 195	3 298	3 144	6 573	10 262	12 811	20 700	13 304	1 454	7 851	8 128
Metal craftsmen, except mechanics	81 305	2 004	2 406	2 464	5 959	9 567	13 287	25 392	18 591	1 635	8 391	8 632
Machinists and job and die setters	32 044	848	1 076	1 239	2 691	4 472	5 894	9 824	5 675	325	7 966	8 266
Sheetmetal workers and tinsmiths	8 453	239	301	216	614	944	1 345	2 159	2 401	234	8 526	8 698
Tool and die makers	12 852	304	291	234	680	1 120	1 585	4 092	4 120	426	9 081	9 309
Other metal craftsmen	27 956	613	738	775	1 974	3 031	4 463	9 317	6 395	650	8 512	8 715
Printing craftsmen	22 271	1 076	1 180	975	1 698	2 452	3 185	6 010	5 118	577	8 190	8 514
Compositors and typesetters	9 225	447	488	440	665	996	1 280	2 660	2 054	195	8 223	8 512
Pressmen and plate printers, printing	10 275	511	594	428	835	1 261	1 549	2 630	2 224	243	7 974	8 313
Stationary engineers and power station operators	11 220	253	249	277	730	1 435	1 530	3 418	2 925	403	8 665	8 833
Other craftsmen and kindred workers	91 765	6 048	7 067	4 840	9 110	11 941	14 636	21 360	13 996	2 767	7 470	7 837

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969									Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**483 203**	**39 732**	**40 890**	**35 573**	**57 662**	**74 241**	**77 245**	**102 934**	**50 163**	**4 763**	**6 912**	**7 422**
Assemblers	30 633	2 030	2 625	2 392	3 737	4 953	5 249	6 666	2 798	183	6 915	7 416
Checkers, examiners, and inspectors; manufacturing	29 064	838	1 247	1 379	2 880	4 739	5 461	8 132	4 010	378	7 632	7 916
Garage workers and gas station attendants	19 321	9 128	3 592	1 380	1 670	1 220	855	859	447	170	2 296	5 079
Laundry and drycleaning operatives, n.e.c	3 356	690	693	456	448	321	339	206	133	70	4 647	5 407
Meat cutters and butchers	14 145	1 157	1 122	938	1 455	1 860	2 205	3 573	1 497	338	7 245	7 612
Mine operatives, n.e.c	12 281	409	850	784	1 261	1 522	2 204	3 874	1 259	118	7 596	7 971
Packers and wrappers, except produce	16 743	2 606	2 299	1 631	2 461	2 921	2 042	2 103	615	65	5 746	6 473
Painters, manufactured articles	7 170	465	765	519	1 037	1 210	1 287	1 305	534	48	6 660	7 085
Precision machine operatives	38 935	1 451	2 016	2 015	3 814	6 095	7 511	10 722	5 125	186	7 543	7 888
Sawyers	5 014	359	767	841	755	821	632	578	246	15	5 715	6 237
Stationary firemen	6 979	159	512	395	765	1 167	999	1 909	1 000	73	7 492	7 802
Textile operatives	11 037	879	1 288	1 455	2 201	2 252	1 418	1 146	331	67	5 862	6 276
Welders and flamecutters	42 844	1 392	2 037	2 045	4 278	6 638	8 033	10 922	6 575	924	7 626	7 916
Other metalworking operatives	29 309	1 445	2 037	1 780	3 507	4 362	4 853	6 858	4 179	288	7 314	7 710
Other specified operatives	80 517	7 751	8 598	7 570	10 403	11 898	11 272	14 378	7 688	959	6 499	7 090
Miscellaneous and not specified operatives	135 855	8 973	10 442	9 993	16 990	22 262	22 885	29 703	13 726	881	6 967	7 419
Occupation:												
Machine operatives, miscellaneous specified	57 314	3 234	4 172	4 208	7 375	9 336	9 638	12 585	6 436	330	7 034	7 453
Machine operatives, not specified	27 159	1 418	2 023	1 992	3 419	4 819	4 898	6 096	2 354	140	6 981	7 380
Miscellaneous operatives	33 809	3 021	3 002	2 621	4 358	5 448	5 325	6 835	2 962	237	6 716	7 284
Not specified operatives	17 573	1 300	1 245	1 172	1 838	2 659	3 024	4 187	1 974	174	7 189	7 617
Industry:												
Manufacturing	120 939	6 852	8 970	8 737	15 073	20 120	20 858	27 009	12 642	678	7 034	7 462
Durable goods	80 116	3 980	5 220	5 214	9 556	13 610	14 822	19 150	8 111	453	7 167	7 544
Wood products, including furniture	3 514	436	507	536	745	415	346	359	127	43	5 373	5 850
Primary metal industries	26 449	913	1 083	1 144	2 324	4 313	5 544	7 588	3 392	148	7 622	7 905
Fabricated metal industries	9 953	530	843	643	1 514	1 748	1 818	2 032	787	38	6 828	7 304
Machinery, including electrical	18 446	930	1 165	1 264	2 140	3 342	3 350	4 283	1 889	83	7 114	7 491
Motor vehicles and equipment	2 311	64	131	87	241	263	333	718	458	16	8 102	8 441
Transportation equipment, except motor vehicles	3 893	171	250	210	415	654	914	891	358	30	7 270	7 570
Other durable goods	15 550	936	1 241	1 330	2 177	2 875	2 517	3 279	1 100	95	6 727	7 179
Nondurable goods	40 104	2 828	3 649	3 463	5 436	6 381	5 938	7 744	4 456	209	6 733	7 263
Food and kindred products	8 668	693	915	825	1 405	1 818	1 384	1 204	404	20	6 273	6 646
Apparel and other fabricated textile products	2 738	399	497	492	518	287	233	206	74	32	4 961	5 629
Paper and allied products	8 797	421	786	701	1 189	1 349	1 305	1 864	1 168	14	6 965	7 507
Chemicals and allied products	6 058	188	294	280	544	974	1 206	1 718	826	28	7 621	7 958
Other nondurable goods	13 843	1 127	1 157	1 165	1 780	1 953	1 810	2 752	1 984	115	6 867	7 473
Not specified manufacturing industries	719	44	101	60	81	129	98	115	75	16	6 570	7 101
Nonmanufacturing industries	14 916	2 121	1 472	1 256	1 917	2 142	2 027	2 694	1 084	203	6 323	6 996
Transportation, communications, and other public utilities	3 447	155	153	201	316	509	705	1 002	382	24	7 552	7 796
Wholesale and retail trade	5 393	992	637	512	785	795	631	787	219	35	5 708	6 473
All other industries	6 076	974	682	543	816	838	691	905	483	144	6 027	6 779
Transport equipment operatives	**183 355**	**13 398**	**14 951**	**12 914**	**20 654**	**24 646**	**25 497**	**40 292**	**27 097**	**3 906**	**7 201**	**7 684**
Bus drivers	10 013	1 223	893	572	841	1 031	1 238	2 586	1 506	123	7 361	8 149
Taxicab drivers and chauffeurs	6 486	1 012	1 381	987	1 137	868	443	435	187	36	4 861	5 567
Truck drivers and deliverymen	127 012	8 483	9 863	8 665	13 878	16 426	17 104	27 893	21 305	3 395	7 362	7 815
Other transport equipment operatives	39 844	2 680	2 814	2 690	4 798	6 321	6 712	9 378	4 099	352	7 092	7 508
Laborers, except farm	**214 378**	**40 335**	**29 421**	**20 093**	**30 025**	**32 450**	**27 008**	**24 420**	**9 332**	**1 294**	**5 578**	**6 486**
Construction laborers	42 385	5 146	6 208	4 784	7 654	6 140	4 939	4 967	2 184	363	5 660	6 414
Freight, stock, and material handlers	72 488	16 567	9 764	5 752	8 349	10 427	9 464	8 888	2 970	307	5 498	6 596
Other specified laborers	41 991	11 294	6 664	4 147	5 206	5 057	3 977	3 474	1 739	433	4 732	6 027
Miscellaneous and not specified laborers	57 514	7 328	6 785	5 410	8 816	10 826	8 628	7 091	2 439	191	6 039	6 631
Occupation:												
Miscellaneous laborers	19 473	1 694	1 592	1 496	2 553	3 966	3 663	3 228	1 180	101	6 606	7 034
Not specified laborers	38 041	5 634	5 193	3 914	6 263	6 860	4 965	3 863	1 259	90	5 683	6 392
Industry:												
Manufacturing	40 957	3 770	4 698	3 776	6 313	7 874	6 854	5 707	1 875	90	6 244	6 779
Durable goods	33 603	2 653	3 607	2 925	5 076	6 679	5 878	5 045	1 672	68	6 380	6 883
Wood products, including furniture	1 465	227	310	295	267	156	116	53	31	10	4 663	5 197
Metal industries	21 980	1 511	2 092	1 553	3 004	4 558	4 198	3 779	1 251	34	6 621	7 121
Machinery, including electrical	3 496	304	393	288	649	666	552	471	158	15	6 171	6 629
Transportation equipment	2 084	168	235	222	360	418	316	283	73	9	6 136	6 514
Other durable goods	4 578	443	577	567	796	881	696	459	159	–	5 882	6 487
Nondurable goods	7 172	1 080	1 058	823	1 201	1 171	970	656	196	17	5 520	6 250
Food and kindred products	2 053	320	296	253	343	353	309	132	47	–	5 459	6 301
Not specified manufacturing industries	182	37	33	28	36	24	6	6	7	5	4 750	5 469
Nonmanufacturing industries	16 557	3 558	2 087	1 634	2 503	2 952	1 774	1 384	564	101	5 399	6 272
Railroads and railway express service	3 389	198	210	225	572	1 102	557	391	129	5	6 444	6 672
Transportation, except railroads	627	83	76	41	94	118	104	101	5	5	6 165	6 726
Communications, and utilities and sanitary services	2 732	304	214	273	542	499	404	338	132	26	6 066	6 511
Wholesale and retail trade	4 614	1 419	756	489	584	584	352	267	129	34	4 270	5 847
All other industries	5 195	1 554	831	606	711	649	357	287	169	31	4 351	5 694
Farmers and farm managers	**33 952**	**7 111**	**6 941**	**2 998**	**3 261**	**2 292**	**1 740**	**2 733**	**3 714**	**3 162**	**4 975**	**5 132**
Farm laborers and farm foremen	**20 131**	**8 320**	**4 718**	**2 002**	**1 901**	**1 223**	**639**	**642**	**457**	**229**	**2 740**	**3 846**
Paid farm laborers and farm foremen	19 121	7 673	4 546	1 952	1 860	1 192	634	614	434	216	2 830	3 975
Unpaid family workers	1 010	647	172	50	41	31	5	28	23	13	1 561	1 678
Service workers, except private household[1]	**224 189**	**51 087**	**32 682**	**24 680**	**29 271**	**23 961**	**19 687**	**27 812**	**12 528**	**2 481**	**5 125**	**6 121**
Cleaning service workers	74 692	15 213	12 265	11 487	13 119	9 590	5 627	4 895	2 099	397	4 859	5 476
Food service workers	49 710	19 471	9 156	4 839	5 065	3 491	2 602	2 619	1 914	553	3 176	5 262
Cooks, except private household	14 124	4 112	2 456	1 410	1 612	1 305	1 160	1 129	779	161	4 350	5 940
Busboys and dishwashers	10 021	7 539	1 692	426	184	70	31	55	15	9	1 329	2 695
Health service workers	7 505	1 765	1 490	1 077	1 154	927	586	289	176	41	4 462	5 437
Personal service workers	21 840	5 032	3 316	2 506	2 912	2 264	1 703	1 874	1 601	632	5 023	5 876
Protective service workers	52 071	4 468	3 576	3 064	5 126	5 849	7 641	16 108	5 648	591	7 517	7 953
Firemen, fire protection	6 721	133	80	123	363	742	979	2 855	1 343	103	8 659	8 749
Guards and watchmen	21 048	2 980	2 701	2 317	3 130	2 480	2 960	3 247	1 115	118	5 807	6 582
Policemen and detectives	22 291	592	607	517	1 519	2 366	3 466	9 745	3 119	360	8 427	8 539
Private household workers	**1 413**	**606**	**374**	**140**	**132**	**39**	**44**	**58**	**15**	**5**	**2 537**	**3 670**

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Negro												
Experienced civilian labor force	196 881	24 407	25 018	18 962	24 944	27 204	25 751	31 729	16 009	2 857	6 188	6 845
Professional, technical, and kindred workers	12 054	905	987	740	1 015	1 061	1 243	2 119	3 003	981	8 072	8 763
Accountants	477	20	18	40	33	51	42	103	155	15	8 670	9 233
Architects	80	–	–	3	–	–	13	–	45	19	...	...
Computer specialists	310	10	9	5	4	30	36	67	124	25	9 821	10 657
Engineers	632	46	41	45	30	24	36	114	207	89	9 649	10 911
Aeronautical and astronautical	21	4	–	2	–	–	–	–	15	–	...	...
Civil	89	9	17	14	5	14	–	15	11	4	...	...
Electrical and electronic	195	–	13	11	15	10	11	31	61	43	10 533	11 516
Mechanical	54	–	–	–	–	–	9	5	21	19	...	...
Other engineers	273	33	11	18	10	–	16	63	99	23	9 540	10 899
Lawyers and judges	168	4	–	–	–	7	7	13	47	90	15000+	15000+
Life and physical scientists	340	15	5	–	31	27	7	49	167	39	11 078	11 477
Chemists	261	10	5	–	31	27	–	42	119	27	10 651	10 958
Physicians, dentists, and related practitioners	577	19	18	13	29	25	20	40	140	273	14 446	15000+
Dentists	118	4	–	9	6	–	5	13	34	47	13 235	...
Pharmacists	81	9	8	4	5	6	10	–	36	3	...	...
Physicians, medical and osteopathic	351	6	4	–	13	19	–	27	59	223	15000+	15000+
Other related practitioners	27	–	6	–	5	–	5	–	11	–	...	...
Health technologists and technicians	325	49	25	22	55	56	41	54	17	6	6 205	6 438
Religious workers	533	32	66	65	85	59	72	68	58	28	6 314	6 472
Social scientists	137	5	–	4	4	6	5	42	38	33	10 329	11 447
Social and recreation workers	717	61	55	24	63	94	87	202	115	16	7 707	8 438
Teachers	2 117	150	100	99	42	133	185	444	840	124	9 574	9 702
College and university	372	58	31	24	13	10	11	46	132	47	9 696	11 438
Elementary and prekindergarten	657	37	16	12	7	76	68	122	280	39	9 844	9 351
Secondary	896	43	53	41	17	40	97	197	370	38	9 594	9 553
Engineering and science technicians	1 552	60	169	155	205	196	229	220	278	40	6 954	7 481
Draftsmen and surveyors	590	21	91	81	49	137	56	82	64	9	6 387	6 671
Electrical and electronic engineering technicians	305	4	10	27	22	20	75	39	88	20	7 927	8 897
Technicians, except health, and engineering and science	169	20	20	14	–	22	28	28	37	–	7 304	7 900
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	840	102	105	36	143	53	85	108	170	38	6 642	7 796
Other professional, technical, and kindred workers	3 080	312	356	215	291	278	350	567	565	146	7 251	8 078
Managers and administrators, except farm	6 197	333	556	456	613	638	629	1 145	1 216	611	7 799	8 327
Buyers, purchasing agents, and sales managers	469	15	30	28	18	53	78	108	112	27	8 231	8 625
School administrators	288	9	–	5	19	6	8	10	82	149	15000+	15000+
Specified managers and administrators, public administration	849	23	13	46	30	67	84	207	282	97	9 560	9 933
Other specified managers and administrators	1 723	86	210	162	205	199	203	281	268	109	6 997	7 422
Managers and administrators, n.e.c., salaried	2 116	120	206	133	222	199	217	463	382	174	7 820	8 370
Manufacturing	341	9	16	14	19	18	9	101	83	72	9 693	9 735
Wholesale and retail trade	733	23	68	71	103	96	90	166	103	13	7 061	7 579
Transportation, communications, and other public utilities	140	14	21	–	4	20	20	21	24	16	7 550	8 000
All other industries	902	74	101	48	96	65	98	175	172	73	7 684	8 331
Managers and administrators, n.e.c., self-employed	752	80	97	82	119	114	39	76	90	55	5 983	6 687
Construction	145	5	15	10	35	7	10	28	22	13	7 050	8 200
Manufacturing	17	3	–	–	–	9	–	5	–	–	...	...
Wholesale and retail trade	419	53	48	53	61	75	25	21	62	21	5 910	6 609
All other industries	171	19	34	19	23	23	4	22	6	21	5 587	6 237
Sales workers	4 707	858	800	524	434	551	483	491	469	97	5 395	6 576
Insurance agents, brokers, and underwriters	513	20	35	37	37	85	74	92	106	27	7 574	8 279
Real estate agents and brokers	119	–	–	9	6	–	37	15	29	23	9 000	...
Sales representatives, manufacturing industries	230	20	22	16	34	42	16	28	52	–	6 548	6 735
Sales representatives, wholesale trade	386	41	39	68	25	55	37	79	31	11	6 364	7 104
Sales clerks, retail trade	1 767	391	315	232	161	230	148	143	119	28	4 765	6 071
Salesmen, retail trade	406	57	73	42	74	44	42	31	38	5	5 419	6 771
Salesmen of services and construction	203	22	22	–	42	30	38	12	34	3	6 517	7 211
Other sales workers	1 083	307	294	120	55	65	91	91	60	–	3 595	4 769
Clerical and kindred workers	19 307	2 452	2 126	1 435	2 334	3 026	2 537	4 001	1 185	211	6 432	7 106
Bank tellers and cashiers	529	194	107	35	65	60	25	32	–	11	3 318	5 559
Bookkeepers and billing clerks	588	42	83	37	86	83	95	119	36	7	6 554	7 058
Mail handlers and postal clerks	4 874	330	330	201	318	623	896	1 797	339	40	7 709	8 116
Other clerical and kindred workers	13 316	1 886	1 606	1 162	1 865	2 260	1 521	2 053	810	153	6 062	6 683
Craftsmen and kindred workers	31 893	2 603	2 975	2 046	3 754	4 356	5 466	6 555	3 742	396	7 039	7 463
Apparel craftsmen and upholsterers	490	58	63	68	63	72	63	74	17	12	5 889	6 306
Bakers	490	29	54	28	87	133	87	48	19	5	6 353	6 703
Cabinetmakers	68	17	6	–	19	4	12	–	10	–	...	...
Construction craftsmen	7 582	737	858	505	882	1 044	1 187	1 443	825	101	6 775	7 433
Carpenters	1 565	158	184	106	211	167	202	253	272	12	6 740	7 419
Excavating, grading, and road machine operators	676	64	79	17	100	124	93	128	63	8	6 629	7 034
Electricians	879	33	71	44	71	107	139	218	163	33	7 817	8 470
Masons and tile setters	1 129	108	99	99	87	187	206	249	89	5	6 917	7 409
Painters, construction and maintenance, and paperhangers	1 309	188	232	129	202	156	189	150	63	–	5 522	6 521
Plasterers and cement finishers	883	101	100	61	101	100	148	180	74	18	6 785	7 581
Plumbers and pipe fitters	830	56	55	30	83	148	166	209	73	10	7 259	7 529
Other construction craftsmen	311	29	38	19	27	55	44	56	28	15	6 773	7 200
Foremen, n.e.c.	3 023	64	76	154	234	258	593	853	738	53	8 311	8 545
Manufacturing	1 370	28	35	66	117	108	250	362	378	26	8 448	8 782
Nonmanufacturing industries	1 653	36	41	88	117	150	343	491	360	27	8 210	8 363
Linemen and servicemen, telephone and power	685	58	90	17	68	123	91	145	77	16	6 890	8 045
Locomotive engineers and firemen	80	–	3	–	2	8	14	40	13	–	...	...
Mechanics and repairmen	6 238	600	499	421	825	877	1 090	1 255	608	63	6 883	7 286
Air conditioning, heating, and refrigeration	285	33	16	10	18	56	53	49	45	5	7 179	7 617
Aircraft	136	7	–	–	22	12	19	64	12	–	8 250	...
Automobile, including body	3 160	331	299	260	476	437	537	537	247	36	6 490	7 051
Radio and television	290	30	26	9	43	39	60	52	31	–	6 949	7 150
Other mechanics and repairmen	2 367	199	158	142	266	333	421	553	273	22	7 203	7 509
Metal craftsmen, except mechanics	2 948	156	143	116	380	513	548	705	363	24	7 303	7 580
Machinists and job and die setters	1 155	86	60	72	158	196	203	262	108	10	7 027	7 424
Sheetmetal workers and tinsmiths	286	11	13	–	27	45	47	84	55	4	8 000	7 777
Tool and die makers	190	14	31	4	16	38	26	34	23	4	6 789	7 115
Other metal craftsmen	1 317	45	39	40	179	234	272	325	177	6	7 447	7 671
Printing craftsmen	1 002	83	96	57	170	91	189	203	96	17	7 021	7 322
Compositors and typesetters	397	32	33	31	93	21	62	74	40	11	6 452	7 370
Pressmen and plate printers, printing	498	35	51	21	66	54	108	107	50	6	7 204	7 299
Stationary engineers and power station operators	585	20	11	5	29	89	121	216	84	10	8 162	8 318
Other craftsmen and kindred workers	8 702	781	1 076	675	995	1 144	1 471	1 573	892	95	6 720	7 168

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Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**39 109**	**3 987**	**4 656**	**3 868**	**5 129**	**5 967**	**5 932**	**6 711**	**2 673**	**186**	**6 321**	**6 905**
Assemblers	1 827	222	255	229	181	288	270	251	126	5	6 092	7 007
Checkers, examiners, and inspectors; manufacturing	1 269	87	120	76	113	282	212	280	94	5	6 846	7 237
Garage workers and gas station attendants	974	209	164	160	158	121	104	41	17	–	4 713	5 605
Laundry and drycleaning operatives, n.e.c	765	95	166	120	165	85	71	49	14	–	5 009	5 500
Meat cutters and butchers	1 072	92	85	69	138	144	212	240	82	10	7 038	7 353
Mine operatives, n.e.c	218	14	8	12	12	23	28	113	8	–	8 212	8 402
Packers and wrappers, except produce	1 971	308	358	219	264	311	184	248	66	13	5 381	6 066
Painters, manufactured articles	683	70	103	29	82	142	115	83	47	12	6 405	6 653
Precision machine operatives	1 413	62	119	95	126	248	326	381	56	–	7 173	7 526
Sawyers	128	12	21	7	17	27	27	17	–	–	6 259	...
Stationary firemen	517	12	18	39	52	162	62	90	71	11	6 849	6 864
Textile operatives	603	67	105	97	94	97	42	88	13	–	5 346	6 026
Welders and flamecutters	2 999	160	294	196	302	483	569	558	417	20	7 113	7 471
Other metalworking operatives	2 479	126	123	160	361	347	515	557	273	17	7 238	7 544
Other specified operatives	10 999	1 343	1 657	1 341	1 476	1 528	1 409	1 669	562	14	5 785	6 539
Miscellaneous and not specified operatives	11 192	1 108	1 060	1 019	1 588	1 679	1 786	2 046	827	79	6 489	7 017
Occupation:												
Machine operatives, miscellaneous specified	4 462	392	452	471	665	620	612	880	328	42	6 405	7 002
Machine operatives, not specified	2 507	241	233	235	347	396	402	453	194	6	6 499	6 962
Miscellaneous operatives	2 830	349	250	216	415	438	527	413	196	26	6 422	6 985
Not specified operatives	1 393	126	125	97	161	225	245	300	109	5	6 833	7 228
Industry:												
Manufacturing	9 440	843	946	843	1 359	1 421	1 542	1 707	719	60	6 513	7 041
Durable goods	5 520	541	500	441	668	850	984	1 057	453	26	6 718	7 224
Wood products, including furniture	242	42	48	33	52	19	20	17	11	–	4 939	5 535
Primary metal industries	1 879	97	107	133	186	304	467	400	178	7	7 241	7 486
Fabricated metal industries	715	75	92	64	99	65	115	154	51	–	6 423	7 318
Machinery, including electrical	1 085	164	83	83	102	195	170	206	82	–	6 567	7 238
Motor vehicles and equipment	280	15	32	5	41	33	56	58	35	5	7 250	7 657
Transportation equipment, except motor vehicles	350	27	31	15	25	62	63	74	43	10	7 238	7 440
Other durable goods	969	121	107	108	163	172	93	148	53	4	5 911	6 503
Nondurable goods	3 778	277	418	384	666	553	545	640	261	34	6 260	6 752
Food and kindred products	1 037	81	106	133	147	222	167	130	46	5	6 232	6 613
Apparel and other fabricated textile products	200	36	36	23	35	18	10	36	–	6	5 143	5 960
Paper and allied products	1 025	80	113	67	256	131	116	168	94	–	5 986	6 415
Chemicals and allied products	548	19	53	53	77	71	104	116	44	11	7 010	7 304
Other nondurable goods	968	61	110	108	151	111	148	190	77	12	6 486	7 081
Not specified manufacturing industries	142	25	28	18	25	18	13	10	5	–	5 000	...
Nonmanufacturing industries	1 752	265	114	176	229	258	244	339	108	19	6 357	6 871
Transportation, communications, and other public utilities	302	9	15	13	17	53	66	110	11	8	7 667	7 800
Wholesale and retail trade	638	102	59	72	130	73	68	111	23	–	5 662	6 337
All other industries	812	154	40	91	82	132	110	118	74	11	6 295	6 730
Transport equipment operatives	**17 476**	**1 328**	**1 784**	**1 692**	**2 480**	**2 739**	**2 529**	**3 415**	**1 401**	**108**	**6 531**	**6 980**
Bus drivers	1 122	71	52	47	110	186	182	310	164	–	7 522	7 775
Taxicab drivers and chauffeurs	1 146	153	218	169	196	218	82	90	14	6	5 168	5 776
Truck drivers and deliverymen	9 585	604	924	878	1 206	1 469	1 485	1 978	957	84	6 804	7 225
Other transport equipment operatives	5 623	500	590	598	968	866	780	1 037	266	18	6 180	6 657
Laborers, except farm	**30 171**	**4 454**	**4 242**	**3 102**	**4 262**	**4 916**	**4 249**	**3 521**	**1 316**	**109**	**5 771**	**6 440**
Construction laborers	6 720	620	815	808	1 053	1 090	1 008	966	302	58	6 059	6 766
Freight, stock, and material handlers	8 762	1 430	1 145	854	1 134	1 538	1 206	1 006	435	14	5 840	6 491
Other specified laborers	8 332	1 752	1 560	841	1 184	1 097	883	701	283	31	5 011	5 810
Miscellaneous and not specified laborers	6 357	652	722	599	891	1 191	1 152	848	296	6	6 264	6 809
Occupation:												
Miscellaneous laborers	2 706	172	208	243	356	598	577	424	128	–	6 625	6 950
Not specified laborers	3 651	480	514	356	533	593	575	424	168	6	5 889	6 644
Industry:												
Manufacturing	3 770	312	402	303	449	678	826	585	215	–	6 618	7 117
Durable goods	3 156	243	372	233	348	608	670	499	183	–	6 628	7 127
Wood products, including furniture	17	–	–	–	–	9	8	–	–	–	...	...
Metal industries	2 498	157	243	177	251	501	594	423	152	–	6 840	7 256
Machinery, including electrical	232	32	45	22	23	32	20	27	31	–	5 739	6 167
Transportation equipment	170	17	22	11	28	42	12	38	–	–	6 167	6 742
Other durable goods	239	37	62	23	46	24	36	11	–	–	4 891	5 591
Nondurable goods	579	64	23	65	93	66	156	80	32	–	6 674	7 151
Food and kindred products	203	10	5	24	34	30	59	20	21	–	6 950	7 257
Not specified manufacturing industries	35	5	7	5	8	4	–	6	–	–	...	...
Nonmanufacturing industries	2 587	340	320	296	442	513	326	263	81	6	5 764	6 400
Railroads and railway express service	416	23	46	30	76	137	62	36	6	–	6 241	6 478
Transportation, except railroads	92	14	7	5	32	18	10	6	–	–	...	...
Communications, and utilities and sanitary services	811	66	69	90	149	161	115	110	51	–	6 196	6 718
Wholesale and retail trade	460	58	71	76	70	75	63	42	5	–	5 357	6 244
All other industries	808	179	127	95	115	122	76	69	19	6	5 026	6 078
Farmers and farm managers	**549**	**232**	**180**	**10**	**29**	**10**	**26**	**47**	**6**	**9**	**2 472**	**2 439**
Farm laborers and farm foremen	**926**	**531**	**155**	**37**	**45**	**50**	**23**	**51**	**34**	–	**1 744**	**3 563**
Paid farm laborers and farm foremen	923	528	155	37	45	50	23	51	34	–	1 748	3 563
Unpaid family workers	3	3	–	–	–	–	–	–	–	–	...	–
Service workers, except private household[1]	**33 833**	**6 531**	**6 323**	**4 960**	**4 778**	**3 878**	**2 613**	**3 645**	**956**	**149**	**4 819**	**5 615**
Cleaning service workers	13 130	2 189	2 671	2 357	2 348	1 627	918	748	210	62	4 723	5 280
Food service workers	6 185	1 595	1 383	917	759	612	423	388	104	4	4 125	5 117
Cooks, except private household	2 740	441	452	441	393	410	286	250	67	–	5 092	5 977
Busboys and dishwashers	1 068	565	343	105	43	3	–	4	5	–	1 890	3 251
Health service workers	1 906	355	345	306	339	258	185	56	57	5	4 827	5 551
Personal service workers	2 211	489	472	317	297	253	117	144	112	10	4 456	5 188
Protective service workers	4 968	528	433	341	495	490	587	1 705	371	18	7 336	8 027
Firemen, fire protection	267	11	18	–	21	20	24	126	47	–	8 627	8 828
Guards and watchmen	2 451	359	335	287	386	283	328	358	111	4	5 633	6 397
Policemen and detectives	2 141	117	68	49	83	173	223	1 206	208	14	8 593	8 716
Private household workers	**659**	**193**	**234**	**92**	**71**	**12**	**21**	**28**	**8**	–	**3 167**	**3 599**

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Persons of Puerto Rican Birth or Parentage												
Experienced civilian labor force	**8 342**	**1 017**	**1 461**	**1 190**	**1 442**	**1 154**	**781**	**815**	**364**	**118**	**5 349**	**5 936**
Professional, technical, and kindred workers	**323**	**23**	**36**	**7**	**41**	**24**	**42**	**55**	**44**	**51**	**7 726**	**8 222**
Accountants	18	–	–	–	–	–	–	18	–	–	...	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	7	–	–	–	–	–	–	–	–	7	...	...
Engineers	39	–	–	–	7	–	5	–	15	12	...	...
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	6	–	–	–	–	–	–	–	6	–	...	...
Electrical and electronic	13	–	–	–	7	–	–	–	–	6	...	...
Mechanical	–	–	–	–	–	–	–	–	–	–	–	–
Other engineers	20	–	–	–	–	–	5	–	9	6	...	...
Lawyers and judges	7	–	–	–	–	–	–	–	–	7	...	...
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–
Chemists	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	18	–	7	–	–	–	–	–	–	11	...	...
Dentists	–	–	–	–	–	–	–	–	–	–	–	–
Pharmacists	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, medical and osteopathic	18	–	7	–	–	–	–	–	–	11	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	12	–	–	–	6	–	–	6	–	–	...	...
Religious workers	16	–	10	–	–	–	6	–	–	–	...	...
Social scientists	8	–	8	–	–	–	–	–	–	–	...	...
Social and recreation workers	13	–	6	–	–	–	7	–	–	–	...	...
Teachers	78	6	–	–	15	13	–	31	13	–	...	...
College and university	7	–	–	–	–	–	–	–	7	–	...	...
Elementary and prekindergarten	21	–	–	–	–	13	–	8	–	–	...	...
Secondary	50	6	–	–	15	–	–	23	6	–	...	...
Engineering and science technicians	24	6	–	7	–	11	–	–	–	–	...	...
Draftsmen and surveyors	11	–	–	–	–	11	–	–	–	–	...	...
Electrical and electronic engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	37	6	–	–	7	–	11	–	7	6	...	...
Other professional, technical, and kindred workers	46	5	5	–	6	–	13	–	9	8	...	...
Managers and administrators, except farm	**126**	**7**	**12**	**–**	**7**	**18**	**13**	**16**	**33**	**20**	**8 750**	**9 375**
Buyers, purchasing agents, and sales managers	18	7	–	–	–	–	–	–	11	–	...	...
School administrators	–	–	–	–	–	–	–	–	–	–	–	–
Specified managers and administrators, public administration	6	–	–	–	–	–	6	–	–	–	...	...
Other specified managers and administrators	7	–	7	–	–	–	–	–	–	–	...	–
Managers and administrators, n.e.c., salaried	71	–	–	–	–	13	7	16	22	13	...	...
Manufacturing	20	–	–	–	–	7	7	–	–	6	...	...
Wholesale and retail trade	30	–	–	–	–	–	–	16	14	–	...	...
Transportation, communications, and other public utilities	8	–	–	–	–	–	–	–	8	–	...	...
All other industries	13	–	–	–	–	6	–	–	–	7	...	...
Managers and administrators, n.e.c., self-employed	24	–	5	–	7	5	–	–	–	7	...	...
Construction	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	12	–	–	–	7	5	–	–	–	–	...	...
All other industries	12	–	5	–	–	–	–	–	–	7	...	...
Sales workers	**300**	**47**	**28**	**26**	**55**	**18**	**20**	**59**	**42**	**5**	**5 891**	**7 025**
Insurance agents, brokers, and underwriters	25	–	–	–	10	–	–	15	–	–	...	...
Real estate agents and brokers	–	–	–	–	–	–	–	–	–	–	–	–
Sales representatives, manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Sales representatives, wholesale trade	25	6	–	–	7	6	–	–	6	–	...	...
Sales clerks, retail trade	183	28	28	15	30	6	–	44	27	5	5 683	6 583
Salesmen, retail trade	12	–	–	4	8	–	–	–	–	–	...	...
Salesmen of services and construction	17	8	–	–	–	–	–	–	9	–	...	...
Other sales workers	38	5	–	7	–	6	20	–	–	–	...	...
Clerical and kindred workers	**407**	**78**	**65**	**72**	**65**	**39**	**39**	**26**	**16**	**7**	**4 840**	**5 795**
Bank tellers and cashiers	28	28	–	–	–	–	–	–	–	–	...	–
Bookkeepers and billing clerks	13	–	–	–	–	–	7	6	–	–	...	...
Mail handlers and postal clerks	16	12	–	–	–	–	4	–	–	–	...	...
Other clerical and kindred workers	350	38	65	72	65	39	28	20	16	7	5 000	5 577
Craftsmen and kindred workers	**1 175**	**91**	**106**	**145**	**224**	**127**	**167**	**192**	**108**	**15**	**6 169**	**6 736**
Apparel craftsmen and upholsterers	44	8	–	4	14	–	6	12	–	–	...	...
Bakers	62	5	19	–	7	7	6	8	10	–	...	...
Cabinetmakers	17	–	–	17	–	–	–	–	–	–	...	...
Construction craftsmen	243	7	20	23	72	11	26	71	13	–	5 993	6 227
Carpenters	66	–	–	–	26	5	19	16	–	–	...	...
Excavating, grading, and road machine operators	26	–	–	6	–	–	–	20	–	–	...	...
Electricians	8	–	–	8	–	–	–	–	–	–	...	...
Masons and tile setters	22	–	8	–	–	–	–	14	–	–	...	...
Painters, construction and maintenance, and paperhangers	52	7	12	–	8	6	7	12	–	–	...	...
Plasterers and cement finishers	21	–	–	9	7	–	–	–	5	–	...	–
Plumbers and pipe fitters	40	–	–	–	31	–	–	9	–	–	...	...
Other construction craftsmen	8	–	–	–	–	–	–	–	8	–	...	...
Foremen, n.e.c.	138	10	14	6	14	27	18	27	15	7	6 926	7 306
Manufacturing	96	5	14	–	14	17	18	13	8	7	...	...
Nonmanufacturing industries	42	5	–	6	–	10	–	14	7	–	...	...
Linemen and servicemen, telephone and power	6	–	–	6	–	–	–	–	–	–	...	...
Locomotive engineers and firemen	6	–	–	–	–	–	–	6	–	–	...	–
Mechanics and repairmen	264	22	28	29	51	24	62	14	34	–	6 083	6 896
Air conditioning, heating, and refrigeration	15	–	–	–	7	–	–	–	8	–	...	...
Aircraft	–	–	–	–	–	–	–	–	–	–	–	–
Automobile, including body	132	7	28	22	27	–	28	–	20	–	5 333	...
Radio and television	5	–	–	–	–	–	–	5	–	–	...	...
Other mechanics and repairmen	112	15	–	7	17	24	34	9	6	–	6 708	...
Metal craftsmen, except mechanics	144	16	9	21	25	39	12	14	–	8	6 026	6 117
Machinists and job and die setters	56	–	–	15	7	14	12	8	–	–	...	...
Sheetmetal workers and tinsmiths	6	–	–	–	–	–	–	6	–	–	...	...
Tool and die makers	–	–	–	–	–	–	–	–	–	–	–	–
Other metal craftsmen	82	16	9	6	18	25	–	–	–	8	...	...
Printing craftsmen	32	7	–	–	7	–	5	6	7	–	...	...
Compositors and typesetters	7	7	–	–	–	–	–	–	–	–	...	–
Pressmen and plate printers, printing	18	–	–	–	–	–	5	6	7	–	...	...
Stationary engineers and power station operators	21	6	8	–	–	–	–	–	7	–	...	...
Other craftsmen and kindred workers	198	10	8	39	34	19	32	34	22	–	6 421	7 000

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Persons of Puerto Rican Birth or Parentage—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**3 061**	**319**	**487**	**526**	**589**	**583**	**254**	**246**	**57**	–	**5 337**	**5 878**
Assemblers	241	20	55	37	50	37	29	13	–	–	5 170	5 500
Checkers, examiners, and inspectors; manufacturing	42	7	8	–	7	14	6	–	–	–	...	...
Garage workers and gas station attendants	22	7	–	9	6	–	–	–	–	–	...	...
Laundry and drycleaning operatives, n.e.c	6	–	6	–	–	–	–	–	–	–	...	...
Meat cutters and butchers	64	–	12	4	29	7	7	–	5	–	...	...
Mine operatives, n.e.c	26	–	–	–	–	5	–	21	–	–	...	...
Packers and wrappers, except produce	279	27	52	35	42	74	16	33	–	–	5 607	6 110
Painters, manufactured articles	92	–	23	13	16	17	7	16	–	–	...	...
Precision machine operatives	114	28	21	–	43	8	9	5	–	–	5 186	...
Sawyers	29	–	6	6	–	6	11	–	–	–	...	...
Stationary firemen	21	–	–	–	–	–	9	12	–	–	...	...
Textile operatives	146	8	20	25	36	35	15	7	–	–	5 556	...
Welders and flamecutters	87	–	33	16	13	6	–	19	–	–	...	...
Other metalworking operatives	179	24	15	29	42	20	13	27	9	–	5 512	6 000
Other specified operatives	596	109	68	80	132	124	33	29	21	–	5 311	5 835
Miscellaneous and not specified operatives	1 117	89	168	272	173	230	99	64	22	–	5 171	5 816
Occupation:												
Machine operatives, miscellaneous specified	460	34	52	101	80	109	32	30	22	–	5 538	6 022
Machine operatives, not specified	305	37	45	81	50	54	31	7	–	–	4 870	5 616
Miscellaneous operatives	262	12	57	50	33	52	36	22	–	–	5 364	5 654
Not specified operatives	90	6	14	40	10	15	–	5	–	–	...	...
Industry:												
Manufacturing	1 072	84	160	266	160	223	93	64	22	–	5 163	5 851
Durable goods	564	35	95	114	103	116	53	37	11	–	5 369	5 780
Wood products, including furniture	44	14	–	11	7	5	7	–	–	–	...	...
Primary metal industries	155	6	9	19	32	43	13	22	11	–	6 267	...
Fabricated metal industries	108	–	32	27	25	9	15	–	–	–	4 815	...
Machinery, including electrical	143	7	30	39	19	38	–	10	–	–	4 885	...
Motor vehicles and equipment	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	22	–	14	8	–	–	–	–	–	–	...	...
Other durable goods	92	8	10	10	20	21	18	5	–	–	...	...
Nondurable goods	508	49	65	152	57	107	40	27	11	–	4 921	5 970
Food and kindred products	180	27	12	79	11	38	13	–	–	–	4 646	4 846
Apparel and other fabricated textile products	14	–	7	–	–	7	–	–	–	–	...	...
Paper and allied products	132	15	22	23	39	6	8	15	4	–	5 154	...
Chemicals and allied products	53	7	15	17	7	–	–	–	7	–	...	...
Other nondurable goods	129	–	9	33	–	56	19	12	–	–	6 402	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	45	5	8	6	13	7	6	–	–	–	...	...
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	39	5	8	–	13	7	6	–	–	–	...	...
All other industries	6	–	–	6	–	–	–	–	–	–	...	...
Transport equipment operatives	**343**	**44**	**70**	**32**	**45**	**42**	**57**	**34**	**14**	**5**	**5 567**	**5 617**
Bus drivers	24	–	–	–	–	–	17	–	7	–	...	...
Taxicab drivers and chauffeurs	8	8	–	–	–	–	–	–	–	–	...	–
Truck drivers and deliverymen	213	29	37	19	39	29	34	14	7	5	5 551	5 583
Other transport equipment operatives	98	7	33	13	6	13	6	20	–	–	...	...
Laborers, except farm	**1 092**	**133**	**256**	**171**	**211**	**163**	**68**	**77**	**13**	–	**4 918**	**5 412**
Construction laborers	196	13	48	49	21	49	12	4	–	–	4 755	...
Freight, stock, and material handlers	227	32	57	29	41	32	15	14	7	–	4 845	5 409
Other specified laborers	226	15	72	34	39	12	23	25	6	–	4 765	5 924
Miscellaneous and not specified laborers	443	73	79	59	110	70	18	34	–	–	5 095	5 253
Occupation:												
Miscellaneous laborers	162	5	31	16	30	55	7	18	–	–	5 967	6 065
Not specified laborers	281	68	48	43	80	15	11	16	–	–	4 570	4 943
Industry:												
Manufacturing	335	30	58	52	104	56	18	17	–	–	5 264	5 301
Durable goods	276	30	32	43	87	49	18	17	–	–	5 379	5 447
Wood products, including furniture	22	8	14	–	–	–	–	–	–	–	...	...
Metal industries	196	–	18	29	65	49	18	17	–	–	5 785	5 669
Machinery, including electrical	12	–	–	7	5	–	–	–	–	–	...	...
Transportation equipment	30	6	–	7	17	–	–	–	–	–	...	...
Other durable goods	16	16	–	–	–	–	–	–	–	–	...	–
Nondurable goods	51	–	18	9	17	7	–	–	–	–	...	...
Food and kindred products	24	–	6	–	11	7	–	–	–	–	...	...
Not specified manufacturing industries	8	–	8	–	–	–	–	–	–	–	...	...
Nonmanufacturing industries	108	43	21	7	6	14	–	17	–	–	3 048	...
Railroads and railway express service	26	5	–	7	–	14	–	–	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	17	8	–	–	–	–	–	9	–	–	...	...
Wholesale and retail trade	45	23	14	–	–	–	–	8	–	–	...	...
All other industries	20	7	7	–	6	–	–	–	–	–	...	...
Farmers and farm managers	**6**	–	–	–	**6**	–	–	–	–	–	...	...
Farm laborers and farm foremen	**389**	**118**	**167**	**35**	**10**	**34**	**11**	**4**	**10**	–	**2 916**	**4 100**
Paid farm laborers and farm foremen	384	118	162	35	10	34	11	4	10	–	2 914	4 200
Unpaid family workers	5	–	5	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**1 112**	**157**	**226**	**176**	**189**	**106**	**110**	**106**	**27**	**15**	**4 983**	**5 533**
Cleaning service workers	295	41	31	65	105	19	15	11	–	8	5 100	5 287
Food service workers	582	91	161	96	74	59	50	38	6	7	4 406	4 993
Cooks, except private household	226	24	35	18	32	38	35	38	6	–	6 105	6 500
Busboys and dishwashers	188	40	82	14	28	15	9	–	–	–	3 317	4 786
Health service workers	23	–	–	10	–	8	–	–	5	–	...	...
Personal service workers	65	16	6	5	10	5	7	–	16	–	...	...
Protective service workers	51	–	–	–	–	9	14	28	–	–	...	...
Firemen, fire protection	–	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	23	–	–	–	–	9	14	–	–	–	...	...
Policemen and detectives	28	–	–	–	–	–	–	28	–	–	...	...
Private household workers	**8**	–	**8**	–	–	–	–	–	–	–	...	–

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
ALLENTOWN–BETHLEHEM–EASTON, PA.–N.J., SMSA												
Total												
Experienced civilian labor force	**143 433**	**12 159**	**9 601**	**7 303**	**11 858**	**16 989**	**19 167**	**29 700**	**26 149**	**10 507**	**7 720**	**8 264**
Professional, technical, and kindred workers	**18 557**	**1 006**	**862**	**410**	**753**	**1 154**	**1 746**	**3 374**	**5 671**	**3 581**	**9 984**	**10 851**
Accountants	1 422	65	80	42	44	69	132	271	471	248	10 085	11 043
Architects	62	5	3	–	–	–	4	5	25	20	...	...
Computer specialists	549	18	39	5	32	37	51	119	196	52	9 555	10 013
Engineers	3 339	67	65	37	63	31	170	381	1 559	966	12 744	13 073
Aeronautical and astronautical	11	–	–	6	–	–	–	–	5	–	...	...
Civil	358	10	10	11	18	–	37	29	115	128	12 783	13 396
Electrical and electronic	789	–	14	5	25	–	62	80	377	226	12 765	13 120
Mechanical	500	10	10	5	–	9	24	30	255	157	13 176	13 504
Other engineers	1 681	47	31	10	20	22	47	242	807	455	12 612	12 875
Lawyers and judges	396	4	–	–	8	–	16	8	42	318	15000+	15000+
Life and physical scientists	533	22	12	24	15	24	49	104	183	100	10 451	11 116
Chemists	403	22	5	18	6	14	40	84	150	64	10 417	11 017
Physicians, dentists, and related practitioners	1 377	37	44	21	14	28	52	53	306	822	15000+	15000+
Dentists	258	15	–	–	–	–	16	–	77	150	15000+	15000+
Pharmacists	211	5	6	–	5	–	22	11	97	65	12 912	13 199
Physicians, medical and osteopathic	727	17	32	15	9	15	6	30	77	526	15000+	15000+
Other related practitioners	181	–	6	6	–	13	8	12	55	81	14 136	13 955
Health technologists and technicians	146	21	6	9	12	7	27	16	21	27	7 667	8 375
Religious workers	577	29	111	39	60	94	88	78	51	27	6 527	6 494
Social scientists	145	–	–	9	10	–	10	35	51	30	10 833	11 778
Social and recreation workers	165	26	–	9	11	14	41	38	20	6	7 549	7 729
Teachers	3 641	280	286	43	105	245	336	794	1 224	328	9 324	10 403
College and university	1 080	103	89	16	34	16	57	167	381	217	10 761	12 310
Elementary and prekindergarten	605	27	48	4	24	80	78	187	149	8	8 444	9 011
Secondary	1 783	107	142	18	35	149	180	408	669	75	9 277	9 825
Engineering and science technicians	2 971	144	113	49	190	383	504	852	665	71	8 241	8 567
Draftsmen and surveyors	1 665	85	77	27	92	186	252	502	408	36	8 452	8 712
Electrical and electronic engineering technicians	314	18	5	–	9	45	73	84	80	–	8 167	8 655
Technicians, except health, and engineering and science	241	5	16	11	10	28	21	33	47	70	9 788	10 691
Airplane pilots	102	–	–	–	–	5	5	–	22	70	15000+	15000+
Writers, artists, and entertainers	1 044	100	40	48	73	51	87	243	257	145	9 012	9 648
Other professional, technical, and kindred workers	1 949	183	47	64	106	143	158	344	553	351	9 590	10 340
Managers and administrators, except farm	**12 797**	**387**	**371**	**250**	**609**	**743**	**1 081**	**2 142**	**3 692**	**3 522**	**11 104**	**11 535**
Buyers, purchasing agents, and sales managers	1 852	21	50	21	52	119	202	343	588	456	11 003	11 299
School administrators	382	5	5	–	–	–	14	18	217	123	13 433	13 875
Specified managers and administrators, public administration	529	4	8	–	57	35	71	128	160	66	9 398	9 417
Other specified managers and administrators	2 263	141	93	71	136	201	186	463	606	366	9 311	9 727
Managers and administrators, n.e.c., salaried	6 095	146	92	63	198	240	444	963	1 829	2 120	12 464	12 829
Manufacturing	2 398	50	15	19	27	45	79	228	759	1 176	14 848	15000+
Wholesale and retail trade	1 694	41	37	31	101	133	219	419	358	355	9 360	9 509
Transportation, communications, and other public utilities	549	5	–	–	11	21	24	92	236	160	12 574	12 744
All other industries	1 454	50	40	13	59	41	122	224	476	429	11 870	12 457
Managers and administrators, n.e.c., self-employed	1 676	70	123	95	166	148	164	227	292	391	8 634	8 740
Construction	370	22	42	6	12	40	28	69	69	82	9 014	9 296
Manufacturing	175	5	–	8	17	16	10	19	41	59	11 524	11 071
Wholesale and retail trade	860	33	52	64	105	77	93	96	142	198	8 125	8 239
All other industries	271	10	29	17	32	15	33	43	40	52	7 985	8 229
Sales workers	**8 433**	**1 007**	**582**	**437**	**614**	**704**	**992**	**1 451**	**1 627**	**1 019**	**7 880**	**8 594**
Insurance agents, brokers, and underwriters	946	61	35	42	59	55	109	219	241	125	9 023	9 589
Real estate agents and brokers	277	16	28	18	25	–	16	40	81	53	9 775	10 634
Sales representatives, manufacturing industries	1 097	15	15	27	35	74	144	182	333	272	10 848	11 344
Sales representatives, wholesale trade	1 529	53	70	63	124	141	211	312	336	219	8 657	8 834
Sales clerks, retail trade	2 202	369	249	197	200	266	287	284	239	111	6 323	7 092
Salesmen, retail trade	1 017	89	101	46	93	92	115	215	181	85	7 761	8 275
Salesmen of services and construction	313	58	17	9	9	20	30	80	65	25	8 338	9 300
Other sales workers	1 052	346	67	35	69	56	80	119	151	129	6 161	7 793
Clerical and kindred workers	**11 774**	**1 059**	**758**	**631**	**951**	**1 802**	**1 901**	**2 780**	**1 624**	**268**	**7 361**	**7 811**
Bank tellers and cashiers	559	130	83	59	58	94	66	32	37	–	5 129	6 106
Bookkeepers and billing clerks	1 379	111	70	94	131	170	235	256	260	52	7 483	7 883
Mail handlers and postal clerks	1 277	31	45	31	54	193	330	487	95	11	7 862	8 027
Other clerical and kindred workers	8 559	787	560	447	708	1 345	1 270	2 005	1 232	205	7 341	7 858
Craftsmen and kindred workers	**34 034**	**1 335**	**1 633**	**1 273**	**2 448**	**4 130**	**5 171**	**8 685**	**7 958**	**1 401**	**8 236**	**8 623**
Apparel craftsmen and upholsterers	420	22	18	26	74	74	42	111	43	10	6 946	7 500
Bakers	264	23	12	7	17	70	51	50	29	5	7 059	7 363
Cabinetmakers	155	13	25	–	23	17	19	36	16	6	6 971	7 714
Construction craftsmen	8 410	349	467	437	868	1 111	1 195	2 015	1 676	292	7 814	8 225
Carpenters	2 442	86	185	132	308	307	442	602	339	41	7 459	7 778
Excavating, grading, and road machine operators	692	22	14	5	66	109	132	153	164	27	7 985	8 339
Electricians	1 574	32	37	57	66	169	183	479	479	72	9 015	9 165
Masons and tile setters	681	35	15	36	50	80	67	215	157	26	8 535	9 144
Painters, construction and maintenance, and paperhangers	857	53	84	112	160	149	106	103	69	21	6 131	6 479
Plasterers and cement finishers	311	16	28	10	26	47	34	100	46	4	7 838	7 967
Plumbers and pipe fitters	1 136	52	55	35	148	161	171	194	251	69	7 684	7 754
Other construction craftsmen	717	53	49	50	44	89	60	169	171	32	8 160	8 802
Foremen, n.e.c.	5 536	59	36	88	143	196	516	1 395	2 399	704	10 698	10 841
Manufacturing	4 052	38	36	54	83	111	347	1 061	1 802	520	10 821	10 913
Nonmanufacturing industries	1 484	21	–	34	60	85	169	334	597	184	10 327	10 621
Linemen and servicemen, telephone and power	1 080	7	39	28	40	119	89	244	499	15	9 787	9 803
Locomotive engineers and firemen	227	–	5	–	4	6	23	80	81	28	9 888	9 970
Mechanics and repairmen	7 935	430	522	435	627	1 112	1 564	1 983	1 122	140	7 538	7 839
Air conditioning, heating, and refrigeration	391	20	10	4	51	34	99	76	82	15	7 773	7 939
Aircraft	51	–	–	–	5	5	10	–	31	–	...	...
Automobile, including body	2 777	222	243	224	304	442	488	478	331	45	6 895	7 316
Radio and television	353	16	52	36	19	52	70	53	33	22	7 021	7 321
Other mechanics and repairmen	4 363	172	217	171	248	579	897	1 376	645	58	7 886	8 183
Metal craftsmen, except mechanics	3 492	78	108	75	220	363	584	1 188	833	43	8 535	8 799
Machinists and job and die setters	1 117	29	51	31	51	122	218	337	268	10	8 335	8 707
Sheetmetal workers and tinsmiths	390	12	11	–	44	47	27	112	132	5	8 964	9 313
Tool and die makers	364	5	4	4	23	40	67	122	89	10	8 639	8 667
Other metal craftsmen	1 621	32	42	40	102	154	272	617	344	18	8 546	8 789
Printing craftsmen	1 456	71	62	25	74	227	239	461	282	15	8 130	8 370
Compositors and typesetters	766	28	41	21	30	114	129	235	158	10	8 170	8 344
Pressmen and plate printers, printing	539	43	18	4	44	105	85	151	84	5	7 653	7 932
Stationary engineers and power station operators	498	5	15	–	41	97	76	89	149	26	8 337	8 771
Other craftsmen and kindred workers	4 561	278	324	152	317	738	773	1 033	829	117	7 610	7 917

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
ALLENTOWN–BETHLEHEM–EASTON, PA.–N.J., SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**25 924**	**2 116**	**1 870**	**1 705**	**2 633**	**4 029**	**4 211**	**6 128**	**3 003**	**229**	**7 145**	**7 598**
Assemblers	2 136	107	131	127	179	262	323	735	247	25	7 811	8 289
Checkers, examiners, and inspectors; manufacturing	1 268	25	63	19	112	246	263	354	171	15	7 643	7 849
Garage workers and gas station attendants	933	465	187	74	59	37	46	36	23	6	2 016	4 352
Laundry and drycleaning operatives, n.e.c	134	50	4	17	14	9	30	5	5	–	4 765	...
Meat cutters and butchers	569	35	16	31	33	118	78	143	106	9	7 660	8 022
Mine operatives, n.e.c	271	14	53	16	20	55	39	47	23	4	6 591	7 436
Packers and wrappers, except produce	974	181	135	76	100	162	136	150	34	–	5 950	6 784
Painters, manufactured articles	392	27	44	9	51	58	59	104	29	11	7 119	7 698
Precision machine operatives	2 115	63	81	95	152	283	401	651	389	–	7 956	8 130
Sawyers	276	23	13	28	57	62	17	36	35	5	6 274	6 597
Stationary firemen	567	9	26	42	61	71	97	182	73	6	7 768	7 923
Textile operatives	1 175	99	107	153	216	185	187	193	30	5	6 068	6 736
Welders and flamecutters	2 024	65	69	96	113	250	381	581	442	27	8 131	8 380
Other metalworking operatives	1 463	76	128	79	109	312	237	273	245	4	7 116	7 534
Other specified operatives	4 322	341	323	462	622	668	629	775	453	49	6 618	7 079
Miscellaneous and not specified operatives	7 305	536	490	381	735	1 251	1 288	1 863	698	63	7 201	7 601
Occupation:												
Machine operatives, miscellaneous specified	2 982	153	216	133	346	538	455	784	333	24	7 231	7 570
Machine operatives, not specified	1 242	96	92	56	98	233	217	353	91	6	7 212	7 718
Miscellaneous operatives	1 684	126	110	116	174	278	368	359	142	11	7 103	7 462
Not specified operatives	1 397	161	72	76	117	202	248	367	132	22	7 284	7 766
Industry:												
Manufacturing	6 696	458	463	362	692	1 152	1 155	1 704	647	63	7 191	7 587
Durable goods	4 115	231	179	183	458	722	711	1 117	485	29	7 400	7 721
Wood products, including furniture	86	–	9	9	17	16	14	16	–	5	...	...
Primary metal industries	1 379	53	36	43	105	266	241	408	207	20	7 774	7 988
Fabricated metal industries	449	7	7	20	67	88	92	138	30	–	7 386	7 625
Machinery, including electrical	1 100	55	76	60	124	196	179	294	116	–	7 218	7 604
Motor vehicles and equipment	164	–	–	–	11	26	10	68	49	–	9 029	9 151
Transportation equipment, except motor vehicles	5	5	–	–	–	–	–	–	–	–	...	–
Other durable goods	932	111	51	51	134	130	175	193	83	4	6 915	7 397
Nondurable goods	2 548	227	284	179	218	430	434	587	162	27	6 851	7 355
Food and kindred products	536	15	42	26	47	101	103	138	58	6	7 359	7 589
Apparel and other fabricated textile products	459	114	49	70	60	41	59	34	21	11	4 950	6 243
Paper and allied products	542	27	81	39	47	88	82	153	25	–	6 875	7 331
Chemicals and allied products	561	21	39	19	39	97	137	183	26	–	7 478	7 628
Other nondurable goods	450	50	73	25	25	103	53	79	32	10	6 505	7 078
Not specified manufacturing industries	33	–	–	–	16	–	10	–	–	7	...	...
Nonmanufacturing industries	609	78	27	19	43	99	133	159	51	–	7 289	7 714
Transportation, communications, and other public utilities	137	4	–	–	–	26	33	58	16	–	8 190	8 075
Wholesale and retail trade	280	36	16	–	21	44	62	80	21	–	7 371	7 840
All other industries	192	38	11	19	22	29	38	21	14	–	6 207	7 237
Transport equipment operatives	**8 823**	**558**	**610**	**491**	**811**	**1 251**	**1 396**	**2 180**	**1 346**	**180**	**7 495**	**7 897**
Bus drivers	307	40	38	12	41	81	56	22	12	5	6 278	6 882
Taxicab drivers and chauffeurs	185	54	65	20	5	3	4	24	4	6	3 185	...
Truck drivers and deliverymen	6 540	327	375	419	581	891	1 015	1 658	1 118	156	7 667	8 001
Other transport equipment operatives	1 791	137	132	40	184	276	321	476	212	13	7 394	7 794
Laborers, except farm	**10 197**	**1 763**	**1 092**	**718**	**1 337**	**1 659**	**1 515**	**1 636**	**456**	**21**	**6 114**	**6 868**
Construction laborers	1 835	218	190	128	318	302	284	298	97	–	6 210	6 794
Freight, stock, and material handlers	3 450	804	387	239	338	472	485	585	131	9	5 873	7 014
Other specified laborers	1 681	452	179	136	229	195	241	166	77	6	5 321	6 451
Miscellaneous and not specified laborers	3 231	289	336	215	452	690	505	587	151	6	6 469	6 923
Occupation:												
Miscellaneous laborers	1 328	71	88	65	196	303	198	298	103	6	6 805	7 186
Not specified laborers	1 903	218	248	150	256	387	307	289	48	–	6 205	6 738
Industry:												
Manufacturing	2 522	180	232	169	346	535	406	517	131	6	6 624	7 146
Durable goods	2 198	96	202	148	327	482	369	453	115	6	6 676	7 139
Wood products, including furniture	27	–	6	5	5	–	5	6	–	–	...	...
Metal industries	1 639	63	151	114	216	360	275	373	81	6	6 765	7 229
Machinery, including electrical	157	10	16	9	52	19	25	9	17	–	5 837	6 567
Transportation equipment	32	–	4	–	–	–	6	17	5	–	...	...
Other durable goods	343	23	25	20	54	103	58	48	12	–	6 481	6 791
Nondurable goods	318	84	24	21	19	53	37	64	16	–	6 208	7 284
Food and kindred products	80	14	14	4	19	–	9	14	6	–	...	...
Not specified manufacturing industries	6	–	6	–	–	–	–	–	–	–	...	...
Nonmanufacturing industries	709	109	104	46	106	155	99	70	20	–	5 901	6 256
Railroads and railway express service	167	10	10	5	26	59	46	–	11	–	6 551	6 718
Transportation, except railroads	28	–	11	–	5	8	4	–	–	–	...	...
Communications, and utilities and sanitary services	144	5	22	26	19	35	17	20	–	–	6 000	6 341
Wholesale and retail trade	151	24	14	15	29	39	5	20	5	–	5 776	6 152
All other industries	219	70	47	–	27	14	27	30	4	–	3 681	5 045
Farmers and farm managers	**1 235**	**322**	**213**	**111**	**123**	**84**	**64**	**67**	**134**	**117**	**4 743**	**4 971**
Farm laborers and farm foremen	**1 004**	**350**	**272**	**69**	**100**	**92**	**61**	**28**	**19**	**13**	**3 118**	**3 995**
Paid farm laborers and farm foremen	931	325	240	60	93	92	61	28	19	13	3 171	4 227
Unpaid family workers	73	25	32	9	7	–	–	–	–	–	...	...
Service workers, except private household[1]	**10 606**	**2 225**	**1 326**	**1 208**	**1 479**	**1 335**	**1 029**	**1 229**	**619**	**156**	**5 368**	**6 210**
Cleaning service workers	4 081	653	575	592	818	687	344	282	114	16	5 270	5 654
Food service workers	2 419	890	332	284	231	219	149	132	115	67	3 925	5 782
Cooks, except private household	777	169	110	110	54	105	61	79	54	35	4 995	6 481
Busboys and dishwashers	387	328	21	28	10	–	–	–	–	–	1 180	...
Health service workers	286	123	40	22	53	29	10	–	9	–	3 000	5 427
Personal service workers	925	214	123	67	88	83	82	101	114	53	5 665	6 747
Protective service workers	2 252	174	161	176	203	264	390	646	222	16	7 379	7 701
Firemen, fire protection	354	7	4	–	13	40	110	114	66	–	8 053	8 031
Guards and watchmen	918	90	137	151	154	115	116	101	49	5	5 526	6 057
Policemen and detectives	897	29	20	19	36	92	161	426	103	11	8 430	8 496
Private household workers	**49**	**31**	**12**	–	–	**6**	–	–	–	–	...	...

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
BINGHAMTON, N.Y.–PA., SMSA												
Total												
Experienced civilian labor force	**74 166**	**6 854**	**5 678**	**4 197**	**6 612**	**7 368**	**7 413**	**12 354**	**16 690**	**7 000**	**7 860**	**8 610**
Professional, technical, and kindred workers	**14 701**	**601**	**496**	**201**	**426**	**624**	**824**	**2 134**	**6 115**	**3 280**	**11 672**	**12 168**
Accountants	782	32	2	17	19	29	55	176	352	100	10 866	11 203
Architects	29	3	–	–	4	–	–	4	9	9	...	...
Computer specialists	1 298	25	51	18	53	35	35	164	617	300	12 172	12 674
Engineers	4 220	114	38	27	80	56	143	333	2 037	1 392	13 238	13 459
Aeronautical and astronautical	47	–	–	–	–	–	–	19	17	11	...	...
Civil	213	10	–	3	19	8	21	33	90	29	10 694	11 389
Electrical and electronic	1 793	66	–	12	8	21	55	90	801	740	14 023	14 211
Mechanical	471	6	6	6	12	5	18	28	252	138	13 065	13 174
Other engineers	1 696	32	32	6	41	22	49	163	877	474	12 868	13 129
Lawyers and judges	294	–	6	–	–	–	9	21	81	177	15000+	15000+
Life and physical scientists	241	25	13	–	–	15	4	30	87	67	11 925	12 356
Chemists	178	6	8	–	–	15	–	19	78	52	12 628	12 756
Physicians, dentists, and related practitioners	607	4	17	16	9	17	24	25	106	389	15000+	15000+
Dentists	126	–	5	–	5	–	–	–	20	96	15000+	...
Pharmacists	104	4	–	10	–	9	3	4	56	18	11 964	...
Physicians, medical and osteopathic	318	–	12	6	4	8	21	9	10	248	15000+	15000+
Other related practitioners	59	–	–	–	–	–	–	12	20	27	...	...
Health technologists and technicians	75	–	6	–	13	11	7	28	4	6	...	...
Religious workers	374	30	103	26	58	33	39	43	32	10	5 483	5 673
Social scientists	83	–	–	–	–	–	4	11	23	45	...	...
Social and recreation workers	155	28	5	–	–	52	21	26	13	10	6 856	7 667
Teachers	1 879	136	139	18	32	113	138	376	709	218	9 934	11 457
College and university	516	35	86	–	5	9	8	37	175	161	12 229	13 658
Elementary and prekindergarten	482	54	24	–	11	23	75	147	144	4	8 735	9 529
Secondary	711	40	18	13	5	67	51	183	329	5	9 765	10 545
Engineering and science technicians	2 070	92	74	29	83	136	153	547	856	100	9 711	9 979
Draftsmen and surveyors	551	29	23	5	33	74	48	138	185	16	8 920	9 346
Electrical and electronic engineering technicians	920	28	29	7	15	19	55	258	459	50	10 534	10 737
Technicians, except health, and engineering and science	100	–	–	3	5	13	4	9	55	11	...	...
Airplane pilots	27	–	–	–	–	5	–	5	12	5	...	...
Writers, artists, and entertainers	957	58	22	12	28	43	75	138	440	141	11 165	11 749
Other professional, technical, and kindred workers	1 537	54	20	35	42	71	113	203	694	305	11 661	12 070
Managers and administrators, except farm	**7 553**	**281**	**231**	**154**	**311**	**398**	**595**	**1 122**	**2 364**	**2 097**	**11 448**	**11 758**
Buyers, purchasing agents, and sales managers	943	18	27	22	62	57	66	167	296	228	10 887	11 157
School administrators	269	–	5	–	–	–	5	16	114	129	14 759	14 966
Specified managers and administrators, public administration	340	10	22	9	21	28	17	78	135	20	9 615	10 111
Other specified managers and administrators	1 178	63	39	49	35	115	113	210	346	208	9 667	10 039
Managers and administrators, n.e.c., salaried	3 960	107	83	56	115	117	336	579	1 261	1 306	12 328	12 624
Manufacturing	1 708	55	5	6	8	25	61	171	611	766	14 280	14 340
Wholesale and retail trade	1 089	23	45	20	82	63	151	205	282	218	9 566	9 745
Transportation, communications, and other public utilities	245	–	–	5	10	–	10	42	107	71	12 593	12 477
All other industries	918	29	33	25	15	29	114	161	261	251	11 015	11 801
Managers and administrators, n.e.c., self-employed	863	83	55	18	78	81	58	72	212	206	9 625	10 092
Construction	190	4	28	5	32	19	21	–	47	34	7 333	10 438
Manufacturing	76	4	4	–	–	5	–	13	32	18	...	...
Wholesale and retail trade	448	59	9	8	36	35	31	41	100	129	10 250	10 500
All other industries	149	16	14	5	10	22	6	18	33	25	8 167	7 833
Sales workers	**4 295**	**648**	**321**	**200**	**297**	**447**	**363**	**686**	**916**	**417**	**7 646**	**8 582**
Insurance agents, brokers, and underwriters	544	51	22	–	24	28	42	125	147	105	9 680	9 752
Real estate agents and brokers	153	11	5	10	7	14	6	31	24	45	9 516	9 548
Sales representatives, manufacturing industries	431	11	27	16	32	34	36	71	138	66	9 676	10 580
Sales representatives, wholesale trade	758	41	54	28	38	105	71	152	220	49	8 553	9 099
Sales clerks, retail trade	1 040	268	140	74	71	143	62	144	88	50	5 535	6 694
Salesmen, retail trade	567	68	20	32	83	44	69	99	108	44	7 529	8 232
Salesmen of services and construction	174	11	4	12	–	26	22	10	84	5	10 119	...
Other sales workers	628	187	49	28	42	53	55	54	107	53	6 151	7 240
Clerical and kindred workers	**5 799**	**577**	**410**	**270**	**522**	**614**	**712**	**1 368**	**1 091**	**235**	**7 711**	**8 307**
Bank tellers and cashiers	154	65	16	10	16	23	4	9	11	–	3 500	...
Bookkeepers and billing clerks	448	35	25	28	54	54	67	94	82	9	7 418	7 739
Mail handlers and postal clerks	722	52	40	10	42	84	179	271	44	–	7 743	7 933
Other clerical and kindred workers	4 475	425	329	222	410	453	462	994	954	226	7 863	8 529
Craftsmen and kindred workers	**14 948**	**654**	**742**	**871**	**1 535**	**1 813**	**2 140**	**3 223**	**3 412**	**558**	**7 869**	**8 240**
Apparel craftsmen and upholsterers	346	16	36	19	77	111	39	43	–	5	6 225	6 341
Bakers	85	3	7	–	–	27	19	11	18	–	...	...
Cabinetmakers	71	–	12	5	4	28	4	13	–	5	...	...
Construction craftsmen	3 683	184	248	222	431	414	528	735	816	105	7 649	8 166
Carpenters	1 095	58	71	110	125	171	145	182	216	17	7 086	7 646
Excavating, grading, and road machine operators	630	17	34	10	77	102	116	138	109	27	7 647	7 551
Electricians	482	12	16	13	45	21	56	132	173	14	9 182	9 388
Masons and tile setters	301	4	26	19	34	39	44	78	57	–	7 648	8 667
Painters, construction and maintenance, and paperhangers	338	56	14	26	67	32	64	56	23	–	6 188	6 750
Plasterers and cement finishers	106	–	14	–	8	5	15	22	29	13	9 000	...
Plumbers and pipe fitters	499	32	29	15	39	37	74	89	164	20	8 528	8 750
Other construction craftsmen	232	5	44	29	36	7	14	38	45	14	6 286	7 833
Foremen, n.e.c	2 272	34	15	49	102	187	284	546	849	206	9 703	9 914
Manufacturing	1 423	16	–	45	40	103	159	381	538	141	9 829	9 926
Nonmanufacturing industries	849	18	15	4	62	84	125	165	311	65	9 412	9 881
Linemen and servicemen, telephone and power	443	7	5	16	34	50	65	88	163	15	9 011	9 169
Locomotive engineers and firemen	83	4	5	–	5	9	10	37	13	–	...	...
Mechanics and repairmen	3 378	147	202	237	424	485	590	701	506	86	7 329	7 538
Air conditioning, heating, and refrigeration	146	7	7	12	15	21	18	39	13	14	7 611	7 955
Aircraft	19	–	10	–	–	4	–	–	5	–	...	...
Automobile, including body	1 421	50	114	126	246	244	264	248	108	21	6 715	6 897
Radio and television	161	22	3	15	10	20	36	16	39	–	7 292	7 440
Other mechanics and repairmen	1 631	68	68	84	153	196	272	398	341	51	7 906	8 180
Metal craftsmen, except mechanics	2 238	60	55	110	206	212	363	562	640	30	8 402	8 662
Machinists and job and die setters	757	23	32	33	111	112	121	170	144	11	7 558	7 861
Sheetmetal workers and tinsmiths	233	11	–	27	10	29	32	48	76	–	8 313	8 406
Tool and die makers	807	17	4	34	38	49	155	229	274	7	8 930	9 097
Other metal craftsmen	441	9	19	16	47	22	55	115	146	12	8 913	9 243
Printing craftsmen	448	29	31	61	39	34	53	137	52	12	7 566	8 076
Compositors and typesetters	212	4	5	46	15	17	40	72	7	6	7 475	7 736
Pressmen and plate printers, printing	120	–	19	5	13	11	4	38	30	–	8 421	...
Stationary engineers and power station operators	185	–	–	–	10	17	20	34	80	24	10 719	10 767
Other craftsmen and kindred workers	1 716	170	126	152	203	239	165	316	275	70	6 866	7 466

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
BINGHAMTON, N.Y.–PA., SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**10 555**	**909**	**1 183**	**922**	**1 337**	**1 403**	**1 372**	**1 919**	**1 438**	**72**	**6 660**	**7 284**
Assemblers	1 218	124	143	72	116	170	197	216	167	13	6 906	7 516
Checkers, examiners, and inspectors; manufacturing	1 416	22	87	22	97	153	254	330	437	14	8 442	8 844
Garage workers and gas station attendants	340	168	45	19	69	18	3	4	14	–	2 089	5 234
Laundry and drycleaning operatives, n.e.c	85	24	25	11	7	–	–	13	–	5	...	...
Meat cutters and butchers	264	18	7	15	41	14	52	92	25	–	7 712	7 846
Mine operatives, n.e.c	31	–	6	16	–	9	–	–	–	–	...	...
Packers and wrappers, except produce	424	106	74	47	46	66	52	16	17	–	4 681	6 272
Painters, manufactured articles	89	10	7	10	31	11	16	4	–	–	...	...
Precision machine operatives	740	46	50	37	91	104	100	194	109	9	7 420	7 993
Sawyers	117	5	10	34	43	13	8	4	–	–	5 221	...
Stationary firemen	79	8	15	–	17	13	9	9	8	–	...	...
Textile operatives	24	5	–	–	–	9	–	5	5	–	...	...
Welders and flamecutters	336	–	42	19	85	61	33	34	55	7	6 361	6 738
Other metalworking operatives	479	27	71	56	61	75	46	93	50	–	6 327	6 795
Other specified operatives	2 084	195	343	279	321	270	228	241	202	5	5 701	6 256
Miscellaneous and not specified operatives	2 829	151	258	285	312	417	374	664	349	19	6 980	7 485
Occupation:												
Machine operatives, miscellaneous specified	1 165	55	110	135	177	166	145	273	98	6	6 636	7 050
Machine operatives, not specified	724	30	44	58	52	115	120	165	131	9	7 525	7 966
Miscellaneous operatives	654	46	72	78	60	89	86	137	86	–	6 798	7 424
Not specified operatives	286	20	32	14	23	47	23	89	34	4	7 304	8 034
Industry:												
Manufacturing	2 536	124	215	271	286	369	331	613	308	19	7 009	7 543
Durable goods	1 971	79	122	179	174	277	277	556	288	19	7 558	8 004
Wood products, including furniture	95	6	4	27	34	5	19	–	–	–	...	...
Primary metal industries	120	–	9	7	31	43	17	9	4	–	6 302	...
Fabricated metal industries	87	11	15	20	9	16	5	5	6	–	...	...
Machinery, including electrical	1 009	43	47	71	52	130	123	322	217	4	8 239	8 654
Motor vehicles and equipment	6	–	–	–	–	–	–	–	6	–	...	...
Transportation equipment, except motor vehicles	47	–	5	5	3	–	18	5	11	–	...	...
Other durable goods	607	19	42	49	45	83	95	215	44	15	7 689	8 056
Nondurable goods	561	45	93	88	112	92	54	57	20	–	5 487	5 927
Food and kindred products	65	15	15	8	13	5	5	4	–	–	...	...
Apparel and other fabricated textile products	8	3	5	–	–	–	–	–	–	–	...	...
Paper and allied products	145	5	20	10	21	30	34	15	10	–	6 550	6 800
Chemicals and allied products	16	–	5	6	–	–	–	5	–	–	...	...
Other nondurable goods	327	22	48	64	78	57	15	33	10	–	5 378	5 652
Not specified manufacturing industries	4	–	–	4	–	–	–	–	–	–	...	–
Nonmanufacturing industries	293	27	43	14	26	48	43	51	41	–	6 760	7 081
Transportation, communications, and other public utilities	53	–	6	–	–	9	20	7	11	–	...	...
Wholesale and retail trade	103	23	20	9	22	5	5	19	–	–	4 944	...
All other industries	137	4	17	5	4	34	18	25	30	–	7 250	7 222
Transport equipment operatives	**3 801**	**206**	**292**	**343**	**535**	**571**	**467**	**763**	**581**	**43**	**6 919**	**7 314**
Bus drivers	281	23	25	40	53	66	29	28	12	5	5 991	6 250
Taxicab drivers and chauffeurs	175	21	32	23	46	33	4	16	–	–	5 250	5 716
Truck drivers and deliverymen	2 874	141	192	249	399	432	361	561	501	38	7 066	7 457
Other transport equipment operatives	471	21	43	31	37	40	73	158	68	–	7 870	8 234
Laborers, except farm	**4 024**	**938**	**631**	**406**	**573**	**605**	**322**	**322**	**221**	**6**	**5 065**	**5 947**
Construction laborers	1 082	96	125	147	145	201	116	149	97	6	6 139	6 500
Freight, stock, and material handlers	1 421	428	260	103	176	196	104	85	69	–	4 218	6 078
Other specified laborers	853	299	150	66	104	92	60	52	30	–	3 700	5 366
Miscellaneous and not specified laborers	668	115	96	90	148	116	42	36	25	–	5 223	5 836
Occupation:												
Miscellaneous laborers	237	24	12	42	44	57	22	17	19	–	5 920	6 343
Not specified laborers	431	91	84	48	104	59	20	19	6	–	4 844	5 560
Industry:												
Manufacturing	308	31	53	43	55	65	29	22	10	–	5 491	6 106
Durable goods	197	28	25	22	26	46	24	22	4	–	5 904	6 591
Wood products, including furniture	17	–	4	8	5	–	–	–	–	–	...	...
Metal industries	57	5	16	9	6	10	11	–	–	–	...	...
Machinery, including electrical	80	13	–	5	15	16	13	18	–	–	...	...
Transportation equipment	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	43	10	5	–	–	20	–	4	4	–	...	...
Nondurable goods	106	3	28	21	24	19	5	–	6	–	5 042	...
Food and kindred products	33	–	7	4	7	10	5	–	–	–	...	...
Not specified manufacturing industries	5	–	–	–	5	–	–	–	–	–	...	...
Nonmanufacturing industries	360	84	43	47	93	51	13	14	15	–	5 065	5 675
Railroads and railway express service	62	–	6	–	41	12	3	–	–	–	...	...
Transportation, except railroads	12	–	–	–	12	–	–	–	–	–	...	...
Communications, and utilities and sanitary services	57	8	–	18	10	11	5	–	5	–	...	...
Wholesale and retail trade	89	30	9	6	18	6	5	5	10	–	...	...
All other industries	140	46	28	23	12	22	–	9	–	–	3 714	...
Farmers and farm managers	**1 643**	**343**	**398**	**188**	**122**	**104**	**70**	**128**	**75**	**215**	**4 428**	**4 514**
Farm laborers and farm foremen	**665**	**244**	**187**	**53**	**56**	**32**	**4**	**27**	**34**	**28**	**2 947**	**3 420**
Paid farm laborers and farm foremen	650	229	187	53	56	32	4	27	34	28	3 027	3 503
Unpaid family workers	15	15	–	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**6 160**	**1 436**	**787**	**589**	**898**	**752**	**544**	**662**	**443**	**49**	**5 298**	**6 206**
Cleaning service workers	2 137	402	303	323	492	330	116	107	52	12	5 082	5 531
Food service workers	1 163	479	254	87	83	127	38	39	48	8	2 807	5 421
Cooks, except private household	371	106	66	27	43	58	9	26	33	3	4 500	6 308
Busboys and dishwashers	239	174	43	18	4	–	–	–	–	–	1 374	...
Health service workers	426	66	26	51	97	103	54	14	15	–	5 722	6 230
Personal service workers	490	106	80	26	58	45	61	63	41	10	5 569	6 925
Protective service workers	1 389	196	38	66	99	119	219	407	226	19	7 806	8 164
Firemen, fire protection	278	–	6	–	5	29	52	121	60	5	8 777	8 817
Guards and watchmen	453	102	27	48	63	37	68	50	50	8	5 786	6 851
Policemen and detectives	520	19	5	13	27	43	79	221	107	6	8 670	8 668
Private household workers	**22**	**17**	–	–	–	**5**	–	–	–	–	...	...

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
ERIE SMSA												
Total												
Experienced civilian labor force	**64 155**	**5 680**	**4 584**	**3 292**	**5 656**	**7 524**	**8 635**	**12 886**	**11 198**	**4 700**	**7 619**	**8 245**
Professional, technical, and kindred workers	**7 716**	**356**	**427**	**222**	**325**	**546**	**621**	**1 645**	**2 313**	**1 261**	**9 655**	**10 308**
Accountants	511	20	29	6	14	19	76	83	195	69	10 218	10 757
Architects	29	–	–	–	–	–	–	5	9	15	...	...
Computer specialists	205	13	24	6	14	4	29	54	51	10	8 463	8 783
Engineers	1 438	17	17	26	31	33	45	303	626	340	11 973	12 105
Aeronautical and astronautical	18	–	–	5	–	–	–	5	3	5	...	...
Civil	95	–	–	2	4	7	5	14	17	46	...	...
Electrical and electronic	382	6	6	–	24	16	–	110	166	54	10 873	11 366
Mechanical	124	–	–	–	–	–	5	22	63	34	12 778	12 586
Other engineers	819	11	11	19	3	10	35	152	377	201	12 235	12 289
Lawyers and judges	129	–	–	–	–	9	3	–	20	97	15000+	15000+
Life and physical scientists	118	–	–	4	–	–	11	23	60	20	11 750	11 917
Chemists	100	–	–	4	–	–	11	23	47	15	...	...
Physicians, dentists, and related practitioners	578	15	19	13	7	5	15	28	94	382	15000+	15000+
Dentists	138	4	9	4	7	–	–	10	20	84	15000+	15000+
Pharmacists	92	–	6	–	–	–	10	6	43	27	...	...
Physicians, medical and osteopathic	296	5	4	4	–	5	–	12	21	245	15000+	15000+
Other related practitioners	52	6	–	5	–	–	5	–	10	26	...	...
Health technologists and technicians	85	6	–	7	5	26	10	10	16	5	...	...
Religious workers	287	21	64	30	45	36	35	37	19	–	5 633	5 515
Social scientists	101	17	10	–	–	–	5	15	25	29	10 700	...
Social and recreation workers	112	31	–	6	11	4	21	23	11	5	7 190	...
Teachers	1 379	36	82	31	43	136	132	350	515	54	9 311	10 078
College and university	408	13	23	21	23	21	38	62	161	46	10 093	10 941
Elementary and prekindergarten	263	9	18	5	–	46	27	84	74	–	8 631	9 241
Secondary	639	–	35	5	5	69	67	189	261	8	9 466	10 400
Engineering and science technicians	1 048	76	57	44	56	129	116	324	217	29	8 284	8 708
Draftsmen and surveyors	652	41	40	25	42	86	75	189	143	11	8 180	8 554
Electrical and electronic engineering technicians	117	12	12	5	5	10	15	37	21	–	7 967	...
Technicians, except health, and engineering and science	89	12	–	–	4	19	5	18	31	–	...	...
Airplane pilots	22	–	–	–	–	–	–	5	17	–	...	...
Writers, artists, and entertainers	532	39	57	24	41	68	33	115	112	43	8 070	8 978
Other professional, technical, and kindred workers	1 075	53	68	25	54	58	85	257	312	163	9 514	10 116
Managers and administrators, except farm	**6 320**	**223**	**228**	**162**	**284**	**366**	**536**	**922**	**1 826**	**1 773**	**11 202**	**11 431**
Buyers, purchasing agents, and sales managers	844	16	18	28	29	51	55	153	284	210	11 268	11 322
School administrators	188	11	15	4	–	–	–	5	78	75	13 782	13 688
Specified managers and administrators, public administration	224	–	–	15	20	15	34	48	70	22	9 167	9 047
Other specified managers and administrators	1 150	58	63	50	51	83	148	170	276	251	9 435	9 822
Managers and administrators, n.e.c., salaried	2 998	88	88	26	132	191	219	396	913	945	11 966	12 214
Manufacturing	1 221	27	6	–	9	40	31	128	455	525	14 060	14 176
Wholesale and retail trade	870	39	45	11	84	110	77	133	159	212	9 038	9 414
Transportation, communications, and other public utilities	255	–	4	–	5	10	24	46	112	54	11 719	11 540
All other industries	652	22	33	15	34	31	87	89	187	154	10 401	10 714
Managers and administrators, n.e.c., self-employed	916	50	44	39	52	26	80	150	205	270	10 415	10 701
Construction	206	17	4	14	10	5	20	24	34	78	11 324	12 574
Manufacturing	76	–	–	7	–	6	5	14	19	25	...	...
Wholesale and retail trade	431	12	35	13	38	5	47	63	101	117	10 124	9 825
All other industries	203	21	5	5	4	10	8	49	51	50	9 980	10 931
Sales workers	**4 182**	**567**	**213**	**146**	**258**	**353**	**314**	**749**	**962**	**620**	**8 641**	**9 462**
Insurance agents, brokers, and underwriters	526	18	25	8	20	35	52	124	145	99	9 694	10 339
Real estate agents and brokers	147	10	11	–	10	4	8	32	24	48	9 906	9 781
Sales representatives, manufacturing industries	615	46	–	–	9	49	70	140	185	116	9 907	9 919
Sales representatives, wholesale trade	580	24	9	20	58	25	70	148	136	90	9 135	9 533
Sales clerks, retail trade	883	276	102	27	66	80	48	82	152	50	5 553	7 511
Salesmen, retail trade	632	46	30	38	51	103	15	104	149	96	8 635	9 260
Salesmen of services and construction	178	16	–	5	5	11	14	34	77	16	10 260	10 746
Other sales workers	621	131	36	48	39	46	37	85	94	105	7 284	9 047
Clerical and kindred workers	**4 606**	**318**	**308**	**247**	**459**	**691**	**900**	**1 015**	**563**	**105**	**7 311**	**7 819**
Bank tellers and cashiers	80	19	10	5	15	14	9	8	–	–	...	...
Bookkeepers and billing clerks	322	13	8	37	18	29	67	66	63	21	7 836	8 121
Mail handlers and postal clerks	590	21	–	10	31	112	154	203	54	5	7 786	8 088
Other clerical and kindred workers	3 614	265	290	195	395	536	670	738	446	79	7 188	7 751
Craftsmen and kindred workers	**15 632**	**696**	**787**	**660**	**1 312**	**1 789**	**2 456**	**3 978**	**3 371**	**583**	**8 058**	**8 490**
Apparel craftsmen and upholsterers	58	–	6	5	8	14	12	4	9	–	...	...
Bakers	81	–	14	8	16	11	4	23	–	5	...	...
Cabinetmakers	69	–	–	6	3	27	23	–	10	–	...	...
Construction craftsmen	3 514	205	217	162	285	398	491	808	773	175	7 998	8 631
Carpenters	920	49	57	54	90	118	135	211	173	33	7 681	8 283
Excavating, grading, and road machine operators	361	7	40	37	17	52	63	73	60	12	7 437	7 769
Electricians	664	24	16	–	55	54	119	206	147	43	8 621	9 102
Masons and tile setters	245	12	4	–	10	9	21	68	121	–	9 956	9 906
Painters, construction and maintenance, and paperhangers	369	58	28	29	34	60	32	81	37	10	6 592	7 500
Plasterers and cement finishers	132	12	11	15	15	–	20	31	10	18	7 650	...
Plumbers and pipe fitters	515	12	25	21	48	93	46	86	144	40	8 291	8 580
Other construction craftsmen	308	31	36	6	16	12	55	52	81	19	7 964	10 147
Foremen, n.e.c.	2 508	32	15	18	61	163	314	706	969	230	9 844	10 024
Manufacturing	2 084	32	11	8	50	134	233	597	845	174	9 923	10 145
Nonmanufacturing industries	424	–	4	10	11	29	81	109	124	56	9 413	9 645
Linemen and servicemen, telephone and power	473	24	10	21	53	14	44	183	124	–	8 770	8 836
Locomotive engineers and firemen	140	5	–	–	5	6	6	30	72	16	11 250	11 912
Mechanics and repairmen	3 198	210	219	180	361	429	562	802	363	72	7 356	7 566
Air conditioning, heating, and refrigeration	84	–	–	–	11	14	4	44	11	–	...	...
Aircraft	20	–	–	–	5	–	–	15	–	–	...	...
Automobile, including body	1 221	96	130	92	165	147	227	242	87	35	6 867	7 126
Radio and television	88	18	8	7	4	17	20	14	–	–	...	...
Other mechanics and repairmen	1 785	96	81	81	176	251	311	487	265	37	7 667	7 920
Metal craftsmen, except mechanics	3 185	81	170	126	231	446	561	902	647	21	7 960	8 508
Machinists and job and die setters	1 411	47	108	99	138	154	315	353	186	11	7 506	7 946
Sheetmetal workers and tinsmiths	191	4	4	–	13	19	33	52	66	–	8 865	9 042
Tool and die makers	800	16	30	8	23	103	82	273	259	6	9 011	9 585
Other metal craftsmen	783	14	28	19	57	170	131	224	136	4	7 790	8 073
Printing craftsmen	281	25	4	–	27	44	47	61	73	–	7 862	8 557
Compositors and typesetters	144	10	4	–	7	39	26	33	25	–	7 462	...
Pressmen and plate printers, printing	112	10	–	–	20	5	21	14	42	–	8 000	...
Stationary engineers and power station operators	221	6	3	5	4	34	62	65	36	6	7 944	7 894
Other craftsmen and kindred workers	1 904	108	129	129	258	203	330	394	295	58	7 379	7 614

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
ERIE SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**13 379**	**885**	**924**	**949**	**1 628**	**2 220**	**2 342**	**3 045**	**1 290**	**96**	**7 036**	**7 512**
Assemblers	1 513	17	137	76	147	250	388	318	170	10	7 334	7 688
Checkers, examiners, and inspectors; manufacturing	1 044	12	47	19	95	208	209	325	129	–	7 675	8 023
Garage workers and gas station attendants	422	187	50	30	73	28	5	18	25	6	2 960	5 336
Laundry and drycleaning operatives, n.e.c	40	–	9	10	15	6	–	–	–	–	...	...
Meat cutters and butchers	308	36	21	19	31	72	51	53	21	4	6 653	7 200
Mine operatives, n.e.c	9	–	–	4	5	–	–	–	–	–	...	...
Packers and wrappers, except produce	207	34	13	5	27	53	14	30	31	–	6 462	7 964
Painters, manufactured articles	262	24	24	4	64	14	82	35	15	–	7 012	7 258
Precision machine operatives	1 850	112	104	146	210	329	353	474	117	5	7 068	7 700
Sawyers	158	13	13	23	29	26	16	26	12	–	6 038	5 897
Stationary firemen	94	–	4	9	17	5	14	39	6	–	...	...
Textile operatives	5	–	5	–	–	–	–	–	–	–	...	–
Welders and flamecutters	1 373	55	80	88	147	228	213	394	151	17	7 415	8 037
Other metalworking operatives	975	55	79	37	153	153	183	215	94	6	7 057	7 386
Other specified operatives	1 497	106	94	115	205	198	210	357	196	16	7 145	7 604
Miscellaneous and not specified operatives	3 622	234	244	364	410	650	604	761	323	32	6 860	7 330
Occupation:												
Machine operatives, miscellaneous specified	1 679	68	73	173	126	346	285	409	187	12	7 188	7 487
Machine operatives, not specified	1 013	63	66	105	150	164	196	189	80	–	6 747	7 132
Miscellaneous operatives	612	75	89	64	93	93	74	84	25	15	5 839	7 169
Not specified operatives	318	28	16	22	41	47	49	79	31	5	7 102	7 372
Industry:												
Manufacturing	3 413	197	217	333	385	630	586	732	316	17	6 912	7 359
Durable goods	2 304	146	177	219	292	451	400	414	195	10	6 705	7 067
Wood products, including furniture	79	8	7	5	12	19	24	4	–	–	...	...
Primary metal industries	602	15	25	89	52	136	81	125	74	5	6 882	7 092
Fabricated metal industries	337	14	31	19	73	35	59	85	21	–	6 900	7 593
Machinery, including electrical	611	60	45	53	90	118	91	104	45	5	6 487	6 807
Motor vehicles and equipment	8	–	–	–	4	–	4	–	–	–	...	–
Transportation equipment, except motor vehicles	377	21	51	25	37	102	58	42	41	–	6 534	...
Other durable goods	290	28	18	28	24	41	83	54	14	–	7 072	7 217
Nondurable goods	1 071	51	40	110	89	169	175	309	121	7	7 437	7 930
Food and kindred products	112	19	6	4	11	28	22	4	18	–	6 571	...
Apparel and other fabricated textile products	6	–	–	6	–	–	–	–	–	–	...	–
Paper and allied products	391	6	6	14	6	22	70	181	86	–	8 790	8 917
Chemicals and allied products	44	–	–	6	10	9	10	4	5	–	...	...
Other nondurable goods	518	26	28	80	62	110	73	120	12	7	6 573	6 811
Not specified manufacturing industries	38	–	–	4	4	10	11	9	–	–	...	...
Nonmanufacturing industries	209	37	27	31	25	20	18	29	7	15	5 380	6 533
Transportation, communications, and other public utilities	50	–	–	15	14	–	5	10	–	6	...	...
Wholesale and retail trade	67	20	12	11	5	11	–	8	–	–	...	...
All other industries	92	17	15	5	6	9	13	11	7	9	...	...
Transport equipment operatives	**3 292**	**299**	**288**	**182**	**338**	**469**	**522**	**675**	**420**	**99**	**7 134**	**7 591**
Bus drivers	135	14	–	–	10	45	52	10	–	4	6 967	7 096
Taxicab drivers and chauffeurs	81	23	16	12	9	14	–	7	–	–	...	...
Truck drivers and deliverymen	2 273	186	201	115	212	289	313	514	357	86	7 427	7 943
Other transport equipment operatives	803	76	71	55	107	121	157	144	63	9	6 764	7 267
Laborers, except farm	**3 610**	**888**	**524**	**285**	**460**	**512**	**389**	**401**	**113**	**38**	**5 235**	**6 369**
Construction laborers	617	50	55	57	93	95	81	135	35	16	6 563	7 606
Freight, stock, and material handlers	1 106	397	193	81	121	106	74	101	25	8	3 617	5 763
Other specified laborers	695	231	105	54	57	74	108	41	16	9	4 213	5 657
Miscellaneous and not specified laborers	1 192	210	171	93	189	237	126	124	37	5	5 646	6 443
Occupation:												
Miscellaneous laborers	400	35	48	24	84	84	60	47	13	5	6 107	6 607
Not specified laborers	792	175	123	69	105	153	66	77	24	–	5 276	6 342
Industry:												
Manufacturing	813	100	127	68	119	176	111	93	19	–	5 937	6 546
Durable goods	628	65	103	68	95	135	90	59	13	–	5 821	6 480
Wood products, including furniture	32	10	5	4	6	7	–	–	–	–	...	...
Metal industries	355	29	54	33	48	89	64	29	9	–	6 152	6 518
Machinery, including electrical	108	19	29	7	18	18	7	10	–	–	4 857	...
Transportation equipment	82	7	15	8	19	8	15	10	–	–	...	...
Other durable goods	51	–	–	16	4	13	4	10	4	–	...	...
Nondurable goods	185	35	24	–	24	41	21	34	6	–	6 232	6 744
Food and kindred products	40	11	6	–	10	13	–	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	379	110	44	25	70	61	15	31	18	5	5 150	6 143
Railroads and railway express service	81	8	8	6	14	26	5	14	–	–	...	...
Transportation, except railroads	19	–	5	–	9	–	–	5	–	–	...	...
Communications, and utilities and sanitary services	74	16	12	–	30	10	–	6	–	–	...	...
Wholesale and retail trade	98	39	10	–	17	15	5	6	6	–	...	...
All other industries	107	47	9	19	–	10	5	–	12	5	3 444	...
Farmers and farm managers	**858**	**166**	**193**	**78**	**109**	**48**	**28**	**54**	**118**	**64**	**4 897**	**5 040**
Farm laborers and farm foremen	**543**	**240**	**137**	**33**	**37**	**44**	**15**	**24**	**4**	**9**	**2 460**	**4 303**
Paid farm laborers and farm foremen	543	240	137	33	37	44	15	24	4	9	2 460	4 303
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**3 994**	**1 035**	**549**	**324**	**446**	**486**	**506**	**378**	**218**	**52**	**5 200**	**6 288**
Cleaning service workers	1 406	318	256	161	205	225	119	83	39	–	4 801	5 497
Food service workers	821	424	98	51	58	49	37	38	45	21	1 936	5 375
Cooks, except private household	247	109	49	14	6	14	24	20	–	11	2 592	3 571
Busboys and dishwashers	181	171	–	10	–	–	–	–	–	–	1 058	...
Health service workers	98	30	20	21	–	6	11	4	6	–	...	...
Personal service workers	379	87	28	14	81	68	46	31	14	10	5 747	6 110
Protective service workers	875	89	66	54	67	81	243	183	76	16	7 331	7 576
Firemen, fire protection	170	–	–	–	–	15	86	49	16	4	7 814	7 806
Guards and watchmen	283	50	53	36	34	29	31	35	9	6	5 074	5 897
Policemen and detectives	366	10	5	12	27	37	126	99	44	6	7 730	7 850
Private household workers	**23**	**7**	**6**	**4**	–	–	**6**	–	–	–	...	...

[1] Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
HARRISBURG SMSA												
Total												
Experienced civilian labor force	**104 499**	**9 730**	**8 796**	**6 991**	**9 746**	**12 041**	**12 531**	**18 479**	**17 818**	**8 367**	**7 395**	**7 950**
Professional, technical, and kindred workers	**15 535**	**678**	**804**	**462**	**769**	**1 081**	**1 414**	**2 849**	**4 738**	**2 740**	**9 797**	**10 664**
Accountants	1 215	39	30	13	89	100	125	309	358	152	9 369	9 600
Architects	195	–	5	–	–	6	–	19	109	56	13 096	13 211
Computer specialists	921	14	26	–	35	35	79	168	391	173	11 324	11 597
Engineers	2 315	48	68	16	24	67	128	384	1 046	534	12 020	12 416
Aeronautical and astronautical	16	–	–	–	–	–	7	–	–	9	...	...
Civil	744	10	44	–	13	20	22	95	337	203	12 493	13 032
Electrical and electronic	517	14	6	–	6	5	24	88	264	110	12 188	12 362
Mechanical	245	–	–	–	5	11	21	28	114	66	12 522	12 741
Other engineers	793	24	18	16	–	31	54	173	331	146	11 216	11 643
Lawyers and judges	501	9	33	10	5	–	6	17	122	299	15000+	15000+
Life and physical scientists	236	–	8	5	6	20	–	35	111	51	11 982	12 365
Chemists	133	–	–	5	6	20	–	22	60	20	11 125	11 833
Physicians, dentists, and related practitioners	937	17	47	12	–	14	16	58	136	637	15000+	15000+
Dentists	164	4	–	–	–	6	–	5	27	122	15000+	15000+
Pharmacists	100	6	10	–	–	5	5	12	37	25	...	...
Physicians, medical and osteopathic	587	7	33	12	–	–	5	37	63	430	15000+	15000+
Other related practitioners	86	–	4	–	–	3	6	4	9	60	...	...
Health technologists and technicians	147	31	10	30	20	4	26	17	9	–	5 125	...
Religious workers	559	64	62	21	105	58	60	107	63	19	6 474	7 017
Social scientists	168	5	–	5	5	–	8	26	88	31	11 989	12 565
Social and recreation workers	224	21	–	–	10	34	29	42	72	16	8 857	8 973
Teachers	2 408	127	204	53	119	250	309	569	613	164	8 499	9 252
College and university	433	39	32	25	26	18	33	28	111	121	10 698	13 774
Elementary and prekindergarten	414	11	45	–	27	41	90	106	80	14	7 922	8 413
Secondary	1 431	61	113	23	66	186	168	393	397	24	8 501	8 983
Engineering and science technicians	1 721	98	89	143	130	180	277	408	361	35	7 796	8 134
Draftsmen and surveyors	1 004	79	60	61	82	112	180	219	197	14	7 600	7 940
Electrical and electronic engineering technicians	297	3	16	47	5	27	38	84	69	8	8 298	8 810
Technicians, except health, and engineering and science	283	10	5	10	4	22	34	40	117	41	10 705	11 474
Airplane pilots	53	–	5	–	–	–	5	–	23	20	...	...
Writers, artists, and entertainers	1 049	83	50	42	44	89	84	185	310	162	9 432	9 989
Other professional, technical, and kindred workers	2 656	112	167	102	173	202	233	465	832	370	9 458	10 227
Managers and administrators, except farm	**12 236**	**378**	**361**	**360**	**577**	**675**	**1 003**	**1 918**	**3 764**	**3 200**	**11 124**	**11 577**
Buyers, purchasing agents, and sales managers	1 546	32	38	25	66	75	158	252	469	431	11 354	11 595
School administrators	284	5	4	–	6	5	–	13	165	86	13 303	13 920
Specified managers and administrators, public administration	1 656	34	38	52	28	58	144	334	667	301	11 049	11 570
Other specified managers and administrators	2 365	140	84	117	186	192	216	469	624	337	9 055	9 382
Managers and administrators, n.e.c., salaried	5 064	97	106	99	195	241	370	713	1 572	1 671	12 261	12 594
Manufacturing	1 007	21	16	6	19	52	37	123	300	433	13 825	14 058
Wholesale and retail trade	1 597	28	57	54	79	90	152	266	415	456	10 873	11 218
Transportation, communications, and other public utilities	699	–	13	–	22	22	65	105	237	235	12 584	12 851
All other industries	1 761	48	20	39	75	77	116	219	620	547	12 310	12 670
Managers and administrators, n.e.c., self-employed	1 321	70	91	67	96	104	115	137	267	374	9 715	10 099
Construction	267	5	25	4	17	12	16	34	81	73	11 265	12 786
Manufacturing	82	5	–	–	5	–	–	9	25	38	...	...
Wholesale and retail trade	688	20	44	51	56	81	77	73	109	177	8 411	8 191
All other industries	284	40	22	12	18	11	22	21	52	86	9 619	10 817
Sales workers	**6 791**	**744**	**437**	**355**	**448**	**536**	**627**	**1 115**	**1 517**	**1 012**	**8 446**	**9 050**
Insurance agents, brokers, and underwriters	1 083	31	22	22	43	48	116	245	310	246	10 234	10 666
Real estate agents and brokers	260	7	5	6	13	23	31	36	65	74	10 692	10 574
Sales representatives, manufacturing industries	559	6	4	–	23	37	44	98	224	123	11 507	11 735
Sales representatives, wholesale trade	1 342	24	77	43	73	107	152	254	371	241	9 535	9 811
Sales clerks, retail trade	1 662	381	212	159	146	191	153	175	170	75	5 541	6 470
Salesmen, retail trade	789	51	64	46	90	42	72	164	185	75	8 360	8 763
Salesmen of services and construction	269	23	4	4	10	25	24	50	74	55	9 780	9 840
Other sales workers	827	221	49	75	50	63	35	93	118	123	6 294	7 917
Clerical and kindred workers	**10 489**	**1 031**	**752**	**741**	**1 113**	**1 411**	**1 621**	**2 181**	**1 422**	**217**	**7 121**	**7 627**
Bank tellers and cashiers	437	191	74	40	32	38	36	22	4	–	2 743	5 500
Bookkeepers and billing clerks	821	62	43	80	112	102	129	134	134	25	7 089	7 467
Mail handlers and postal clerks	1 403	69	86	61	97	186	293	540	67	4	7 691	7 932
Other clerical and kindred workers	7 828	709	549	560	872	1 085	1 163	1 485	1 217	188	7 120	7 628
Craftsmen and kindred workers	**21 829**	**943**	**1 375**	**1 387**	**2 176**	**2 859**	**3 238**	**5 328**	**3 792**	**731**	**7 672**	**7 951**
Apparel craftsmen and upholsterers	150	6	3	23	27	50	20	7	14	–	6 320	6 450
Bakers	163	53	12	32	10	22	28	–	6	–	4 516	5 050
Cabinetmakers	57	–	21	6	15	5	5	–	5	–	...	...
Construction craftsmen	5 512	281	506	354	563	658	694	1 343	917	196	7 568	8 101
Carpenters	1 759	94	215	95	219	229	247	430	212	18	7 111	7 595
Excavating, grading, and road machine operators	493	26	51	18	69	72	40	97	94	26	7 263	7 400
Electricians	951	35	38	41	65	103	86	298	254	31	8 721	9 090
Masons and tile setters	475	29	39	24	19	55	73	115	92	29	7 979	8 400
Painters, construction and maintenance, and paperhangers	554	54	72	67	107	48	69	113	20	4	5 785	7 080
Plasterers and cement finishers	154	–	11	15	13	39	18	33	21	4	6 974	...
Plumbers and pipe fitters	724	30	44	51	37	77	107	172	154	52	8 186	8 608
Other construction craftsmen	402	13	36	43	34	35	54	85	70	32	7 741	8 167
Foremen, n.e.c	2 928	35	48	55	121	255	406	1 008	793	207	9 079	9 161
Manufacturing	1 461	15	10	17	38	79	189	567	438	108	9 349	9 378
Nonmanufacturing industries	1 467	20	38	38	83	176	217	441	355	99	8 732	8 896
Linemen and servicemen, telephone and power	817	32	51	21	62	73	57	223	283	15	9 009	9 294
Locomotive engineers and firemen	381	5	6	–	6	17	28	50	187	82	12 099	12 319
Mechanics and repairmen	5 635	245	373	426	779	967	977	1 185	609	74	7 028	7 231
Air conditioning, heating, and refrigeration	330	6	17	16	79	31	53	84	44	–	7 302	7 660
Aircraft	294	–	16	–	4	38	109	77	45	5	7 817	7 904
Automobile, including body	2 174	139	236	258	346	401	302	321	140	31	6 269	6 531
Radio and television	243	6	25	15	18	39	49	62	25	4	7 378	7 844
Other mechanics and repairmen	2 594	94	79	137	332	458	464	641	355	34	7 425	7 542
Metal craftsmen, except mechanics	1 987	48	29	124	181	268	413	603	313	8	7 832	7 969
Machinists and job and die setters	680	16	7	65	79	62	218	182	51	–	7 509	7 569
Sheetmetal workers and tinsmiths	341	4	5	17	20	54	79	61	101	–	7 892	8 098
Tool and die makers	369	10	5	6	25	44	39	166	74	–	8 669	8 788
Other metal craftsmen	597	18	12	36	57	108	77	194	87	8	7 877	8 198
Printing craftsmen	675	20	32	28	57	107	98	197	127	9	7 954	7 984
Compositors and typesetters	267	5	8	4	14	39	44	78	66	9	8 500	8 459
Pressmen and plate printers, printing	325	11	24	19	39	58	44	85	45	–	7 261	7 398
Stationary engineers and power station operators	283	6	13	11	44	51	63	44	51	–	7 262	7 456
Other craftsmen and kindred workers	3 241	212	281	307	311	386	449	668	487	140	7 275	7 623

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistial Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
HARRISBURG SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**12 096**	**1 182**	**1 345**	**948**	**1 549**	**2 196**	**1 943**	**2 062**	**785**	**86**	**6 466**	**6 948**
Assemblers	505	53	88	87	88	89	66	19	11	4	5 278	5 927
Checkers, examiners, and inspectors; manufacturing	819	27	43	56	121	153	169	187	54	9	7 056	7 311
Garage workers and gas station attendants	833	376	169	84	58	29	41	62	10	4	2 479	4 764
Laundry and drycleaning operatives, n.e.c	91	32	28	–	5	10	11	5	–	–	...	...
Meat cutters and butchers	374	11	33	16	31	57	85	100	26	15	7 459	7 701
Mine operatives, n.e.c	70	13	10	–	5	19	11	12	–	–	...	...
Packers and wrappers, except produce	625	60	86	40	75	193	92	62	17	–	6 267	6 582
Painters, manufactured articles	121	4	21	9	26	17	13	11	20	–	6 029	6 529
Precision machine operatives	952	41	47	78	88	173	246	235	35	9	7 199	7 460
Sawyers	123	13	43	18	15	5	6	13	10	–	4 306	...
Stationary firemen	211	5	35	4	28	32	44	32	31	–	7 034	7 489
Textile operatives	219	17	5	40	37	42	33	39	6	–	6 250	6 270
Welders and flamecutters	780	14	23	46	86	148	211	177	68	7	7 346	7 476
Other metalworking operatives	784	17	64	58	142	126	120	173	75	9	6 881	7 373
Other specified operatives	2 320	263	342	241	299	406	260	344	141	24	6 037	6 516
Miscellaneous and not specified operatives	3 269	236	308	171	445	697	535	591	281	5	6 681	7 018
Occupation:												
Machine operatives, miscellaneous specified	1 318	72	142	80	175	300	240	225	79	5	6 633	7 078
Machine operatives, not specified	686	42	36	26	118	139	125	162	38	–	6 871	7 018
Miscellaneous operatives	760	89	82	35	98	175	84	118	79	–	6 434	6 784
Not specified operatives	505	33	48	30	54	83	86	86	85	–	7 052	7 366
Industry:												
Manufacturing	2 746	169	233	130	368	603	490	502	246	5	6 784	7 108
Durable goods	1 625	66	155	90	203	324	265	336	181	5	6 921	7 279
Wood products, including furniture	62	–	25	17	4	–	10	–	6	–	...	...
Primary metal industries	552	7	42	5	38	131	78	153	98	–	7 679	8 117
Fabricated metal industries	193	18	16	11	14	49	29	32	24	–	6 765	6 902
Machinery, including electrical	383	–	42	32	81	96	59	46	27	–	6 380	6 719
Motor vehicles and equipment	52	6	11	–	14	4	6	5	6	–	...	...
Transportation equipment, except motor vehicles	237	9	10	16	19	22	74	68	14	5	7 574	7 864
Other durable goods	146	26	9	9	33	22	9	32	6	–	5 879	6 591
Nondurable goods	1 105	96	74	40	165	274	225	166	65	–	6 648	6 988
Food and kindred products	648	64	45	19	110	180	129	76	25	–	6 478	6 779
Apparel and other fabricated textile products	41	–	9	13	–	10	5	–	4	–	...	...
Paper and allied products	65	–	–	–	15	11	14	16	9	–	...	...
Chemicals and allied products	5	5	–	–	–	–	–	–	–	–	...	–
Other nondurable goods	346	27	20	8	40	73	77	74	27	–	7 065	7 455
Not specified manufacturing industries	16	7	4	–	–	5	–	–	–	–	...	...
Nonmanufacturing industries	523	67	75	41	77	94	45	89	35	–	6 016	6 513
Transportation, communications, and other public utilities	132	–	6	–	14	27	14	51	20	–	8 196	8 217
Wholesale and retail trade	148	20	40	22	24	16	17	9	–	–	4 636	5 375
All other industries	243	47	29	19	39	51	14	29	15	–	5 679	6 355
Transport equipment operatives	**6 773**	**498**	**507**	**549**	**807**	**1 052**	**1 020**	**1 344**	**876**	**120**	**6 975**	**7 332**
Bus drivers	262	49	21	5	4	70	44	24	45	–	6 743	7 216
Taxicab drivers and chauffeurs	135	18	30	27	29	7	21	3	–	–	4 722	...
Truck drivers and deliverymen	4 569	304	336	407	602	584	613	979	624	120	7 084	7 481
Other transport equipment operatives	1 807	127	120	110	172	391	342	338	207	–	6 958	7 173
Laborers, except farm	**7 996**	**1 449**	**1 413**	**805**	**1 093**	**1 333**	**889**	**711**	**272**	**31**	**5 303**	**6 219**
Construction laborers	1 509	215	232	188	320	198	141	140	71	4	5 373	5 891
Freight, stock, and material handlers	2 876	505	463	279	318	539	399	293	59	21	5 601	6 452
Other specified laborers	1 851	515	419	199	191	211	160	67	89	–	3 959	5 536
Miscellaneous and not specified laborers	1 760	214	299	139	264	385	189	211	53	6	5 864	6 393
Occupation:												
Miscellaneous laborers	484	51	49	37	70	129	57	62	23	6	6 271	6 658
Not specified laborers	1 276	163	250	102	194	256	132	149	30	–	5 634	6 248
Industry:												
Manufacturing	982	89	153	80	153	229	125	125	28	–	6 070	6 414
Durable goods	645	62	83	54	73	167	83	100	23	–	6 302	6 600
Wood products, including furniture	28	3	9	5	–	–	11	–	–	–	...	...
Metal industries	463	35	52	34	57	135	60	73	17	–	6 396	6 699
Machinery, including electrical	44	12	6	–	10	6	–	4	6	–	...	...
Transportation equipment	79	12	5	10	6	26	7	13	–	–	...	...
Other durable goods	31	–	11	5	–	–	5	10	–	–	...	...
Nondurable goods	332	22	70	26	80	62	42	25	5	–	5 600	5 900
Food and kindred products	189	–	46	22	29	36	36	15	5	–	5 914	6 105
Not specified manufacturing industries	5	5	–	–	–	–	–	–	–	–	...	–
Nonmanufacturing industries	778	125	146	59	111	156	64	86	25	6	5 532	6 367
Railroads and railway express service	187	6	11	7	14	75	25	33	16	–	6 740	6 847
Transportation, except railroads	58	6	24	–	11	6	6	5	–	–	...	...
Communications, and utilities and sanitary services	66	5	11	18	10	12	5	5	–	–	...	...
Wholesale and retail trade	199	59	74	10	9	7	13	16	5	6	3 095	5 500
All other industries	268	49	26	24	67	56	15	27	4	–	5 522	5 919
Farmers and farm managers	**1 661**	**390**	**288**	**168**	**226**	**104**	**77**	**108**	**152**	**148**	**4 908**	**5 065**
Farm laborers and farm foremen	**822**	**320**	**203**	**119**	**76**	**48**	**5**	**11**	**30**	**10**	**2 897**	**3 966**
Paid farm laborers and farm foremen	774	293	187	114	76	48	5	11	30	10	3 005	4 123
Unpaid family workers	48	27	16	5	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**8 212**	**2 096**	**1 285**	**1 097**	**912**	**746**	**689**	**845**	**470**	**72**	**4 661**	**5 803**
Cleaning service workers	2 545	559	471	505	471	226	141	97	51	24	4 480	5 028
Food service workers	1 768	893	303	103	120	128	88	74	49	10	1 980	5 329
Cooks, except private household	485	155	94	27	55	58	55	29	12	–	3 862	6 133
Busboys and dishwashers	452	365	63	14	4	–	6	–	–	–	1 238	...
Health service workers	153	40	21	38	12	29	9	4	–	–	4 408	4 967
Personal service workers	828	198	97	161	68	73	70	85	48	28	4 739	5 685
Protective service workers	1 929	162	182	183	152	200	308	461	276	5	7 278	7 701
Firemen, fire protection	163	–	10	–	8	29	45	44	27	–	7 767	7 778
Guards and watchmen	747	59	112	80	85	71	69	207	64	–	6 528	7 227
Policemen and detectives	988	91	46	103	59	95	194	210	185	5	7 515	7 921
Private household workers	**59**	**21**	**26**	–	–	–	**5**	**7**	–	–	...	...

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistial Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
HARRISBURG SMSA—Continued												
Negro												
Experienced civilian labor force	5 188	692	979	654	658	828	465	562	263	87	5 409	6 079
Professional, technical, and kindred workers	449	20	29	47	57	43	36	78	99	40	7 792	8 577
Accountants	40	–	–	–	4	6	–	6	24	–	...	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	29	–	–	–	–	–	6	–	14	9	...	...
Engineers	13	–	–	–	5	–	3	–	5	–	...	...
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	5	–	–	–	5	–	–	–	–	–	...	...
Electrical and electronic	–	–	–	–	–	–	–	–	–	–	–	–
Mechanical	–	–	–	–	–	–	–	–	–	–	–	–
Other engineers	8	–	–	–	–	–	3	–	5	–	...	...
Lawyers and judges	12	–	–	–	–	–	–	–	–	12	...	...
Life and physical scientists	9	–	–	–	–	–	–	–	9	–	...	...
Chemists	9	–	–	–	–	–	–	–	9	–	...	...
Physicians, dentists, and related practitioners	19	–	–	–	–	–	–	–	5	14	...	...
Dentists	9	–	–	–	–	–	–	–	5	4	...	...
Pharmacists	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, medical and osteopathic	10	–	–	–	–	–	–	–	–	10	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	5	–	–	–	5	–	–	–	–	–	...	–
Religious workers	34	–	–	5	14	5	5	5	–	–	...	...
Social scientists	13	–	–	–	–	–	–	–	13	–	...	...
Social and recreation workers	5	–	–	–	–	5	–	–	–	–	...	–
Teachers	30	4	8	9	–	–	4	5	–	–	...	...
College and university	9	–	5	4	–	–	–	–	–	–	...	–
Elementary and prekindergarten	4	4	–	–	–	–	–	–	–	–	...	–
Secondary	8	–	3	5	–	–	–	–	–	–	...	...
Engineering and science technicians	63	–	4	11	4	21	–	11	7	5	...	...
Draftsmen and surveyors	48	–	4	7	–	21	–	11	–	5	...	...
Electrical and electronic engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	6	–	–	–	6	–	–	–	–	–	...	...
Other professional, technical, and kindred workers	171	16	17	22	19	6	18	51	22	–	7 306	7 972
Managers and administrators, except farm	164	–	7	17	30	10	30	14	39	17	7 600	7 833
Buyers, purchasing agents, and sales managers	3	–	–	–	–	–	3	–	–	–	...	...
School administrators	7	–	–	–	–	–	–	–	4	3	...	...
Specified managers and administrators, public administration	56	–	–	–	–	–	13	6	23	14	...	...
Other specified managers and administrators	50	–	–	13	15	4	10	8	–	–	...	...
Managers and administrators, n.e.c., salaried	24	–	7	–	5	–	–	–	12	–	...	...
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–
Transportation, communications, and other public utilities	7	–	7	–	–	–	–	–	–	–	...	–
All other industries	17	–	–	–	5	–	–	–	12	–	...	...
Managers and administrators, n.e.c., self-employed	24	–	–	4	10	6	4	–	–	–	...	...
Construction	8	–	–	4	–	–	4	–	–	–	...	...
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	11	–	–	–	5	6	–	–	–	–	...	...
All other industries	5	–	–	–	5	–	–	–	–	–	...	...
Sales workers	79	24	18	12	–	7	10	–	–	8	...	...
Insurance agents, brokers, and underwriters	9	–	–	–	–	–	5	–	–	4	...	...
Real estate agents and brokers	4	–	–	–	–	–	–	–	–	4	...	...
Sales representatives, manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Sales representatives, wholesale trade	4	–	4	–	–	–	–	–	–	–	...	–
Sales clerks, retail trade	31	18	6	–	–	7	–	–	–	–	...	...
Salesmen, retail trade	5	–	–	–	–	–	5	–	–	–	...	...
Salesmen of services and construction	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	26	6	8	12	–	–	–	–	–	–	...	...
Clerical and kindred workers	487	39	93	33	113	78	48	75	5	3	5 695	5 996
Bank tellers and cashiers	15	5	10	–	–	–	–	–	–	–	...	–
Bookkeepers and billing clerks	12	–	–	–	12	–	–	–	–	–	...	...
Mail handlers and postal clerks	93	5	–	3	17	34	9	25	–	–	...	...
Other clerical and kindred workers	367	29	83	30	84	44	39	50	5	3	5 494	5 887
Craftsmen and kindred workers	586	37	92	98	102	75	103	53	21	5	5 647	6 043
Apparel craftsmen and upholsterers	11	–	–	6	–	–	5	–	–	–	...	–
Bakers	7	–	7	–	–	–	–	–	–	–	...	...
Cabinetmakers	–	–	–	–	–	–	–	–	–	–	–	–
Construction craftsmen	125	15	20	3	28	5	17	27	5	5	5 875	...
Carpenters	10	–	–	3	7	–	–	–	–	–	...	...
Excavating, grading, and road machine operators	9	9	–	–	–	–	–	–	–	–	...	–
Electricians	20	–	5	–	4	–	–	11	–	–	...	...
Masons and tile setters	27	6	6	–	–	–	4	6	–	5	...	...
Painters, construction and maintenance, and paperhangers	27	–	9	–	12	–	6	–	–	–	...	...
Plasterers and cement finishers	25	–	–	–	5	5	–	10	5	–	...	...
Plumbers and pipe fitters	7	–	–	–	–	–	7	–	–	–	...	–
Other construction craftsmen	–	–	–	–	–	–	–	–	–	–	–	–
Foremen, n.e.c.	72	4	–	21	–	–	19	16	12	–	...	...
Manufacturing	12	–	–	–	–	–	6	–	6	–	...	...
Nonmanufacturing industries	60	4	–	21	–	–	13	16	6	–	...	...
Linemen and servicemen, telephone and power	10	–	10	–	–	–	–	–	–	–	...	–
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	128	–	10	13	34	26	31	10	4	–	6 269	6 538
Air conditioning, heating, and refrigeration	–	–	–	–	–	–	–	–	–	–	–	–
Aircraft	9	–	–	–	–	–	9	–	–	–	...	...
Automobile, including body	70	–	3	9	20	21	12	5	–	–	...	...
Radio and television	10	–	–	–	5	–	5	–	–	–	...	...
Other mechanics and repairmen	39	–	7	4	9	5	5	5	4	–	...	...
Metal craftsmen, except mechanics	49	–	–	7	17	20	5	–	–	–	...	...
Machinists and job and die setters	28	–	–	7	9	7	5	–	–	–	...	...
Sheetmetal workers and tinsmiths	–	–	–	–	–	–	–	–	–	–	–	–
Tool and die makers	–	–	–	–	–	–	–	–	–	–	–	–
Other metal craftsmen	21	–	–	–	8	13	–	–	–	–	...	...
Printing craftsmen	21	–	5	10	6	–	–	–	–	–	...	...
Compositors and typesetters	–	–	–	–	–	–	–	–	–	–	–	–
Pressmen and plate printers, printing	21	–	5	10	6	–	–	–	–	–	...	...
Stationary engineers and power station operators	4	–	–	–	–	4	–	–	–	–	...	...
Other craftsmen and kindred workers	159	18	40	38	17	20	26	–	–	–	4 566	5 118

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

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

HARRISBURG SMSA—Continued

Negro—Continued

Experienced civilian labor force—Continued

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
Operatives, except transport	**785**	**106**	**104**	**37**	**60**	**211**	**115**	**126**	**26**	–	**6 405**	**6 802**
Assemblers	56	19	11	10	4	6	–	–	6	–	...	...
Checkers, examiners, and inspectors; manufacturing	48	–	–	–	–	24	12	6	6	–	...	...
Garage workers and gas station attendants	–	–	–	–	–	–	–	–	–	–	–	–
Laundry and drycleaning operatives, n.e.c	43	17	15	–	5	–	6	–	–	–	...	...
Meat cutters and butchers	–	–	–	–	–	–	–	–	–	–	–	–
Mine operatives, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	59	–	5	6	–	33	5	10	–	–	...	...
Painters, manufactured articles	10	–	4	–	–	6	–	–	–	–	...	...
Precision machine operatives	23	–	–	–	6	5	9	3	–	–	...	...
Sawyers	–	–	–	–	–	–	–	–	–	–	–	–
Stationary firemen	16	–	–	–	4	12	–	–	–	–	...	...
Textile operatives	10	8	–	2	–	–	–	–	–	–	...	...
Welders and flamecutters	36	–	–	–	6	8	17	5	–	–	...	...
Other metalworking operatives	57	–	–	–	11	5	15	26	–	–	...	...
Other specified operatives	274	35	60	15	12	88	17	47	–	–	6 170	6 625
Miscellaneous and not specified operatives	153	27	9	4	12	24	34	29	14	–	7 015	7 146
Occupation:												
Machine operatives, miscellaneous specified	31	–	–	4	–	11	5	11	–	–	...	...
Machine operatives, not specified	32	–	5	–	6	7	4	10	–	–	...	...
Miscellaneous operatives	43	24	4	–	6	–	–	–	9	–	...	...
Not specified operatives	47	3	–	–	–	6	25	8	5	–	...	...
Industry:												
Manufacturing	135	27	9	4	6	17	29	29	14	–	7 155	...
Durable goods	106	8	5	4	6	11	29	29	14	–	7 655	...
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Primary metal industries	73	3	5	–	–	11	25	20	9	–	...	...
Fabricated metal industries	10	–	–	–	–	–	–	5	5	–	...	...
Machinery, including electrical	4	–	–	–	–	–	4	–	–	–	...	...
Motor vehicles and equipment	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	19	5	–	4	6	–	–	4	–	–	...	...
Other durable goods	–	–	–	–	–	–	–	–	–	–	–	–
Nondurable goods	18	12	–	–	–	6	–	–	–	–	...	...
Food and kindred products	7	7	–	–	–	–	–	–	–	–	...	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	–	–	–	–	–	–	–	–	–	–	–	–
Chemicals and allied products	–	–	–	–	–	–	–	–	–	–	–	–
Other nondurable goods	11	5	–	–	–	6	–	–	–	–	...	...
Not specified manufacturing industries	11	7	4	–	–	–	–	–	–	–	...	...
Nonmanufacturing industries	18	–	–	–	6	7	5	–	–	–	...	...
Transportation, communications, and other public utilities	5	–	–	–	–	–	5	–	–	–	...	–
Wholesale and retail trade	6	–	–	–	6	–	–	–	–	–	...	...
All other industries	7	–	–	–	–	7	–	–	–	–	...	–
Transport equipment operatives	**494**	**49**	**68**	**87**	**55**	**125**	**40**	**46**	**20**	**4**	**5 782**	**6 091**
Bus drivers	24	–	–	–	–	17	–	–	7	–	...	...
Taxicab drivers and chauffeurs	16	–	16	–	–	–	–	–	–	–	...	...
Truck drivers and deliverymen	211	10	20	75	30	31	19	9	13	4	5 017	5 180
Other transport equipment operatives	243	39	32	12	25	77	21	37	–	–	6 175	6 338
Laborers, except farm	**1 074**	**130**	**267**	**146**	**118**	**188**	**65**	**106**	**48**	**6**	**4 959**	**5 860**
Construction laborers	153	10	36	19	26	42	6	14	–	–	5 442	...
Freight, stock, and material handlers	275	29	43	36	13	86	31	26	5	6	6 192	6 506
Other specified laborers	428	66	129	61	58	42	13	35	24	–	4 311	5 155
Miscellaneous and not specified laborers	218	25	59	30	21	18	15	31	19	–	4 833	6 500
Occupation:												
Miscellaneous laborers	64	–	–	9	10	7	10	14	14	–	...	...
Not specified laborers	154	25	59	21	11	11	5	17	5	–	3 763	...
Industry:												
Manufacturing	99	11	30	11	5	10	11	7	14	–	...	...
Durable goods	89	11	30	11	–	10	11	7	9	–	...	...
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Metal industries	74	6	25	6	–	10	11	7	9	–	...	...
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment	15	5	5	5	–	–	–	–	–	–	...	...
Other durable goods	–	–	–	–	–	–	–	–	–	–	–	–
Nondurable goods	10	–	–	–	5	–	–	–	5	–	...	...
Food and kindred products	5	–	–	–	–	–	–	–	5	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	119	14	29	19	16	8	4	24	5	–	4 868	...
Railroads and railway express service	12	–	–	–	5	–	4	3	–	–	...	...
Transportation, except railroads	7	–	7	–	–	–	–	–	–	–	...	–
Communications, and utilities and sanitary services	18	–	4	14	–	–	–	–	–	–	...	...
Wholesale and retail trade	27	6	12	–	–	–	–	4	5	–	...	...
All other industries	55	8	6	5	11	8	–	17	–	–	...	...
Farmers and farm managers	**59**	**48**	**11**	–	–	–	–	–	–	–	...	...
Farm laborers and farm foremen	**23**	**11**	**9**	–	**3**	–	–	–	–	–	...	...
Paid farm laborers and farm foremen	23	11	9	–	3	–	–	–	–	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**967**	**220**	**275**	**177**	**120**	**91**	**18**	**57**	**5**	**4**	**3 916**	**4 588**
Cleaning service workers	393	65	114	102	81	13	4	5	5	4	4 172	4 529
Food service workers	129	66	30	10	6	13	4	–	–	–	1 955	...
Cooks, except private household	36	–	13	5	6	8	4	–	–	–	...	...
Busboys and dishwashers	38	33	–	5	–	–	–	–	–	–	...	...
Health service workers	29	7	–	19	3	–	–	–	–	–	...	...
Personal service workers	31	–	13	–	9	9	–	–	–	–	...	...
Protective service workers	166	59	13	24	9	41	–	20	–	–	4 458	...
Firemen, fire protection	5	–	–	–	–	5	–	–	–	–	...	...
Guards and watchmen	45	–	7	10	5	16	–	7	–	–	...	...
Policemen and detectives	116	59	6	14	4	20	–	13	–	–	1 966	...
Private household workers	**21**	**8**	**6**	–	–	–	–	7	–	–	...	...

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistial Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
JOHNSTOWN SMSA												
Total												
Experienced civilian labor force	**58 942**	**5 831**	**6 081**	**4 429**	**5 694**	**6 377**	**7 611**	**11 958**	**8 067**	**2 894**	**7 139**	**7 716**
Professional, technical, and kindred workers	**4 965**	**262**	**382**	**159**	**314**	**482**	**527**	**1 017**	**1 148**	**674**	**8 701**	**9 247**
Accountants	344	–	25	21	10	14	43	88	106	37	9 341	9 466
Architects	6	–	–	–	–	–	–	–	–	6	...	...
Computer specialists	92	5	6	5	5	16	21	13	21	–	...	...
Engineers	718	33	5	19	20	33	62	123	305	118	11 049	11 484
Aeronautical and astronautical	6	–	–	6	–	–	–	–	–	–	...	...
Civil	106	16	–	6	–	–	21	4	43	16	10 698	...
Electrical and electronic	171	3	–	–	–	14	13	54	67	20	10 112	10 672
Mechanical	88	5	–	3	5	–	–	20	33	22	...	...
Other engineers	347	9	5	4	15	19	28	45	162	60	11 497	11 643
Lawyers and judges	134	–	–	3	6	–	–	18	28	79	15000+	15000+
Life and physical scientists	48	–	–	–	–	–	–	21	18	9	...	...
Chemists	41	–	–	–	–	–	–	14	18	9	...	...
Physicians, dentists, and related practitioners	475	30	10	9	22	11	6	49	59	279	15000+	15000+
Dentists	118	10	–	3	11	–	–	22	6	66	15000+	...
Pharmacists	63	9	6	–	–	–	6	16	13	13	...	...
Physicians, medical and osteopathic	232	11	4	6	5	–	–	6	31	169	15000+	15000+
Other related practitioners	62	–	–	–	6	11	–	5	9	31	...	...
Health technologists and technicians	44	7	12	4	6	4	–	5	–	6	...	...
Religious workers	353	37	105	13	31	77	36	10	37	7	5 694	6 117
Social scientists	37	–	–	–	7	–	6	5	19	–	...	...
Social and recreation workers	100	9	11	–	–	11	14	42	13	–	...	...
Teachers	1 319	54	108	18	73	176	154	380	316	40	8 403	9 307
College and university	117	11	15	–	–	–	16	16	43	16	10 058	...
Elementary and prekindergarten	254	25	39	–	16	58	29	41	32	14	6 810	...
Secondary	898	13	54	12	57	118	104	300	230	10	8 607	9 328
Engineering and science technicians	611	38	50	29	50	74	103	157	85	25	7 626	8 151
Draftsmen and surveyors	441	22	38	22	36	65	68	111	54	25	7 551	8 104
Electrical and electronic engineering technicians	52	–	7	–	–	4	10	6	25	–	...	...
Technicians, except health, and engineering and science	60	–	–	5	14	10	11	–	15	5	...	...
Airplane pilots	20	–	–	–	10	5	5	–	–	–	...	...
Writers, artists, and entertainers	234	25	26	10	35	20	21	37	31	29	7 048	7 452
Other professional, technical, and kindred workers	390	24	24	23	35	36	50	69	95	34	8 087	8 375
Managers and administrators, except farm	**4 355**	**206**	**257**	**192**	**265**	**348**	**479**	**616**	**1 031**	**961**	**9 398**	**9 686**
Buyers, purchasing agents, and sales managers	508	28	24	16	31	72	73	68	98	98	8 294	8 915
School administrators	204	–	4	–	–	5	10	11	98	76	13 673	14 179
Specified managers and administrators, public administration	362	16	11	56	10	17	39	101	85	27	8 634	8 861
Other specified managers and administrators	782	35	58	48	74	60	113	138	127	129	8 043	8 419
Managers and administrators, n.e.c., salaried	1 592	25	58	19	102	139	153	219	472	405	10 858	11 184
Manufacturing	280	–	–	–	4	9	17	37	133	80	12 744	12 650
Wholesale and retail trade	655	5	37	14	57	75	66	122	125	154	9 205	9 402
Transportation, communications, and other public utilities	183	6	5	–	12	–	–	37	85	38	11 853	12 294
All other industries	474	14	16	5	29	55	70	23	129	133	10 969	11 549
Managers and administrators, n.e.c., self-employed	907	102	102	53	48	55	91	79	151	226	8 063	8 159
Construction	136	18	9	–	5	5	17	9	32	41	10 781	...
Manufacturing	49	–	10	–	7	–	3	6	–	23	...	...
Wholesale and retail trade	570	79	68	27	26	42	71	48	83	126	7 606	7 631
All other industries	152	5	15	26	10	8	–	16	36	36	9 500	9 375
Sales workers	**3 186**	**486**	**235**	**204**	**346**	**330**	**426**	**426**	**481**	**252**	**6 976**	**7 413**
Insurance agents, brokers, and underwriters	485	14	11	14	36	54	70	76	133	77	9 145	9 716
Real estate agents and brokers	43	6	–	–	11	4	–	5	10	7	...	...
Sales representatives, manufacturing industries	210	5	7	–	5	21	43	38	26	65	9 263	9 813
Sales representatives, wholesale trade	438	16	4	31	67	61	71	61	85	42	7 563	7 711
Sales clerks, retail trade	872	171	151	99	94	99	76	84	94	4	5 160	6 106
Salesmen, retail trade	525	65	43	50	89	39	84	49	83	23	6 397	6 872
Salesmen of services and construction	153	16	–	–	5	23	47	49	13	–	7 691	7 798
Other sales workers	460	193	19	10	39	29	35	64	37	34	5 205	5 672
Clerical and kindred workers	**3 563**	**270**	**329**	**212**	**355**	**433**	**643**	**833**	**430**	**58**	**7 284**	**7 660**
Bank tellers and cashiers	155	54	19	20	20	29	10	–	3	–	4 225	...
Bookkeepers and billing clerks	438	25	53	23	32	36	52	139	54	24	7 962	8 233
Mail handlers and postal clerks	528	–	4	5	41	48	213	172	40	5	7 779	7 833
Other clerical and kindred workers	2 442	191	253	164	262	320	368	522	333	29	7 084	7 574
Craftsmen and kindred workers	**15 177**	**684**	**1 149**	**924**	**1 326**	**1 544**	**1 979**	**4 034**	**2 974**	**563**	**7 991**	**8 474**
Apparel craftsmen and upholsterers	51	–	10	11	5	10	10	–	5	–	...	...
Bakers	102	10	9	13	14	17	6	14	15	4	6 294	...
Cabinetmakers	40	5	10	9	–	3	4	–	5	4	...	...
Construction craftsmen	4 130	275	427	303	388	528	449	925	673	162	7 321	8 282
Carpenters	1 240	105	177	104	139	164	126	208	196	21	6 579	7 576
Excavating, grading, and road machine operators	689	36	60	37	70	142	88	147	87	22	6 996	7 486
Electricians	725	43	43	35	78	50	62	230	151	33	8 448	8 955
Masons and tile setters	375	16	29	20	25	30	38	106	111	–	8 557	9 828
Painters, construction and maintenance, and paperhangers	184	11	34	46	25	40	5	15	8	–	5 040	5 571
Plasterers and cement finishers	229	4	24	26	18	39	21	54	37	6	7 167	...
Plumbers and pipe fitters	434	54	36	16	28	41	59	97	47	56	7 712	8 365
Other construction craftsmen	254	6	24	19	5	22	50	68	36	24	8 029	8 808
Foremen, n.e.c.	1 905	31	32	29	66	99	213	334	875	226	10 849	11 160
Manufacturing	965	11	5	9	31	53	91	149	479	137	11 394	11 546
Nonmanufacturing industries	940	20	27	20	35	46	122	185	396	89	10 189	10 652
Linemen and servicemen, telephone and power	461	4	20	43	7	32	85	142	123	5	8 556	8 802
Locomotive engineers and firemen	320	–	–	–	6	9	10	121	162	12	10 432	10 313
Mechanics and repairmen	3 322	229	371	293	428	363	443	702	424	69	6 937	7 360
Air conditioning, heating, and refrigeration	119	12	14	4	11	19	30	14	15	–	6 974	...
Aircraft	22	4	–	–	–	4	–	–	14	–	...	...
Automobile, including body	1 253	126	229	223	195	120	123	152	54	31	5 249	5 686
Radio and television	125	18	34	4	22	11	16	14	6	–	5 295	...
Other mechanics and repairmen	1 803	69	94	62	200	209	274	522	335	38	7 976	8 292
Metal craftsmen, except mechanics	1 585	12	38	56	134	125	246	673	292	9	8 539	8 727
Machinists and job and die setters	387	4	15	16	58	11	96	116	71	–	7 932	8 405
Sheetmetal workers and tinsmiths	65	4	–	–	17	17	12	11	4	–	...	...
Tool and die makers	73	–	–	5	–	10	10	37	11	–	...	...
Other metal craftsmen	1 060	4	23	35	59	87	128	509	206	9	8 762	8 886
Printing craftsmen	212	6	24	10	6	31	31	82	17	5	7 935	8 390
Compositors and typesetters	87	–	16	10	–	16	4	41	–	–	...	...
Pressmen and plate printers, printing	107	6	8	–	–	15	27	38	8	5	7 907	...
Stationary engineers and power station operators	281	–	16	–	21	22	62	90	66	4	8 433	8 544
Other craftsmen and kindred workers	2 768	112	192	157	251	305	420	951	317	63	7 874	8 219

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

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

JOHNSTOWN SMSA—Continued

Total—Continued

Experienced civilian labor force—Continued

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
Operatives, except transport	**11 434**	**1 059**	**1 174**	**917**	**1 099**	**1 332**	**1 745**	**2 918**	**1 120**	**70**	**7 078**	**7 691**
Assemblers	526	81	86	82	97	66	34	74	6	–	5 144	5 795
Checkers, examiners, and inspectors; manufacturing	322	6	33	19	30	50	59	92	25	8	7 390	7 941
Garage workers and gas station attendants	481	252	64	36	56	13	18	27	10	5	1 909	5 393
Laundry and drycleaning operatives, n.e.c	52	10	17	6	5	3	5	–	6	–	...	...
Meat cutters and butchers	343	66	47	70	24	39	30	53	9	5	4 836	5 550
Mine operatives, n.e.c	2 053	70	170	108	125	162	305	804	285	24	8 215	8 611
Packers and wrappers, except produce	172	78	37	20	11	9	13	4	–	–	2 432	...
Painters, manufactured articles	169	15	23	16	13	32	31	27	12	–	6 547	7 152
Precision machine operatives	754	24	82	45	87	74	124	215	103	–	7 524	8 133
Sawyers	229	15	89	51	33	12	6	11	12	–	4 206	4 370
Stationary firemen	182	6	30	29	37	31	23	15	11	–	5 703	5 649
Textile operatives	24	–	–	5	6	13	–	–	–	–	...	...
Welders and flamecutters	1 326	48	63	71	119	211	240	423	147	4	7 629	7 917
Other metalworking operatives	728	26	79	23	61	60	103	203	163	10	8 118	8 556
Other specified operatives	1 326	156	161	140	140	134	174	359	62	–	6 493	7 409
Miscellaneous and not specified operatives	2 747	206	193	196	255	423	580	611	269	14	7 173	7 637
Occupation:												
Machine operatives, miscellaneous specified	735	73	80	68	71	81	150	125	78	9	6 932	7 474
Machine operatives, not specified	347	16	51	29	32	50	58	83	28	–	6 910	7 581
Miscellaneous operatives	887	54	41	69	78	168	224	173	75	5	7 150	7 429
Not specified operatives	778	63	21	30	74	124	148	230	88	–	7 520	8 182
Industry:												
Manufacturing	2 402	158	170	150	196	355	522	589	248	14	7 330	7 827
Durable goods	2 084	115	87	114	169	314	503	547	225	10	7 483	7 899
Wood products, including furniture	74	41	11	11	–	–	5	–	6	–	...	...
Primary metal industries	1 666	62	44	75	124	269	408	481	198	5	7 635	8 102
Fabricated metal industries	81	8	10	9	9	8	11	16	10	–	...	...
Machinery, including electrical	55	–	–	8	13	9	20	–	–	5	...	...
Motor vehicles and equipment	25	4	–	11	6	4	–	–	–	–	...	...
Transportation equipment, except motor vehicles	31	–	6	–	–	–	16	9	–	–	...	...
Other durable goods	152	–	16	–	17	24	43	41	11	–	7 442	7 592
Nondurable goods	318	43	83	36	27	41	19	42	23	4	4 917	6 613
Food and kindred products	140	17	47	11	18	20	9	12	6	–	4 545	...
Apparel and other fabricated textile products	48	12	7	16	4	–	–	5	–	4	...	...
Paper and allied products	4	–	4	–	–	–	–	–	–	–	...	–
Chemicals and allied products	10	–	–	–	–	6	–	–	4	–	...	...
Other nondurable goods	116	14	25	9	5	15	10	25	13	–	6 333	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	345	48	23	46	59	68	58	22	21	–	5 941	6 359
Transportation, communications, and other public utilities	98	3	–	21	19	26	13	11	5	–	...	...
Wholesale and retail trade	145	36	5	9	22	37	32	4	–	–	6 014	6 351
All other industries	102	9	18	16	18	5	13	7	16	–	5 444	...
Transport equipment operatives	**4 418**	**408**	**461**	**416**	**441**	**529**	**607**	**959**	**493**	**104**	**6 913**	**7 363**
Bus drivers	189	54	24	33	12	27	21	18	–	–	4 500	6 019
Taxicab drivers and chauffeurs	72	14	–	11	7	13	7	14	6	–	...	...
Truck drivers and deliverymen	3 249	277	403	288	354	394	421	627	394	91	6 768	7 221
Other transport equipment operatives	908	63	34	84	68	95	158	300	93	13	7 696	8 070
Laborers, except farm	**6 230**	**1 107**	**892**	**558**	**802**	**918**	**914**	**811**	**178**	**50**	**5 696**	**6 698**
Construction laborers	1 325	175	251	168	213	167	133	141	47	30	5 322	6 171
Freight, stock, and material handlers	1 693	400	258	125	163	188	237	253	56	13	5 390	6 817
Other specified laborers	831	266	170	77	83	90	57	52	36	–	3 759	5 415
Miscellaneous and not specified laborers	2 381	266	213	188	343	473	487	365	39	7	6 382	7 055
Occupation:												
Miscellaneous laborers	1 244	105	64	88	151	252	334	223	20	7	6 849	7 351
Not specified laborers	1 137	161	149	100	192	221	153	142	19	–	5 826	6 548
Industry:												
Manufacturing	1 734	164	164	119	228	367	398	269	25	–	6 523	7 159
Durable goods	1 641	132	148	119	218	352	391	256	25	–	6 578	7 204
Wood products, including furniture	53	13	10	4	9	7	–	6	4	–	...	...
Metal industries	1 403	100	116	87	197	304	352	226	21	–	6 663	7 282
Machinery, including electrical	30	–	–	–	6	5	9	10	–	–	...	...
Transportation equipment	87	14	16	16	–	16	25	–	–	–	...	...
Other durable goods	68	5	6	12	6	20	5	14	–	–	...	...
Nondurable goods	88	32	16	–	5	15	7	13	–	–	...	...
Food and kindred products	31	16	10	–	–	–	–	5	–	–	...	...
Not specified manufacturing industries	5	–	–	–	5	–	–	–	–	–	...	...
Nonmanufacturing industries	647	102	49	69	115	106	89	96	14	7	5 900	6 685
Railroads and railway express service	324	33	15	27	51	74	57	61	6	–	6 486	7 096
Transportation, except railroads	15	–	–	–	10	–	–	5	–	–	...	...
Communications, and utilities and sanitary services	71	15	19	–	7	8	11	4	–	7	...	...
Wholesale and retail trade	107	29	7	9	37	18	7	–	–	–	5 230	...
All other industries	130	25	8	33	10	6	14	26	8	–	4 970	...
Farmers and farm managers	**1 047**	**220**	**240**	**67**	**95**	**55**	**28**	**106**	**111**	**125**	**4 948**	**5 284**
Farm laborers and farm foremen	**632**	**283**	**198**	**69**	**52**	**–**	**20**	**10**	**–**	**–**	**2 333**	**3 112**
Paid farm laborers and farm foremen	617	273	193	69	52	–	20	10	–	–	2 368	3 145
Unpaid family workers	15	10	5	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**3 932**	**846**	**761**	**711**	**599**	**406**	**243**	**228**	**101**	**37**	**4 505**	**5 077**
Cleaning service workers	1 660	406	331	341	236	183	56	68	28	11	4 273	4 689
Food service workers	743	219	220	91	65	50	49	17	20	12	3 386	4 219
Cooks, except private household	125	44	15	22	11	10	10	7	–	6	4 159	...
Busboys and dishwashers	119	76	27	6	10	–	–	–	–	–	1 566	...
Health service workers	214	36	46	58	64	10	–	–	–	–	4 431	4 924
Personal service workers	496	100	79	112	97	48	20	20	6	14	4 616	5 150
Protective service workers	633	44	68	85	117	84	113	96	26	–	6 030	6 716
Firemen, fire protection	117	–	–	6	27	27	34	23	–	–	6 944	6 870
Guards and watchmen	256	36	37	64	47	–	47	15	10	–	4 859	5 547
Policemen and detectives	240	8	16	10	43	57	32	58	16	–	6 754	7 344
Private household workers	**3**	**–**	**3**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**...**	**–**

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
LANCASTER SMSA												
Total												
Experienced civilian labor force	**84 454**	**8 805**	**7 155**	**5 155**	**8 462**	**9 592**	**10 361**	**15 410**	**13 475**	**6 039**	**7 295**	**7 816**
Professional, technical, and kindred workers	**9 526**	**539**	**504**	**212**	**464**	**790**	**815**	**1 827**	**2 715**	**1 660**	**9 575**	**10 170**
Accountants	682	15	35	18	22	57	59	108	266	102	10 508	11 326
Architects	29	–	–	5	5	–	5	–	5	9	...	...
Computer specialists	247	31	12	14	16	14	34	69	39	18	8 072	8 493
Engineers	1 473	28	15	13	52	32	59	202	712	360	12 356	12 523
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	98	–	–	–	7	–	–	11	42	38	...	...
Electrical and electronic	364	4	5	5	14	5	4	20	162	145	13 858	14 161
Mechanical	262	–	–	–	10	8	5	39	153	47	12 255	12 050
Other engineers	749	24	10	8	21	19	50	132	355	130	11 556	11 855
Lawyers and judges	152	6	–	–	10	–	6	5	38	87	15000+	15000+
Life and physical scientists	282	–	16	–	18	–	11	31	131	75	12 481	12 740
Chemists	215	–	10	–	18	–	5	27	113	42	12 102	12 477
Physicians, dentists, and related practitioners	657	20	13	4	15	–	5	30	90	480	15000+	15000+
Dentists	178	–	4	–	–	–	–	5	41	128	15000+	...
Pharmacists	79	10	5	–	10	–	–	5	29	20	...	...
Physicians, medical and osteopathic	333	5	–	4	–	–	5	16	15	288	15000+	15000+
Other related practitioners	67	5	4	–	5	–	–	4	5	44	...	...
Health technologists and technicians	82	17	15	–	4	20	7	5	5	9	...	...
Religious workers	439	44	58	10	40	77	55	83	40	32	6 877	7 022
Social scientists	98	13	11	6	–	5	5	14	24	20	...	...
Social and recreation workers	161	34	23	6	6	34	10	38	5	5	6 338	...
Teachers	2 149	157	130	56	48	206	218	561	614	159	8 925	9 464
College and university	610	51	19	14	20	8	38	96	234	130	11 261	12 077
Elementary and prekindergarten	405	23	27	23	5	66	70	116	61	14	7 836	8 159
Secondary	1 055	58	60	16	23	132	110	335	306	15	8 767	9 148
Engineering and science technicians	1 288	58	78	34	138	206	223	285	210	56	7 583	7 897
Draftsmen and surveyors	491	18	51	14	40	55	82	98	108	25	7 823	8 304
Electrical and electronic engineering technicians	330	19	15	–	10	57	56	87	72	14	8 184	8 305
Technicians, except health, and engineering and science	78	11	–	4	–	5	14	21	14	9	...	...
Airplane pilots	21	–	–	–	–	–	–	16	–	5	...	...
Writers, artists, and entertainers	661	55	58	28	44	44	47	159	172	54	8 686	9 156
Other professional, technical, and kindred workers	1 048	50	40	14	46	90	57	216	350	185	10 157	10 774
Managers and administrators, except farm	**7 400**	**233**	**274**	**190**	**321**	**456**	**649**	**1 129**	**2 090**	**2 058**	**11 072**	**11 425**
Buyers, purchasing agents, and sales managers	1 038	6	54	10	52	87	93	190	284	262	10 475	10 799
School administrators	242	5	4	–	6	–	4	5	111	107	14 369	14 548
Specified managers and administrators, public administration	295	–	–	–	6	33	34	113	94	15	9 319	9 266
Other specified managers and administrators	1 054	68	40	25	50	68	156	196	291	160	9 224	9 695
Managers and administrators, n.e.c., salaried	3 650	99	91	101	126	181	271	530	1 069	1 182	11 993	12 321
Manufacturing	1 353	18	7	36	6	33	92	166	425	570	13 747	13 828
Wholesale and retail trade	1 130	27	46	46	90	112	117	176	231	285	9 443	9 649
Transportation, communications, and other public utilities	198	16	5	–	–	10	5	47	73	42	11 096	11 678
All other industries	969	38	33	19	30	26	57	141	340	285	12 066	12 618
Managers and administrators, n.e.c., self-employed	1 121	55	85	54	81	87	91	95	241	332	10 259	10 512
Construction	174	5	5	3	–	26	5	16	49	65	12 755	13 688
Manufacturing	129	5	8	15	9	18	4	10	25	35	9 100	6 972
Wholesale and retail trade	584	35	38	36	57	32	53	59	110	164	9 390	9 475
All other industries	234	10	34	–	15	11	29	10	57	68	10 702	10 889
Sales workers	**5 111**	**572**	**328**	**243**	**376**	**464**	**584**	**806**	**1 027**	**711**	**7 980**	**8 588**
Insurance agents, brokers, and underwriters	549	16	19	10	26	32	67	102	166	111	10 075	9 879
Real estate agents and brokers	199	11	9	7	–	18	14	18	64	58	11 758	11 727
Sales representatives, manufacturing industries	609	24	5	15	15	62	48	117	162	161	10 571	10 997
Sales representatives, wholesale trade	892	13	23	40	77	78	136	166	227	132	8 952	9 158
Sales clerks, retail trade	1 482	335	189	94	151	171	118	172	154	98	5 815	6 779
Salesmen, retail trade	769	47	34	51	74	73	152	107	155	76	7 694	7 815
Salesmen of services and construction	141	–	13	3	13	5	10	41	51	5	9 293	9 610
Other sales workers	470	126	36	23	20	25	39	83	48	70	7 128	8 084
Clerical and kindred workers	**5 377**	**606**	**406**	**297**	**571**	**777**	**757**	**1 139**	**627**	**197**	**7 042**	**7 531**
Bank tellers and cashiers	311	137	31	22	33	40	25	19	4	–	3 194	5 893
Bookkeepers and billing clerks	507	30	38	19	41	58	47	97	137	40	8 423	8 805
Mail handlers and postal clerks	628	33	29	–	16	67	116	289	65	13	8 367	8 460
Other clerical and kindred workers	3 931	406	308	256	481	612	569	734	421	144	6 841	7 303
Craftsmen and kindred workers	**20 460**	**1 075**	**1 237**	**882**	**1 961**	**2 515**	**3 132**	**5 069**	**4 031**	**558**	**7 817**	**8 179**
Apparel craftsmen and upholsterers	204	10	18	17	38	26	44	28	17	6	6 731	7 085
Bakers	104	20	9	9	5	18	14	10	15	4	6 500	...
Cabinetmakers	238	29	5	–	53	12	63	56	20	–	7 317	7 538
Construction craftsmen	6 137	414	486	357	569	750	889	1 432	1 019	221	7 554	8 087
Carpenters	2 161	150	149	143	202	264	334	529	313	77	7 516	7 902
Excavating, grading, and road machine operators	448	27	21	12	63	48	95	97	59	26	7 558	7 893
Electricians	863	26	43	8	50	86	146	228	239	37	8 636	8 938
Masons and tile setters	677	28	72	33	50	101	87	207	94	5	7 626	8 429
Painters, construction and maintenance, and paperhangers	705	94	110	75	115	76	65	77	66	27	5 639	6 979
Plasterers and cement finishers	343	39	23	24	32	43	29	95	46	12	7 362	7 975
Plumbers and pipe fitters	712	36	27	54	33	99	115	162	154	32	7 930	8 224
Other construction craftsmen	228	14	41	8	24	33	18	37	48	5	6 818	8 286
Foremen, n.e.c	2 958	10	32	44	128	192	407	822	1 155	168	9 620	9 691
Manufacturing	2 179	10	16	31	82	140	263	689	849	99	9 589	9 643
Nonmanufacturing industries	779	–	16	13	46	52	144	133	306	69	9 782	9 932
Linemen and servicemen, telephone and power	435	14	16	–	35	42	40	99	176	13	9 424	9 747
Locomotive engineers and firemen	48	–	5	–	16	–	–	4	18	5	...	...
Mechanics and repairmen	4 406	257	341	225	502	730	773	1 023	510	45	7 191	7 465
Air conditioning, heating, and refrigeration	261	11	9	18	25	22	64	75	33	4	7 711	7 766
Aircraft	56	–	–	–	4	4	19	29	–	–	...	...
Automobile, including body	1 879	118	166	119	230	370	333	328	189	26	6 828	7 127
Radio and television	163	24	10	9	32	9	31	23	25	–	6 722	7 214
Other mechanics and repairmen	2 047	104	156	79	211	325	326	568	263	15	7 456	7 711
Metal craftsmen, except mechanics	2 758	121	82	108	241	328	460	891	510	17	8 088	8 262
Machinists and job and die setters	990	40	27	20	77	143	205	302	168	8	7 917	8 102
Sheetmetal workers and tinsmiths	260	9	12	13	28	33	42	68	55	–	7 833	8 131
Tool and die makers	581	16	13	14	31	53	81	237	132	4	8 696	8 798
Other metal craftsmen	927	56	30	61	105	99	132	284	155	5	7 852	7 992
Printing craftsmen	916	38	61	20	67	80	139	222	285	4	8 477	8 673
Compositors and typesetters	325	14	15	5	21	37	41	79	113	–	8 747	8 886
Pressmen and plate printers, printing	476	6	38	15	41	38	83	119	136	–	8 286	8 465
Stationary engineers and power station operators	297	4	19	4	30	40	29	92	62	17	8 489	8 543
Other craftsmen and kindred workers	1 959	158	163	98	277	297	274	390	244	58	6 955	7 314

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
LANCASTER SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	13 971	1 199	1 430	1 158	1 866	2 170	2 115	2 846	1 031	156	6 614	7 174
Assemblers	993	24	113	68	168	162	176	208	63	11	6 762	7 162
Checkers, examiners, and inspectors; manufacturing	1 099	30	54	89	179	175	208	290	69	5	7 108	7 442
Garage workers and gas station attendants	550	185	102	61	38	64	51	25	13	11	3 765	5 974
Laundry and drycleaning operatives, n.e.c	61	16	9	14	4	8	10	–	–	–	...	...
Meat cutters and butchers	405	45	24	15	33	91	62	94	32	9	6 940	7 323
Mine operatives, n.e.c	173	9	15	9	16	26	19	63	16	–	7 605	8 431
Packers and wrappers, except produce	535	107	90	44	43	75	80	92	4	–	5 616	6 729
Painters, manufactured articles	210	17	31	16	25	49	15	35	22	–	6 327	6 510
Precision machine operatives	1 099	24	84	68	157	135	182	281	168	–	7 448	7 767
Sawyers	123	5	24	12	16	19	12	35	–	–	6 237	6 763
Stationary firemen	139	9	5	4	8	27	11	60	15	–	8 183	8 345
Textile operatives	348	60	39	26	71	41	61	39	4	7	5 690	6 569
Welders and flamecutters	955	67	61	85	103	148	133	197	133	28	7 102	7 721
Other metalworking operatives	958	60	85	90	124	185	140	200	60	14	6 649	7 018
Other specified operatives	2 099	189	246	180	303	354	262	371	142	52	6 371	6 820
Miscellaneous and not specified operatives	4 224	352	448	377	578	611	693	856	290	19	6 584	7 209
Occupation:												
Machine operatives, miscellaneous specified	2 129	126	217	173	321	346	335	446	160	5	6 658	7 302
Machine operatives, not specified	616	31	39	39	56	89	148	182	32	–	7 365	7 592
Miscellaneous operatives	953	148	125	111	162	105	121	138	29	14	5 571	6 297
Not specified operatives	526	47	67	54	39	71	89	90	69	–	6 789	7 310
Industry:												
Manufacturing	3 837	261	397	339	523	559	641	833	265	19	6 713	7 280
Durable goods	2 565	128	245	133	330	353	450	685	227	14	7 208	7 593
Wood products, including furniture	142	16	28	23	32	16	9	15	3	–	5 125	5 641
Primary metal industries	384	22	50	14	47	41	57	83	66	4	7 316	8 060
Fabricated metal industries	304	11	32	25	62	38	51	62	23	–	6 579	7 402
Machinery, including electrical	600	32	27	46	86	101	105	156	47	–	7 076	7 362
Motor vehicles and equipment	33	–	6	–	–	3	10	9	5	–	...	...
Transportation equipment, except motor vehicles	180	10	11	5	21	12	50	50	21	–	7 620	7 693
Other durable goods	922	37	91	20	82	142	168	310	62	10	7 530	7 851
Nondurable goods	1 267	133	152	206	193	201	191	148	38	5	5 738	6 470
Food and kindred products	523	66	52	83	98	82	73	60	4	5	5 617	6 183
Apparel and other fabricated textile products	132	22	23	42	9	31	5	–	–	–	4 500	...
Paper and allied products	213	10	27	16	47	50	20	32	11	–	6 130	6 776
Chemicals and allied products	52	4	8	10	6	–	24	–	–	–	...	...
Other nondurable goods	347	31	42	55	33	38	69	56	23	–	6 329	7 349
Not specified manufacturing industries	5	–	–	–	–	5	–	–	–	–	...	–
Nonmanufacturing industries	387	91	51	38	55	52	52	23	25	–	5 245	6 404
Transportation, communications, and other public utilities	55	6	–	4	–	20	14	–	11	–	...	...
Wholesale and retail trade	157	47	20	23	30	16	21	–	–	–	4 500	...
All other industries	175	38	31	11	25	16	17	23	14	–	5 300	6 813
Transport equipment operatives	5 879	327	379	309	730	900	942	1 218	902	172	7 313	7 587
Bus drivers	142	14	9	–	28	31	10	18	16	16	6 645	6 825
Taxicab drivers and chauffeurs	118	36	4	15	19	34	5	–	5	–	5 211	...
Truck drivers and deliverymen	4 634	233	306	266	553	596	692	1 033	805	150	7 525	7 806
Other transport equipment operatives	985	44	60	28	130	239	235	167	76	6	6 964	7 127
Laborers, except farm	5 370	1 235	805	572	727	620	604	541	215	51	5 100	6 167
Construction laborers	1 238	215	226	144	224	137	122	123	42	5	5 152	6 175
Freight, stock, and material handlers	2 057	522	278	194	232	217	300	212	71	31	5 149	6 408
Other specified laborers	924	261	161	107	82	105	56	97	44	11	4 374	5 886
Miscellaneous and not specified laborers	1 151	237	140	127	189	161	126	109	58	4	5 378	6 016
Occupation:												
Miscellaneous laborers	302	65	29	40	54	32	28	42	8	4	5 315	5 911
Not specified laborers	849	172	111	87	135	129	98	67	50	–	5 404	6 059
Industry:												
Manufacturing	770	101	109	79	131	121	100	83	46	–	5 733	6 125
Durable goods	576	73	44	64	107	97	77	68	46	–	6 000	6 395
Wood products, including furniture	28	–	11	–	10	–	–	–	7	–	...	...
Metal industries	229	43	21	47	51	34	10	10	13	–	5 069	5 539
Machinery, including electrical	85	8	7	4	17	22	22	5	–	–	...	...
Transportation equipment	23	4	–	–	7	–	–	7	5	–	...	...
Other durable goods	211	18	5	13	22	41	45	46	21	–	7 144	7 629
Nondurable goods	189	23	65	15	24	24	23	15	–	–	4 433	5 188
Food and kindred products	59	5	7	10	10	11	5	11	–	–	...	...
Not specified manufacturing industries	5	5	–	–	–	–	–	–	–	–	...	–
Nonmanufacturing industries	381	136	31	48	58	40	26	26	12	4	4 490	5 790
Railroads and railway express service	46	–	6	–	13	–	7	16	4	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	48	18	3	–	9	18	–	–	–	–	...	...
Wholesale and retail trade	178	85	10	27	24	7	15	10	–	–	2 800	...
All other industries	109	33	12	21	12	15	4	–	8	4	4 452	...
Farmers and farm managers	3 933	566	672	410	477	198	262	412	556	380	5 668	5 798
Farm laborers and farm foremen	2 090	955	459	213	152	100	60	63	58	30	2 392	3 197
Paid farm laborers and farm foremen	1 933	826	439	213	144	100	60	63	58	30	2 640	3 464
Unpaid family workers	157	129	20	–	8	–	–	–	–	–	1 217	1 255
Service workers, except private household[1]	5 321	1 488	655	669	817	602	441	360	223	66	4 774	5 677
Cleaning service workers	2 147	469	286	325	430	314	124	144	42	13	4 980	5 456
Food service workers	1 360	697	180	112	144	65	47	42	41	32	1 951	5 017
Cooks, except private household	336	117	40	34	41	19	26	19	29	11	4 324	5 661
Busboys and dishwashers	396	320	51	25	–	–	–	–	–	–	1 238	...
Health service workers	132	29	25	27	14	9	16	7	5	–	4 444	...
Personal service workers	498	98	73	46	74	74	40	24	53	16	5 432	6 359
Protective service workers	902	106	79	116	126	120	162	127	61	5	6 200	6 688
Firemen, fire protection	88	–	6	9	8	5	27	25	8	–	...	...
Guards and watchmen	560	88	73	103	83	72	72	33	31	5	5 193	5 807
Policemen and detectives	230	4	–	4	30	43	63	69	17	–	7 540	7 556
Private household workers	16	10	6	–	–	–	–	–	–	–	...	...

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA												
Total												
Experienced civilian labor force	**1 182 956**	**107 472**	**84 962**	**56 439**	**83 801**	**104 455**	**126 012**	**228 158**	**258 207**	**133 450**	**8 248**	**9 057**
Professional, technical, and kindred workers	**186 852**	**9 025**	**10 229**	**4 689**	**6 460**	**8 136**	**11 872**	**27 363**	**60 479**	**48 599**	**11 294**	**12 266**
Accountants	15 335	605	701	331	495	542	1 079	2 561	5 724	3 297	11 182	11 892
Architects	1 653	29	94	29	42	37	39	224	539	620	13 084	13 884
Computer specialists	7 281	161	206	141	170	258	455	1 220	3 302	1 368	11 559	12 049
Engineers	35 624	533	450	276	669	498	781	3 115	15 189	14 113	13 782	14 123
Aeronautical and astronautical	1 696	22	–	2	18	12	–	64	670	908	15000+	15000+
Civil	3 407	44	76	78	117	61	108	314	1 543	1 066	12 934	13 446
Electrical and electronic	8 969	124	99	58	178	105	126	570	3 683	4 026	14 378	14 745
Mechanical	5 960	76	81	43	76	67	115	522	2 569	2 411	13 893	14 187
Other engineers	15 592	267	194	95	280	253	432	1 645	6 724	5 702	13 443	13 755
Lawyers and judges	6 068	169	200	87	96	98	149	313	1 010	3 946	15000+	15000+
Life and physical scientists	5 627	130	165	102	154	194	227	843	2 073	1 739	12 408	12 995
Chemists	4 406	86	112	80	109	160	161	715	1 622	1 361	12 404	13 014
Physicians, dentists, and related practitioners	15 323	621	697	356	308	441	552	1 060	2 623	8 665	15000+	15000+
Dentists	2 571	86	57	55	48	79	58	140	386	1 662	15000+	15000+
Pharmacists	2 790	321	200	55	69	90	93	281	981	700	11 458	12 263
Physicians, medical and osteopathic	8 665	162	374	207	161	225	349	547	1 003	5 637	15000+	15000+
Other related practitioners	1 297	52	66	39	30	47	52	92	253	666	15000+	15000+
Health technologists and technicians	1 558	362	214	92	126	133	115	228	173	115	5 881	7 511
Religious workers	3 957	526	761	197	394	440	445	503	506	185	6 228	6 484
Social scientists	2 635	72	95	67	77	85	119	299	796	1 025	13 163	13 968
Social and recreation workers	2 604	225	267	150	175	173	456	599	426	133	7 684	8 495
Teachers	27 672	1 894	2 592	849	1 014	1 873	2 438	4 790	8 585	3 637	9 326	10 949
College and university	7 108	491	504	203	173	240	243	827	2 135	2 292	12 044	14 067
Elementary and prekindergarten	5 813	487	667	196	304	598	745	1 161	1 443	212	7 879	8 829
Secondary	12 921	649	1 285	370	409	936	1 290	2 457	4 585	940	9 239	10 243
Engineering and science technicians	21 411	871	1 167	748	979	1 549	2 303	5 559	6 812	1 423	9 111	9 559
Draftsmen and surveyors	9 546	418	586	391	553	637	1 005	2 200	3 146	610	9 075	9 599
Electrical and electronic engineering technicians	4 308	95	242	115	95	328	469	1 091	1 574	299	9 485	9 874
Technicians, except health, and engineering and science	1 944	67	93	46	90	129	138	271	619	491	11 115	11 788
Airplane pilots	589	2	16	5	15	16	18	42	159	316	15000+	15000+
Writers, artists, and entertainers	13 809	1 137	912	428	600	605	799	2 135	4 496	2 697	10 321	11 495
Other professional, technical, and kindred workers	24 351	1 623	1 615	790	1 071	1 081	1 777	3 643	7 606	5 145	10 378	11 420
Managers and administrators, except farm	**126 359**	**3 338**	**3 508**	**2 485**	**4 436**	**5 389**	**8 005**	**17 303**	**38 669**	**43 226**	**12 420**	**12 806**
Buyers, purchasing agents, and sales managers	19 305	357	431	254	422	766	1 233	3 012	6 062	6 768	12 621	12 886
School administrators	3 135	59	91	42	46	83	99	203	1 122	1 390	14 209	14 256
Specified managers and administrators, public administration	6 993	197	129	127	170	287	602	1 364	2 755	1 362	11 126	11 456
Other specified managers and administrators	23 004	757	966	650	1 336	1 360	1 846	3 643	6 867	5 579	10 687	11 288
Managers and administrators, n.e.c., salaried	61 208	1 213	1 253	807	1 581	1 947	3 129	7 633	19 067	24 578	13 420	13 752
Manufacturing	21 237	257	240	168	269	254	578	1 977	6 583	10 911	15000+	15000+
Wholesale and retail trade	16 603	417	475	299	579	926	1 319	2 923	4 780	4 885	11 426	11 867
Transportation, communications, and other public utilities	4 719	84	58	44	74	95	159	612	1 858	1 735	13 319	13 498
All other industries	18 649	455	480	296	659	672	1 073	2 121	5 846	7 047	13 052	13 487
Managers and administrators, n.e.c., self-employed	12 714	755	638	605	881	946	1 096	1 448	2 796	3 549	9 983	10 644
Construction	2 164	96	112	93	118	122	190	294	555	584	10 514	11 695
Manufacturing	1 280	78	48	41	75	43	66	76	288	565	13 698	14 269
Wholesale and retail trade	6 867	408	323	360	580	625	637	861	1 492	1 581	9 163	9 557
All other industries	2 403	173	155	111	108	156	203	217	461	819	10 851	11 615
Sales workers	**90 517**	**9 835**	**5 951**	**3 318**	**4 991**	**6 164**	**7 713**	**13 514**	**21 795**	**17 236**	**9 078**	**10 046**
Insurance agents, brokers, and underwriters	10 543	316	299	286	441	621	965	1 862	3 221	2 532	10 747	11 348
Real estate agents and brokers	3 873	243	250	118	172	241	239	491	890	1 229	11 025	11 937
Sales representatives, manufacturing industries	12 592	411	361	206	369	433	795	1 854	4 294	3 869	12 174	12 601
Sales representatives, wholesale trade	16 192	793	584	413	700	1 068	1 418	2 638	4 857	3 721	10 496	11 098
Sales clerks, retail trade	22 635	4 940	2 677	1 336	1 838	2 263	2 130	3 057	3 014	1 380	6 233	7 517
Salesmen, retail trade	9 397	783	675	407	659	687	920	1 661	2 280	1 325	8 683	9 536
Salesmen of services and construction	4 342	262	263	81	242	325	341	737	1 276	815	9 783	10 754
Other sales workers	10 943	2 087	842	471	570	526	905	1 214	1 963	2 365	8 116	9 641
Clerical and kindred workers	**112 653**	**12 284**	**10 155**	**6 076**	**9 095**	**12 987**	**15 365**	**24 906**	**17 424**	**4 361**	**7 373**	**8 063**
Bank tellers and cashiers	5 441	1 812	1 168	420	408	416	429	482	231	75	3 556	5 945
Bookkeepers and billing clerks	8 621	709	738	355	706	887	1 230	1 855	1 599	542	7 744	8 278
Mail handlers and postal clerks	16 028	1 147	966	476	792	1 807	3 261	5 730	1 685	164	7 867	8 219
Other clerical and kindred workers	82 563	8 616	7 283	4 825	7 189	9 877	10 445	16 839	13 909	3 580	7 334	8 084
Craftsmen and kindred workers	**254 380**	**12 852**	**12 847**	**8 756**	**16 042**	**22 237**	**31 096**	**64 732**	**72 050**	**13 768**	**8 722**	**9 176**
Apparel craftsmen and upholsterers	3 610	273	252	178	383	476	525	772	653	98	7 463	7 898
Bakers	2 898	250	264	169	271	514	545	547	276	62	6 963	7 390
Cabinetmakers	1 298	130	87	79	141	149	219	296	165	32	7 288	7 821
Construction craftsmen	65 118	3 704	3 928	2 735	4 430	6 036	7 414	15 286	17 881	3 704	8 564	9 261
Carpenters	16 994	1 023	1 107	784	1 231	1 626	2 059	3 870	4 713	581	8 345	9 069
Excavating, grading, and road machine operators	3 972	152	164	154	266	322	464	986	1 201	263	8 941	9 250
Electricians	11 861	438	448	323	549	854	1 216	3 057	4 071	905	9 376	9 755
Masons and tile setters	5 443	325	347	247	384	563	623	1 458	1 245	251	8 319	9 131
Painters, construction and maintenance, and paperhangers	8 163	791	929	585	933	1 043	1 009	1 662	1 012	199	6 809	7 853
Plasterers and cement finishers	2 591	223	211	183	245	210	330	571	502	116	7 677	8 771
Plumbers and pipe fitters	11 720	444	404	263	574	965	1 140	2 826	4 047	1 057	9 465	9 782
Other construction craftsmen	4 374	308	318	196	248	453	573	856	1 090	332	8 213	9 170
Foremen, n.e.c.	34 840	640	334	429	776	1 406	2 845	8 557	15 529	4 324	10 783	10 984
Manufacturing	21 773	380	163	203	356	699	1 515	5 267	10 505	2 685	11 096	11 256
Nonmanufacturing industries	13 067	260	171	226	420	707	1 330	3 290	5 024	1 639	10 129	10 402
Linemen and servicemen, telephone and power	8 553	249	415	175	389	697	866	1 587	3 702	473	9 872	10 426
Locomotive engineers and firemen	982	52	19	8	16	31	25	221	499	111	11 192	11 355
Mechanics and repairmen	55 859	3 329	3 170	2 210	4 104	5 732	7 982	15 620	11 908	1 804	8 180	8 594
Air conditioning, heating, and refrigeration	3 899	236	173	101	272	345	466	1 261	864	181	8 565	8 881
Aircraft	1 537	38	45	25	64	97	130	658	431	49	9 123	9 308
Automobile, including body	21 066	1 544	1 748	1 151	2 052	2 326	3 288	5 054	3 267	636	7 521	7 988
Radio and television	2 959	288	169	134	212	363	361	739	566	127	7 868	8 329
Other mechanics and repairmen	26 398	1 223	1 035	799	1 504	2 601	3 737	7 908	6 780	811	8 582	8 901
Metal craftsmen, except mechanics	29 179	838	707	683	1 501	2 257	3 723	9 356	9 131	983	9 043	9 284
Machinists and job and die setters	11 351	363	293	328	634	1 050	1 553	3 870	3 012	248	8 752	9 015
Sheetmetal workers and tinsmiths	4 926	147	160	139	242	341	634	1 480	1 654	129	9 081	9 295
Tool and die makers	5 734	151	102	108	220	325	543	1 687	2 223	375	9 681	9 942
Other metal craftsmen	7 168	177	152	108	405	541	993	2 319	2 242	231	9 042	9 239
Printing craftsmen	11 893	638	626	363	766	945	1 403	3 015	3 592	545	8 800	9 198
Compositors and typesetters	4 448	221	207	127	338	352	497	1 233	1 314	159	8 782	9 098
Pressmen and plate printers, printing	5 746	328	361	186	339	525	724	1 427	1 611	245	8 575	9 029
Stationary engineers and power station operators	5 042	104	96	68	236	396	560	1 405	1 942	235	9 510	9 659
Other craftsmen and kindred workers	35 108	2 645	2 949	1 659	3 029	3 598	4 989	8 070	6 772	1 397	7 736	8 252

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**163 316**	**15 867**	**12 737**	**10 267**	**15 810**	**21 002**	**24 082**	**37 536**	**23 679**	**2 336**	**7 248**	**7 851**
Assemblers	10 847	934	906	740	951	1 370	1 762	2 677	1 407	100	7 297	7 837
Checkers, examiners, and inspectors; manufacturing	10 319	363	362	350	794	1 229	1 788	3 056	2 140	237	8 179	8 568
Garage workers and gas station attendants	6 560	3 188	1 048	400	497	403	354	335	232	103	2 176	5 912
Laundry and drycleaning operatives, n.e.c	1 575	311	238	226	220	144	168	136	64	68	5 057	5 800
Meat cutters and butchers	6 143	502	394	233	486	569	880	1 784	1 134	161	8 008	8 500
Mine operatives, n.e.c	257	17	13	–	32	29	52	60	54	–	7 721	8 036
Packers and wrappers, except produce	7 124	1 342	942	662	824	1 051	871	1 011	383	38	5 748	6 721
Painters, manufactured articles	2 657	214	197	150	224	365	492	653	324	38	7 363	7 787
Precision machine operatives	11 221	509	558	405	834	1 373	1 766	3 473	2 191	112	8 095	8 503
Sawyers	673	55	44	28	107	178	91	116	50	4	6 576	6 932
Stationary firemen	2 083	54	92	36	174	304	235	635	493	60	8 461	8 743
Textile operatives	3 416	273	374	317	509	647	557	531	175	33	6 363	6 829
Welders and flamecutters	12 521	454	606	425	907	1 536	2 035	3 376	2 833	349	8 176	8 577
Other metalworking operatives	7 518	493	467	485	913	1 055	1 128	1 855	1 040	82	7 307	7 782
Other specified operatives	33 497	3 461	3 221	2 868	3 755	4 549	4 664	6 479	3 994	506	6 757	7 424
Miscellaneous and not specified operatives	46 905	3 697	3 275	2 942	4 583	6 200	7 239	11 359	7 165	445	7 381	7 899
Occupation:												
Machine operatives, miscellaneous specified	20 264	1 259	1 211	1 186	2 049	2 552	3 126	5 098	3 583	200	7 600	8 078
Machine operatives, not specified	9 729	656	727	668	924	1 398	1 506	2 519	1 273	58	7 326	7 801
Miscellaneous operatives	12 129	1 384	1 046	788	1 234	1 608	1 898	2 528	1 526	117	7 002	7 632
Not specified operatives	4 783	398	291	300	376	642	709	1 214	783	70	7 542	8 079
Industry:												
Manufacturing	40 608	2 647	2 695	2 515	3 961	5 380	6 405	10 058	6 607	340	7 485	7 953
Durable goods	19 837	1 388	1 307	1 230	2 000	2 799	3 369	4 783	2 803	158	7 355	7 786
Wood products, including furniture	909	128	95	105	182	130	83	112	58	16	5 695	6 261
Primary metal industries	3 813	169	166	208	370	510	796	900	676	18	7 607	7 878
Fabricated metal industries	3 345	278	278	282	399	468	620	689	306	25	6 931	7 475
Machinery, including electrical	5 607	409	365	268	450	799	950	1 454	885	27	7 539	8 021
Motor vehicles and equipment	884	19	27	31	62	87	120	290	232	16	8 662	8 982
Transportation equipment, except motor vehicles	1 246	38	51	43	86	142	193	476	182	35	8 294	8 486
Other durable goods	4 033	347	325	293	451	663	607	862	464	21	6 906	7 424
Nondurable goods	20 359	1 229	1 352	1 245	1 909	2 512	2 994	5 188	3 752	178	7 645	8 165
Food and kindred products	3 289	249	244	294	411	622	565	658	221	25	6 718	7 166
Apparel and other fabricated textile products	719	81	76	63	117	70	92	145	62	13	6 321	6 993
Paper and allied products	4 048	211	341	259	486	502	530	949	765	5	7 425	7 894
Chemicals and allied products	5 129	188	219	253	309	539	861	1 711	1 002	47	8 229	8 590
Other nondurable goods	7 174	500	472	376	586	779	946	1 725	1 702	88	7 924	8 563
Not specified manufacturing industries	412	30	36	40	52	69	42	87	52	4	6 696	7 447
Nonmanufacturing industries	6 297	1 050	580	427	622	820	834	1 301	558	105	6 573	7 489
Transportation, communications, and other public utilities	1 273	104	100	72	91	153	210	366	164	13	7 555	8 101
Wholesale and retail trade	2 370	453	223	195	287	320	246	481	160	5	6 084	7 146
All other industries	2 654	493	257	160	244	347	378	454	234	87	6 499	7 372
Transport equipment operatives	**68 508**	**5 138**	**4 964**	**3 868**	**6 446**	**8 333**	**9 615**	**16 653**	**12 177**	**1 314**	**7 573**	**8 110**
Bus drivers	5 003	303	240	173	344	507	770	1 656	972	38	8 199	8 597
Taxicab drivers and chauffeurs	3 671	475	648	554	762	555	297	225	126	29	5 208	5 759
Truck drivers and deliverymen	44 788	3 218	2 878	2 205	3 589	5 014	6 202	11 145	9 457	1 080	7 885	8 424
Other transport equipment operatives	15 046	1 142	1 198	936	1 751	2 257	2 346	3 627	1 622	167	7 102	7 605
Laborers, except farm	**69 655**	**14 412**	**9 212**	**6 152**	**8 284**	**9 774**	**8 808**	**8 508**	**3 977**	**528**	**5 610**	**6 698**
Construction laborers	12 824	1 706	1 759	1 329	1 842	1 831	1 646	1 710	873	128	5 878	6 923
Freight, stock, and material handlers	27 697	6 010	3 469	2 149	2 885	4 031	3 744	3 655	1 614	140	5 770	6 864
Other specified laborers	17 932	4 771	2 657	1 749	2 057	2 073	1 921	1 685	819	200	4 879	6 232
Miscellaneous and not specified laborers	11 202	1 925	1 327	925	1 500	1 839	1 497	1 458	671	60	5 949	6 721
Occupation:												
Miscellaneous laborers	3 701	477	363	267	495	707	547	541	276	28	6 351	6 878
Not specified laborers	7 501	1 448	964	658	1 005	1 132	950	917	395	32	5 677	6 614
Industry:												
Manufacturing	6 229	762	710	498	843	1 015	956	1 028	391	26	6 297	7 009
Durable goods	3 954	433	485	258	525	699	560	691	281	22	6 395	7 066
Wood products, including furniture	150	24	23	20	14	27	15	17	10	–	5 571	6 130
Metal industries	2 215	174	242	143	304	378	345	454	166	9	6 647	7 393
Machinery, including electrical	571	85	111	44	78	78	54	67	45	9	5 583	6 491
Transportation equipment	339	32	16	29	33	90	30	83	22	4	6 661	6 889
Other durable goods	679	118	93	22	96	126	116	70	38	–	6 083	6 718
Nondurable goods	2 201	316	210	236	300	303	391	331	110	4	6 127	6 977
Food and kindred products	489	62	43	24	69	65	111	70	45	–	6 715	7 409
Not specified manufacturing industries	74	13	15	4	18	13	5	6	–	–	...	...
Nonmanufacturing industries	4 973	1 163	617	427	657	824	541	430	280	34	5 425	6 426
Railroads and railway express service	497	32	44	33	86	147	85	50	20	–	6 364	6 585
Transportation, except railroads	241	13	9	16	47	50	41	44	16	5	6 710	6 974
Communications, and utilities and sanitary services	1 113	123	80	84	208	209	151	161	92	5	6 294	6 799
Wholesale and retail trade	1 468	456	204	162	160	179	142	93	65	7	4 457	6 178
All other industries	1 654	539	280	132	156	239	122	82	87	17	4 061	6 107
Farmers and farm managers	**4 716**	**1 161**	**873**	**266**	**453**	**329**	**205**	**377**	**568**	**484**	**5 128**	**5 421**
Farm laborers and farm foremen	**4 962**	**2 062**	**993**	**516**	**442**	**351**	**159**	**254**	**149**	**36**	**2 844**	**4 551**
Paid farm laborers and farm foremen	4 813	1 967	978	510	422	347	159	249	145	36	2 899	4 579
Unpaid family workers	149	95	15	6	20	4	–	5	4	–	1 568	...
Service workers, except private household[1]	**100 225**	**21 218**	**13 216**	**9 963**	**11 259**	**9 737**	**9 065**	**16 973**	**7 232**	**1 562**	**5 508**	**6 763**
Cleaning service workers	27 518	5 554	3 780	3 728	4 515	3 637	2 564	2 474	1 039	227	5 154	5 878
Food service workers	23 756	8 557	4 130	2 350	2 395	1 733	1 515	1 635	1 128	313	3 608	5 634
Cooks, except private household	7 698	1 949	1 165	811	852	732	738	771	549	131	4 906	6 320
Busboys and dishwashers	4 733	3 399	867	194	132	50	30	43	14	4	1 392	2 974
Health service workers	2 892	754	544	461	379	306	211	91	111	35	4 321	5 282
Personal service workers	9 437	1 926	1 399	1 014	1 217	1 001	743	991	811	335	5 312	6 204
Protective service workers	26 652	2 223	1 703	1 394	1 822	2 066	3 116	10 399	3 459	470	8 193	8 544
Firemen, fire protection	3 556	60	48	55	91	125	317	1 947	855	58	9 111	9 185
Guards and watchmen	9 807	1 545	1 279	1 134	1 337	1 083	1 166	1 503	694	66	5 707	6 649
Policemen and detectives	12 379	236	298	161	373	789	1 532	6 785	1 875	330	8 825	8 905
Private household workers	**813**	**280**	**277**	**83**	**83**	**16**	**27**	**39**	**8**	–	**2 913**	**3 668**

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA—Continued												
Negro												
Experienced civilian labor force	**165 988**	**20 322**	**20 332**	**15 702**	**20 825**	**22 755**	**21 456**	**27 244**	**14 766**	**2 586**	**6 255**	**6 913**
Professional, technical, and kindred workers	**10 271**	**698**	**753**	**551**	**815**	**724**	**1 153**	**1 908**	**2 828**	**841**	**8 463**	**9 071**
Accountants	376	27	15	11	29	46	26	87	123	12	8 782	9 638
Architects	80	–	–	3	–	–	13	–	45	19	...	...
Computer specialists	299	10	9	5	4	10	29	72	135	25	10 389	11 111
Engineers	550	24	25	17	22	28	37	98	214	85	10 561	11 545
Aeronautical and astronautical	25	4	–	2	–	–	–	–	19	–	...	...
Civil	47	5	5	5	–	13	–	9	6	4	...	...
Electrical and electronic	198	–	13	5	11	10	11	40	77	31	10 584	11 461
Mechanical	56	–	–	–	–	–	17	–	16	23	...	...
Other engineers	224	15	7	5	11	5	9	49	96	27	10 573	11 628
Lawyers and judges	126	–	–	–	–	–	7	21	36	62	14 861	14 444
Life and physical scientists	280	15	5	–	14	21	11	43	135	36	11 148	11 560
Chemists	218	10	5	–	14	21	4	43	90	31	10 667	10 929
Physicians, dentists, and related practitioners	445	15	8	9	29	29	20	28	99	208	14 268	15000+
Dentists	74	11	–	5	6	–	–	6	16	30	...	...
Pharmacists	70	4	8	4	5	10	10	–	26	3	...	...
Physicians, medical and osteopathic	280	–	–	–	13	19	5	22	46	175	15000+	15000+
Other related practitioners	21	–	–	–	5	–	5	–	11	–	...	...
Health technologists and technicians	299	49	30	33	44	39	35	39	17	13	5 852	6 128
Religious workers	393	18	75	31	59	44	52	57	47	10	6 307	6 423
Social scientists	105	5	–	4	–	10	–	32	29	25	10 259	...
Social and recreation workers	630	46	30	31	51	68	109	202	82	11	7 817	8 370
Teachers	1 951	103	77	74	45	105	180	400	856	111	9 958	10 000
College and university	230	28	5	16	4	10	7	29	112	19	10 714	11 725
Elementary and prekindergarten	702	30	25	7	25	60	80	139	293	43	9 784	9 500
Secondary	831	39	47	29	11	35	82	153	386	49	10 253	10 108
Engineering and science technicians	1 261	47	103	118	168	83	218	226	263	35	7 511	7 949
Draftsmen and surveyors	435	15	49	52	49	65	63	81	57	4	6 808	7 120
Electrical and electronic engineering technicians	295	4	7	37	22	9	58	39	99	20	8 538	9 667
Technicians, except health, and engineering and science	167	15	15	3	–	12	32	44	37	9	8 295	9 205
Airplane pilots	4	–	–	–	–	–	4	–	–	–	...	–
Writers, artists, and entertainers	677	80	82	25	120	43	68	86	132	41	6 733	8 310
Other professional, technical, and kindred workers	2 632	244	279	187	230	186	316	473	578	139	7 601	8 274
Managers and administrators, except farm	**5 498**	**323**	**530**	**336**	**495**	**574**	**556**	**1 021**	**1 106**	**557**	**7 883**	**8 440**
Buyers, purchasing agents, and sales managers	390	15	20	21	15	37	63	91	90	38	8 527	8 966
School administrators	230	5	–	–	14	6	–	10	67	128	15000+	...
Specified managers and administrators, public administration	723	26	13	35	21	58	81	165	235	89	9 545	9 930
Other specified managers and administrators	1 496	76	212	103	169	180	167	245	275	69	7 048	7 466
Managers and administrators, n.e.c., salaried	2 014	138	192	104	188	201	197	443	374	177	7 934	8 536
Manufacturing	323	13	18	14	8	18	9	78	104	61	10 168	10 325
Wholesale and retail trade	682	29	60	54	89	86	73	168	87	36	7 315	7 938
Transportation, communications, and other public utilities	130	14	14	–	4	20	20	24	24	10	7 650	7 925
All other industries	879	82	100	36	87	77	95	173	159	70	7 605	8 329
Managers and administrators, n.e.c., self-employed	645	63	93	73	88	92	48	67	65	56	6 060	6 840
Construction	129	5	15	13	35	7	11	19	15	9	5 900	...
Manufacturing	17	3	–	–	–	9	–	5	–	–	...	...
Wholesale and retail trade	361	39	47	48	46	58	37	21	44	21	6 009	6 755
All other industries	138	16	31	12	7	18	–	22	6	26	6 167	6 861
Sales workers	**4 108**	**729**	**659**	**439**	**354**	**425**	**475**	**467**	**462**	**98**	**5 641**	**6 825**
Insurance agents, brokers, and underwriters	399	20	24	27	25	39	59	63	106	36	8 175	8 947
Real estate agents and brokers	111	2	–	5	6	–	28	15	41	14	9 933	...
Sales representatives, manufacturing industries	160	20	22	11	16	25	6	19	38	3	6 440	6 432
Sales representatives, wholesale trade	368	39	28	52	32	63	35	83	30	6	6 524	7 292
Sales clerks, retail trade	1 556	291	288	208	133	193	160	157	98	28	4 957	6 237
Salesmen, retail trade	375	58	66	33	55	30	32	35	55	11	5 555	7 625
Salesmen of services and construction	186	23	10	–	42	30	38	9	34	–	6 600	7 105
Other sales workers	953	276	221	103	45	45	117	86	60	–	3 814	4 989
Clerical and kindred workers	**16 781**	**2 207**	**1 797**	**1 220**	**1 896**	**2 660**	**2 225**	**3 378**	**1 191**	**207**	**6 478**	**7 139**
Bank tellers and cashiers	515	152	112	30	70	63	36	27	12	13	3 884	5 508
Bookkeepers and billing clerks	492	37	80	36	52	72	84	95	29	7	6 569	7 042
Mail handlers and postal clerks	4 029	277	267	190	244	540	712	1 430	329	40	7 697	8 095
Other clerical and kindred workers	11 745	1 741	1 338	964	1 530	1 985	1 393	1 826	821	147	6 151	6 774
Craftsmen and kindred workers	**28 013**	**2 262**	**2 622**	**1 798**	**3 248**	**3 617**	**4 649**	**5 893**	**3 560**	**364**	**7 099**	**7 547**
Apparel craftsmen and upholsterers	443	52	53	58	63	78	44	66	17	12	5 929	6 226
Bakers	451	23	43	28	87	117	81	48	19	5	6 380	6 819
Cabinetmakers	61	5	–	8	15	11	12	–	10	–	...	...
Construction craftsmen	6 790	644	768	439	758	893	1 038	1 337	805	108	6 880	7 580
Carpenters	1 505	149	186	81	206	168	198	242	262	13	6 777	7 536
Excavating, grading, and road machine operators	564	44	40	19	89	106	85	104	69	8	6 849	7 156
Electricians	793	31	74	44	64	92	116	185	155	32	7 789	8 567
Masons and tile setters	967	99	72	61	66	158	166	248	90	7	7 166	7 646
Painters, construction and maintenance, and paperhangers	1 118	136	207	119	149	147	158	152	44	6	5 651	6 677
Plasterers and cement finishers	773	90	102	56	86	58	135	174	49	23	6 905	8 043
Plumbers and pipe fitters	780	61	49	40	72	118	136	182	112	10	7 368	7 634
Other construction craftsmen	290	34	38	19	26	46	44	50	24	9	6 609	7 300
Foremen, n.e.c.	2 610	47	70	100	173	212	502	791	663	52	8 508	8 716
Manufacturing	1 206	20	36	43	81	97	210	364	329	26	8 637	8 866
Nonmanufacturing industries	1 404	27	34	57	92	115	292	427	334	26	8 398	8 589
Linemen and servicemen, telephone and power	571	36	78	17	48	78	83	122	93	16	7 343	8 413
Locomotive engineers and firemen	38	–	3	–	2	8	–	19	6	–	...	...
Mechanics and repairmen	5 680	512	440	366	751	797	991	1 199	568	56	6 967	7 368
Air conditioning, heating, and refrigeration	295	26	16	10	18	66	44	71	39	5	7 261	7 711
Aircraft	144	7	–	–	22	12	13	65	20	5	8 554	...
Automobile, including body	2 877	279	264	236	426	384	504	520	233	31	6 608	7 206
Radio and television	283	36	32	6	33	38	51	50	37	–	6 908	7 415
Other mechanics and repairmen	2 081	164	128	114	252	297	379	493	239	15	7 226	7 494
Metal craftsmen, except mechanics	2 029	104	99	110	227	315	318	505	327	24	7 502	7 865
Machinists and job and die setters	894	70	46	80	99	134	124	225	106	10	7 145	7 849
Sheetmetal workers and tinsmiths	255	11	9	–	25	22	41	89	54	4	8 438	8 203
Tool and die makers	169	9	27	9	8	38	24	27	23	4	6 829	...
Other metal craftsmen	711	14	17	21	95	121	129	164	144	6	7 678	7 826
Printing craftsmen	887	51	87	51	147	79	171	208	81	12	7 167	7 496
Compositors and typesetters	360	19	29	35	81	20	58	79	33	6	6 800	7 561
Pressmen and plate printers, printing	442	27	46	11	55	48	100	107	42	6	7 340	7 474
Stationary engineers and power station operators	561	25	11	9	39	84	91	196	100	6	8 219	8 354
Other craftsmen and kindred workers	7 892	763	970	612	938	945	1 318	1 402	871	73	6 702	7 157

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**32 703**	**3 474**	**3 893**	**3 323**	**4 380**	**5 007**	**4 608**	**5 532**	**2 330**	**156**	**6 256**	**6 825**
Assemblers	1 485	175	180	182	121	246	250	219	107	5	6 343	7 114
Checkers, examiners, and inspectors; manufacturing	979	58	87	59	97	196	172	238	67	5	6 962	7 415
Garage workers and gas station attendants	863	181	150	141	115	112	100	47	17	–	4 713	5 855
Laundry and drycleaning operatives, n.e.c	614	82	131	112	112	84	35	44	14	–	4 839	5 392
Meat cutters and butchers	1 069	97	92	60	152	132	209	243	84	–	7 007	7 404
Mine operatives, n.e.c	24	11	–	–	5	–	4	4	–	–	...	...
Packers and wrappers, except produce	1 867	313	335	203	275	269	163	225	71	13	5 300	6 049
Painters, manufactured articles	651	70	82	56	63	120	117	80	51	12	6 454	6 685
Precision machine operatives	909	25	92	72	93	183	170	241	33	–	6 943	7 407
Sawyers	81	8	12	7	–	27	17	10	–	–	...	...
Stationary firemen	429	7	11	23	46	116	47	104	64	11	7 245	7 321
Textile operatives	562	45	106	86	98	90	47	77	13	–	5 449	6 056
Welders and flamecutters	2 441	147	234	145	235	392	396	513	370	9	7 170	7 604
Other metalworking operatives	1 379	78	91	123	231	194	234	289	139	–	6 858	7 275
Other specified operatives	9 945	1 250	1 380	1 224	1 401	1 414	1 244	1 494	509	29	5 798	6 494
Miscellaneous and not specified operatives	9 405	927	910	830	1 336	1 432	1 403	1 704	791	72	6 488	6 977
Occupation:												
Machine operatives, miscellaneous specified	3 738	312	367	399	524	538	451	768	337	42	6 496	7 097
Machine operatives, not specified	2 352	222	230	187	335	390	342	439	201	6	6 518	6 889
Miscellaneous operatives	2 354	286	207	182	369	370	442	315	164	19	6 359	6 855
Not specified operatives	961	107	106	62	108	134	168	182	89	5	6 728	7 121
Industry:												
Manufacturing	7 756	705	786	684	1 135	1 188	1 158	1 365	682	53	6 478	6 963
Durable goods	3 768	436	370	278	475	582	564	675	369	19	6 558	7 097
Wood products, including furniture	238	42	48	28	52	19	16	22	11	–	5 019	5 535
Primary metal industries	699	37	50	28	98	108	133	113	132	–	7 214	7 505
Fabricated metal industries	567	78	55	57	71	58	90	121	37	–	6 388	7 294
Machinery, including electrical	912	133	88	58	98	165	141	152	77	–	6 479	7 083
Motor vehicles and equipment	259	15	27	9	36	27	53	51	36	5	7 292	7 529
Transportation equipment, except motor vehicles	280	16	21	11	19	43	53	74	33	10	7 566	7 726
Other durable goods	813	115	81	87	101	162	78	142	43	4	6 139	6 583
Nondurable goods	3 860	258	392	388	635	589	581	675	308	34	6 436	6 859
Food and kindred products	1 072	74	84	131	160	224	184	147	63	5	6 388	6 756
Apparel and other fabricated textile products	213	36	36	18	35	24	19	39	–	6	5 471	6 333
Paper and allied products	992	65	113	73	223	143	108	169	98	–	6 154	6 468
Chemicals and allied products	622	22	60	55	70	83	123	149	49	11	7 171	7 387
Other nondurable goods	961	61	99	111	147	115	147	171	98	12	6 543	7 113
Not specified manufacturing industries	128	11	24	18	25	17	13	15	5	–	5 440	...
Nonmanufacturing industries	1 649	222	124	146	201	244	245	339	109	19	6 539	7 040
Transportation, communications, and other public utilities	302	9	24	–	25	45	62	113	16	8	7 774	8 147
Wholesale and retail trade	599	81	66	68	99	71	66	125	23	–	5 854	6 712
All other industries	748	132	34	78	77	128	117	101	70	11	6 414	6 744
Transport equipment operatives	**15 755**	**1 193**	**1 484**	**1 403**	**2 262**	**2 589**	**2 296**	**2 990**	**1 404**	**134**	**6 593**	**7 062**
Bus drivers	1 001	44	48	47	116	142	162	291	151	–	7 639	8 020
Taxicab drivers and chauffeurs	931	112	118	150	179	196	81	64	25	6	5 478	5 959
Truck drivers and deliverymen	8 948	587	813	710	1 105	1 440	1 396	1 874	921	102	6 874	7 322
Other transport equipment operatives	4 875	450	505	496	862	811	657	761	307	26	6 154	6 648
Laborers, except farm	**23 729**	**3 516**	**3 289**	**2 599**	**3 562**	**3 862**	**3 158**	**2 632**	**1 025**	**86**	**5 691**	**6 361**
Construction laborers	5 781	566	694	687	957	890	831	839	274	43	5 986	6 845
Freight, stock, and material handlers	7 093	1 111	942	734	970	1 215	1 003	737	370	11	5 783	6 473
Other specified laborers	7 053	1 426	1 222	761	1 025	990	766	635	202	26	5 115	5 866
Miscellaneous and not specified laborers	3 802	413	431	417	610	767	558	421	179	6	6 039	6 508
Occupation:												
Miscellaneous laborers	1 469	132	131	159	260	361	216	154	56	–	6 145	6 430
Not specified laborers	2 333	281	300	258	350	406	342	267	123	6	5 936	6 584
Industry:												
Manufacturing	1 592	167	182	155	234	295	251	214	94	–	6 197	6 728
Durable goods	1 021	114	159	93	144	206	120	129	56	–	6 002	6 482
Wood products, including furniture	13	–	–	–	–	9	4	–	–	–	...	...
Metal industries	650	43	85	67	107	147	79	81	41	–	6 156	6 513
Machinery, including electrical	113	20	31	11	–	9	8	19	15	–	4 500	...
Transportation equipment	102	12	10	6	10	35	–	29	–	–	6 371	...
Other durable goods	143	39	33	9	27	6	29	–	–	–	3 970	...
Nondurable goods	547	53	17	62	82	85	131	79	38	–	6 700	7 201
Food and kindred products	176	–	13	9	31	30	40	26	27	–	7 125	...
Not specified manufacturing industries	24	–	6	–	8	4	–	6	–	–	...	...
Nonmanufacturing industries	2 210	246	249	262	376	472	307	207	85	6	5 926	6 401
Railroads and railway express service	343	15	34	33	52	113	57	33	6	–	6 332	6 470
Transportation, except railroads	79	8	–	–	32	23	10	6	–	–	...	...
Communications, and utilities and sanitary services	725	54	61	55	144	154	114	92	51	–	6 315	6 729
Wholesale and retail trade	411	56	53	85	72	64	54	27	–	–	5 160	5 728
All other industries	652	113	101	89	76	118	72	49	28	6	5 303	6 289
Farmers and farm managers	**479**	**195**	**143**	**12**	**16**	**11**	**40**	**47**	**6**	**9**	**2 622**	**2 496**
Farm laborers and farm foremen	**856**	**505**	**123**	**43**	**39**	**66**	**21**	**43**	**16**	–	**1 695**	**4 563**
Paid farm laborers and farm foremen	856	505	123	43	39	66	21	43	16	–	1 695	4 563
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**27 275**	**5 069**	**4 844**	**3 927**	**3 697**	**3 208**	**2 254**	**3 312**	**830**	**134**	**4 948**	**5 777**
Cleaning service workers	9 487	1 546	1 773	1 696	1 627	1 242	769	618	164	52	4 840	5 439
Food service workers	5 482	1 414	1 166	800	679	579	407	340	86	11	4 201	5 205
Cooks, except private household	2 603	441	378	436	368	376	289	233	75	7	5 126	5 882
Busboys and dishwashers	866	465	268	80	41	8	–	4	–	–	1 862	3 285
Health service workers	1 498	258	267	258	269	209	133	43	56	5	4 868	5 507
Personal service workers	1 597	309	359	276	196	168	84	126	74	5	4 473	4 915
Protective service workers	4 410	413	379	256	418	436	505	1 644	340	19	7 600	8 147
Firemen, fire protection	275	6	16	–	14	15	17	157	50	–	8 885	9 058
Guards and watchmen	2 200	295	306	237	355	269	286	312	135	5	5 738	6 491
Policemen and detectives	1 835	65	51	19	49	139	186	1 160	152	14	8 704	8 754
Private household workers	**520**	**151**	**195**	**51**	**61**	**12**	**21**	**21**	**8**	–	**3 118**	**3 504**

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA—Continued												
Persons of Puerto Rican Birth or Parentage												
Experienced civilian labor force	7 707	1 057	1 370	1 110	1 257	957	718	698	409	131	5 252	5 961
Professional, technical, and kindred workers	293	21	32	5	21	19	40	62	26	67	8 274	8 904
Accountants	18	–	–	–	–	–	–	18	–	–	...	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	7	–	–	–	–	–	–	–	–	7	...	...
Engineers	22	–	–	–	–	–	5	–	5	12	...	...
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	11	–	–	–	–	–	–	–	5	6	...	...
Electrical and electronic	6	–	–	–	–	–	–	–	–	6	...	...
Mechanical	–	–	–	–	–	–	–	–	–	–	–	–
Other engineers	5	–	–	–	–	–	5	–	–	–	...	...
Lawyers and judges	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	3	–	–	–	3	–	–	–	–	–	...	...
Chemists	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	18	–	7	–	–	–	–	–	–	11	...	...
Dentists	–	–	–	–	–	–	–	–	–	–	–	–
Pharmacists	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, medical and osteopathic	18	–	7	–	–	–	–	–	–	11	...	...
Other related practitioners	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians	12	–	–	–	6	–	–	6	–	–	...	...
Religious workers	7	–	–	–	–	–	–	–	–	7	...	...
Social scientists	8	–	8	–	–	–	–	–	–	–	...	...
Social and recreation workers	7	–	–	–	–	–	7	–	–	–	...	...
Teachers	58	6	–	–	–	13	–	25	14	–	...	...
College and university	7	–	–	–	–	–	–	–	7	–	...	...
Elementary and prekindergarten	21	–	–	–	–	13	–	8	–	–	...	...
Secondary	30	6	–	–	–	–	–	17	7	–	...	...
Engineering and science technicians	6	–	–	–	–	6	–	–	–	–	...	–
Draftsmen and surveyors	6	–	–	–	–	6	–	–	–	–	...	–
Electrical and electronic engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	36	–	–	–	7	–	16	–	7	6	...	...
Other professional, technical, and kindred workers	91	15	17	5	5	–	12	13	–	24	...	...
Managers and administrators, except farm	164	14	12	–	28	16	7	8	45	34	9 250	10 610
Buyers, purchasing agents, and sales managers	18	–	–	–	7	–	–	–	11	–	...	...
School administrators	6	6	–	–	–	–	–	–	–	–	...	–
Specified managers and administrators, public administration	3	–	–	–	–	3	–	–	–	–	...	...
Other specified managers and administrators	13	–	7	–	6	–	–	–	–	–	...	–
Managers and administrators, n.e.c., salaried	96	–	–	–	–	13	7	8	34	34	...	...
Manufacturing	27	–	–	–	–	7	7	–	–	13	...	...
Wholesale and retail trade	48	–	–	–	–	–	–	8	26	14	...	...
Transportation, communications, and other public utilities	8	–	–	–	–	–	–	–	8	–	...	...
All other industries	13	–	–	–	–	6	–	–	–	7	...	...
Managers and administrators, n.e.c., self-employed	28	8	5	–	15	–	–	–	–	–	...	...
Construction	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	23	8	–	–	15	–	–	–	–	–	...	...
All other industries	5	–	5	–	–	–	–	–	–	–	...	...
Sales workers	299	49	35	26	55	34	17	38	36	9	5 718	6 485
Insurance agents, brokers, and underwriters	32	–	–	–	10	7	–	15	–	–	...	...
Real estate agents and brokers	–	–	–	–	–	–	–	–	–	–	–	–
Sales representatives, manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Sales representatives, wholesale trade	19	6	–	–	7	–	–	–	6	–	...	...
Sales clerks, retail trade	171	28	28	15	30	13	4	23	21	9	5 483	6 038
Salesmen, retail trade	19	–	7	4	8	–	–	–	–	–	...	...
Salesmen of services and construction	17	8	–	–	–	–	–	–	9	–	...	...
Other sales workers	41	7	–	7	–	14	13	–	–	–	...	...
Clerical and kindred workers	380	82	56	65	64	45	39	13	9	7	4 800	5 712
Bank tellers and cashiers	22	22	–	–	–	–	–	–	–	–	...	–
Bookkeepers and billing clerks	20	–	–	–	–	–	7	13	–	–	...	...
Mail handlers and postal clerks	25	12	–	–	9	–	4	–	–	–	...	...
Other clerical and kindred workers	313	48	56	65	55	45	28	–	9	7	4 808	5 292
Craftsmen and kindred workers	1 069	106	108	129	174	91	111	185	158	7	6 192	7 189
Apparel craftsmen and upholsterers	38	8	–	4	14	–	–	12	–	–	...	...
Bakers	44	–	26	–	–	–	–	8	10	–	...	...
Cabinetmakers	17	–	–	17	–	–	–	–	–	–	...	...
Construction craftsmen	260	22	26	22	48	19	26	72	25	–	6 632	7 385
Carpenters	72	5	13	5	15	5	19	10	–	–	...	...
Excavating, grading, and road machine operators	20	–	–	–	–	–	–	20	–	–	...	–
Electricians	8	–	–	8	–	–	–	–	–	–	...	...
Masons and tile setters	22	–	8	–	–	–	–	14	–	–	...	...
Painters, construction and maintenance, and paperhangers	46	–	5	–	8	14	7	12	–	–	...	...
Plasterers and cement finishers	46	6	–	9	13	–	–	7	11	–	...	...
Plumbers and pipe fitters	32	5	–	–	12	–	–	9	6	–	...	...
Other construction craftsmen	14	6	–	–	–	–	–	–	8	–	...	...
Foremen, n.e.c.	152	10	14	8	10	12	21	33	37	7	8 061	8 222
Manufacturing	98	5	14	8	10	12	21	13	8	7	...	...
Nonmanufacturing industries	54	5	–	–	–	–	–	20	29	–	...	...
Linemen and servicemen, telephone and power	6	–	–	6	–	–	–	–	–	–	...	...
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	269	22	42	31	46	43	36	15	34	–	5 859	6 372
Air conditioning, heating, and refrigeration	15	–	–	–	7	–	–	–	8	–	...	...
Aircraft	–	–	–	–	–	–	–	–	–	–	–	–
Automobile, including body	153	7	36	24	22	24	14	6	20	–	5 432	5 964
Radio and television	5	–	–	–	–	–	–	5	–	–	...	...
Other mechanics and repairmen	96	15	6	7	17	19	22	4	6	–	...	...
Metal craftsmen, except mechanics	64	–	–	7	21	17	–	19	–	–	...	...
Machinists and job and die setters	58	–	–	7	21	17	–	13	–	–	...	...
Sheetmetal workers and tinsmiths	6	–	–	–	–	–	–	6	–	–	...	...
Tool and die makers	–	–	–	–	–	–	–	–	–	–	–	–
Other metal craftsmen	–	–	–	–	–	–	–	–	–	–	–	–
Printing craftsmen	25	–	–	–	7	–	5	6	7	–	...	...
Compositors and typesetters	–	–	–	–	–	–	–	–	–	–	–	–
Pressmen and plate printers, printing	18	–	–	–	–	–	5	6	7	–	...	...
Stationary engineers and power station operators	13	6	–	–	–	–	–	–	7	–	...	...
Other craftsmen and kindred workers	181	38	–	34	28	–	23	20	38	–	5 661	7 391

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or 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	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA—Continued												
Persons of Puerto Rican Birth or Parentage—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**2 579**	**295**	**379**	**466**	**509**	**473**	**205**	**175**	**77**	–	**5 294**	**5 859**
Assemblers	181	21	30	37	41	31	14	7	–	–	5 061	5 471
Checkers, examiners, and inspectors; manufacturing	35	7	8	–	–	14	6	–	–	–	...	...
Garage workers and gas station attendants	30	7	–	9	6	–	–	–	8	–	...	...
Laundry and drycleaning operatives, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–
Meat cutters and butchers	101	–	19	14	36	–	17	4	11	–	5 486	...
Mine operatives, n.e.c.	13	–	–	–	–	5	–	8	–	–	...	...
Packers and wrappers, except produce	244	33	36	41	36	71	10	17	–	–	5 333	5 793
Painters, manufactured articles	80	–	23	13	11	17	–	16	–	–	...	...
Precision machine operatives	69	21	27	–	8	7	6	–	–	–	...	...
Sawyers	11	–	–	–	–	–	11	–	–	–	...	...
Stationary firemen	21	–	–	–	–	–	9	12	–	–	...	...
Textile operatives	127	18	24	25	10	21	15	7	7	–	4 860	...
Welders and flamecutters	99	–	29	16	13	21	–	14	6	–	...	...
Other metalworking operatives	133	14	7	21	34	13	21	14	9	–	5 721	...
Other specified operatives	479	84	34	78	115	94	28	25	21	–	5 378	5 896
Miscellaneous and not specified operatives	956	90	142	212	199	179	68	51	15	–	5 171	5 661
Occupation:												
Machine operatives, miscellaneous specified	359	35	27	84	81	79	13	25	15	–	5 414	5 815
Machine operatives, not specified	318	22	53	61	75	54	39	14	–	–	5 307	5 855
Miscellaneous operatives	205	27	48	37	33	37	16	7	–	–	4 743	5 096
Not specified operatives	74	6	14	30	10	9	–	5	–	–	...	...
Industry:												
Manufacturing	912	77	142	206	186	167	68	51	15	–	5 167	5 673
Durable goods	477	35	86	111	110	71	47	17	–	–	5 059	5 538
Wood products, including furniture	44	14	–	11	7	5	7	–	–	–	...	...
Primary metal industries	99	14	9	7	39	9	14	7	–	–	...	...
Fabricated metal industries	127	–	15	51	37	9	15	–	–	–	4 951	...
Machinery, including electrical	108	7	30	26	7	38	–	–	–	–	4 654	...
Motor vehicles and equipment	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	8	–	8	–	–	–	–	–	–	–	...	...
Other durable goods	91	–	24	16	20	10	11	10	–	–	...	...
Nondurable goods	429	42	56	89	76	96	21	34	15	–	5 362	5 889
Food and kindred products	143	19	23	28	25	35	13	–	–	–	5 060	5 300
Apparel and other fabricated textile products	7	–	7	–	–	–	–	–	–	–	...	–
Paper and allied products	111	–	22	20	32	14	8	15	–	–	5 422	...
Chemicals and allied products	55	13	4	17	7	–	–	7	7	–	...	...
Other nondurable goods	113	10	–	24	12	47	–	12	8	–	6 223	...
Not specified manufacturing industries	6	–	–	6	–	–	–	–	–	–	...	...
Nonmanufacturing industries	44	13	–	6	13	12	–	–	–	–	...	...
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	25	5	–	–	13	7	–	–	–	–	...	...
All other industries	19	8	–	6	–	5	–	–	–	–	...	...
Transport equipment operatives	**382**	**55**	**77**	**34**	**57**	**39**	**72**	**34**	**14**	–	**5 439**	**5 679**
Bus drivers	30	–	–	–	6	–	17	–	7	–	...	...
Taxicab drivers and chauffeurs	8	8	–	–	–	–	–	–	–	–	...	–
Truck drivers and deliverymen	226	28	37	14	45	32	49	14	7	–	5 756	5 817
Other transport equipment operatives	118	19	40	20	6	7	6	20	–	–	4 000	...
Laborers, except farm	**926**	**135**	**227**	**159**	**148**	**102**	**87**	**61**	**7**	–	**4 635**	**5 557**
Construction laborers	248	26	65	49	27	65	12	4	–	–	4 673	5 577
Freight, stock, and material handlers	201	40	40	18	36	30	7	23	7	–	5 069	5 909
Other specified laborers	264	22	78	43	42	–	62	17	–	–	4 744	5 958
Miscellaneous and not specified laborers	213	47	44	49	43	7	6	17	–	–	4 316	5 035
Occupation:												
Miscellaneous laborers	45	–	13	16	–	7	–	9	–	–	...	...
Not specified laborers	168	47	31	33	43	–	6	8	–	–	4 182	...
Industry:												
Manufacturing	153	24	31	49	43	–	6	–	–	–	4 439	...
Durable goods	103	24	25	28	26	–	–	–	–	–	4 089	...
Wood products, including furniture	30	8	22	–	–	–	–	–	–	–	...	...
Metal industries	34	–	–	14	20	–	–	–	–	–	...	...
Machinery, including electrical	10	–	3	7	–	–	–	–	–	–	...	...
Transportation equipment	13	–	–	7	6	–	–	–	–	–	...	...
Other durable goods	16	16	–	–	–	–	–	–	–	–	...	–
Nondurable goods	50	–	6	21	17	–	6	–	–	–	...	...
Food and kindred products	28	–	6	5	11	–	6	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	60	23	13	–	–	7	–	17	–	–	...	...
Railroads and railway express service	7	–	–	–	–	7	–	–	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	9	–	–	–	–	–	–	9	–	–	...	...
Wholesale and retail trade	37	23	6	–	–	–	–	8	–	–	...	...
All other industries	7	–	7	–	–	–	–	–	–	–	...	...
Farmers and farm managers	**6**	–	–	–	**6**	–	–	–	–	–	...	...
Farm laborers and farm foremen	**374**	**109**	**163**	**44**	**17**	**21**	**6**	**4**	**10**	–	**2 957**	**3 482**
Paid farm laborers and farm foremen	374	109	163	44	17	21	6	4	10	–	2 957	3 482
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**1 227**	**191**	**273**	**182**	**178**	**117**	**134**	**118**	**27**	**7**	**4 821**	**5 522**
Cleaning service workers	277	37	36	66	61	27	24	26	–	–	4 992	5 347
Food service workers	663	122	190	105	79	59	59	36	6	7	4 186	4 928
Cooks, except private household	215	14	45	13	32	38	38	29	6	–	6 092	6 581
Busboys and dishwashers	254	87	95	14	28	15	15	–	–	–	2 842	4 429
Health service workers	13	–	–	–	–	8	–	–	5	–	...	...
Personal service workers	65	16	–	5	21	–	7	–	16	–	...	...
Protective service workers	58	–	–	–	–	16	14	28	–	–	...	...
Firemen, fire protection	–	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	23	–	–	–	–	9	14	–	–	–	...	...
Policemen and detectives	35	–	–	–	–	7	–	28	–	–	...	...
Private household workers	**8**	–	**8**	–	–	–	–	–	–	–	...	–

[1]Includes allocated cases not shown separately.

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or 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	All earners	Earners worked 50 to 52 weeks
PITTSBURGH SMSA												
Total												
Experienced civilian labor force	**586 754**	**48 495**	**37 967**	**25 272**	**41 859**	**61 555**	**74 524**	**124 324**	**117 572**	**55 186**	**8 060**	**8 727**
Professional, technical, and kindred workers	**87 742**	**3 893**	**4 784**	**2 079**	**3 204**	**5 212**	**6 765**	**14 905**	**26 650**	**20 250**	**10 568**	**11 558**
Accountants	6 909	272	208	151	239	317	565	1 382	2 370	1 405	10 676	11 315
Architects	495	16	23	15	17	10	4	35	138	237	14 620	15000+
Computer specialists	2 367	84	97	50	65	164	191	543	877	296	9 961	10 740
Engineers	17 871	244	324	168	198	286	560	1 814	7 778	6 499	13 434	13 757
Aeronautical and astronautical	74	5	–	–	–	–	–	5	19	45	...	...
Civil	2 153	32	48	34	33	38	51	182	977	758	13 370	13 710
Electrical and electronic	3 579	42	84	25	47	45	103	329	1 568	1 336	13 554	13 914
Mechanical	2 651	11	47	14	39	28	55	221	1 304	932	13 491	13 797
Other engineers	9 414	154	145	95	79	175	351	1 077	3 910	3 428	13 364	13 671
Lawyers and judges	2 695	106	108	52	27	40	92	160	456	1 654	15000+	15000+
Life and physical scientists	2 999	48	106	33	83	85	190	515	1 070	869	12 054	12 502
Chemists	2 251	39	73	17	70	71	137	438	812	594	11 727	12 180
Physicians, dentists, and related practitioners	6 187	214	293	120	59	148	210	536	1 101	3 506	15000+	15000+
Dentists	1 114	20	59	27	11	25	32	104	220	616	15000+	15000+
Pharmacists	1 419	117	65	39	17	38	73	186	532	352	11 640	12 281
Physicians, medical and osteopathic	3 114	67	139	38	31	66	88	205	237	2 243	15000+	15000+
Other related practitioners	540	10	30	16	–	19	17	41	112	295	15000+	15000+
Health technologists and technicians	877	107	115	43	96	97	117	109	155	38	6 799	7 509
Religious workers	2 367	302	447	159	264	353	220	277	233	112	6 033	6 316
Social scientists	1 009	17	25	11	33	37	43	120	338	385	13 232	13 986
Social and recreation workers	1 132	160	108	8	58	112	149	262	245	30	7 805	8 744
Teachers	13 455	910	1 212	396	373	1 271	1 325	3 009	3 668	1 291	8 825	9 865
College and university	3 723	245	424	123	118	138	109	421	1 112	1 033	11 275	13 196
Elementary and prekindergarten	2 316	210	249	120	56	380	294	599	365	43	7 486	8 538
Secondary	6 704	340	471	116	161	669	850	1 865	2 058	174	8 799	9 060
Engineering and science technicians	13 098	469	724	468	829	1 352	1 956	3 501	3 367	432	8 429	8 780
Draftsmen and surveyors	7 176	265	480	310	458	682	777	1 710	2 274	220	8 720	9 141
Electrical and electronic engineering technicians	1 475	66	45	28	105	165	286	367	357	56	8 232	8 659
Technicians, except health, and engineering and science	980	57	43	34	38	61	62	166	215	304	10 674	11 520
Airplane pilots	377	5	11	7	–	10	–	26	77	241	15000+	15000+
Writers, artists, and entertainers	5 140	395	289	142	355	333	357	817	1 445	1 007	9 711	10 666
Other professional, technical, and kindred workers	10 161	492	662	229	470	546	724	1 659	3 194	2 185	10 467	11 425
Managers and administrators, except farm	**54 519**	**1 494**	**1 503**	**1 274**	**2 035**	**3 216**	**3 986**	**8 384**	**15 242**	**17 385**	**11 761**	**12 245**
Buyers, purchasing agents, and sales managers	8 543	128	196	173	192	455	586	1 431	2 409	2 973	12 305	12 712
School administrators	1 429	24	25	6	18	32	43	135	673	473	13 206	13 689
Specified managers and administrators, public administration	2 470	26	44	82	112	263	329	503	792	319	9 507	9 733
Other specified managers and administrators	10 466	405	413	363	489	710	1 068	1 961	3 010	2 047	9 820	10 493
Managers and administrators, n.e.c., salaried	25 295	479	474	339	746	1 156	1 479	3 589	7 113	9 920	13 083	13 440
Manufacturing	7 746	74	38	53	79	171	267	656	2 105	4 303	15000+	15000+
Wholesale and retail trade	7 891	234	248	144	415	555	673	1 579	1 949	2 094	10 250	10 764
Transportation, communications, and other public utilities	2 576	19	16	23	19	90	131	493	1 046	739	12 376	12 545
All other industries	7 082	152	172	119	233	340	408	861	2 013	2 784	13 120	13 574
Managers and administrators, n.e.c., self-employed	6 316	432	351	311	478	600	481	765	1 245	1 653	9 320	9 759
Construction	1 161	64	36	19	43	109	68	172	256	394	11 357	12 484
Manufacturing	440	37	26	17	24	45	15	39	95	142	10 895	11 815
Wholesale and retail trade	3 416	210	209	205	303	350	319	391	640	789	8 573	9 084
All other industries	1 299	121	80	70	108	96	79	163	254	328	9 172	9 681
Sales workers	**39 018**	**5 405**	**2 566**	**1 474**	**2 289**	**3 140**	**3 469**	**5 823**	**8 778**	**6 074**	**8 400**	**9 438**
Insurance agents, brokers, and underwriters	4 857	122	177	157	231	504	376	1 004	1 315	971	9 716	10 096
Real estate agents and brokers	1 355	104	64	46	41	107	79	178	305	431	10 959	12 216
Sales representatives, manufacturing industries	5 264	152	167	64	153	228	444	865	1 873	1 318	11 492	11 920
Sales representatives, wholesale trade	7 057	225	348	297	370	566	756	1 248	1 852	1 395	9 549	10 000
Sales clerks, retail trade	9 926	3 016	1 092	494	782	1 014	863	1 079	1 074	512	5 462	7 146
Salesmen, retail trade	4 250	373	278	263	412	387	506	625	951	455	7 814	8 520
Salesmen of services and construction	1 880	134	125	27	65	91	165	381	583	309	9 748	10 417
Other sales workers	4 429	1 279	315	126	235	243	280	443	825	683	7 059	8 501
Clerical and kindred workers	**47 978**	**3 675**	**3 024**	**2 189**	**3 732**	**6 454**	**8 623**	**12 802**	**6 121**	**1 358**	**7 570**	**7 962**
Bank tellers and cashiers	1 496	334	233	88	197	264	169	170	30	11	5 472	6 437
Bookkeepers and billing clerks	4 157	203	188	161	379	493	743	1 160	655	175	7 881	8 159
Mail handlers and postal clerks	7 614	313	341	185	298	854	1 810	3 085	668	60	8 004	8 233
Other clerical and kindred workers	34 711	2 825	2 262	1 755	2 858	4 843	5 901	8 387	4 768	1 112	7 477	7 918
Craftsmen and kindred workers	**135 170**	**5 216**	**5 552**	**4 284**	**8 492**	**13 431**	**18 116**	**36 566**	**36 381**	**7 132**	**8 683**	**9 012**
Apparel craftsmen and upholsterers	736	83	85	76	89	137	89	94	63	20	6 255	6 734
Bakers	1 235	68	86	69	142	214	274	250	106	26	7 141	7 328
Cabinetmakers	534	37	58	43	56	88	60	121	71	–	6 830	7 063
Construction craftsmen	33 662	1 360	1 738	1 207	2 232	3 079	4 060	7 920	9 479	2 587	8 797	9 282
Carpenters	7 911	349	468	346	629	731	956	1 699	2 406	327	8 561	9 181
Excavating, grading, and road machine operators	3 240	78	174	88	200	451	468	820	839	122	8 393	8 346
Electricians	6 167	140	188	145	225	353	655	1 703	1 827	931	9 618	9 751
Masons and tile setters	3 292	103	137	180	170	387	360	852	976	127	8 725	9 401
Painters, construction and maintenance, and paperhangers	3 270	342	361	213	377	339	414	603	517	104	7 007	8 287
Plasterers and cement finishers	1 437	73	90	43	134	145	157	242	467	86	8 632	10 276
Plumbers and pipe fitters	5 568	138	139	96	323	463	687	1 440	1 661	621	9 303	9 407
Other construction craftsmen	2 777	137	181	96	174	210	363	561	786	269	8 811	9 369
Foremen, n.e.c	18 733	278	140	145	368	776	1 414	4 430	9 158	2 024	10 991	11 172
Manufacturing	12 375	165	77	61	128	420	765	2 829	6 671	1 259	11 306	11 453
Nonmanufacturing industries	6 358	113	63	84	240	356	649	1 601	2 487	765	10 147	10 412
Linemen and servicemen, telephone and power	3 801	99	104	47	203	263	364	821	1 672	228	9 999	10 281
Locomotive engineers and firemen	1 505	16	10	21	22	26	125	394	783	108	10 884	11 132
Mechanics and repairmen	27 911	1 553	1 613	1 246	2 292	3 324	4 126	7 831	5 255	671	7 952	8 308
Air conditioning, heating, and refrigeration	1 161	71	61	64	89	156	153	251	231	85	7 912	8 432
Aircraft	781	20	14	5	18	23	198	478	20	11 124	11 231
Automobile, including body	10 005	712	962	701	1 198	1 452	1 418	2 119	1 218	225	6 985	7 382
Radio and television	1 260	114	93	61	90	157	174	293	244	34	7 661	8 334
Other mechanics and repairmen	14 704	636	483	415	910	1 541	2 358	4 970	3 084	307	8 406	8 650
Metal craftsmen, except mechanics	19 434	467	438	388	1 093	1 929	3 030	6 709	4 821	559	8 707	8 896
Machinists and job and die setters	6 705	165	193	195	438	780	1 182	2 379	1 322	51	8 336	8 617
Sheetmetal workers and tinsmiths	1 461	36	72	5	54	127	216	345	469	137	9 278	9 098
Tool and die makers	1 972	54	50	16	114	178	256	607	636	61	9 048	9 234
Other metal craftsmen	9 296	212	123	172	487	844	1 376	3 378	2 394	310	8 849	9 031
Printing craftsmen	3 263	143	129	177	270	429	412	816	795	92	8 175	8 495
Compositors and typesetters	1 467	68	71	90	116	164	191	398	342	27	8 168	8 521
Pressmen and plate printers, printing	1 378	60	58	61	133	233	163	336	284	50	7 883	8 177
Stationary engineers and power station operators	3 015	41	40	58	116	274	464	1 167	750	105	8 882	8 979
Other craftsmen and kindred workers	21 341	1 071	1 111	807	1 609	2 892	3 698	6 013	3 428	712	7 860	8 245

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PITTSBURGH SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**91 148**	**6 752**	**5 815**	**3 930**	**7 426**	**12 851**	**16 554**	**24 480**	**12 222**	**1 118**	**7 532**	**7 954**
Assemblers	4 509	241	294	99	373	684	962	1 215	625	16	7 586	7 993
Checkers, examiners, and inspectors; manufacturing	6 144	157	180	161	372	883	1 186	2 116	994	95	8 126	8 372
Garage workers and gas station attendants	4 642	2 581	894	234	279	256	151	125	111	11	1 799	4 669
Laundry and drycleaning operatives, n.e.c	602	85	111	78	110	87	59	42	14	16	5 245	5 571
Meat cutters and butchers	2 616	173	177	148	226	314	411	871	211	85	7 657	7 897
Mine operatives, n.e.c	2 187	59	73	59	136	252	361	892	346	9	8 344	8 668
Packers and wrappers, except produce	2 184	233	200	156	274	390	404	409	118	–	6 587	7 145
Painters, manufactured articles	1 148	46	99	42	101	223	264	263	110	–	7 239	7 550
Precision machine operatives	9 109	266	375	276	639	1 412	1 986	2 795	1 333	27	7 799	8 120
Sawyers	660	28	63	53	76	146	138	128	28	–	6 753	7 070
Stationary firemen	1 600	30	75	57	98	227	254	570	277	12	8 207	8 467
Textile operatives	34	–	–	–	19	4	–	5	6	–	...	...
Welders and flamecutters	9 406	276	390	360	676	1 210	1 771	2 782	1 666	275	8 014	8 370
Other metalworking operatives	7 182	235	296	169	454	738	1 340	2 192	1 628	130	8 328	8 697
Other specified operatives	12 774	1 014	979	749	1 148	1 868	2 189	2 782	1 787	258	7 287	7 748
Miscellaneous and not specified operatives	26 351	1 328	1 609	1 289	2 445	4 157	5 078	7 293	2 968	184	7 462	7 813
Occupation:												
Machine operatives, miscellaneous specified	10 032	470	622	497	988	1 558	1 910	2 725	1 207	55	7 461	7 782
Machine operatives, not specified	3 911	145	203	218	322	674	835	1 059	433	22	7 471	7 759
Miscellaneous operatives	7 793	474	507	377	739	1 325	1 442	2 191	692	46	7 329	7 761
Not specified operatives	4 615	239	277	197	396	600	891	1 318	636	61	7 672	8 008
Industry:												
Manufacturing	23 492	1 059	1 354	1 116	2 135	3 777	4 625	6 587	2 695	144	7 498	7 831
Durable goods	20 127	825	1 029	898	1 778	3 212	4 081	5 790	2 384	130	7 569	7 881
Wood products, including furniture	232	35	36	26	49	25	28	9	19	5	5 388	6 289
Primary metal industries	10 214	324	344	318	788	1 503	2 258	3 272	1 337	70	7 810	8 044
Fabricated metal industries	2 372	94	192	116	294	370	448	569	268	21	7 268	7 654
Machinery, including electrical	3 560	165	179	152	237	641	660	1 048	454	24	7 615	7 957
Motor vehicles and equipment	106	9	6	5	8	6	5	38	29	–	8 737	...
Transportation equipment, except motor vehicles	557	29	34	22	40	96	170	122	44	–	7 338	7 650
Other durable goods	3 086	169	238	259	362	571	512	732	233	10	6 902	7 456
Nondurable goods	3 271	227	311	207	357	556	523	778	298	14	6 960	7 470
Food and kindred products	1 019	68	114	50	94	188	173	273	59	–	6 976	7 397
Apparel and other fabricated textile products	28	3	13	–	7	–	5	–	–	–	...	...
Paper and allied products	675	73	96	69	153	103	86	64	27	4	5 650	6 090
Chemicals and allied products	813	14	32	25	47	139	179	253	124	–	7 835	8 198
Other nondurable goods	736	69	56	63	56	126	80	188	88	10	6 984	7 813
Not specified manufacturing industries	94	7	14	11	–	9	21	19	13	–	...	...
Nonmanufacturing industries	2 859	269	255	173	310	380	453	706	273	40	7 094	7 639
Transportation, communications, and other public utilities	848	21	20	33	44	90	201	348	91	–	8 086	8 245
Wholesale and retail trade	956	131	116	82	119	124	136	158	60	30	6 242	7 104
All other industries	1 055	117	119	58	147	166	116	200	122	10	6 521	7 317
Transport equipment operatives	**34 291**	**2 557**	**2 298**	**1 836**	**2 836**	**3 852**	**4 839**	**8 918**	**6 330**	**825**	**7 778**	**8 275**
Bus drivers	2 347	209	148	104	136	96	202	886	556	10	8 629	9 026
Taxicab drivers and chauffeurs	1 434	248	359	188	248	144	82	96	64	5	4 585	5 441
Truck drivers and deliverymen	22 697	1 630	1 336	1 093	1 823	2 587	3 129	5 722	4 652	725	7 920	8 391
Other transport equipment operatives	7 813	470	455	451	629	1 025	1 426	2 214	1 058	85	7 615	7 984
Laborers, except farm	**47 714**	**8 215**	**5 388**	**3 175**	**5 676**	**8 024**	**7 641**	**6 551**	**2 693**	**351**	**6 175**	**6 945**
Construction laborers	8 363	902	942	680	1 278	1 319	1 160	1 322	637	123	6 288	6 944
Freight, stock, and material handlers	16 087	3 716	1 859	887	1 535	2 281	2 650	2 284	801	74	6 020	7 034
Other specified laborers	7 524	2 025	1 034	503	839	1 132	875	650	365	101	5 238	6 499
Miscellaneous and not specified laborers	15 740	1 572	1 553	1 105	2 024	3 292	2 956	2 295	890	53	6 491	7 042
Occupation:												
Miscellaneous laborers	6 291	442	443	324	661	1 207	1 525	1 193	462	34	7 045	7 380
Not specified laborers	9 449	1 130	1 110	781	1 363	2 085	1 431	1 102	428	19	6 163	6 772
Industry:												
Manufacturing	12 742	958	1 160	844	1 578	2 723	2 623	2 018	810	28	6 672	7 179
Durable goods	11 993	839	1 069	786	1 475	2 598	2 488	1 950	764	24	6 703	7 193
Wood products, including furniture	110	28	24	13	12	15	13	5	–	–	4 231	...
Metal industries	9 737	602	825	568	1 193	2 156	2 052	1 687	635	19	6 779	7 252
Machinery, including electrical	947	74	55	69	116	237	198	127	71	–	6 673	6 893
Transportation equipment	260	31	38	15	24	47	64	36	–	5	6 468	7 105
Other durable goods	939	104	127	121	130	143	161	95	58	–	5 904	7 012
Nondurable goods	727	114	90	53	98	125	129	68	46	4	6 068	6 963
Food and kindred products	243	52	15	9	22	68	60	11	6	–	6 346	6 831
Not specified manufacturing industries	22	5	1	5	5	–	6	–	–	–	...	...
Nonmanufacturing industries	2 998	614	393	261	446	569	333	277	80	25	5 518	6 407
Railroads and railway express service	629	44	49	22	88	211	102	85	28	–	6 528	6 701
Transportation, except railroads	149	15	15	10	23	24	35	22	5	–	6 479	...
Communications, and utilities and sanitary services	476	31	27	51	111	115	70	67	4	–	6 157	6 354
Wholesale and retail trade	706	207	112	61	104	83	51	54	19	15	4 557	6 338
All other industries	1 038	317	190	117	120	136	75	49	24	10	4 103	5 867
Farmers and farm managers	**1 972**	**498**	**395**	**173**	**127**	**151**	**95**	**164**	**201**	**168**	**4 538**	**4 748**
Farm laborers and farm foremen	**1 560**	**646**	**305**	**76**	**218**	**125**	**53**	**69**	**51**	**17**	**2 879**	**4 854**
Paid farm laborers and farm foremen	1 470	587	285	76	218	120	53	69	45	17	3 039	5 099
Unpaid family workers	90	59	20	–	–	5	–	–	6	–	...	...
Service workers, except private household[1]	**45 388**	**10 024**	**6 309**	**4 733**	**5 793**	**5 094**	**4 377**	**5 654**	**2 896**	**508**	**5 281**	**6 325**
Cleaning service workers	16 392	3 317	2 580	2 422	3 058	2 170	1 370	954	453	68	4 949	5 569
Food service workers	9 184	3 658	1 641	892	882	691	502	463	380	75	3 138	5 282
Cooks, except private household	2 294	831	417	197	176	180	178	167	139	9	3 516	6 241
Busboys and dishwashers	1 977	1 482	335	104	37	8	–	6	5	–	1 334	2 691
Health service workers	1 469	371	341	146	191	176	111	103	24	6	4 154	5 696
Personal service workers	4 886	1 244	618	533	604	508	390	414	417	158	5 079	6 054
Protective service workers	10 839	851	674	475	811	1 285	1 772	3 382	1 430	159	7 747	8 150
Firemen, fire protection	1 534	33	9	26	49	87	165	705	418	42	9 129	9 199
Guards and watchmen	4 228	549	524	362	498	537	712	808	211	27	6 337	7 161
Policemen and detectives	4 533	121	92	53	233	558	791	1 817	783	85	8 461	8 578
Private household workers	**254**	**120**	**28**	**49**	**31**	**5**	**6**	**8**	**7**	**–**	**2 500**	**4 444**

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PITTSBURGH SMSA—Continued												
Negro												
Experienced civilian labor force	**30 375**	**3 728**	**3 711**	**2 850**	**3 598**	**4 328**	**4 509**	**4 951**	**2 234**	**466**	**6 300**	**6 924**
Professional, technical, and kindred workers	**2 024**	**156**	**194**	**170**	**179**	**291**	**162**	**324**	**351**	**197**	**7 136**	**8 073**
Accountants	89	–	3	25	5	3	16	32	5	–	...	...
Architects	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	31	–	–	–	–	14	7	–	10	–	...	...
Engineers	137	10	12	22	9	10	4	26	28	16	8 115	9 192
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	37	–	12	9	–	10	–	6	–	–	...	...
Electrical and electronic	40	–	–	6	5	–	–	3	10	16	...	...
Mechanical	10	–	–	–	–	–	–	5	5	–	...	...
Other engineers	50	10	–	7	4	–	4	12	13	–	...	...
Lawyers and judges	42	4	–	–	–	7	–	–	11	20	...	...
Life and physical scientists	58	–	–	–	13	6	–	12	20	7	...	...
Chemists	46	–	–	–	13	6	–	12	15	–	...	...
Physicians, dentists, and related practitioners	130	11	10	–	–	–	–	17	39	53	13 462	...
Dentists	31	–	–	–	–	–	–	7	10	14	...	...
Pharmacists	21	5	–	–	–	–	–	–	16	–	...	...
Physicians, medical and osteopathic	72	6	4	–	–	–	–	10	13	39	...	...
Other related practitioners	6	–	6	–	–	–	–	–	–	–	...	...
Health technologists and technicians	51	–	–	–	10	14	12	15	–	–	...	...
Religious workers	126	9	11	31	11	6	15	12	19	12	6 167	7 167
Social scientists	16	–	–	–	4	–	–	8	–	4	...	...
Social and recreation workers	96	12	13	–	15	21	–	7	23	5	...	...
Teachers	330	27	29	12	15	35	37	64	67	44	8 313	9 095
College and university	129	14	21	–	9	5	4	12	31	33	9 917	...
Elementary and prekindergarten	65	4	–	12	–	16	5	–	17	11	...	...
Secondary	126	9	8	–	6	7	28	52	16	–	8 192	...
Engineering and science technicians	284	19	33	41	27	86	30	24	24	–	6 256	6 607
Draftsmen and surveyors	133	6	25	26	6	51	2	10	7	–	6 069	6 272
Electrical and electronic engineering technicians	31	–	3	4	–	5	19	–	–	–	...	...
Technicians, except health, and engineering and science	20	5	5	–	–	10	–	–	–	–	...	...
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	180	18	18	14	28	10	14	15	54	9	7 143	8 400
Other professional, technical, and kindred workers	434	41	60	25	42	69	27	92	51	27	6 710	8 012
Managers and administrators, except farm	**908**	**51**	**33**	**107**	**77**	**95**	**84**	**176**	**184**	**101**	**8 080**	**8 509**
Buyers, purchasing agents, and sales managers	100	–	10	7	3	16	12	21	31	–	...	...
School administrators	40	4	–	–	5	–	–	–	6	25	...	...
Specified managers and administrators, public administration	92	–	–	11	–	13	5	21	39	3	...	...
Other specified managers and administrators	283	22	6	52	25	15	37	39	34	53	7 581	8 029
Managers and administrators, n.e.c., salaried	258	4	10	25	23	20	26	81	49	20	8 519	8 692
Manufacturing	49	4	–	–	–	–	–	27	11	7	...	...
Wholesale and retail trade	114	–	10	13	19	15	17	30	10	–	7 000	7 382
Transportation, communications, and other public utilities	12	–	–	–	–	–	–	6	–	6	...	...
All other industries	83	–	–	12	4	5	9	18	28	7	...	...
Managers and administrators, n.e.c., self-employed	135	21	7	12	21	31	4	14	25	–	6 210	6 560
Construction	16	–	–	–	–	–	–	9	7	–	...	...
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	83	14	4	5	10	27	–	5	18	–	...	...
All other industries	36	7	3	7	11	4	4	–	–	–	...	...
Sales workers	**778**	**167**	**154**	**80**	**76**	**123**	**53**	**54**	**66**	**5**	**4 850**	**6 038**
Insurance agents, brokers, and underwriters	119	–	19	16	12	35	10	19	8	–	6 357	...
Real estate agents and brokers	23	–	–	4	–	–	9	–	5	5	...	...
Sales representatives, manufacturing industries	71	–	–	5	13	17	4	12	20	–	...	...
Sales representatives, wholesale trade	54	6	7	11	–	6	7	11	6	–	...	...
Sales clerks, retail trade	238	73	34	30	22	41	13	4	21	–	4 400	5 208
Salesmen, retail trade	77	4	20	9	19	14	5	–	6	–	...	...
Salesmen of services and construction	24	4	12	–	–	–	5	3	–	–	...	...
Other sales workers	172	80	62	5	10	10	–	5	–	–	2 194	...
Clerical and kindred workers	**2 680**	**274**	**289**	**171**	**315**	**428**	**411**	**676**	**114**	**2**	**6 680**	**7 336**
Bank tellers and cashiers	62	28	12	5	5	5	–	5	–	2	...	...
Bookkeepers and billing clerks	85	5	3	–	15	11	19	22	10	–	...	...
Mail handlers and postal clerks	946	68	63	9	59	96	221	395	35	–	7 805	8 208
Other clerical and kindred workers	1 587	173	211	157	236	316	171	254	69	–	6 052	6 564
Craftsmen and kindred workers	**4 162**	**365**	**273**	**273**	**424**	**628**	**820**	**863**	**456**	**60**	**7 144**	**7 485**
Apparel craftsmen and upholsterers	26	5	10	6	–	5	–	–	–	–	...	...
Bakers	42	6	4	–	–	25	7	–	–	–	...	...
Cabinetmakers	7	7	–	–	–	–	–	–	–	–	...	...
Construction craftsmen	982	90	84	90	89	160	153	180	120	16	6 863	7 490
Carpenters	192	17	18	25	2	32	30	42	23	3	7 067	7 705
Excavating, grading, and road machine operators	107	–	10	4	19	26	15	29	4	–	6 788	...
Electricians	116	3	–	4	–	18	29	30	25	7	8 267	8 348
Masons and tile setters	169	6	20	34	17	38	31	12	11	–	6 197	...
Painters, construction and maintenance, and paperhangers	195	56	12	23	30	11	25	12	26	–	5 217	...
Plasterers and cement finishers	67	8	20	–	4	10	–	6	19	–	...	...
Plumbers and pipe fitters	110	–	4	–	11	21	23	39	12	–	7 826	...
Other construction craftsmen	26	–	–	–	6	4	–	10	–	6	...	...
Foremen, n.e.c	420	9	4	48	36	40	58	110	115	–	8 273	8 614
Manufacturing	210	4	4	23	18	14	33	40	74	–	8 450	9 441
Nonmanufacturing industries	210	5	–	25	18	26	25	70	41	–	8 171	8 041
Linemen and servicemen, telephone and power	128	29	4	–	9	35	27	24	–	–	6 629	...
Locomotive engineers and firemen	42	–	–	–	–	–	14	21	7	–	...	...
Mechanics and repairmen	712	98	56	48	102	86	128	117	70	7	6 605	6 857
Air conditioning, heating, and refrigeration	18	–	–	–	–	5	5	2	6	–	...	...
Aircraft	12	–	–	–	–	–	–	5	7	–	...	...
Automobile, including body	371	59	37	22	71	38	72	49	23	–	5 951	6 224
Radio and television	34	–	–	9	5	10	4	6	–	–	...	...
Other mechanics and repairmen	277	39	19	17	26	33	47	55	34	7	7 096	7 484
Metal craftsmen, except mechanics	572	48	17	9	84	75	170	121	48	–	7 312	7 496
Machinists and job and die setters	163	12	4	–	24	34	55	26	8	–	7 136	7 194
Sheetmetal workers and tinsmiths	33	–	4	–	5	13	6	–	5	–	...	...
Tool and die makers	18	5	4	–	–	–	2	7	–	–	...	...
Other metal craftsmen	358	31	5	9	55	28	107	88	35	–	7 477	7 720
Printing craftsmen	119	27	–	–	22	33	21	–	11	5	6 318	...
Compositors and typesetters	49	13	–	–	22	6	–	–	3	5	...	...
Pressmen and plate printers, printing	46	3	–	–	–	22	13	–	8	–	...	...
Stationary engineers and power station operators	85	–	–	–	–	10	21	50	–	4	...	...
Other craftsmen and kindred workers	1 027	46	94	72	82	159	221	240	85	28	7 274	7 605

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
PITTSBURGH SMSA—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**5 443**	**466**	**599**	**387**	**579**	**857**	**1 129**	**1 012**	**370**	**44**	**6 806**	**7 306**
Assemblers	190	26	34	10	18	31	31	23	17	–	6 226	7 210
Checkers, examiners, and inspectors; manufacturing	161	8	26	9	9	39	15	24	31	–	6 731	6 949
Garage workers and gas station attendants	162	66	26	16	24	13	12	5	–	–	3 154	...
Laundry and drycleaning operatives, n.e.c	116	6	28	14	34	9	20	5	–	–	5 294	...
Meat cutters and butchers	93	11	5	5	–	19	20	10	13	10	...	...
Mine operatives, n.e.c	86	3	4	12	7	15	9	31	5	–	...	...
Packers and wrappers, except produce	127	9	22	6	3	25	27	35	–	–	6 940	...
Painters, manufactured articles	48	–	7	4	12	17	6	2	–	–	...	...
Precision machine operatives	296	11	15	20	20	39	76	95	20	–	7 566	7 720
Sawyers	–	–	–	–	–	–	–	–	–	–	–	–
Stationary firemen	107	5	7	5	9	41	19	13	8	–	6 671	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–
Welders and flamecutters	435	20	64	32	40	75	103	55	35	11	6 820	7 129
Other metalworking operatives	758	34	12	23	56	117	208	195	101	12	7 659	7 918
Other specified operatives	1 242	129	233	110	124	183	228	168	63	4	6 137	7 143
Miscellaneous and not specified operatives	1 622	138	116	121	223	234	355	351	77	7	6 910	7 279
Occupation:												
Machine operatives, miscellaneous specified	636	64	62	46	94	81	139	112	38	–	6 642	7 196
Machine operatives, not specified	192	23	4	18	24	33	54	36	–	–	6 818	7 096
Miscellaneous operatives	482	34	33	24	51	78	121	107	27	7	7 174	7 453
Not specified operatives	312	17	17	33	54	42	41	96	12	–	6 833	7 196
Industry:												
Manufacturing	1 434	122	104	104	171	199	326	331	70	7	7 052	7 365
Durable goods	1 188	78	73	82	127	157	294	300	70	7	7 262	7 541
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Primary metal industries	811	39	27	64	69	116	244	202	43	7	7 371	7 571
Fabricated metal industries	103	4	21	–	10	5	8	50	5	–	8 140	...
Machinery, including electrical	109	15	–	–	13	18	25	32	6	–	7 340	...
Motor vehicles and equipment	10	–	–	5	5	–	–	–	–	–	...	...
Transportation equipment, except motor vehicles	24	6	–	–	–	8	5	–	5	–	...	...
Other durable goods	131	14	25	13	30	10	12	16	11	–	5 450	...
Nondurable goods	234	37	31	22	44	37	32	31	–	–	5 614	6 216
Food and kindred products	82	17	17	14	10	17	7	–	–	–	...	...
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	58	15	–	3	28	12	–	–	–	–	...	...
Chemicals and allied products	39	–	9	5	3	–	13	9	–	–	...	...
Other nondurable goods	55	5	5	–	3	8	12	22	–	–	...	...
Not specified manufacturing industries	12	7	–	–	–	5	–	–	–	–	...	...
Nonmanufacturing industries	188	16	12	17	52	35	29	20	7	–	5 942	6 407
Transportation, communications, and other public utilities	42	–	6	–	–	12	11	13	–	–	...	...
Wholesale and retail trade	75	8	–	4	35	20	8	–	–	–	...	...
All other industries	71	8	6	13	17	3	10	7	7	–	...	...
Transport equipment operatives	**2 222**	**209**	**234**	**253**	**204**	**227**	**388**	**506**	**183**	**18**	**6 930**	**7 301**
Bus drivers	114	32	–	–	–	10	36	18	18	–	7 417	7 514
Taxicab drivers and chauffeurs	239	54	72	19	36	31	6	21	–	–	3 819	4 625
Truck drivers and deliverymen	1 153	86	105	120	123	115	210	226	150	18	7 131	7 467
Other transport equipment operatives	716	37	57	114	45	71	136	241	15	–	7 250	7 500
Laborers, except farm	**5 770**	**845**	**666**	**405**	**664**	**974**	**987**	**883**	**326**	**20**	**6 313**	**6 859**
Construction laborers	1 011	90	84	104	132	167	146	175	93	20	6 572	6 954
Freight, stock, and material handlers	1 634	302	169	96	201	279	237	282	68	–	6 176	6 756
Other specified laborers	1 086	256	241	76	130	112	118	80	73	–	4 605	5 914
Miscellaneous and not specified laborers	2 039	197	172	129	201	416	486	346	92	–	6 770	7 159
Occupation:												
Miscellaneous laborers	1 068	55	60	49	74	242	309	230	49	–	7 175	7 330
Not specified laborers	971	142	112	80	127	174	177	116	43	–	6 141	6 852
Industry:												
Manufacturing	1 660	106	113	94	140	346	461	308	92	–	7 067	7 318
Durable goods	1 594	101	106	76	137	346	436	300	92	–	7 071	7 323
Wood products, including furniture	–	–	–	–	–	–	–	–	–	–	–	–
Metal industries	1 434	79	81	72	114	315	406	286	81	–	7 138	7 390
Machinery, including electrical	86	12	–	4	14	19	12	14	11	–	...	...
Transportation equipment	20	–	3	–	3	7	7	–	–	–	...	...
Other durable goods	54	10	22	–	6	5	11	–	–	–	...	...
Nondurable goods	60	5	6	13	3	–	25	8	–	–	...	...
Food and kindred products	37	5	–	9	3	–	20	–	–	–	...	...
Not specified manufacturing industries	6	–	1	5	–	–	–	–	–	–	...	...
Nonmanufacturing industries	379	91	59	35	61	70	25	38	–	–	5 074	6 049
Railroads and railway express service	63	–	7	2	15	33	6	–	–	–	...	...
Transportation, except railroads	11	6	–	5	–	–	–	–	–	–	...	–
Communications, and utilities and sanitary services	109	12	9	21	19	17	6	25	–	–	5 658	...
Wholesale and retail trade	57	12	18	4	3	6	9	5	–	–	...	...
All other industries	139	61	25	3	24	14	4	8	–	–	2 680	...
Farmers and farm managers	**68**	**14**	**22**	**–**	**13**	**4**	**–**	**15**	**–**	**–**	**...**	**...**
Farm laborers and farm foremen	**80**	**29**	**4**	**–**	**7**	**10**	**–**	**12**	**18**	**–**	**...**	**...**
Paid farm laborers and farm foremen	80	29	4	–	7	10	–	12	18	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**6 150**	**1 126**	**1 226**	**967**	**1 050**	**691**	**475**	**430**	**166**	**19**	**4 748**	**5 406**
Cleaning service workers	3 262	503	679	598	699	388	224	121	44	6	4 751	5 194
Food service workers	766	183	227	117	80	40	37	63	19	–	3 762	4 860
Cooks, except private household	253	47	65	33	22	30	22	34	–	–	4 439	6 617
Busboys and dishwashers	180	77	77	15	6	–	–	–	5	–	2 338	...
Health service workers	365	82	68	48	64	43	47	13	–	–	4 677	5 819
Personal service workers	507	140	80	44	87	66	28	23	34	5	4 761	5 763
Protective service workers	640	73	65	65	59	94	81	139	60	4	6 617	7 270
Firemen, fire protection	25	–	–	–	7	–	7	7	4	–	...	...
Guards and watchmen	334	57	48	48	45	48	46	38	–	4	5 311	5 951
Policemen and detectives	253	10	11	12	7	40	28	94	51	–	8 394	8 744
Private household workers	**90**	**26**	**17**	**37**	**10**	**–**	**–**	**–**	**–**	**–**	**...**	**...**

[1]Includes allocated cases not shown separately.

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
READING SMSA												
Total												
Experienced civilian labor force	**79 282**	**6 496**	**5 745**	**4 757**	**7 644**	**10 425**	**10 297**	**16 233**	**13 070**	**4 615**	**7 444**	**7 903**
Professional, technical, and kindred workers	**8 218**	**328**	**488**	**230**	**350**	**697**	**680**	**1 713**	**2 424**	**1 308**	**9 560**	**10 068**
Accountants	660	36	42	32	54	60	54	131	175	76	8 794	9 382
Architects	28	–	–	–	–	–	–	3	10	15	...	...
Computer specialists	252	4	5	–	7	28	20	57	126	5	10 198	10 579
Engineers	1 572	32	37	18	33	6	73	259	706	408	12 323	12 564
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–
Civil	148	–	6	–	4	–	–	10	82	46	13 293	13 476
Electrical and electronic	431	9	15	6	5	–	24	82	150	140	12 483	12 660
Mechanical	206	7	–	–	12	–	17	9	77	84	13 766	14 286
Other engineers	787	16	16	12	12	6	32	158	397	138	11 782	11 962
Lawyers and judges	139	9	6	–	6	–	–	5	30	77	15000+	15000+
Life and physical scientists	237	9	7	–	–	17	16	36	92	60	11 821	12 446
Chemists	198	9	7	–	–	17	16	36	73	40	10 959	11 747
Physicians, dentists, and related practitioners	577	3	20	11	9	23	16	63	63	369	15000+	15000+
Dentists	138	–	–	6	–	9	–	19	15	89	15000+	...
Pharmacists	64	3	5	–	4	–	–	18	30	4	...	...
Physicians, medical and osteopathic	309	–	–	5	–	14	11	17	18	244	15000+	15000+
Other related practitioners	66	–	15	–	5	–	5	9	–	32	...	...
Health technologists and technicians	78	6	16	–	4	22	–	26	4	–	...	...
Religious workers	246	5	37	8	26	61	18	38	30	23	6 770	6 856
Social scientists	67	5	–	4	5	–	–	9	39	5	...	...
Social and recreation workers	117	42	12	–	4	20	23	10	6	–	6 025	...
Teachers	1 454	60	92	59	48	160	133	380	457	65	8 921	9 615
College and university	202	7	–	–	–	–	–	35	127	33	12 323	...
Elementary and prekindergarten	304	5	38	22	12	72	38	62	55	–	7 079	8 778
Secondary	842	35	35	37	20	77	87	249	270	32	9 044	9 947
Engineering and science technicians	1 283	34	95	53	85	208	187	328	248	45	7 890	8 365
Draftsmen and surveyors	763	14	54	32	61	119	91	220	141	31	8 095	8 550
Electrical and electronic engineering technicians	118	–	–	6	–	21	15	40	26	10	8 850	9 025
Technicians, except health, and engineering and science	64	–	–	6	9	–	9	16	20	4	...	...
Airplane pilots	21	–	–	–	5	–	–	6	10	–	...	...
Writers, artists, and entertainers	541	31	74	29	40	14	43	87	175	48	8 908	9 494
Other professional, technical, and kindred workers	909	52	45	10	20	78	88	265	243	108	9 219	9 610
Managers and administrators, except farm	**6 850**	**208**	**236**	**172**	**337**	**443**	**544**	**1 296**	**1 910**	**1 704**	**10 495**	**10 896**
Buyers, purchasing agents, and sales managers	880	10	25	21	33	111	70	191	233	186	9 780	9 951
School administrators	149	–	–	5	–	–	–	6	102	36	13 113	13 253
Specified managers and administrators, public administration	290	11	–	11	5	27	18	103	89	26	9 417	9 687
Other specified managers and administrators	1 276	40	63	37	105	113	136	220	365	197	9 309	9 746
Managers and administrators, n.e.c., salaried	3 341	84	64	59	110	113	243	633	953	1 082	11 912	12 211
Manufacturing	1 330	6	16	6	9	13	83	203	339	655	14 853	14 827
Wholesale and retail trade	946	32	30	36	45	63	89	209	271	171	9 703	10 028
Transportation, communications, and other public utilities	266	–	–	–	–	6	–	68	112	80	12 634	12 522
All other industries	799	46	18	17	56	31	71	153	231	176	10 162	10 740
Managers and administrators, n.e.c., self-employed	914	63	84	39	84	79	77	143	168	177	8 434	8 853
Construction	159	4	9	10	9	10	17	22	52	26	9 864	11 702
Manufacturing	101	11	20	–	–	6	9	14	8	33	8 643	...
Wholesale and retail trade	488	40	49	18	52	43	35	72	97	82	8 194	8 653
All other industries	166	8	6	11	23	20	16	35	11	36	7 938	7 800
Sales workers	**4 809**	**536**	**257**	**264**	**377**	**424**	**503**	**819**	**1 015**	**614**	**8 106**	**8 799**
Insurance agents, brokers, and underwriters	704	11	5	18	51	81	65	145	219	109	9 669	9 920
Real estate agents and brokers	127	10	4	9	11	5	15	16	31	26	9 188	9 769
Sales representatives, manufacturing industries	666	21	10	16	25	17	90	119	204	164	10 858	11 352
Sales representatives, wholesale trade	827	31	44	61	64	87	113	158	180	89	8 171	8 375
Sales clerks, retail trade	1 048	224	88	81	137	100	93	135	132	58	5 956	7 220
Salesmen, retail trade	675	50	48	45	38	100	71	116	133	74	7 796	8 505
Salesmen of services and construction	211	19	8	16	5	20	14	87	28	14	8 540	8 836
Other sales workers	551	170	50	18	46	14	42	43	88	80	5 815	7 667
Clerical and kindred workers	**5 484**	**505**	**313**	**328**	**580**	**928**	**962**	**1 188**	**557**	**123**	**7 091**	**7 445**
Bank tellers and cashiers	224	80	50	20	16	33	16	9	–	–	3 280	5 000
Bookkeepers and billing clerks	572	55	29	24	51	110	95	117	73	18	7 179	7 453
Mail handlers and postal clerks	503	18	5	11	20	71	152	193	22	11	7 832	7 939
Other clerical and kindred workers	4 185	352	229	273	493	714	699	869	462	94	7 045	7 417
Craftsmen and kindred workers	**19 155**	**800**	**831**	**946**	**1 622**	**2 571**	**2 918**	**4 961**	**4 004**	**502**	**7 962**	**8 264**
Apparel craftsmen and upholsterers	243	31	4	23	22	38	36	56	33	–	7 097	7 367
Bakers	213	34	10	16	22	81	27	18	5	–	6 302	6 346
Cabinetmakers	148	4	10	8	26	38	33	25	4	–	6 684	7 018
Construction craftsmen	4 530	195	299	296	438	605	691	1 013	877	116	7 625	8 031
Carpenters	1 167	49	89	100	109	160	183	297	159	21	7 418	7 717
Excavating, grading, and road machine operators	374	11	13	9	28	67	69	70	94	13	7 855	7 638
Electricians	902	15	45	24	57	83	129	245	281	23	8 800	9 017
Masons and tile setters	413	9	28	26	49	40	57	106	91	7	7 956	8 671
Painters, construction and maintenance, and paperhangers	556	65	63	50	113	89	84	59	19	14	5 885	6 690
Plasterers and cement finishers	174	4	22	15	–	38	34	45	12	4	7 235	...
Plumbers and pipe fitters	619	34	28	31	39	93	95	123	166	10	7 889	8 211
Other construction craftsmen	325	8	11	41	43	35	40	68	55	24	7 613	8 766
Foremen, n.e.c.	3 030	38	17	30	116	225	362	932	1 064	246	9 560	9 644
Manufacturing	2 202	25	6	21	92	165	280	682	779	152	9 501	9 620
Nonmanufacturing industries	828	13	11	9	24	60	82	250	285	94	9 720	9 708
Linemen and servicemen, telephone and power	575	5	19	4	38	77	82	154	188	8	8 812	8 754
Locomotive engineers and firemen	90	–	–	–	–	–	16	9	54	11	...	...
Mechanics and repairmen	4 306	239	263	272	425	710	690	1 015	633	59	7 354	7 641
Air conditioning, heating, and refrigeration	286	10	15	10	32	34	44	54	82	5	7 955	8 449
Aircraft	91	–	7	5	5	–	14	30	30	–	...	...
Automobile, including body	1 597	104	149	115	220	332	227	308	115	27	6 634	6 775
Radio and television	156	27	11	15	20	18	14	27	19	5	6 278	7 036
Other mechanics and repairmen	2 176	98	81	127	148	326	391	596	387	22	7 788	8 099
Metal craftsmen, except mechanics	3 063	39	85	117	212	381	533	1 000	686	10	8 329	8 463
Machinists and job and die setters	1 031	15	37	21	67	162	193	371	160	5	8 111	8 284
Sheetmetal workers and tinsmiths	276	4	–	20	35	38	47	76	56	–	7 872	8 155
Tool and die makers	539	14	17	23	17	27	39	180	222	–	9 472	9 683
Other metal craftsmen	1 217	6	31	53	93	154	254	373	248	5	8 094	8 090
Printing craftsmen	497	39	27	36	60	39	70	151	75	–	7 679	7 862
Compositors and typesetters	193	14	7	16	22	12	14	44	64	–	8 523	8 842
Pressmen and plate printers, printing	242	25	20	20	26	27	44	73	7	–	7 068	7 273
Stationary engineers and power station operators	190	5	–	–	20	11	30	42	77	5	9 381	9 767
Other craftsmen and kindred workers	2 270	171	97	144	243	366	348	546	308	47	7 328	7 616

Table 175. **Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
READING SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**16 680**	**1 026**	**1 342**	**1 156**	**1 985**	**2 819**	**2 859**	**3 624**	**1 802**	**67**	**7 004**	**7 362**
Assemblers	1 198	64	73	45	224	243	208	260	81	–	6 794	7 113
Checkers, examiners, and inspectors; manufacturing	968	26	39	44	60	205	232	246	116	–	7 474	7 633
Garage workers and gas station attendants	469	158	114	41	51	34	40	20	6	5	3 342	5 681
Laundry and drycleaning operatives, n.e.c	81	10	37	4	–	16	–	4	10	–	...	...
Meat cutters and butchers	373	30	14	35	44	77	54	64	46	9	6 825	7 194
Mine operatives, n.e.c.	174	9	8	4	10	23	20	89	11	–	8 292	8 432
Packers and wrappers, except produce	357	47	32	42	70	72	25	53	16	–	5 821	6 417
Painters, manufactured articles	303	9	46	30	59	60	36	48	10	5	6 125	6 450
Precision machine operatives	1 469	82	90	53	176	236	327	350	155	–	7 298	7 538
Sawyers	155	9	10	11	32	30	28	35	–	–	6 517	6 583
Stationary firemen	199	5	–	24	21	22	37	47	43	–	7 743	7 946
Textile operatives	799	50	66	120	124	163	121	94	49	12	6 242	6 699
Welders and flamecutters	1 384	41	63	63	103	220	257	383	250	4	7 786	7 949
Other metalworking operatives	1 400	54	76	65	160	228	308	336	173	–	7 380	7 597
Other specified operatives	2 431	180	304	220	323	382	342	395	266	19	6 493	6 949
Miscellaneous and not specified operatives	4 920	252	370	355	528	808	824	1 200	570	13	7 178	7 512
Occupation:												
Machine operatives, miscellaneous specified	2 514	143	153	184	321	384	404	596	329	–	7 178	7 533
Machine operatives, not specified	688	27	66	70	50	114	126	156	75	4	7 135	7 427
Miscellaneous operatives	1 103	63	109	78	92	214	148	290	100	9	6 979	7 470
Not specified operatives	615	19	42	23	65	96	146	158	66	–	7 428	7 594
Industry:												
Manufacturing	4 611	210	344	336	498	776	760	1 116	558	13	7 186	7 533
Durable goods	2 512	70	164	185	260	488	481	662	194	8	7 185	7 433
Wood products, including furniture	122	–	–	39	36	18	21	8	–	–	5 611	...
Primary metal industries	900	26	29	52	61	180	202	278	68	4	7 505	7 661
Fabricated metal industries	309	4	35	19	32	75	65	45	34	–	6 860	7 246
Machinery, including electrical	614	25	43	46	73	113	114	164	36	–	7 061	7 330
Motor vehicles and equipment	306	5	20	5	21	47	54	107	47	–	8 019	8 248
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	261	10	37	24	37	55	25	60	9	4	6 409	6 755
Nondurable goods	2 079	140	180	151	238	288	274	450	353	5	7 155	7 690
Food and kindred products	549	69	80	62	59	121	78	56	24	–	6 037	6 491
Apparel and other fabricated textile products	82	11	11	11	17	26	–	6	–	–	...	...
Paper and allied products	308	19	20	40	72	33	30	64	30	–	6 091	6 803
Chemicals and allied products	167	–	6	–	13	39	47	43	19	–	7 543	7 714
Other nondurable goods	973	41	63	38	77	69	119	281	280	5	8 566	8 813
Not specified manufacturing industries	20	–	–	–	–	–	5	4	11	–	...	...
Nonmanufacturing industries	309	42	26	19	30	32	64	84	12	–	7 086	7 245
Transportation, communications, and other public utilities	92	–	–	–	5	10	37	32	8	–	...	...
Wholesale and retail trade	114	28	12	5	14	22	6	23	4	–	5 857	...
All other industries	103	14	14	14	11	–	21	29	–	–	5 864	...
Transport equipment operatives	**5 124**	**190**	**348**	**334**	**453**	**842**	**779**	**1 396**	**708**	**74**	**7 507**	**7 843**
Bus drivers	167	11	41	5	10	34	30	31	–	5	6 485	6 914
Taxicab drivers and chauffeurs	184	8	35	60	21	21	15	24	–	–	4 817	6 048
Truck drivers and deliverymen	3 935	136	237	215	308	642	618	1 078	642	59	7 695	7 965
Other transport equipment operatives	838	35	35	54	114	145	116	263	66	10	7 310	7 655
Laborers, except farm	**4 904**	**913**	**612**	**420**	**678**	**797**	**539**	**675**	**236**	**34**	**5 748**	**6 485**
Construction laborers	785	103	106	84	142	177	93	56	24	–	5 701	6 303
Freight, stock, and material handlers	1 815	443	210	141	196	262	184	284	90	5	5 579	6 553
Other specified laborers	904	233	144	64	138	115	48	118	20	24	5 080	5 872
Miscellaneous and not specified laborers	1 400	134	152	131	202	243	214	217	102	5	6 333	6 831
Occupation:												
Miscellaneous laborers	606	24	26	47	76	116	106	135	71	5	7 132	7 555
Not specified laborers	794	110	126	84	126	127	108	82	31	–	5 611	6 280
Industry:												
Manufacturing	1 146	87	141	86	167	197	181	190	97	–	6 467	6 943
Durable goods	930	73	76	73	154	158	145	169	82	–	6 563	6 977
Wood products, including furniture	20	5	–	–	4	–	6	5	–	–	...	...
Metal industries	601	51	29	57	97	130	94	81	62	–	6 512	6 851
Machinery, including electrical	136	13	22	6	36	10	20	24	5	–	5 750	...
Transportation equipment	95	4	–	–	17	9	17	42	6	–	...	...
Other durable goods	78	–	25	10	–	9	8	17	9	–	...	...
Nondurable goods	216	14	65	13	13	39	36	21	15	–	6 077	6 778
Food and kindred products	71	14	22	–	4	11	20	–	–	–	...	...
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	254	47	11	45	35	46	33	27	5	5	5 686	6 333
Railroads and railway express service	33	–	–	–	5	–	13	15	–	–	...	...
Transportation, except railroads	20	4	–	5	–	6	5	–	–	–	...	...
Communications, and utilities and sanitary services	32	–	–	5	3	4	10	–	5	5	...	...
Wholesale and retail trade	94	24	11	6	10	26	5	12	–	–	...	...
All other industries	75	19	–	29	17	10	–	–	–	–	...	...
Farmers and farm managers	**1 295**	**302**	**249**	**113**	**110**	**91**	**41**	**124**	**152**	**113**	**4 854**	**5 109**
Farm laborers and farm foremen	**788**	**294**	**213**	**83**	**93**	**31**	**22**	**25**	**17**	**10**	**2 939**	**4 045**
Paid farm laborers and farm foremen	733	277	195	69	93	31	22	25	11	10	2 918	4 198
Unpaid family workers	55	17	18	14	–	–	–	–	6	–	...	...
Service workers, except private household[1]	**5 966**	**1 385**	**856**	**711**	**1 059**	**782**	**450**	**412**	**245**	**66**	**5 029**	**5 761**
Cleaning service workers	2 352	470	357	322	538	308	138	150	65	4	5 050	5 541
Food service workers	1 481	594	252	177	185	99	61	38	57	18	3 163	4 966
Cooks, except private household	330	102	56	22	67	30	26	12	15	–	4 318	5 511
Busboys and dishwashers	381	262	92	27	–	–	–	–	–	–	1 454	2 690
Health service workers	146	29	14	37	43	9	10	4	–	–	4 811	5 192
Personal service workers	580	127	105	76	67	90	33	37	32	13	4 763	5 877
Protective service workers	1 087	126	99	64	153	221	168	158	81	17	6 459	6 792
Firemen, fire protection	110	4	–	10	14	50	4	22	6	–	6 540	6 580
Guards and watchmen	532	81	81	47	120	80	66	36	10	11	5 475	5 904
Policemen and detectives	397	16	15	–	15	86	98	100	61	6	7 679	7 740
Private household workers	**9**	**9**	–	–	–	–	–	–	–	–	...	–

[1]Includes allocated cases not shown separately.

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
WILKES-BARRE–HAZLETON SMSA												
Total												
Experienced civilian labor force	**81 275**	**7 731**	**9 775**	**8 286**	**12 182**	**10 880**	**9 788**	**10 813**	**8 293**	**3 527**	**6 245**	**6 815**
Professional, technical, and kindred workers	**7 903**	**438**	**590**	**353**	**539**	**674**	**868**	**1 629**	**1 736**	**1 076**	**8 601**	**9 095**
Accountants	611	20	38	32	32	90	66	111	138	84	8 495	9 189
Architects	59	–	10	–	–	–	–	–	16	33	...	...
Computer specialists	138	13	6	–	11	11	27	20	45	5	8 100	9 733
Engineers	970	11	16	43	39	24	75	182	412	168	11 153	11 540
Aeronautical and astronautical	6	–	–	–	–	–	–	6	–	–	...	...
Civil	176	6	–	9	9	10	23	53	52	14	9 170	9 472
Electrical and electronic	174	–	6	4	5	–	6	28	72	53	12 639	13 333
Mechanical	102	–	–	–	5	–	11	5	55	26	12 727	...
Other engineers	512	5	10	30	20	14	35	90	233	75	11 116	11 404
Lawyers and judges	240	9	29	–	6	11	5	4	65	111	14 308	15000+
Life and physical scientists	99	5	6	7	–	9	13	28	25	6	...	...
Chemists	59	–	–	–	–	–	13	24	16	6	...	...
Physicians, dentists, and related practitioners	757	11	18	24	9	11	34	68	159	423	15000+	15000+
Dentists	172	–	–	–	–	–	11	15	44	102	15000+	...
Pharmacists	194	4	–	7	–	5	13	36	88	41	11 818	11 923
Physicians, medical and osteopathic	295	7	6	17	4	–	5	10	19	227	15000+	15000+
Other related practitioners	96	–	12	–	5	6	5	7	8	53	...	...
Health technologists and technicians	89	5	19	6	6	6	18	15	5	9	...	...
Religious workers	419	35	143	32	65	67	31	32	14	–	4 984	4 313
Social scientists	49	4	–	5	–	6	5	24	5	–	...	...
Social and recreation workers	197	19	16	6	21	10	20	57	32	16	8 228	8 941
Teachers	1 903	113	120	64	88	185	244	573	457	59	8 480	9 051
College and university	431	10	15	29	4	–	14	114	192	53	10 768	12 039
Elementary and prekindergarten	332	38	36	4	25	30	55	82	62	–	7 600	7 929
Secondary	1 037	42	65	25	59	144	161	332	203	6	8 136	8 250
Engineering and science technicians	855	37	75	45	104	118	144	225	81	26	7 337	7 594
Draftsmen and surveyors	405	21	36	39	67	53	59	95	31	4	6 745	7 231
Electrical and electronic engineering technicians	208	6	10	–	19	36	19	69	31	18	8 406	8 319
Technicians, except health, and engineering and science	89	–	–	10	12	6	16	21	4	20	...	...
Airplane pilots	18	–	–	4	–	–	–	6	4	4	...	...
Writers, artists, and entertainers	505	78	46	47	55	30	58	79	77	35	6 883	7 667
Other professional, technical, and kindred workers	923	78	48	32	91	90	112	190	201	81	8 111	8 662
Managers and administrators, except farm	**6 901**	**336**	**362**	**242**	**468**	**604**	**769**	**1 100**	**1 677**	**1 343**	**9 217**	**9 486**
Buyers, purchasing agents, and sales managers	833	28	33	16	57	56	154	115	245	129	9 261	9 818
School administrators	178	5	4	–	–	–	6	16	93	54	13 118	13 427
Specified managers and administrators, public administration	496	15	20	25	22	51	68	102	156	37	8 922	9 103
Other specified managers and administrators	1 263	111	60	64	67	153	101	200	306	201	8 755	9 083
Managers and administrators, n.e.c., salaried	2 986	70	116	59	208	211	357	551	679	735	9 713	9 879
Manufacturing	917	19	12	14	22	53	96	127	260	314	12 221	12 616
Wholesale and retail trade	1 044	8	58	40	105	76	179	236	161	181	8 475	8 458
Transportation, communications, and other public utilities	227	–	–	–	17	15	21	47	67	60	11 007	11 381
All other industries	798	43	46	5	64	67	61	141	191	180	9 603	10 000
Managers and administrators, n.e.c., self-employed	1 145	107	129	78	114	133	83	116	198	187	7 139	7 487
Construction	221	10	38	20	17	28	15	14	38	41	6 911	8 000
Manufacturing	170	20	11	–	5	–	24	23	30	57	10 333	12 188
Wholesale and retail trade	601	49	64	53	74	79	44	72	102	64	6 766	6 801
All other industries	153	28	16	5	18	26	–	7	28	25	6 365	6 423
Sales workers	**5 586**	**650**	**560**	**405**	**621**	**663**	**721**	**738**	**820**	**408**	**6 840**	**7 304**
Insurance agents, brokers, and underwriters	661	15	36	47	13	36	125	151	156	82	8 775	9 191
Real estate agents and brokers	80	6	5	–	–	–	5	16	20	28	...	...
Sales representatives, manufacturing industries	500	16	33	18	28	45	62	117	101	80	8 821	8 906
Sales representatives, wholesale trade	1 094	61	60	68	163	162	139	172	206	63	7 237	7 439
Sales clerks, retail trade	1 599	301	272	145	192	201	211	93	154	30	5 424	6 083
Salesmen, retail trade	660	27	48	65	122	135	83	64	69	47	6 504	6 634
Salesmen of services and construction	242	24	26	19	33	41	21	36	20	22	6 463	6 768
Other sales workers	750	200	80	43	70	43	75	89	94	56	5 743	7 347
Clerical and kindred workers	**6 144**	**682**	**728**	**628**	**928**	**941**	**886**	**889**	**375**	**87**	**6 113**	**6 677**
Bank tellers and cashiers	358	112	69	19	31	62	45	15	5	–	3 942	6 319
Bookkeepers and billing clerks	571	46	42	50	76	124	100	70	55	8	6 577	6 699
Mail handlers and postal clerks	811	43	31	25	39	67	198	334	69	5	8 015	8 105
Other clerical and kindred workers	4 404	481	586	534	782	688	543	470	246	74	5 769	6 347
Craftsmen and kindred workers	**19 419**	**983**	**1 628**	**1 635**	**2 884**	**2 961**	**2 985**	**3 500**	**2 476**	**367**	**6 871**	**7 262**
Apparel craftsmen and upholsterers	538	41	66	60	195	73	47	41	5	10	5 523	5 748
Bakers	339	29	48	68	61	87	18	28	–	–	5 402	5 830
Cabinetmakers	109	5	16	7	24	34	17	6	–	–	6 074	...
Construction craftsmen	5 305	347	578	510	822	746	733	807	654	108	6 530	7 231
Carpenters	1 729	92	247	176	339	318	216	254	72	15	6 033	6 366
Excavating, grading, and road machine operators	655	8	33	63	90	69	99	106	176	11	7 652	8 209
Electricians	831	36	45	37	87	97	159	131	208	31	7 714	7 974
Masons and tile setters	420	18	17	33	65	65	64	98	43	17	7 188	7 969
Painters, construction and maintenance, and paperhangers	571	89	123	101	73	66	65	31	18	5	4 728	6 310
Plasterers and cement finishers	229	31	8	12	51	49	19	19	34	6	6 255	...
Plumbers and pipe fitters	582	40	45	49	81	63	84	117	86	17	7 155	7 560
Other construction craftsmen	288	33	60	39	36	19	27	51	17	6	5 333	...
Foremen, n.e.c.	2 555	41	54	65	150	344	459	748	576	118	8 440	8 607
Manufacturing	1 605	32	13	25	92	243	294	480	365	61	8 431	8 566
Nonmanufacturing industries	950	9	41	40	58	101	165	268	211	57	8 455	8 689
Linemen and servicemen, telephone and power	576	25	18	9	29	45	75	105	270	–	9 657	10 009
Locomotive engineers and firemen	107	–	9	3	–	10	13	13	52	7	10 529	...
Mechanics and repairmen	4 629	244	392	495	781	874	753	700	348	42	6 461	6 721
Air conditioning, heating, and refrigeration	161	5	18	10	23	36	15	28	26	–	6 681	7 033
Aircraft	10	–	–	–	–	–	6	4	–	–	...	...
Automobile, including body	1 596	181	188	258	259	270	164	160	95	21	5 660	6 135
Radio and television	363	13	41	35	43	93	54	67	17	–	6 532	6 629
Other mechanics and repairmen	2 499	45	145	192	456	475	514	441	210	21	6 866	7 065
Metal craftsmen, except mechanics	1 609	24	71	89	303	307	327	336	147	5	7 032	7 170
Machinists and job and die setters	837	15	43	56	198	168	178	145	29	5	6 634	6 906
Sheetmetal workers and tinsmiths	234	–	15	15	44	39	42	39	40	–	7 095	7 103
Tool and die makers	167	5	–	5	22	21	23	60	31	–	8 250	8 453
Other metal craftsmen	371	4	13	13	39	79	84	92	47	–	7 446	7 343
Printing craftsmen	818	20	45	40	52	49	109	283	184	36	8 664	8 806
Compositors and typesetters	336	–	22	15	11	18	43	172	41	14	8 686	8 723
Pressmen and plate printers, printing	416	14	23	25	36	31	54	101	118	14	8 495	8 750
Stationary engineers and power station operators	162	4	–	6	35	12	32	45	28	–	7 750	7 870
Other craftsmen and kindred workers	2 672	203	331	283	432	380	402	388	212	41	6 229	6 625

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
WILKES-BARRE–HAZLETON SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**16 150**	**1 566**	**2 411**	**2 487**	**3 382**	**2 537**	**1 886**	**1 368**	**454**	**59**	**5 476**	**5 947**
Assemblers	1 056	124	149	145	247	168	89	124	10	–	5 445	6 059
Checkers, examiners, and inspectors; manufacturing	694	49	52	86	150	93	126	100	34	4	6 108	6 651
Garage workers and gas station attendants	495	144	119	69	71	50	22	7	8	5	3 739	4 677
Laundry and drycleaning operatives, n.e.c	167	25	47	51	28	11	–	–	5	–	4 225	4 436
Meat cutters and butchers	531	33	41	86	81	80	111	78	16	5	6 306	6 688
Mine operatives, n.e.c	529	21	55	124	158	54	72	34	5	6	5 408	5 716
Packers and wrappers, except produce	917	142	170	154	211	124	62	38	6	10	4 951	5 410
Painters, manufactured articles	289	26	71	44	72	39	29	8	–	–	5 049	5 578
Precision machine operatives	661	33	57	72	170	158	113	40	18	–	5 991	6 425
Sawyers	139	–	10	37	34	37	21	–	–	–	5 662	6 027
Stationary firemen	224	–	41	7	46	51	11	36	32	–	6 353	6 409
Textile operatives	709	71	166	158	175	70	42	17	10	–	4 744	5 132
Welders and flamecutters	1 154	47	92	95	185	274	170	232	59	–	6 577	6 902
Other metalworking operatives	652	72	92	109	123	100	79	64	13	–	5 431	5 931
Other specified operatives	3 565	346	621	482	725	581	368	298	125	19	5 460	5 910
Miscellaneous and not specified operatives	4 368	433	628	768	906	647	571	292	113	10	5 392	5 914
Occupation:												
Machine operatives, miscellaneous specified	1 911	155	263	334	426	271	298	106	48	10	5 478	5 919
Machine operatives, not specified	1 014	95	112	185	180	173	155	81	33	–	5 639	6 422
Miscellaneous operatives	1 063	139	175	186	238	147	78	73	27	–	5 132	5 594
Not specified operatives	380	44	78	63	62	56	40	32	5	–	5 081	5 542
Industry:												
Manufacturing	3 842	346	533	672	832	581	516	263	89	10	5 445	5 979
Durable goods	1 820	158	238	320	356	275	289	127	47	10	5 545	6 293
Wood products, including furniture	120	28	35	26	12	–	9	5	–	5	3 829	...
Primary metal industries	202	4	21	22	27	42	51	28	7	–	6 643	7 174
Fabricated metal industries	312	5	8	49	62	65	92	17	9	5	6 492	7 000
Machinery, including electrical	349	11	42	40	117	58	63	9	9	–	5 697	5 987
Motor vehicles and equipment	31	–	–	7	–	9	10	5	–	–	...	...
Transportation equipment, except motor vehicles	102	16	16	19	18	12	17	4	–	–	5 000	...
Other durable goods	704	94	116	157	120	89	47	59	22	–	4 904	5 853
Nondurable goods	1 991	188	284	346	476	301	218	136	42	–	5 373	5 786
Food and kindred products	334	6	42	71	94	43	52	15	11	–	5 511	5 829
Apparel and other fabricated textile products	448	42	100	83	131	43	25	19	5	–	4 988	5 371
Paper and allied products	312	12	22	30	52	71	67	48	10	–	6 563	6 879
Chemicals and allied products	73	–	4	5	22	28	9	–	5	–	...	...
Other nondurable goods	824	128	116	157	177	116	65	54	11	–	5 062	5 483
Not specified manufacturing industries	31	–	11	6	–	5	9	–	–	–	...	...
Nonmanufacturing industries	526	87	95	96	74	66	55	29	24	–	4 844	5 297
Transportation, communications, and other public utilities	51	–	–	4	–	9	10	14	14	–	...	...
Wholesale and retail trade	246	53	55	40	35	33	20	5	5	–	4 375	4 810
All other industries	229	34	40	52	39	24	25	10	5	–	4 779	5 162
Transport equipment operatives	**5 836**	**490**	**686**	**643**	**1 056**	**949**	**612**	**878**	**441**	**81**	**6 045**	**6 441**
Bus drivers	314	50	52	26	39	36	32	52	18	9	5 744	5 986
Taxicab drivers and chauffeurs	121	31	31	15	14	17	5	8	–	–	3 903	...
Truck drivers and deliverymen	4 230	295	498	494	715	733	413	676	350	56	6 154	6 490
Other transport equipment operatives	1 171	114	105	108	288	163	162	142	73	16	5 898	6 420
Laborers, except farm	**5 633**	**939**	**1 115**	**792**	**1 160**	**752**	**472**	**312**	**61**	**30**	**4 963**	**5 581**
Construction laborers	1 455	170	249	252	365	160	133	103	14	9	5 155	5 645
Freight, stock, and material handlers	1 919	365	377	216	318	302	204	126	6	5	5 005	5 816
Other specified laborers	982	232	221	170	174	110	24	25	21	5	4 224	5 018
Miscellaneous and not specified laborers	1 277	172	268	154	303	180	111	58	20	11	5 147	5 635
Occupation:												
Miscellaneous laborers	288	32	53	12	66	50	48	17	10	–	5 712	6 121
Not specified laborers	989	140	215	142	237	130	63	41	10	11	4 982	5 548
Industry:												
Manufacturing	766	79	165	100	192	106	70	37	6	11	5 203	5 674
Durable goods	413	36	57	48	125	80	38	24	–	5	5 524	5 806
Wood products, including furniture	60	–	8	10	19	4	14	5	–	–	...	...
Metal industries	140	8	32	15	31	30	9	15	–	–	5 484	...
Machinery, including electrical	63	3	4	4	27	11	9	–	–	5	...	...
Transportation equipment	38	5	4	5	19	5	–	–	–	–	...	...
Other durable goods	112	20	9	14	29	30	6	4	–	–	5 448	...
Nondurable goods	344	43	103	52	63	26	32	13	6	6	4 500	5 462
Food and kindred products	70	4	18	22	9	–	12	5	–	–	...	...
Not specified manufacturing industries	9	–	5	–	4	–	–	–	–	–	...	–
Nonmanufacturing industries	511	93	103	54	111	74	41	21	14	–	5 050	5 568
Railroads and railway express service	68	–	9	–	9	23	17	6	4	–	...	...
Transportation, except railroads	5	–	–	–	–	–	5	–	–	–	...	–
Communications, and utilities and sanitary services	83	15	4	11	37	11	–	5	–	–	...	...
Wholesale and retail trade	179	36	39	24	28	19	19	4	10	–	4 604	5 684
All other industries	176	42	51	19	37	21	–	6	–	–	3 804	...
Farmers and farm managers	**436**	**121**	**185**	**23**	**36**	**18**	**18**	**11**	**15**	**9**	**3 049**	**3 174**
Farm laborers and farm foremen	**302**	**107**	**88**	**46**	**19**	**33**	**5**	**4**	–	–	**3 000**	**4 000**
Paid farm laborers and farm foremen	297	107	83	46	19	33	5	4	–	–	3 000	4 000
Unpaid family workers	5	–	5	–	–	–	–	–	–	–	...	–
Service workers, except private household[1]	**6 947**	**1 409**	**1 418**	**1 028**	**1 089**	**748**	**566**	**384**	**238**	**67**	**4 629**	**5 343**
Cleaning service workers	2 340	374	531	489	408	206	138	116	66	12	4 542	4 936
Food service workers	1 720	609	423	157	195	142	76	38	47	33	3 187	4 791
Cooks, except private household	569	106	142	55	112	73	35	21	15	10	4 664	5 389
Busboys and dishwashers	282	236	46	–	–	–	–	–	–	–	1 195	...
Health service workers	285	46	43	51	71	29	33	4	8	–	5 035	5 375
Personal service workers	603	99	175	123	61	60	24	38	16	7	4 224	4 621
Protective service workers	1 487	153	154	174	295	260	233	156	56	6	5 890	6 327
Firemen, fire protection	202	10	14	–	38	92	29	19	–	–	6 424	6 558
Guards and watchmen	652	74	119	124	100	37	152	46	–	–	5 090	5 667
Policemen and detectives	559	5	16	45	157	131	52	91	56	6	6 431	6 516
Private household workers	**18**	**10**	**4**	**4**	–	–	–	–	–	–	...	...

[1]Includes allocated cases not shown separately.

Table 175. Occupation of the Male Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
YORK SMSA												
Total												
Experienced civilian labor force	**87 264**	**7 577**	**6 703**	**5 011**	**8 476**	**10 828**	**11 419**	**17 439**	**14 180**	**5 631**	**7 441**	**7 914**
Professional, technical, and kindred workers	**9 435**	**356**	**481**	**201**	**534**	**728**	**824**	**1 938**	**2 852**	**1 521**	**9 644**	**10 247**
Accountants	643	21	25	27	32	57	50	109	232	90	10 011	10 787
Architects	39	–	–	–	–	–	–	6	10	23	...	...
Computer specialists	247	–	9	6	20	18	14	71	94	15	9 592	9 634
Engineers	1 781	31	29	13	9	45	67	355	832	400	12 052	12 232
Aeronautical and astronautical	6	–	–	–	–	–	–	–	–	6	...	...
Civil	269	15	–	–	–	12	6	29	138	69	12 627	12 772
Electrical and electronic	231	–	9	–	–	11	5	36	129	41	12 112	12 458
Mechanical	350	6	–	–	4	4	–	76	190	70	12 237	12 373
Other engineers	925	10	20	13	5	18	56	214	375	214	11 687	11 840
Lawyers and judges	224	6	5	6	–	–	10	17	30	150	15000+	15000+
Life and physical scientists	145	–	5	–	6	6	5	31	70	22	11 393	11 750
Chemists	125	–	–	–	–	6	5	26	66	22	11 932	12 121
Physicians, dentists, and related practitioners	645	18	19	–	26	15	9	39	89	430	15000+	15000+
Dentists	134	–	–	–	12	4	–	10	25	83	15000+	...
Pharmacists	86	–	4	–	4	–	–	–	39	39	...	...
Physicians, medical and osteopathic	346	18	10	–	–	11	9	19	10	269	15000+	15000+
Other related practitioners	79	–	5	–	10	–	–	10	15	39	...	...
Health technologists and technicians	57	5	5	–	13	4	–	15	9	6	...	...
Religious workers	402	65	34	17	55	77	62	36	45	11	6 390	6 556
Social scientists	68	–	20	–	6	5	5	5	10	17	...	...
Social and recreation workers	77	11	10	–	–	–	22	20	10	4	...	...
Teachers	1 735	70	161	33	100	169	169	475	491	67	8 697	9 505
College and university	216	7	26	–	5	6	8	41	93	30	10 806	12 679
Elementary and prekindergarten	493	23	47	4	48	62	65	138	93	13	7 962	9 392
Secondary	942	26	76	24	47	101	91	280	282	15	8 757	9 044
Engineering and science technicians	1 206	29	57	40	132	165	193	359	208	23	7 933	8 189
Draftsmen and surveyors	689	16	45	–	78	79	139	201	117	14	7 910	8 010
Electrical and electronic engineering technicians	155	8	–	21	13	15	25	43	26	4	7 820	8 442
Technicians, except health, and engineering and science	113	–	11	4	–	5	12	22	31	28	10 403	...
Airplane pilots	41	–	–	4	–	5	–	9	5	18	...	...
Writers, artists, and entertainers	719	41	40	29	40	59	53	161	243	53	9 211	9 466
Other professional, technical, and kindred workers	1 334	59	51	26	95	103	153	217	448	182	9 659	10 419
Managers and administrators, except farm	**8 004**	**257**	**238**	**233**	**384**	**580**	**683**	**1 311**	**2 256**	**2 062**	**10 700**	**11 035**
Buyers, purchasing agents, and sales managers	1 281	15	23	34	50	112	133	252	408	254	10 263	10 534
School administrators	203	–	6	–	7	–	–	23	120	47	12 729	12 877
Specified managers and administrators, public administration	443	17	–	16	12	31	33	135	137	62	9 667	9 758
Other specified managers and administrators	1 255	84	50	75	118	143	153	162	243	227	8 056	8 639
Managers and administrators, n.e.c., salaried	3 632	59	52	37	94	209	284	581	1 114	1 202	12 244	12 446
Manufacturing	1 584	5	17	12	25	42	104	211	552	616	13 406	13 563
Wholesale and retail trade	900	15	9	11	46	120	105	174	208	212	9 655	9 793
Transportation, communications, and other public utilities	253	6	9	–	5	4	13	53	85	78	12 147	12 265
All other industries	895	33	17	14	18	43	62	143	269	296	12 184	12 531
Managers and administrators, n.e.c., self-employed	1 190	82	107	71	103	85	80	158	234	270	8 848	9 078
Construction	168	11	19	–	32	12	20	9	32	33	7 500	...
Manufacturing	149	7	21	5	20	12	6	28	24	26	8 250	8 208
Wholesale and retail trade	646	58	32	55	40	49	33	101	138	140	9 109	9 134
All other industries	227	6	35	11	11	12	21	20	40	71	9 750	10 643
Sales workers	**5 311**	**688**	**326**	**243**	**429**	**460**	**460**	**975**	**1 041**	**689**	**8 102**	**8 818**
Insurance agents, brokers, and underwriters	665	25	33	16	32	46	74	137	160	142	9 555	9 788
Real estate agents and brokers	229	12	21	11	11	17	14	34	62	47	9 676	10 431
Sales representatives, manufacturing industries	672	5	9	8	27	55	40	154	240	134	10 792	11 004
Sales representatives, wholesale trade	879	51	36	17	64	95	70	215	204	127	8 991	9 088
Sales clerks, retail trade	1 353	369	148	99	170	110	138	155	96	68	5 356	6 732
Salesmen, retail trade	758	46	30	28	77	79	93	135	176	94	8 385	8 936
Salesmen of services and construction	160	16	6	5	5	14	10	52	43	9	8 923	9 250
Other sales workers	595	164	43	59	43	44	21	93	60	68	5 733	7 462
Clerical and kindred workers	**5 745**	**565**	**374**	**357**	**497**	**865**	**870**	**1 418**	**602**	**197**	**7 247**	**7 739**
Bank tellers and cashiers	289	125	51	15	16	29	41	5	7	–	2 765	5 182
Bookkeepers and billing clerks	644	41	36	35	65	103	61	168	84	51	7 689	8 048
Mail handlers and postal clerks	673	24	5	13	12	64	163	322	65	5	8 345	8 366
Other clerical and kindred workers	4 139	375	282	294	404	669	605	923	446	141	7 075	7 637
Craftsmen and kindred workers	**21 207**	**797**	**1 096**	**969**	**2 031**	**2 701**	**3 443**	**5 523**	**4 041**	**606**	**7 874**	**8 164**
Apparel craftsmen and upholsterers	225	12	14	20	17	29	42	47	39	5	7 488	7 784
Bakers	86	5	23	–	9	17	10	11	11	–	...	...
Cabinetmakers	172	17	28	25	62	9	16	9	6	–	5 258	5 500
Construction craftsmen	5 552	268	374	343	629	700	842	1 310	918	168	7 549	7 947
Carpenters	1 771	141	105	88	235	253	254	395	269	31	7 250	7 706
Excavating, grading, and road machine operators	525	–	37	62	25	59	92	121	112	17	7 864	8 212
Electricians	847	23	40	38	64	89	102	233	233	25	8 579	8 808
Masons and tile setters	588	18	36	28	79	102	95	163	56	11	7 326	6 908
Painters, construction and maintenance, and paperhangers	557	54	57	65	69	65	93	107	30	17	6 515	7 532
Plasterers and cement finishers	318	5	42	33	35	56	43	57	29	18	6 786	7 545
Plumbers and pipe fitters	701	15	36	18	88	67	139	153	153	32	7 910	7 891
Other construction craftsmen	245	12	21	11	34	9	24	81	36	17	8 284	8 977
Foremen, n.e.c.	3 296	41	42	44	144	261	529	1 009	1 056	170	9 164	9 232
Manufacturing	2 363	36	13	35	97	182	400	684	802	114	9 224	9 302
Nonmanufacturing industries	933	5	29	9	47	79	129	325	254	56	9 037	9 084
Linemen and servicemen, telephone and power	627	8	25	29	56	63	84	221	116	25	8 439	8 648
Locomotive engineers and firemen	92	–	–	–	10	6	–	35	36	5	...	...
Mechanics and repairmen	4 367	193	272	231	491	653	825	1 059	571	72	7 416	7 620
Air conditioning, heating, and refrigeration	250	–	9	11	22	41	40	54	59	14	8 074	8 180
Aircraft	29	–	3	–	–	–	7	9	5	5	...	...
Automobile, including body	1 822	120	160	117	248	255	319	392	171	40	7 034	7 308
Radio and television	160	3	18	22	24	5	48	28	12	–	7 167	7 375
Other mechanics and repairmen	2 106	70	82	81	197	352	411	576	324	13	7 659	7 827
Metal craftsmen, except mechanics	2 907	71	95	47	199	355	542	874	695	29	8 331	8 539
Machinists and job and die setters	1 275	41	46	41	120	177	305	381	151	13	7 697	7 854
Sheetmetal workers and tinsmiths	203	10	–	–	5	32	45	35	71	5	8 543	8 667
Tool and die makers	664	12	14	6	25	52	97	194	253	11	9 299	9 423
Other metal craftsmen	765	8	35	–	49	94	95	264	220	–	8 769	8 951
Printing craftsmen	979	26	43	41	76	147	145	348	148	5	8 066	8 252
Compositors and typesetters	458	10	32	15	34	57	74	159	72	5	8 088	8 295
Pressmen and plate printers, printing	444	16	6	17	31	84	57	172	61	–	8 128	8 287
Stationary engineers and power station operators	261	6	–	21	17	31	26	72	69	19	8 819	9 015
Other craftsmen and kindred workers	2 643	150	180	168	321	430	382	528	376	108	7 190	7 557

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

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

YORK SMSA—Continued

Total—Continued

Males with earnings in 1969										Median earnings (dollars)	
Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
Experienced civilian labor force—Continued											
Operatives, except transport	**17 487**	**1 240**	**1 345**	**1 326**	**2 066**	**2 967**	**2 980**	**3 643**	**1 749**	**171**	**6 932**	**7 341**
Assemblers	1 466	98	96	127	203	303	245	287	102	5	6 690	7 089
Checkers, examiners, and inspectors; manufacturing	1 196	26	57	42	101	238	214	323	174	21	7 626	7 889
Garage workers and gas station attendants	480	163	128	43	45	30	30	20	11	10	3 203	5 122
Laundry and drycleaning operatives, n.e.c	56	21	22	4	5	–	4	–	–	–	...	...
Meat cutters and butchers	356	37	43	31	33	41	53	73	40	5	6 829	7 481
Mine operatives, n.e.c	138	5	–	8	5	12	44	49	15	–	7 886	7 943
Packers and wrappers, except produce	605	101	67	44	94	127	81	53	38	–	5 963	6 622
Painters, manufactured articles	375	24	37	15	38	83	78	79	16	5	6 886	7 056
Precision machine operatives	2 008	43	70	121	196	364	444	566	187	17	7 473	7 668
Sawyers	296	15	21	77	27	50	56	45	5	–	6 160	6 439
Stationary firemen	199	–	6	5	22	39	28	67	32	–	7 982	8 034
Textile operatives	480	40	42	43	58	101	56	80	60	–	6 564	7 127
Welders and flamecutters	1 467	28	87	22	102	239	369	400	186	34	7 692	7 794
Other metalworking operatives	805	68	102	97	107	99	140	140	47	5	6 288	7 045
Other specified operatives	2 950	273	236	306	416	401	436	528	334	20	6 608	7 096
Miscellaneous and not specified operatives	4 610	298	331	341	614	840	702	933	502	49	6 858	7 299
Occupation:												
Machine operatives, miscellaneous specified	1 979	82	93	134	263	379	303	455	249	21	7 127	7 369
Machine operatives, not specified	1 280	56	117	89	188	230	204	267	120	9	6 826	7 382
Miscellaneous operatives	872	95	74	80	92	169	123	134	95	10	6 562	7 130
Not specified operatives	479	65	47	38	71	62	72	77	38	9	6 298	7 118
Industry:												
Manufacturing	4 298	232	317	318	574	798	654	893	473	39	6 887	7 323
Durable goods	2 889	150	194	168	399	551	499	661	238	29	6 968	7 370
Wood products, including furniture	445	49	58	40	93	76	38	71	15	5	5 812	6 231
Primary metal industries	363	12	13	12	58	102	48	89	24	5	6 848	6 969
Fabricated metal industries	357	34	42	11	65	69	45	53	33	5	6 384	6 983
Machinery, including electrical	1 319	36	57	69	112	214	326	379	117	9	7 526	7 776
Motor vehicles and equipment	85	–	15	15	17	22	5	6	5	–	...	...
Transportation equipment, except motor vehicles	9	–	–	–	–	–	9	–	–	–	...	...
Other durable goods	311	19	9	21	54	68	28	63	44	5	6 772	7 283
Nondurable goods	1 402	82	123	150	175	243	155	229	235	10	6 704	7 189
Food and kindred products	295	16	34	30	58	88	32	31	6	–	6 108	6 293
Apparel and other fabricated textile products	27	7	5	5	–	–	6	4	–	–	...	...
Paper and allied products	645	18	49	53	51	75	82	117	195	5	7 933	8 812
Chemicals and allied products	34	5	3	–	9	13	4	–	–	–	...	...
Other nondurable goods	401	36	32	62	57	67	31	77	34	5	6 201	6 560
Not specified manufacturing industries	7	–	–	–	–	4	–	3	–	–	...	...
Nonmanufacturing industries	312	66	14	23	40	42	48	40	29	10	6 310	7 000
Transportation, communications, and other public utilities	48	–	–	–	6	4	19	8	11	–	...	...
Wholesale and retail trade	106	33	8	12	18	17	–	13	5	–	5 000	...
All other industries	158	33	6	11	16	21	29	19	13	10	6 619	7 034
Transport equipment operatives	**5 990**	**337**	**415**	**371**	**696**	**783**	**838**	**1 406**	**988**	**156**	**7 469**	**7 851**
Bus drivers	172	53	15	23	36	20	10	–	10	5	4 783	5 630
Taxicab drivers and chauffeurs	97	11	28	6	15	11	4	22	–	–	...	...
Truck drivers and deliverymen	4 379	194	277	230	501	516	600	1 072	858	131	7 786	8 109
Other transport equipment operatives	1 342	79	95	112	144	236	224	312	120	20	7 022	7 320
Laborers, except farm	**5 599**	**1 103**	**946**	**506**	**836**	**888**	**620**	**538**	**137**	**25**	**5 292**	**6 177**
Construction laborers	996	154	187	126	191	154	72	85	21	6	5 162	5 965
Freight, stock, and material handlers	2 187	479	366	150	259	311	263	283	71	5	5 380	6 460
Other specified laborers	1 250	263	263	120	150	220	116	68	36	14	4 825	5 905
Miscellaneous and not specified laborers	1 166	207	130	110	236	203	169	102	9	–	5 576	6 154
Occupation:												
Miscellaneous laborers	245	32	17	22	34	58	33	49	–	–	6 302	6 582
Not specified laborers	921	175	113	88	202	145	136	53	9	–	5 418	5 994
Industry:												
Manufacturing	866	151	106	105	156	128	145	66	9	–	5 455	6 183
Durable goods	529	52	71	76	106	74	103	43	4	–	5 618	6 206
Wood products, including furniture	86	10	10	22	22	7	15	–	–	–	...	...
Metal industries	220	27	13	30	43	37	44	26	–	–	5 930	6 516
Machinery, including electrical	114	4	20	9	25	8	31	17	–	–	5 960	...
Transportation equipment	5	5	–	–	–	–	–	–	–	–	...	–
Other durable goods	104	6	28	15	16	22	13	–	4	–	5 188	...
Nondurable goods	325	90	35	26	50	54	42	23	5	–	5 230	6 193
Food and kindred products	54	10	8	11	11	9	5	–	–	–	...	...
Not specified manufacturing industries	12	9	–	3	–	–	–	–	–	–	...	...
Nonmanufacturing industries	300	56	24	5	80	75	24	36	–	–	5 813	6 106
Railroads and railway express service	40	–	–	–	5	25	–	10	–	–	...	...
Transportation, except railroads	–	–	–	–	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	5	–	–	–	5	–	–	–	–	–	...	...
Wholesale and retail trade	141	44	14	5	34	33	–	11	–	–	5 221	...
All other industries	114	12	10	–	36	17	24	15	–	–	5 972	...
Farmers and farm managers	**2 128**	**449**	**375**	**135**	**134**	**220**	**166**	**207**	**277**	**165**	**5 784**	**6 093**
Farm laborers and farm foremen	**1 193**	**422**	**307**	**146**	**160**	**54**	**61**	**21**	**17**	**5**	**3 137**	**4 341**
Paid farm laborers and farm foremen	1 156	401	301	146	160	54	56	16	17	5	3 176	4 411
Unpaid family workers	37	21	6	–	–	–	5	5	–	–	...	...
Service workers, except private household	**5 146**	**1 352**	**792**	**524**	**709**	**582**	**474**	**459**	**220**	**34**	**4 819**	**5 912**
Cleaning service workers	1 963	471	291	309	284	250	150	164	44	–	4 710	5 504
Food service workers	1 020	508	171	61	95	81	35	42	27	–	2 023	5 331
Cooks, except private household	389	210	60	31	23	38	10	5	12	–	1 852	4 806
Busboys and dishwashers	225	150	59	–	5	6	–	5	–	–	1 500	...
Health service workers	113	6	54	19	6	17	6	–	5	–	3 870	...
Personal service workers	405	110	49	21	72	41	39	27	27	19	5 313	6 094
Protective service workers	1 079	117	123	86	155	117	184	210	72	15	6 500	7 162
Firemen, fire protection	109	–	–	–	28	16	22	38	5	–	7 477	7 614
Guards and watchmen	559	87	111	70	95	47	65	68	16	–	5 121	5 841
Policemen and detectives	380	15	12	11	32	49	97	98	51	15	7 732	7 842
Private household workers	**19**	**11**	**8**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**...**	**...**

[1]Includes allocated cases not shown separately.

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE													
Total													
Experienced civilian labor force	1 647 438	111 940	118 172	216 157	209 302	283 531	246 134	175 279	112 158	134 265	40 500	3 593	4 453
Professional, technical, and kindred workers	238 223	9 580	10 226	24 294	19 852	19 722	17 441	19 602	28 737	67 061	21 708	5 918	6 597
Accountants	6 956	118	255	502	532	618	912	1 002	897	1 576	544	5 540	6 316
Computer specialists	2 520	30	88	106	89	158	232	332	236	757	492	6 953	7 969
Librarians	5 356	356	387	433	362	361	284	338	601	1 605	629	6 261	6 801
Mathematical specialists	560	5	19	40	13	22	60	94	53	207	47	6 509	7 455
Life and physical scientists	1 506	34	30	51	63	80	114	164	113	522	335	7 598	8 533
Registered nurses, dietitians, and therapists	58 002	1 504	1 941	5 356	6 366	6 772	5 498	5 781	8 241	14 156	2 387	5 271	6 464
Dietitians	1 819	30	78	141	146	271	242	195	146	392	178	5 008	5 671
Registered nurses	53 759	1 375	1 799	4 947	6 035	6 291	4 961	5 387	7 818	13 135	2 011	5 273	6 480
Health technologists and technicians	10 485	347	458	757	841	1 308	1 516	1 714	1 506	1 842	196	5 009	5 630
Social scientists	927	35	32	32	52	48	47	58	68	293	262	7 937	9 129
Social and recreation workers	8 166	356	281	580	492	637	732	976	771	2 561	780	6 038	7 467
Teachers: College and university	6 305	315	370	705	587	506	287	261	382	1 408	1 484	6 318	8 608
Elementary and prekindergarten	62 622	2 155	2 135	7 406	5 042	3 872	2 540	3 062	7 689	22 980	5 741	6 663	7 012
Secondary	26 301	798	758	2 935	1 832	1 118	810	1 254	3 800	9 976	3 020	6 959	7 582
Other teachers	6 342	830	887	1 073	624	506	448	396	379	947	252	2 611	5 850
Engineering and science technicians	4 628	201	199	334	263	386	715	798	622	896	214	5 271	6 044
Technicians, except health, and engineering and science	525	16	10	44	72	28	60	94	66	92	43	5 346	6 033
Writers, artists, and entertainers	10 495	1 074	1 073	1 472	936	979	1 064	973	766	1 314	844	3 707	5 035
Actors and dancers	196	16	16	29	17	19	34	14	12	18	21	4 029	...
Authors, editors, and reporters	2 820	186	183	321	285	203	274	311	283	506	268	4 847	5 907
Other professional, technical, and kindred workers	26 527	1 406	1 303	2 468	1 686	2 323	2 122	2 305	2 547	5 929	4 438	5 848	6 738
Managers and administrators, except farm	44 946	1 412	1 333	3 794	3 350	4 788	5 143	5 734	4 768	8 335	6 289	5 463	5 963
Buyers, purchasing agents, and sales managers	7 366	149	129	320	461	1 181	1 083	1 118	926	1 256	743	5 322	5 694
Restaurant, cafeteria, and bar managers	4 566	202	217	501	796	577	601	605	304	377	386	3 983	4 989
School administrators	2 585	52	24	794	94	75	65	112	162	420	787	6 472	7 082
Other specified managers and administrators	10 646	309	410	864	702	986	1 088	1 236	1 088	2 682	1 281	5 780	6 345
Managers and administrators, n.e.c., salaried	14 843	213	266	729	775	1 508	1 860	2 188	1 967	3 004	2 333	5 946	6 383
Wholesale and retail trade	5 648	130	117	237	365	748	872	981	644	854	700	5 362	5 686
Managers and administrators, n.e.c., self-employed	4 940	487	287	586	522	461	446	475	321	596	759	4 285	4 657
Wholesale and retail trade	3 448	392	213	480	355	319	284	327	222	398	458	3 890	4 281
Sales workers	123 457	16 485	15 423	25 895	22 012	22 317	9 436	4 757	2 566	2 799	1 767	2 178	3 238
Demonstrators, hucksters, and peddlers	4 001	1 150	831	931	465	278	99	75	46	84	42	1 021	1 779
Insurance, real estate agents, and brokers	4 304	247	254	414	341	403	630	608	449	455	503	4 783	5 537
Sales clerks, retail trade	94 868	12 488	11 955	20 759	18 193	18 673	6 767	2 938	1 401	1 178	516	2 123	3 142
Salesmen, retail trade	2 875	214	377	555	442	488	285	142	86	184	102	2 660	3 646
Other sales workers	17 409	2 386	2 006	3 236	2 571	2 475	1 655	994	584	898	604	2 419	3 594
Clerical and kindred workers	542 126	27 412	31 482	55 847	54 266	84 435	108 916	86 277	49 867	37 823	5 801	4 162	4 832
Bank tellers	12 107	277	481	1 025	1 247	2 546	3 341	1 984	765	412	29	4 143	4 535
Bookkeepers	58 586	1 732	2 276	5 162	5 420	9 690	12 577	10 048	5 668	5 134	879	4 399	4 848
Cashiers	35 294	3 973	4 322	6 608	5 808	5 545	3 881	2 616	1 660	733	148	2 472	3 684
Counter clerks, except food	7 717	642	844	1 299	1 258	1 384	995	607	341	294	53	2 853	3 816
Enumerators and interviewers	2 026	478	309	325	164	156	171	122	120	142	39	1 695	5 453
File clerks	17 067	1 349	1 468	2 401	1 643	3 243	3 519	1 913	925	527	79	3 516	4 445
Office machine operators	24 206	748	959	1 876	2 161	3 695	6 044	4 941	2 451	1 228	103	4 441	4 962
Bookkeeping and billing *machine operators*	2 860	73	119	241	239	584	854	463	192	73	22	4 204	4 571
Keypunch operators	15 602	526	631	1 240	1 517	2 104	3 777	3 338	1 683	738	48	4 472	5 074
Payroll and timekeeping clerks	7 690	169	162	455	446	961	1 907	1 598	1 045	849	98	4 866	5 157
Receptionists	13 088	1 056	1 143	1 886	1 559	2 525	2 684	1 411	482	284	58	3 356	4 218
Secretaries	153 468	4 622	5 708	12 351	13 081	22 370	31 929	29 609	17 958	14 068	1 772	4 583	5 095
Stenographers	6 677	136	135	473	568	744	1 446	1 418	1 088	578	91	4 887	5 322
Telephone operators	18 870	833	976	2 017	1 760	2 590	3 726	3 783	2 080	842	263	4 338	4 966
Typists	57 309	3 213	3 678	6 298	5 781	9 262	13 543	9 234	4 072	2 000	228	4 031	4 697
Other clerical and kindred workers	128 021	8 184	9 021	13 671	13 370	19 724	23 153	16 993	11 212	10 732	1 961	4 002	4 847
Craftsmen and kindred workers	30 310	1 054	1 220	2 764	2 866	5 057	5 217	4 256	2 572	3 933	1 371	4 421	5 099
Foremen, n.e.c.	8 899	83	95	237	405	1 234	1 781	1 724	1 088	1 681	571	5 356	5 593
Operatives, except transport	339 391	12 526	14 945	31 357	51 327	95 708	68 983	38 199	16 398	8 596	1 352	3 622	4 184
Assemblers	26 257	750	1 100	2 106	3 018	5 916	6 192	4 306	1 875	913	81	4 039	4 694
Bottling and canning operatives	1 172	72	68	158	151	207	242	220	44	10	–	3 662	4 699
Checkers, examiners, and inspectors; manufacturing	25 779	499	751	1 549	2 677	5 726	6 255	4 850	2 294	1 090	88	4 270	4 760
Dressmakers and seamstresses, except factory	4 823	403	384	852	718	991	849	348	172	60	46	3 055	3 817
Laundry and drycleaning operatives, including ironers	17 948	904	1 070	2 091	3 632	5 454	2 920	1 206	388	217	66	3 234	3 618
Graders and sorters, manufacturing	1 989	68	83	160	308	621	378	198	121	52	–	3 605	3 993
Packers and wrappers, *except produce*	33 197	1 537	1 792	3 337	4 270	8 598	6 711	3 968	2 117	774	93	3 659	4 334
Sewers and stitchers	107 828	3 076	3 940	9 859	20 278	37 493	20 685	8 081	2 831	1 333	252	3 447	3 832
Textile operatives	15 161	399	509	1 244	1 904	4 806	3 618	1 715	585	331	50	3 733	4 251
Other specified operatives	51 304	2 667	2 834	5 105	7 147	12 289	10 099	6 042	2 667	2 023	431	3 643	4 295
Miscellaneous and not specified operatives	53 933	2 151	2 414	4 896	7 224	13 607	11 034	7 265	3 304	1 793	245	3 756	4 420
Manufacturing	49 533	1 814	1 995	4 299	6 521	12 651	10 372	6 850	3 113	1 694	224	3 801	4 455
Durable goods	19 199	547	597	1 266	1 728	3 877	4 446	3 788	1 826	1 018	106	4 356	4 951
Machinery, including electrical	9 037	195	242	593	706	1 577	2 178	2 079	984	433	50	4 553	5 063
Other durable goods	10 162	352	355	673	1 022	2 300	2 268	1 709	842	585	56	4 167	4 823
Nondurable goods, including not specified manufacturing	30 334	1 267	1 398	3 033	4 793	8 774	5 926	3 062	1 287	676	118	3 533	4 101
Food and kindred products	4 686	222	334	723	717	840	939	563	256	86	6	3 413	4 513
Apparel and other fabricated textile products	10 639	375	417	948	2 211	3 928	1 758	662	235	78	27	3 348	3 717
Nonmanufacturing industries	4 400	337	419	597	703	956	662	415	191	99	21	3 151	3 943
Transport equipment operatives	5 550	530	621	1 256	843	601	464	371	250	449	165	2 437	4 811
Laborers, except farm	16 454	1 378	1 437	2 363	2 425	3 441	2 433	1 376	818	649	134	3 181	3 879
Farmers and farm managers	2 298	435	212	451	291	264	205	137	139	87	77	2 175	2 311
Farm laborers and farm foremen	3 436	578	636	697	451	395	295	224	84	55	21	1 723	3 220
Paid farm laborers and farm foremen	3 179	484	580	672	429	387	283	210	72	44	18	1 782	3 407
Unpaid family workers	257	94	56	25	22	8	12	14	12	11	3	808	883
Service workers, except private household[1]	257 095	30 622	31 383	55 149	44 780	43 057	26 588	13 814	5 744	4 297	1 661	2 254	3 334
Cleaning service workers	37 813	3 967	3 962	8 006	7 924	8 071	3 734	1 237	439	349	124	2 375	2 983
Chambermaids and maids	8 894	1 002	1 002	1 917	2 000	1 865	717	237	55	77	22	2 263	2 950
Food service workers	105 528	15 372	16 390	29 087	19 336	13 592	6 608	2 559	1 043	955	586	1 722	2 801
Cooks, except private household	24 342	1 786	2 205	6 885	5 433	4 086	2 305	854	291	344	153	2 238	3 269
Waiters and food counter workers	57 455	10 022	10 411	15 645	10 374	6 144	2 667	1 058	460	409	265	1 530	2 447
Health service workers	52 071	3 659	3 915	6 791	7 720	12 172	9 314	5 323	2 177	791	209	3 325	3 959
Nursing aides, orderlies, and attendants	27 313	2 311	2 496	3 797	4 457	7 137	3 802	2 168	862	210	73	3 083	3 697
Practical nurses	16 459	532	677	1 845	1 987	3 203	4 070	2 532	1 037	464	112	3 995	4 470
Personal service workers	36 207	4 036	3 861	5 975	5 904	5 639	4 367	3 123	1 485	1 288	529	2 717	3 784
Hairdressers and cosmetologists	21 009	1 642	1 833	3 653	4 007	3 498	2 375	1 673	932	967	429	2 843	3 644
Private household workers	44 152	9 928	9 254	12 290	6 839	3 746	1 013	532	215	181	154	1 235	1 712
Private household workers, living in	3 429	336	581	979	745	541	153	47	5	30	12	1 815	1 934
Private household workers, living out	40 723	9 592	8 673	11 311	6 094	3 205	860	485	210	151	142	1 185	1 684

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued													
Negro													
Experienced civilian labor force	**156 087**	**11 055**	**11 110**	**18 910**	**21 136**	**29 601**	**24 422**	**16 545**	**9 502**	**9 972**	**3 834**	**3 535**	**4 239**
Professional, technical, and kindred workers	**15 352**	**407**	**539**	**920**	**892**	**1 386**	**1 681**	**1 677**	**1 477**	**3 904**	**2 469**	**6 118**	**6 403**
Accountants	447	4	32	3	7	50	28	61	78	140	44	6 494	6 952
Computer specialists	163	–	11	–	–	5	5	48	5	37	52	7 608	8 650
Librarians	203	–	9	–	–	6	10	49	17	77	35	7 409	...
Mathematical specialists	22	–	–	6	–	–	–	–	5	11	–	...	...
Life and physical scientists	115	–	6	–	–	5	4	6	–	65	29	8 685	...
Registered nurses, dietitians, and therapists	2 985	115	55	184	204	360	528	413	361	608	157	5 113	5 901
Dietitians	334	15	8	14	20	67	75	58	14	53	10	4 573	4 843
Registered nurses	2 466	88	47	152	176	266	406	335	329	532	135	5 293	6 125
Health technologists and technicians	1 029	19	51	49	56	150	238	206	99	144	17	4 796	5 186
Social scientists	47	–	9	–	–	5	4	4	–	4	21	...	...
Social and recreation workers	1 491	36	57	94	88	130	181	199	110	437	159	5 802	7 226
Teachers: College and university	276	6	31	56	43	18	11	12	7	31	61	3 111	5 944
Elementary and prekindergarten	3 694	76	77	208	142	271	208	189	326	1 201	996	7 874	7 663
Secondary	1 076	11	15	38	78	34	51	64	116	311	358	8 264	9 192
Other teachers	250	14	25	48	21	9	14	45	15	39	20	4 571	5 803
Engineering and science technicians	299	4	12	8	48	30	13	53	54	57	20	5 651	6 081
Technicians, except health, and engineering and science	30	–	–	–	–	–	–	8	17	5	–	...	...
Writers, artists, and entertainers	372	11	44	29	35	39	55	59	16	57	27	4 509	5 385
Actors and dancers	20	5	–	–	–	5	–	4	–	6	–	...	...
Authors, editors, and reporters	86	–	14	–	14	10	13	14	5	16	–	...	...
Other professional, technical, and kindred workers	2 853	111	105	197	170	274	331	261	251	680	473	5 914	6 438
Managers and administrators, except farm	**2 260**	**55**	**42**	**136**	**181**	**296**	**264**	**314**	**192**	**436**	**344**	**5 497**	**6 003**
Buyers, purchasing agents, and sales managers	341	4	–	6	12	36	38	65	34	98	48	6 279	6 324
Restaurant, cafeteria, and bar managers	209	19	12	18	37	39	40	28	–	6	10	3 474	4 306
School administrators	207	–	–	20	9	5	–	6	21	35	111	10000+	...
Other specified managers and administrators	799	8	11	48	74	85	98	113	69	186	107	5 668	6 509
Managers and administrators, n.e.c., salaried	550	16	19	11	40	90	77	71	57	101	68	5 310	6 052
Wholesale and retail trade	162	11	6	–	5	53	23	24	29	5	6	4 261	4 941
Managers and administrators, n.e.c., self-employed	154	8	–	33	9	41	11	31	11	10	–	3 659	3 688
Wholesale and retail trade	102	–	–	33	4	37	4	19	5	–	–	3 378	...
Sales workers	**4 983**	**722**	**493**	**892**	**669**	**1 043**	**581**	**298**	**111**	**154**	**20**	**2 575**	**3 570**
Demonstrators, hucksters, and peddlers	73	24	11	10	3	5	–	6	6	8	–	...	...
Insurance, real estate agents, and brokers	122	–	6	10	19	15	19	23	20	5	5	4 579	...
Sales clerks, retail trade	3 499	530	373	629	472	768	434	150	50	87	6	2 461	3 515
Salesmen, retail trade	106	10	28	18	5	26	14	–	–	5	–	1 833	...
Other sales workers	1 183	158	75	225	170	229	114	119	35	49	9	2 785	3 713
Clerical and kindred workers	**41 450**	**2 426**	**2 413**	**3 502**	**4 103**	**7 117**	**8 033**	**6 378**	**3 991**	**3 043**	**444**	**4 145**	**4 925**
Bank tellers	441	–	11	25	34	113	148	68	15	27	–	4 253	4 514
Bookkeepers	2 214	29	97	130	184	345	476	468	174	285	26	4 676	5 245
Cashiers	2 174	209	181	272	376	467	298	181	87	85	18	3 105	3 916
Counter clerks, except food	598	35	58	65	108	166	87	37	25	9	8	3 199	3 630
Enumerators and interviewers	189	16	11	24	22	27	19	10	20	40	–	3 796	...
File clerks	2 539	225	257	274	281	466	493	342	122	73	6	3 499	4 556
Office machine operators	3 174	112	103	200	292	446	837	681	329	160	14	4 519	5 107
Bookkeeping and billing machine operators	218	12	5	12	28	29	67	23	37	–	5	4 343	4 726
Keypunch operators	2 386	85	87	148	232	308	601	563	256	101	5	4 554	5 228
Payroll and timekeeping clerks	281	5	14	–	20	36	60	87	37	19	3	5 063	5 307
Receptionists	796	46	44	65	82	161	206	109	45	24	14	4 000	4 632
Secretaries	5 082	233	186	339	354	776	1 107	1 065	590	391	41	4 590	5 125
Stenographers	330	20	5	16	23	47	51	66	73	29	–	5 045	5 583
Telephone operators	1 677	84	121	219	132	270	394	202	177	63	15	4 032	4 726
Typists	5 553	398	361	465	476	866	1 178	1 021	529	233	26	4 179	4 928
Other clerical and kindred workers	16 402	1 014	964	1 408	1 719	2 931	2 679	2 041	1 768	1 605	273	4 062	4 989
Craftsmen and kindred workers	**2 281**	**114**	**76**	**235**	**234**	**441**	**328**	**323**	**194**	**292**	**44**	**4 123**	**4 896**
Foremen, n.e.c.	504	11	7	7	5	93	116	100	75	69	21	5 130	5 296
Operatives, except transport	**31 804**	**1 680**	**1 497**	**2 720**	**4 846**	**8 475**	**6 576**	**3 378**	**1 535**	**958**	**139**	**3 609**	**4 124**
Assemblers	2 168	68	84	191	381	466	403	313	152	95	15	3 773	4 563
Bottling and canning operatives	124	17	4	23	5	28	21	21	–	5	–	3 464	...
Checkers, examiners, and inspectors; manufacturing	1 463	41	33	71	226	384	298	211	127	72	–	3 939	4 789
Dressmakers and seamstresses, except factory	610	47	28	64	85	127	122	60	55	17	5	3 638	4 455
Laundry and drycleaning operatives, including ironers	4 104	237	204	354	725	1 208	790	365	137	81	3	3 440	3 825
Graders and sorters, manufacturing	156	6	14	–	11	53	32	26	8	6	–	3 887	...
Packers and wrappers, except produce	2 736	151	186	323	328	759	551	240	146	45	7	3 501	4 101
Sewers and stitchers	8 031	254	232	586	1 145	2 579	1 897	817	343	144	34	3 697	4 137
Textile operatives	661	32	44	54	76	205	117	46	39	43	5	3 607	4 209
Other specified operatives	7 198	543	443	678	1 133	1 484	1 473	787	298	307	52	3 540	4 090
Miscellaneous and not specified operatives	4 553	284	225	376	731	1 182	872	492	230	143	18	3 559	4 079
Manufacturing	3 842	264	175	298	611	974	758	413	216	127	6	3 588	4 117
Durable goods	1 365	78	64	76	194	314	293	162	125	59	–	3 861	4 364
Machinery, including electrical	603	27	23	48	81	146	107	96	55	20	–	3 839	4 444
Other durable goods	762	51	41	28	113	168	186	66	70	39	–	3 881	4 316
Nondurable goods, including not specified manufacturing	2 477	186	111	222	417	660	465	251	91	68	6	3 458	3 976
Food and kindred products	436	48	14	66	86	60	81	40	26	15	–	3 067	4 459
Apparel and other fabricated textile products	929	19	46	82	177	320	180	72	23	10	–	3 439	3 786
Nonmanufacturing industries	711	20	50	78	120	208	114	79	14	16	12	3 421	3 911
Transport equipment operatives	**356**	**8**	**29**	**18**	**29**	**57**	**54**	**50**	**37**	**64**	**10**	**4 685**	**4 839**
Laborers, except farm	**1 873**	**163**	**205**	**213**	**288**	**332**	**304**	**140**	**121**	**86**	**21**	**3 203**	**3 928**
Farmers and farm managers	**469**	**18**	**17**	**183**	**50**	**47**	**97**	**15**	**30**	**12**	–	**2 330**	**2 360**
Farm laborers and farm foremen	**368**	**26**	**117**	**93**	**62**	**34**	**10**	**9**	**9**	**3**	**5**	**1 441**	...
Paid farm laborers and farm foremen	368	26	117	93	62	34	10	9	9	3	5	1 441	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**36 530**	**2 954**	**2 412**	**4 727**	**5 962**	**8 015**	**5 918**	**3 690**	**1 670**	**947**	**235**	**3 276**	**3 825**
Cleaning service workers	7 594	586	457	1 113	1 671	2 062	1 034	394	150	101	26	2 982	3 323
Chambermaids and maids	1 955	126	129	286	417	611	258	83	29	11	5	3 032	3 309
Food service workers	7 464	678	664	1 066	1 338	1 742	1 047	537	232	121	39	2 990	3 688
Cooks, except private household	2 217	131	106	271	460	508	405	192	70	62	12	3 277	4 018
Waiters and food counter workers	2 728	312	338	463	433	648	276	146	68	31	13	2 580	3 376
Health service workers	11 627	721	488	1 005	1 251	2 584	2 471	1 832	891	310	74	3 909	4 362
Nursing aides, orderlies, and attendants	6 530	507	338	606	825	1 688	1 378	749	339	78	22	3 586	4 070
Practical nurses	4 039	129	108	297	293	642	843	983	483	213	48	4 653	4 997
Personal service workers	3 773	297	335	570	650	650	539	403	155	111	63	3 053	4 060
Hairdressers and cosmetologists	1 323	111	96	255	226	210	137	135	42	74	37	2 883	3 796
Private household workers	**18 361**	**2 482**	**3 270**	**5 271**	**3 820**	**2 358**	**576**	**273**	**135**	**73**	**103**	**1 650**	**2 052**
Private household workers, living in	792	41	88	155	246	204	28	19	5	6	–	2 455	2 847
Private household workers, living out	17 569	2 441	3 182	5 116	3 574	2 154	548	254	130	67	103	1 618	1 998

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued													
Persons of Puerto Rican Birth or Parentage													
Experienced civilian labor force	3 245	240	176	303	517	754	584	343	111	185	32	3 513	4 207
Professional, technical, and kindred workers	295	31	–	20	18	35	51	15	20	99	6	4 853	4 728
Accountants	9	–	–	–	–	–	9	–	–	–	–	...	...
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	–	–	–	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	47	–	–	–	–	7	9	5	7	19	–	...	...
Dietitians	14	–	–	–	–	–	9	5	–	–	–	...	...
Registered nurses	26	–	–	–	–	–	–	–	7	19	–	...	...
Health technologists and technicians	29	–	–	–	–	8	–	–	6	15	–	...	...
Social scientists	22	–	–	9	–	5	–	–	–	8	–	...	...
Social and recreation workers	26	–	–	–	–	8	12	6	–	–	–	...	...
Teachers: College and university	14	–	–	–	–	7	–	–	7	–	–	...	...
Elementary and prekindergarten	60	22	–	–	18	–	12	–	–	8	–	...	...
Secondary	19	–	–	–	–	–	–	–	–	19	–	...	–
Other teachers	9	9	–	–	–	–	–	–	–	–	–	...	...
Engineering and science technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	26	–	–	11	–	–	9	–	–	6	–	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	34	–	–	–	–	–	–	4	–	24	6	...	...
Managers and administrators, except farm	57	–	12	5	17	–	6	5	–	12	–	...	...
Buyers, purchasing agents, and sales managers	5	–	–	5	–	–	–	–	–	–	–	...	–
Restaurant, cafeteria, and bar managers	–	–	–	–	–	–	–	–	–	–	–	–	–
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	40	–	12	–	12	–	6	5	–	5	–	...	...
Managers and administrators, n.e.c., salaried	7	–	–	–	–	–	–	–	–	7	–	...	...
Wholesale and retail trade	7	–	–	–	–	–	–	–	–	7	–	...	...
Managers and administrators, n.e.c., self-employed	5	–	–	–	5	–	–	–	–	–	–	...	...
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales workers	65	23	–	11	12	19	–	–	–	–	–	...	...
Demonstrators, hucksters, and peddlers	–	–	–	–	–	–	–	–	–	–	–	–	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales clerks, retail trade	38	–	–	7	12	19	–	–	–	–	–	...	...
Salesmen, retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	27	23	–	4	–	–	–	–	–	–	–	...	...
Clerical and kindred workers	497	47	15	46	65	106	96	88	18	16	–	3 712	4 538
Bank tellers	9	–	–	–	–	5	4	–	–	–	–	...	...
Bookkeepers	36	–	6	10	11	–	7	–	–	2	–	...	...
Cashiers	15	–	–	15	–	–	–	–	–	–	–	...	–
Counter clerks, except food	5	–	–	–	–	5	–	–	–	–	–	...	...
Enumerators and interviewers	11	–	–	–	–	11	–	–	–	–	–	...	...
File clerks	38	11	–	–	–	5	16	6	–	–	–	...	...
Office machine operators	25	–	–	–	7	6	–	12	–	–	–	...	...
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–	–
Keypunch operators	25	–	–	–	7	6	–	12	–	–	–	...	...
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	29	–	–	–	8	–	11	10	–	–	–	...	...
Secretaries	81	6	–	–	5	14	17	18	7	14	–	...	...
Stenographers	8	–	–	–	–	8	–	–	–	–	–	...	...
Telephone operators	16	–	–	–	–	8	–	8	–	–	–	...	...
Typists	70	13	–	–	14	7	20	16	–	–	–	...	...
Other clerical and kindred workers	154	17	9	21	20	37	21	18	11	–	–	3 270	...
Craftsmen and kindred workers	94	15	–	–	25	18	14	22	–	–	–	...	...
Foremen, n.e.c.	17	–	–	–	–	10	–	7	–	–	–	...	...
Operatives, except transport	1 809	62	108	176	311	511	356	170	60	40	15	3 484	4 145
Assemblers	77	–	–	18	10	15	29	5	–	–	–	...	...
Bottling and canning operatives	14	–	6	–	–	8	–	–	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	34	–	–	–	6	13	15	–	–	–	–	...	...
Dressmakers and seamstresses, except factory	28	–	–	4	–	10	6	8	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	60	–	15	8	5	24	–	8	–	–	–	...	...
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	93	–	14	–	41	26	12	–	–	–	–	...	...
Sewers and stitchers	839	30	32	77	126	253	175	68	44	27	7	3 611	4 258
Textile operatives	55	12	5	9	–	29	–	–	–	–	–	...	–
Other specified operatives	286	7	14	40	73	59	45	33	–	7	8	3 153	3 676
Miscellaneous and not specified operatives	323	13	22	20	50	74	74	48	16	6	–	3 764	4 541
Manufacturing	294	13	22	20	43	59	74	48	9	6	–	3 831	4 622
Durable goods	71	6	–	–	6	18	9	23	9	–	–	...	...
Machinery, including electrical	29	–	–	–	6	–	–	23	–	–	–	...	...
Other durable goods	42	6	–	–	–	18	9	–	9	–	–	...	...
Nondurable goods, including not specified manufacturing	223	7	22	20	37	41	65	25	–	6	–	3 622	4 520
Food and kindred products	53	–	13	–	13	17	10	–	–	–	–	...	...
Apparel and other fabricated textile products	115	–	9	20	15	19	40	12	–	–	–	3 711	...
Nonmanufacturing industries	29	–	–	–	7	15	–	–	7	–	–	...	...
Transport equipment operatives	17	–	–	–	–	5	7	–	–	–	5	...	...
Laborers, except farm	30	7	–	4	–	13	–	6	–	–	–	...	...
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	21	–	–	6	–	5	–	–	–	10	–	...	...
Paid farm laborers and farm foremen	11	–	–	6	–	5	–	–	–	–	–	...	–
Unpaid family workers	10	–	–	–	–	–	–	–	–	10	–	...	...
Service workers, except private household[1]	329	50	41	26	52	42	54	37	13	8	6	2 913	3 981
Cleaning service workers	53	8	5	–	15	–	13	6	6	–	–	...	...
Chambermaids and maids	–	–	–	–	–	–	–	–	–	–	–	–	–
Food service workers	87	14	10	5	21	9	14	–	–	8	6	...	...
Cooks, except private household	27	–	–	–	12	–	7	–	–	8	–	...	...
Waiters and food counter workers	33	14	6	–	–	–	7	–	–	–	6	...	–
Health service workers	64	24	7	14	–	–	10	9	–	–	–	...	...
Nursing aides, orderlies, and attendants	57	17	7	14	–	–	10	9	–	–	–	...	...
Practical nurses	–	–	–	–	–	–	–	–	–	–	–	–	–
Personal service workers	108	4	19	7	16	23	17	22	–	–	–	3 348	...
Hairdressers and cosmetologists	69	–	14	7	8	17	7	16	–	–	–	...	...
Private household workers	31	5	–	9	17	–	–	–	–	–	–	...	...
Private household workers, living in	6	–	–	–	6	–	–	–	–	–	–	...	–
Private household workers, living out	25	5	–	9	11	–	–	–	–	–	–	...	...

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

Table 176. **Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
ALLENTOWN–BETHLEHEM–EASTON, PA.–N.J., SMSA													
Total													
Experienced civilian labor force	**85 220**	**5 015**	**5 904**	**10 855**	**11 933**	**16 754**	**13 605**	**8 266**	**5 465**	**5 781**	**1 642**	**3 531**	**4 330**
Professional, technical, and kindred workers	**10 146**	**344**	**447**	**1 216**	**852**	**859**	**774**	**841**	**1 203**	**2 922**	**688**	**5 691**	**6 374**
Accountants	232	–	5	26	14	36	45	17	37	47	5	4 778	5 577
Computer specialists	83	5	5	4	4	–	24	4	5	32	–	...	...
Librarians	188	10	27	16	–	18	19	14	8	59	17	5 286	...
Mathematical specialists	19	–	–	–	–	–	–	–	4	15	–	...	...
Life and physical scientists	68	–	–	–	4	10	8	11	12	13	10	...	...
Registered nurses, dietitians, and therapists	2 717	56	65	251	303	301	304	329	404	588	116	5 239	6 189
Dietitians	42	–	–	–	4	8	5	–	–	19	6	...	...
Registered nurses	2 565	51	56	240	281	275	288	325	400	544	105	5 282	6 187
Health technologists and technicians	404	21	24	18	39	44	42	73	59	79	5	5 192	5 757
Social scientists	38	–	–	–	–	6	–	–	–	18	14	...	...
Social and recreation workers	264	17	21	28	6	13	27	49	24	68	11	5 408	6 271
Teachers: College and university	308	6	27	21	19	35	16	–	5	105	74	7 714	8 729
Elementary and prekindergarten	2 882	91	83	383	258	185	69	108	357	1 184	164	6 739	7 233
Secondary	1 069	7	29	201	77	48	24	56	153	372	102	6 605	6 875
Other teachers	342	57	55	69	24	14	28	32	9	44	10	1 855	5 537
Engineering and science technicians	184	9	14	35	11	19	15	24	8	44	5	4 267	...
Technicians, except health, and engineering and science	22	–	–	–	5	–	6	11	–	–	–	...	...
Writers, artists, and entertainers	456	28	60	93	40	54	36	30	36	41	38	3 130	4 220
Actors and dancers	18	6	–	12	–	–	–	–	–	–	–	...	–
Authors, editors, and reporters	147	–	23	20	10	17	10	10	10	23	24	4 350	4 350
Other professional, technical, and kindred workers	870	37	32	71	48	76	111	83	82	213	117	5 723	6 616
Managers and administrators, except farm	**1 846**	**75**	**57**	**145**	**84**	**166**	**288**	**199**	**245**	**322**	**265**	**5 543**	**6 066**
Buyers, purchasing agents, and sales managers	406	22	–	10	44	55	99	38	37	72	29	4 727	5 461
Restaurant, cafeteria, and bar managers	209	18	16	25	7	18	47	25	21	19	13	4 436	4 685
School administrators	105	5	–	37	–	5	6	4	3	14	31	4 917	...
Other specified managers and administrators	272	–	4	9	11	46	22	31	55	44	50	6 236	6 404
Managers and administrators, n.e.c., salaried	585	4	9	21	10	29	82	96	110	113	111	6 377	6 560
Wholesale and retail trade	213	–	5	12	–	12	36	37	31	31	49	6 145	6 241
Managers and administrators, n.e.c., self-employed	269	26	28	43	12	13	32	5	19	60	31	4 391	4 500
Wholesale and retail trade	184	14	28	39	12	10	18	–	15	37	11	2 917	3 450
Sales workers	**5 711**	**745**	**806**	**1 119**	**1 073**	**1 061**	**434**	**187**	**124**	**77**	**85**	**2 173**	**3 190**
Demonstrators, hucksters, and peddlers	206	73	40	58	30	–	5	–	–	–	–	875	...
Insurance, real estate agents, and brokers	129	16	–	20	9	10	10	17	10	3	34	4 950	...
Sales clerks, retail trade	4 612	572	686	891	947	934	351	144	59	13	15	2 166	3 122
Salesmen, retail trade	140	–	20	19	15	20	22	6	20	13	5	3 800	...
Other sales workers	624	84	60	131	72	97	46	20	35	48	31	2 514	3 651
Clerical and kindred workers	**22 906**	**1 142**	**1 303**	**2 415**	**2 376**	**3 788**	**4 517**	**3 570**	**2 101**	**1 416**	**278**	**4 095**	**4 773**
Bank tellers	612	16	43	45	31	93	206	118	40	15	5	4 379	4 681
Bookkeepers	2 886	78	124	256	261	553	558	483	306	211	56	4 306	4 780
Cashiers	1 501	195	140	307	246	232	167	119	75	15	5	2 441	3 638
Counter clerks, except food	225	14	9	37	44	30	30	27	19	10	5	3 283	4 396
Enumerators and interviewers	21	5	–	–	–	10	–	–	–	–	6	...	...
File clerks	656	50	71	77	66	132	90	88	60	22	–	3 485	4 480
Office machine operators	1 093	27	48	94	115	173	254	202	118	51	11	4 352	4 926
Bookkeeping and billing machine operators	166	4	15	24	6	39	49	24	–	–	5	3 872	4 300
Keypunch operators	711	12	33	54	94	87	149	154	86	42	–	4 507	5 176
Payroll and timekeeping clerks	401	5	5	37	49	23	134	69	48	27	4	4 608	4 813
Receptionists	519	77	105	52	60	73	96	35	9	–	12	2 425	4 400
Secretaries	6 784	176	247	571	670	1 040	1 471	1 330	636	546	97	4 468	4 956
Stenographers	303	–	5	29	20	31	37	66	70	45	–	5 447	5 893
Telephone operators	690	34	29	48	53	105	119	160	88	31	23	4 639	5 297
Typists	2 566	205	142	281	257	479	470	351	275	90	16	3 831	4 663
Other clerical and kindred workers	4 649	260	335	581	504	814	885	522	357	353	38	3 792	4 599
Craftsmen and kindred workers	**1 615**	**34**	**57**	**130**	**163**	**270**	**309**	**217**	**135**	**202**	**98**	**4 497**	**5 203**
Foremen, n.e.c	625	6	6	10	36	114	115	114	66	111	47	5 224	5 409
Operatives, except transport	**28 574**	**873**	**1 274**	**2 511**	**4 760**	**8 440**	**5 943**	**2 672**	**1 380**	**599**	**122**	**3 577**	**4 099**
Assemblers	2 163	63	75	180	272	470	529	320	176	63	15	4 041	4 702
Bottling and canning operatives	40	–	–	–	–	7	27	6	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	1 532	28	55	106	141	301	283	239	259	111	9	4 477	5 090
Dressmakers and seamstresses, except factory	272	21	10	50	57	79	45	10	–	–	–	2 965	3 585
Laundry and drycleaning operatives, including ironers	1 342	63	101	134	212	477	248	70	16	13	8	3 338	3 655
Graders and sorters, manufacturing	124	–	10	9	26	53	16	–	10	–	–	3 321	...
Packers and wrappers, except produce	1 695	102	67	197	252	361	445	152	100	19	–	3 636	4 216
Sewers and stitchers	12 510	255	505	982	2 390	4 261	2 696	939	340	123	19	3 498	3 888
Textile operatives	1 175	141	64	110	132	459	257	95	39	5	–	3 583	3 936
Other specified operatives	2 837	120	188	307	559	654	469	268	134	109	29	3 374	4 200
Miscellaneous and not specified operatives	4 884	207	199	436	719	1 318	928	573	306	156	42	3 668	4 366
Manufacturing	4 629	183	171	393	687	1 238	915	549	295	156	42	3 711	4 424
Durable goods	1 534	39	20	93	107	266	353	279	220	135	22	4 686	5 271
Machinery, including electrical	925	24	10	24	44	158	180	171	188	111	15	5 132	5 641
Other durable goods	609	15	10	69	63	108	173	108	32	24	7	4 228	4 783
Nondurable goods, including not specified manufacturing	3 095	144	151	300	580	972	562	270	75	21	20	3 383	3 905
Food and kindred products	120	15	11	16	24	10	33	6	5	–	–	2 750	...
Apparel and other fabricated textile products	1 996	91	125	193	422	723	254	126	44	7	11	3 231	3 639
Nonmanufacturing industries	255	24	28	43	32	80	13	24	11	–	–	3 006	3 513
Transport equipment operatives	**275**	**19**	**8**	**44**	**59**	**46**	**29**	**36**	**16**	**18**	**–**	**3 163**	**4 947**
Laborers, except farm	**706**	**51**	**42**	**83**	**151**	**194**	**79**	**38**	**33**	**25**	**10**	**3 134**	**3 615**
Farmers and farm managers	**56**	**13**	**5**	**8**	**5**	**10**	**5**	**–**	**–**	**4**	**6**	...	...
Farm laborers and farm foremen	**80**	**–**	**17**	**38**	**5**	**4**	**7**	**–**	**9**	**–**	**–**	...	...
Paid farm laborers and farm foremen	62	–	11	38	5	4	–	–	4	–	–	...	...
Unpaid family workers	18	–	6	–	–	–	7	–	5	–	–	...	...
Service workers, except private household[1]	**11 740**	**1 355**	**1 488**	**2 642**	**2 219**	**1 831**	**1 213**	**496**	**214**	**192**	**90**	**2 174**	**3 317**
Cleaning service workers	1 765	246	166	346	357	372	180	63	22	5	8	2 349	2 920
Chambermaids and maids	500	46	67	106	120	118	29	5	9	–	–	2 258	2 842
Food service workers	5 129	697	805	1 562	1 063	615	262	42	23	33	27	1 680	2 649
Cooks, except private household	938	57	75	295	173	153	121	9	10	29	16	2 243	3 665
Waiters and food counter workers	2 892	464	550	832	611	291	97	33	9	–	5	1 519	2 371
Health service workers	2 355	135	229	285	366	489	511	225	82	29	4	3 332	4 152
Nursing aides, orderlies, and attendants	1 259	84	157	188	205	282	224	81	29	5	4	2 978	3 982
Practical nurses	729	26	34	69	94	109	209	118	53	17	–	4 156	4 512
Personal service workers	1 697	177	199	255	303	274	160	121	69	88	51	2 718	3 852
Hairdressers and cosmetologists	1 164	90	104	152	205	216	126	100	63	67	41	3 144	4 100
Private household workers	**1 565**	**364**	**400**	**504**	**186**	**85**	**7**	**10**	**5**	**4**	**–**	**1 037**	**1 489**
Private household workers, living in	160	20	35	46	37	22	–	–	–	–	–	1 543	1 793
Private household workers, living out	1 405	344	365	458	149	63	7	10	5	4	–	991	1 433

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
BINGHAMTON, N.Y.–PA., SMSA													
Total													
Experienced civilian labor force	41 715	2 780	3 108	4 891	4 381	6 653	6 088	5 096	3 195	4 095	1 428	3 856	4 744
Professional, technical, and kindred workers	7 256	302	294	627	485	665	550	533	887	1 985	928	6 194	6 932
Accountants	222	–	4	20	21	25	46	6	25	64	11	4 891	6 750
Computer specialists	213	–	–	–	7	15	10	38	32	61	50	7 221	8 702
Librarians	210	23	14	12	29	24	16	6	14	38	34	4 188	...
Mathematical specialists	11	–	–	–	–	6	–	–	–	5	–	...	...
Life and physical scientists	7	–	–	–	–	–	–	–	5	2	–	...	...
Registered nurses, dietitians, and therapists	1 648	56	34	125	164	161	167	138	214	478	111	5 848	6 993
Dietitians	56	6	–	5	6	6	9	–	4	20	–	...	...
Registered nurses	1 538	38	29	115	158	155	158	133	205	442	105	5 872	6 965
Health technologists and technicians	355	10	8	58	30	37	17	59	83	34	19	5 297	6 154
Social scientists	17	–	–	–	–	–	–	–	5	5	7	...	...
Social and recreation workers	220	–	10	38	13	26	35	27	27	44	–	4 657	5 909
Teachers: College and university	146	7	6	9	20	35	–	6	–	33	30	3 886	...
Elementary and prekindergarten	1 913	57	59	199	103	144	100	59	240	631	321	6 981	7 961
Secondary	790	33	39	40	39	59	24	37	76	267	176	7 539	8 580
Other teachers	263	37	40	32	18	47	21	25	8	35	–	3 096	...
Engineering and science technicians	233	16	23	4	11	9	22	30	38	62	18	6 039	6 891
Technicians, except health, and engineering and science	12	–	–	4	–	–	5	–	–	3	–	...	...
Writers, artists, and entertainers	302	34	17	31	11	11	37	34	31	65	31	5 294	6 452
Actors and dancers	6	–	6	–	–	–	–	–	–	–	–	...	–
Authors, editors, and reporters	80	6	–	5	–	5	5	10	5	34	10	...	...
Other professional, technical, and kindred workers	694	29	40	55	19	66	50	68	89	158	120	6 225	6 661
Managers and administrators, except farm	1 311	42	60	105	74	102	142	226	179	263	118	5 577	5 802
Buyers, purchasing agents, and sales managers	191	10	12	12	–	28	30	32	33	27	7	5 109	5 641
Restaurant, cafeteria, and bar managers	145	–	–	16	22	14	16	23	17	27	10	5 196	...
School administrators	88	–	–	18	9	6	6	–	14	16	19	...	...
Other specified managers and administrators	277	5	10	23	28	25	32	29	28	90	7	5 534	6 054
Managers and administrators, n.e.c., salaried	421	8	15	11	9	13	58	120	54	86	47	5 804	5 917
Wholesale and retail trade	115	4	5	–	9	–	14	37	15	16	15	5 689	5 865
Managers and administrators, n.e.c., self-employed	189	19	23	25	6	16	–	22	33	17	28	5 250	4 000
Wholesale and retail trade	128	14	12	13	6	11	–	22	23	12	15	5 364	5 068
Sales workers	2 732	335	345	530	422	452	279	115	99	79	76	2 370	3 493
Demonstrators, hucksters, and peddlers	151	31	27	54	8	6	7	6	–	5	7	1 324	...
Insurance, real estate agents, and brokers	270	15	4	14	36	52	37	9	40	22	41	4 378	6 475
Sales clerks, retail trade	1 839	216	247	387	328	326	197	87	25	16	10	2 212	3 234
Salesmen, retail trade	62	5	4	5	18	12	10	–	5	–	3	...	...
Other sales workers	410	68	63	70	32	56	28	13	29	36	15	2 125	4 554
Clerical and kindred workers	12 870	689	853	1 389	1 111	1 948	2 446	2 254	1 108	897	175	4 182	4 873
Bank tellers	239	15	6	25	27	45	68	43	10	–	–	4 022	4 583
Bookkeepers	1 537	34	86	123	105	290	320	359	90	110	20	4 408	4 825
Cashiers	1 070	124	155	231	202	162	69	85	35	7	–	2 124	3 317
Counter clerks, except food	126	7	4	26	8	40	13	23	5	–	–	3 450	...
Enumerators and interviewers	108	25	4	19	8	13	23	9	–	7	–	2 750	...
File clerks	226	13	31	31	9	34	51	36	3	13	5	3 853	4 732
Office machine operators	459	21	6	52	38	68	94	101	35	31	13	4 473	5 125
Bookkeeping and billing machine operators	70	–	6	14	10	5	30	5	–	–	–	...	...
Keypunch operators	300	15	–	34	22	35	58	76	29	23	8	4 759	5 380
Payroll and timekeeping clerks	155	12	–	18	21	16	35	23	11	14	5	4 300	4 774
Receptionists	399	32	28	79	18	51	129	41	16	5	–	3 833	4 329
Secretaries	3 904	111	197	239	297	498	778	790	471	457	66	4 784	5 335
Stenographers	171	–	3	5	–	13	53	64	13	10	10	5 180	5 280
Telephone operators	389	5	18	36	39	70	63	87	53	13	5	4 421	5 008
Typists	948	40	92	97	55	145	217	203	62	37	–	4 207	4 825
Other clerical and kindred workers	3 139	250	223	408	284	503	533	390	304	193	51	3 804	4 644
Craftsmen and kindred workers	878	23	27	81	80	144	148	172	101	63	39	4 568	5 140
Foremen, n.e.c.	195	6	3	–	15	17	53	45	31	17	8	5 078	5 598
Operatives, except transport	8 231	230	412	632	888	2 149	1 562	1 194	521	597	46	3 909	4 537
Assemblers	1 646	26	117	131	136	315	288	256	127	241	9	4 340	5 206
Bottling and canning operatives	3	–	–	–	–	3	–	–	–	–	–	...	–
Checkers, examiners, and inspectors; manufacturing	705	12	16	8	25	103	131	173	88	132	17	5 332	5 575
Dressmakers and seamstresses, except factory	73	8	13	16	15	16	5	–	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	214	3	18	40	38	58	34	17	–	6	–	3 138	3 527
Graders and sorters, manufacturing	60	5	5	9	5	22	14	–	–	–	–	...	...
Packers and wrappers, except produce	458	28	32	19	52	90	99	97	28	13	–	4 081	4 603
Sewers and stitchers	1 573	24	35	159	287	660	252	92	43	21	–	3 427	3 714
Textile operatives	24	–	4	–	5	15	–	–	–	–	–	...	...
Other specified operatives	2 091	93	96	162	212	562	438	293	114	109	12	3 859	4 417
Miscellaneous and not specified operatives	1 384	31	76	88	113	305	301	266	121	75	8	4 262	4 772
Manufacturing	1 290	20	71	65	113	281	286	254	117	75	8	4 332	4 816
Durable goods	744	10	49	52	47	51	161	209	86	71	8	5 010	5 449
Machinery, including electrical	429	10	35	32	28	41	106	79	45	50	3	4 646	5 258
Other durable goods	315	–	14	20	19	10	55	130	41	21	5	5 304	5 559
Nondurable goods, including not specified manufacturing	546	10	22	13	66	230	125	45	31	4	–	3 704	3 918
Food and kindred products	64	–	–	3	–	28	33	–	–	–	–	...	...
Apparel and other fabricated textile products	50	–	–	–	12	22	9	–	7	–	–	...	...
Nonmanufacturing industries	94	11	5	23	–	24	15	12	4	–	–	...	...
Transport equipment operatives	266	5	57	51	61	37	15	11	7	10	12	2 328	...
Laborers, except farm	276	21	39	26	16	64	60	25	20	5	–	3 563	4 293
Farmers and farm managers	127	17	14	14	24	8	20	10	7	9	4	2 771	3 000
Farm laborers and farm foremen	78	30	4	30	5	–	–	–	9	–	–	...	...
Paid farm laborers and farm foremen	71	23	4	30	5	–	–	–	9	–	–	...	...
Unpaid family workers	7	7	–	–	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	6 776	797	786	1 169	1 110	1 045	854	546	252	187	30	2 573	3 929
Cleaning service workers	843	110	108	112	161	162	97	66	19	8	–	2 568	3 566
Chambermaids and maids	253	36	39	24	72	45	25	7	5	–	–	2 382	3 213
Food service workers	2 614	319	366	643	487	353	249	93	37	67	–	1 967	3 461
Cooks, except private household	559	51	52	127	86	106	80	28	–	29	–	2 576	3 919
Waiters and food counter workers	1 525	173	210	390	337	186	113	56	22	38	–	1 973	3 194
Health service workers	1 449	72	115	134	205	232	245	249	153	36	8	3 856	4 724
Nursing aides, orderlies, and attendants	931	56	96	67	124	138	177	124	119	27	3	3 888	4 762
Practical nurses	262	4	13	30	29	29	25	87	31	9	5	5 011	5 384
Personal service workers	1 092	163	127	139	125	209	113	115	40	49	12	2 936	4 052
Hairdressers and cosmetologists	650	45	54	92	100	121	76	84	36	30	12	3 281	4 085
Private household workers	914	289	217	237	105	39	12	10	5	–	–	887	1 383
Private household workers, living in	76	–	18	46	12	–	–	–	–	–	–	...	...
Private household workers, living out	838	289	199	191	93	39	12	10	5	–	–	827	1 388

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
ERIE SMSA													
Total													
Experienced civilian labor force	34 355	3 102	3 111	4 775	4 345	5 318	5 007	3 831	2 032	2 228	606	3 347	4 326
Professional, technical, and kindred workers	4 971	265	267	608	411	514	353	454	545	1 206	348	5 149	6 049
Accountants	108	–	15	–	–	17	22	13	13	22	6	5 000	...
Computer specialists	60	–	8	–	–	8	–	17	–	20	7	...	...
Librarians	54	17	–	4	5	9	6	–	–	13	–	...	...
Mathematical specialists	4	–	–	–	–	–	–	–	–	4	–	...	...
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 279	39	53	153	191	221	106	137	170	144	65	3 921	4 780
Dietitians	88	–	4	16	21	15	14	–	5	–	13	...	...
Registered nurses	1 150	39	49	132	170	206	87	137	160	123	47	3 898	5 031
Health technologists and technicians	166	7	–	33	13	20	42	15	22	14	–	4 238	4 583
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	158	–	8	19	–	10	4	9	13	90	5	7 533	7 852
Teachers: College and university	163	37	20	18	4	13	–	5	25	24	17	3 192	...
Elementary and prekindergarten	1 443	64	76	248	74	109	63	99	162	464	84	5 884	7 287
Secondary	501	10	6	59	17	23	6	31	74	190	85	7 387	8 364
Other teachers	102	26	5	25	20	5	5	–	–	16	–	1 800	...
Engineering and science technicians	131	–	10	11	4	–	32	32	14	28	–	5 266	...
Technicians, except health, and engineering and science	16	–	–	–	5	–	5	6	–	–	–	...	...
Writers, artists, and entertainers	188	16	20	10	28	30	21	26	16	10	11	3 667	4 250
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	63	–	–	–	17	6	9	10	10	5	6	...	...
Other professional, technical, and kindred workers	598	49	46	28	50	49	41	64	36	167	68	5 563	7 094
Managers and administrators, except farm	1 012	49	24	68	66	100	177	173	88	161	106	5 127	5 589
Buyers, purchasing agents, and sales managers	184	–	–	12	11	37	32	44	17	19	12	5 000	5 200
Restaurant, cafeteria, and bar managers	106	6	–	4	17	22	24	18	5	–	10	4 167	...
School administrators	49	5	5	15	–	–	–	5	–	5	14	...	...
Other specified managers and administrators	232	–	–	16	13	11	57	29	32	56	18	5 655	6 375
Managers and administrators, n.e.c., salaried	337	18	10	16	19	14	64	73	34	73	16	5 377	5 654
Wholesale and retail trade	143	18	5	6	4	6	40	45	6	8	5	4 813	5 067
Managers and administrators, n.e.c., self-employed	104	20	9	5	6	16	–	4	–	8	36	3 750	...
Wholesale and retail trade	80	15	9	5	6	11	–	4	–	–	30	...	...
Sales workers	2 755	408	351	515	588	502	202	87	36	34	32	2 176	3 048
Demonstrators, hucksters, and peddlers	153	40	39	48	9	11	–	–	–	–	6	968	...
Insurance, real estate agents, and brokers	124	15	10	17	22	4	27	18	11	–	–	2 909	...
Sales clerks, retail trade	2 004	301	225	376	459	431	132	44	7	18	11	2 218	3 029
Salesmen, retail trade	78	5	–	27	14	5	10	–	8	5	4	...	...
Other sales workers	396	47	77	47	84	51	33	25	10	11	11	2 321	3 367
Clerical and kindred workers	11 418	828	931	1 230	1 278	1 932	2 185	1 782	743	448	61	3 746	4 522
Bank tellers	320	5	23	20	35	84	89	48	7	9	–	3 917	4 136
Bookkeepers	1 181	34	75	109	149	179	279	203	83	41	29	4 159	4 672
Cashiers	1 142	150	201	149	209	172	99	74	53	29	6	2 340	3 424
Counter clerks, except food	161	13	36	44	15	16	16	11	5	5	–	1 716	...
Enumerators and interviewers	70	29	11	17	–	5	–	4	4	–	–	...	...
File clerks	170	24	18	36	10	11	24	31	12	4	–	2 700	...
Office machine operators	412	18	20	46	29	84	98	68	39	10	–	4 092	4 733
Bookkeeping and billing machine operators	49	–	4	9	–	10	–	16	5	5	–	...	...
Keypunch operators	240	18	16	27	13	39	62	34	26	5	–	4 113	4 773
Payroll and timekeeping clerks	318	12	4	13	15	33	90	82	51	18	–	4 911	5 299
Receptionists	343	24	14	23	64	99	62	36	15	6	–	3 470	3 904
Secretaries	3 125	156	185	265	305	495	694	597	246	162	20	4 226	4 747
Stenographers	121	–	3	19	10	16	20	38	10	5	–	4 625	...
Telephone operators	518	18	52	70	81	86	119	49	28	15	–	3 442	4 343
Typists	834	90	67	93	66	182	170	143	23	–	–	3 555	4 333
Other clerical and kindred workers	2 703	255	222	326	290	470	425	398	167	144	6	3 550	4 453
Craftsmen and kindred workers	879	24	40	125	99	145	134	117	68	100	27	4 049	4 829
Foremen, n.e.c.	186	–	–	33	–	25	38	10	26	45	9	4 921	6 135
Operatives, except transport	5 878	264	340	704	779	1 018	1 336	869	405	148	15	3 837	4 553
Assemblers	1 457	32	100	223	268	267	320	155	70	22	–	3 395	4 486
Bottling and canning operatives	23	6	–	–	5	–	5	7	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	543	4	22	19	29	90	193	112	46	24	4	4 557	4 790
Dressmakers and seamstresses, except factory	115	5	21	9	24	19	22	15	–	–	–	2 938	...
Laundry and drycleaning operatives, including ironers	265	23	8	62	67	70	15	20	–	–	–	2 590	3 093
Graders and sorters, manufacturing	86	–	–	–	11	9	–	15	23	28	–	...	...
Packers and wrappers, except produce	379	32	28	84	56	81	45	43	10	–	–	2 813	3 986
Sewers and stitchers	60	5	12	10	10	13	5	5	–	–	–	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	1 457	92	57	195	124	231	355	237	120	35	11	4 083	4 557
Miscellaneous and not specified operatives	1 493	65	92	102	185	238	376	260	136	39	–	4 172	4 801
Manufacturing	1 379	65	69	82	166	209	364	254	131	39	–	4 271	4 862
Durable goods	711	11	27	45	88	111	201	150	60	18	–	4 366	4 820
Machinery, including electrical	324	5	14	24	42	30	106	70	29	4	–	4 443	4 757
Other durable goods	387	6	13	21	46	81	95	80	31	14	–	4 279	4 893
Nondurable goods, including not specified manufacturing	668	54	42	37	78	98	163	104	71	21	–	4 153	4 906
Food and kindred products	71	10	9	6	–	24	12	10	–	–	–	...	...
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	114	–	23	20	19	29	12	6	5	–	–	2 737	...
Transport equipment operatives	81	22	12	9	–	15	9	5	9	–	–	...	...
Laborers, except farm	511	46	63	69	78	90	71	38	13	40	3	2 994	3 630
Farmers and farm managers	75	10	12	–	27	–	6	6	–	14	–	...	...
Farm laborers and farm foremen	204	109	44	10	19	16	6	–	–	–	–	468	...
Paid farm laborers and farm foremen	204	109	44	10	19	16	6	–	–	–	–	468	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	5 826	812	885	1 257	909	944	522	294	117	72	14	1 967	3 222
Cleaning service workers	1 029	111	128	268	211	175	90	36	5	5	–	2 036	2 807
Chambermaids and maids	202	35	41	23	55	34	14	–	–	–	–	2 036	2 813
Food service workers	2 374	415	456	617	384	263	133	45	17	40	4	1 512	2 648
Cooks, except private household	611	48	59	142	141	123	69	23	6	–	–	2 401	3 081
Waiters and food counter workers	1 184	253	283	290	165	90	55	13	–	35	–	1 193	2 360
Health service workers	1 062	92	100	148	170	235	173	100	44	–	–	3 089	3 930
Nursing aides, orderlies, and attendants	587	55	74	96	104	133	94	19	12	–	–	2 659	3 609
Practical nurses	293	9	17	29	31	58	47	75	27	–	–	4 053	4 921
Personal service workers	787	129	88	153	85	174	54	47	37	15	5	2 276	3 464
Hairdressers and cosmetologists	474	11	40	92	57	147	42	30	35	15	5	3 252	3 513
Private household workers	745	265	142	180	91	42	6	6	8	5	–	879	1 873
Private household workers, living in	38	5	7	6	15	5	–	–	–	–	–	...	...
Private household workers, living out	707	260	135	174	76	37	6	6	8	5	–	846	1 848

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

Table 176. **Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
HARRISBURG SMSA													
Total													
Experienced civilian labor force	**66 152**	**4 163**	**4 723**	**7 891**	**7 265**	**11 092**	**11 538**	**7 599**	**4 906**	**5 546**	**1 429**	**3 814**	**4 558**
Professional, technical, and kindred workers	**9 266**	**352**	**405**	**672**	**789**	**807**	**772**	**766**	**1 259**	**2 789**	**655**	**6 056**	**6 564**
Accountants	367	–	4	19	16	29	79	58	62	83	17	5 629	5 905
Computer specialists	184	–	5	–	8	13	21	37	11	62	27	6 727	7 684
Librarians	313	28	37	18	18	26	10	32	41	52	51	5 609	5 500
Mathematical specialists	49	–	–	–	–	–	–	20	5	18	6	...	...
Life and physical scientists	38	–	5	–	–	–	–	4	–	29	–	...	...
Registered nurses, dietitians, and therapists	2 206	49	99	132	281	258	229	192	353	521	92	5 286	6 537
Dietitians	71	–	10	–	–	5	6	21	5	13	11	...	...
Registered nurses	2 074	49	89	123	281	249	223	171	328	489	72	5 135	6 490
Health technologists and technicians	306	5	9	–	15	42	29	92	40	65	9	5 576	5 848
Social scientists	8	–	–	–	–	–	–	–	–	4	4	...	...
Social and recreation workers	328	25	20	21	5	41	23	45	26	88	34	5 644	7 739
Teachers: College and university	109	10	10	11	4	5	–	4	5	33	27	7 500	...
Elementary and prekindergarten	2 272	48	52	189	223	111	130	88	366	979	86	6 806	6 911
Secondary	993	31	17	82	87	42	41	31	186	413	63	6 890	6 986
Other teachers	273	36	53	33	49	48	5	–	5	44	–	2 296	...
Engineering and science technicians	182	5	–	4	5	20	87	5	27	20	9	4 655	4 759
Technicians, except health, and engineering and science	22	–	–	–	–	5	–	5	5	7	–	...	...
Writers, artists, and entertainers	332	42	37	58	15	28	26	34	19	53	20	3 500	5 000
Actors and dancers	4	–	–	–	–	–	–	4	–	–	–	...	...
Authors, editors, and reporters	64	–	6	5	–	3	5	8	4	18	15	...	...
Other professional, technical, and kindred workers	1 284	73	57	105	63	139	92	119	108	318	210	5 950	6 844
Managers and administrators, except farm	**1 887**	**67**	**47**	**137**	**129**	**161**	**196**	**252**	**202**	**426**	**270**	**5 819**	**6 503**
Buyers, purchasing agents, and sales managers	269	10	5	7	16	50	22	35	25	80	19	5 700	6 640
Restaurant, cafeteria, and bar managers	143	12	5	16	37	14	18	6	13	12	10	3 107	...
School administrators	79	–	–	25	–	5	5	–	5	13	26	...	...
Other specified managers and administrators	612	17	17	54	32	46	82	119	24	126	95	5 487	5 886
Managers and administrators, n.e.c., salaried	567	5	14	24	19	24	47	57	124	163	90	6 754	6 935
Wholesale and retail trade	158	5	4	4	4	9	24	17	14	40	37	6 857	7 338
Managers and administrators, n.e.c., self-employed	217	23	6	11	25	22	22	35	11	32	30	4 977	5 433
Wholesale and retail trade	148	18	–	8	12	22	22	19	–	17	30	4 636	5 421
Sales workers	**4 900**	**751**	**809**	**1 078**	**692**	**756**	**384**	**184**	**81**	**92**	**73**	**1 826**	**3 314**
Demonstrators, hucksters, and peddlers	314	65	68	63	64	47	–	–	7	–	–	1 381	...
Insurance, real estate agents, and brokers	174	5	5	5	4	16	40	25	32	26	16	5 480	5 600
Sales clerks, retail trade	3 468	519	592	812	525	589	236	103	30	46	16	1 767	3 154
Salesmen, retail trade	126	4	35	37	6	–	18	7	–	5	14	1 649	...
Other sales workers	818	158	109	161	93	104	90	49	12	15	27	1 882	3 621
Clerical and kindred workers	**26 813**	**1 014**	**1 314**	**2 292**	**2 324**	**4 031**	**6 715**	**4 580**	**2 532**	**1 731**	**280**	**4 362**	**4 831**
Bank tellers	491	16	6	56	42	113	150	85	15	8	–	4 083	4 400
Bookkeepers	2 178	43	71	208	197	288	558	389	222	155	47	4 505	4 774
Cashiers	1 190	166	185	192	206	209	114	58	43	17	–	2 252	3 673
Counter clerks, except food	228	17	19	41	12	65	50	14	10	–	–	3 385	3 813
Enumerators and interviewers	51	6	–	–	13	6	11	6	–	6	3	...	...
File clerks	1 479	65	70	113	143	259	572	105	83	53	16	4 156	4 443
Office machine operators	1 466	16	27	82	119	247	473	322	109	71	–	4 512	4 793
Bookkeeping and billing machine operators	149	–	11	–	11	28	57	31	5	6	–	4 430	4 500
Keypunch operators	895	11	11	59	62	132	321	210	58	31	–	4 537	4 842
Payroll and timekeeping clerks	242	3	–	–	4	43	70	35	48	39	–	5 029	5 100
Receptionists	537	9	45	79	48	80	196	37	21	17	5	4 038	4 485
Secretaries	6 417	193	198	464	459	843	1 450	1 380	736	625	69	4 725	5 196
Stenographers	574	–	10	48	46	49	174	132	75	25	15	4 770	5 210
Telephone operators	678	43	55	38	47	75	134	137	110	31	8	4 604	5 226
Typists	3 933	122	189	354	306	666	1 085	818	297	96	–	4 304	4 778
Other clerical and kindred workers	7 349	315	439	617	682	1 088	1 678	1 062	763	588	117	4 318	4 843
Craftsmen and kindred workers	**1 141**	**74**	**35**	**87**	**90**	**258**	**217**	**161**	**90**	**100**	**29**	**4 122**	**4 580**
Foremen, n.e.c	291	–	5	11	9	62	56	56	35	52	5	5 045	5 098
Operatives, except transport	**9 881**	**294**	**455**	**814**	**1 328**	**3 260**	**2 104**	**1 010**	**467**	**133**	**16**	**3 629**	**4 045**
Assemblers	586	25	33	54	70	153	136	87	19	9	–	3 725	4 523
Bottling and canning operatives	27	–	–	12	–	15	–	–	–	–	–	...	–
Checkers, examiners, and inspectors; manufacturing	484	8	10	24	53	136	127	75	34	12	5	4 087	4 524
Dressmakers and seamstresses, except factory	132	4	10	17	24	50	18	9	–	–	–	3 220	...
Laundry and drycleaning operatives, including ironers	543	5	40	39	97	194	126	39	3	–	–	3 466	3 712
Graders and sorters, manufacturing	70	5	–	–	18	38	5	–	4	–	–	...	...
Packers and wrappers, except produce	1 063	35	31	72	109	228	178	216	175	19	–	4 317	5 053
Sewers and stitchers	3 050	68	105	232	473	1 294	626	145	74	30	3	3 500	3 766
Textile operatives	139	6	–	20	6	40	18	36	6	7	–	3 938	4 875
Other specified operatives	2 007	59	149	172	257	571	493	174	90	38	4	3 642	4 124
Miscellaneous and not specified operatives	1 780	79	77	172	221	541	377	229	62	18	4	3 630	4 146
Manufacturing	1 597	71	47	162	184	515	328	215	57	18	–	3 650	4 138
Durable goods	375	32	8	50	32	97	100	39	9	8	–	3 675	4 298
Machinery, including electrical	264	23	8	38	10	73	78	30	–	4	–	3 726	4 253
Other durable goods	111	9	–	12	22	24	22	9	9	4	–	3 521	...
Nondurable goods, including not specified manufacturing	1 222	39	39	112	152	418	228	176	48	10	–	3 644	4 058
Food and kindred products	315	6	5	69	49	38	56	64	28	–	–	3 750	5 074
Apparel and other fabricated textile products	372	22	6	15	53	188	52	30	6	–	–	3 479	3 645
Nonmanufacturing industries	183	8	30	10	37	26	49	14	5	–	4	3 250	4 205
Transport equipment operatives	**202**	**29**	**16**	**36**	**18**	**5**	**22**	**26**	**27**	**10**	**13**	**3 400**	**5 962**
Laborers, except farm	**615**	**25**	**65**	**74**	**90**	**117**	**135**	**40**	**36**	**33**	**–**	**3 457**	**4 120**
Farmers and farm managers	**64**	**16**	**–**	**20**	**5**	**15**	**–**	**4**	**–**	**4**	**–**	...	...
Farm laborers and farm foremen	**166**	**31**	**39**	**38**	**17**	**11**	**9**	**9**	**5**	**–**	**7**	**1 342**	...
Paid farm laborers and farm foremen	154	26	36	38	17	11	9	5	5	–	7	1 395	...
Unpaid family workers	12	5	3	–	–	–	–	4	–	–	–	...	...
Service workers, except private household[1]	**10 009**	**1 273**	**1 263**	**2 201**	**1 639**	**1 607**	**977**	**548**	**192**	**228**	**81**	**2 163**	**3 315**
Cleaning service workers	1 332	210	154	190	318	278	103	52	–	27	–	2 352	2 920
Chambermaids and maids	356	41	63	52	89	53	36	5	–	17	–	2 247	3 121
Food service workers	4 186	606	662	1 215	690	579	249	87	15	48	35	1 679	2 910
Cooks, except private household	1 000	72	82	333	171	199	94	21	10	14	4	2 076	3 266
Waiters and food counter workers	2 328	435	390	616	415	267	98	57	5	34	11	1 550	2 635
Health service workers	1 630	122	115	238	210	372	293	178	51	46	5	3 349	3 973
Nursing aides, orderlies, and attendants	807	54	92	116	114	235	100	78	14	4	–	3 117	3 692
Practical nurses	458	6	7	42	54	87	137	58	26	36	5	4 241	4 570
Personal service workers	1 386	98	117	228	240	198	211	122	88	66	18	3 051	4 115
Hairdressers and cosmetologists	837	41	56	165	151	113	92	84	73	54	8	3 049	4 275
Private household workers	**1 208**	**237**	**275**	**442**	**144**	**64**	**7**	**19**	**15**	**–**	**5**	**1 208**	**1 502**
Private household workers, living in	79	–	7	34	25	13	–	–	–	–	–	...	...
Private household workers, living out	1 129	237	268	408	119	51	7	19	15	–	5	1 146	1 452

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

Table 176. **Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
HARRISBURG SMSA—Continued													
Negro													
Experienced civilian labor force	4 454	300	259	565	668	801	722	608	268	217	46	3 543	4 051
Professional, technical, and kindred workers	247	4	9	21	25	30	22	34	34	52	16	5 368	...
Accountants	2	–	–	–	–	–	–	2	–	–	–	...	...
Computer specialists	10	–	–	–	–	–	–	5	–	–	5	...	...
Librarians	6	–	–	–	–	–	–	6	–	–	–	...	–
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	33	–	5	5	–	–	3	5	5	5	5	...	...
Dietitians	10	–	5	–	–	–	–	5	–	–	–	...	–
Registered nurses	23	–	–	5	–	–	3	–	5	5	5	...	...
Health technologists and technicians	6	–	–	–	–	6	–	–	–	–	–	...	–
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	29	–	–	5	–	9	–	11	–	4	–	...	...
Teachers: College and university	5	–	–	5	–	–	–	–	–	–	–	...	–
Elementary and prekindergarten	75	–	–	–	21	–	–	–	25	29	–	...	...
Secondary	8	–	–	–	4	–	–	–	–	4	–	...	–
Other teachers	4	–	4	–	–	–	–	–	–	–	–	...	...
Engineering and science technicians	4	–	–	–	–	4	–	–	–	–	–	...	...
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	6	–	–	–	–	–	6	–	–	–	–	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	59	4	–	6	–	11	13	5	4	10	6	...	...
Managers and administrators, except farm	65	–	–	–	5	–	10	13	8	20	9	...	...
Buyers, purchasing agents, and sales managers	30	–	–	–	–	–	5	6	4	15	–	...	...
Restaurant, cafeteria, and bar managers	–	–	–	–	–	–	–	–	–	–	–	–	–
School administrators	9	–	–	–	–	–	–	–	–	–	9	...	–
Other specified managers and administrators	22	–	–	–	5	–	5	7	–	5	–	...	...
Managers and administrators, n.e.c., salaried	4	–	–	–	–	–	–	–	4	–	–	...	...
Wholesale and retail trade	4	–	–	–	–	–	–	–	4	–	–	...	...
Managers and administrators, n.e.c., self-employed	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales workers	171	40	27	19	24	9	23	24	–	5	–	1 974	...
Demonstrators, hucksters, and peddlers	–	–	–	–	–	–	–	–	–	–	–	–	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales clerks, retail trade	100	24	22	10	15	5	9	10	–	5	–	...	...
Salesmen, retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	71	16	5	9	9	4	14	14	–	–	–	...	...
Clerical and kindred workers	1 736	29	44	70	195	366	374	365	166	116	11	4 439	4 822
Bank tellers	7	–	–	–	–	7	–	–	–	–	–	...	...
Bookkeepers	70	–	–	6	–	14	4	14	20	12	–	...	...
Cashiers	46	–	6	–	16	11	–	5	–	8	–	...	...
Counter clerks, except food	14	–	–	–	–	14	–	–	–	–	–	...	...
Enumerators and interviewers	3	–	–	–	3	–	–	–	–	–	–	...	–
File clerks	189	15	11	–	29	44	63	13	4	4	6	3 898	4 186
Office machine operators	152	–	–	–	4	16	59	36	20	17	–	4 949	5 065
Bookkeeping and billing machine operators	5	–	–	–	–	–	–	–	5	–	–	...	...
Keypunch operators	87	–	–	–	4	5	31	31	8	8	–	...	...
Payroll and timekeeping clerks	5	–	–	–	–	–	5	–	–	–	–	...	...
Receptionists	53	–	–	–	4	6	27	6	5	–	5	...	...
Secretaries	100	5	–	–	4	12	18	34	10	17	–	...	...
Stenographers	49	–	–	5	–	6	15	10	9	4	–	...	...
Telephone operators	36	–	11	–	–	7	14	4	–	–	–	...	...
Typists	297	9	–	14	30	62	69	82	31	–	–	4 486	4 931
Other clerical and kindred workers	715	–	16	45	105	167	100	161	67	54	–	4 245	4 723
Craftsmen and kindred workers	78	28	5	8	–	19	7	6	5	–	–	...	...
Foremen, n.e.c.	–	–	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	383	9	21	58	70	82	66	41	32	4	–	3 409	4 313
Assemblers	57	5	–	16	6	8	–	17	5	–	–	...	...
Bottling and canning operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	9	–	–	–	6	–	3	–	–	–	–	...	...
Dressmakers and seamstresses, except factory	–	–	–	–	–	–	–	–	–	–	–	–	–
Laundry and drycleaning operatives, including ironers	41	–	8	7	9	–	9	5	3	–	–	...	...
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	25	–	–	–	–	6	–	–	19	–	–	...	...
Sewers and stitchers	46	–	–	4	11	22	9	–	–	–	–	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	123	–	6	31	19	24	19	19	5	–	–	3 229	...
Miscellaneous and not specified operatives	82	4	7	–	19	22	26	–	–	4	–	...	...
Manufacturing	47	4	–	–	12	17	10	–	–	4	–	...	...
Durable goods	40	4	–	–	12	17	3	–	–	4	–	...	...
Machinery, including electrical	12	–	–	–	–	12	–	–	–	–	–	...	...
Other durable goods	28	4	–	–	12	5	3	–	–	4	–	...	–
Nondurable goods, including not specified manufacturing	7	–	–	–	–	–	7	–	–	–	–	...	–
Food and kindred products	–	–	–	–	–	–	–	–	–	–	–	–	–
Apparel and other fabricated textile products	7	–	–	–	–	–	7	–	–	–	–	...	–
Nonmanufacturing industries	35	–	7	–	7	5	16	–	–	–	–	...	...
Transport equipment operatives	15	–	–	–	–	–	5	10	–	–	–	...	...
Laborers, except farm	46	–	4	–	8	8	13	7	6	–	–	...	...
Farmers and farm managers	4	–	–	4	–	–	–	–	–	–	–	...	...
Farm laborers and farm foremen	20	4	6	10	–	–	–	–	–	–	–	...	...
Paid farm laborers and farm foremen	20	4	6	10	–	–	–	–	–	–	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household	1 204	135	60	158	267	253	195	104	2	20	10	2 933	3 359
Cleaning service workers	299	37	22	38	83	57	27	30	–	5	–	2 633	2 985
Chambermaids and maids	18	–	3	5	5	–	–	5	–	–	–	...	...
Food service workers	148	5	22	8	37	38	32	–	–	–	6	3 053	...
Cooks, except private household	80	5	5	–	21	25	24	–	–	–	–	...	...
Waiters and food counter workers	49	–	10	–	16	9	8	–	–	–	6	...	...
Health service workers	361	31	–	45	58	93	87	45	2	–	–	3 500	3 799
Nursing aides, orderlies, and attendants	233	9	–	25	47	73	57	20	2	–	–	3 486	3 794
Practical nurses	66	6	–	6	11	10	23	10	–	–	–	...	...
Personal service workers	82	3	–	3	32	19	5	5	–	15	–	...	...
Hairdressers and cosmetologists	35	–	–	–	15	–	5	–	–	15	–	...	...
Private household workers	485	51	83	217	74	34	7	4	15	–	–	1 500	1 535
Private household workers, living in	18	–	–	–	12	6	–	–	–	–	–	...	...
Private household workers, living out	467	51	83	217	62	28	7	4	15	–	–	1 459	1 487

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

Table 176. **Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
JOHNSTOWN SMSA													
Total													
Experienced civilian labor force	29 373	2 252	2 301	4 682	4 379	6 522	3 354	2 107	1 222	2 150	404	3 164	3 731
Professional, technical, and kindred workers	4 351	131	179	584	285	399	245	303	492	1 563	170	6 101	6 169
Accountants	56	7	10	5	4	–	5	–	9	5	11	...	...
Computer specialists	24	–	–	–	–	11	–	13	–	–	–	...	...
Librarians	136	27	11	10	–	5	5	4	–	70	4	7 257	...
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 269	12	22	146	134	232	104	92	200	290	37	4 851	6 332
Dietitians	19	–	–	–	–	12	–	–	–	–	7	...	...
Registered nurses	1 220	12	22	146	134	213	99	83	200	285	26	4 838	6 332
Health technologists and technicians	187	7	5	27	18	42	24	31	13	20	–	3 869	4 604
Social scientists	14	–	–	–	–	–	–	–	–	14	–	...	...
Social and recreation workers	103	–	6	4	13	9	9	5	15	37	5	6 367	...
Teachers: College and university	97	10	20	6	9	4	4	–	16	9	19	...	...
Elementary and prekindergarten	1 398	18	46	241	65	47	66	75	119	670	51	7 099	6 410
Secondary	591	8	22	65	22	–	–	36	78	342	18	7 566	8 027
Other teachers	76	5	13	8	10	–	5	5	–	30	–	...	...
Engineering and science technicians	37	9	–	6	–	5	9	8	–	–	–	...	...
Technicians, except health, and engineering and science	4	–	–	–	–	–	–	4	–	–	–	...	...
Writers, artists, and entertainers	107	28	11	25	–	15	14	9	–	5	–	1 580	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	29	5	–	5	–	15	–	4	–	–	–	...	...
Other professional, technical, and kindred workers	252	–	13	41	10	29	–	21	42	71	25	6 286	6 158
Managers and administrators, except farm	788	38	41	102	45	118	68	104	40	154	78	4 735	5 010
Buyers, purchasing agents, and sales managers	66	5	4	11	–	17	–	10	5	5	9	...	...
Restaurant, cafeteria, and bar managers	74	–	5	14	5	20	10	14	3	–	3	...	...
School administrators	54	–	5	10	–	–	5	–	5	16	13	...	...
Other specified managers and administrators	253	11	22	32	19	17	20	17	10	82	23	5 324	6 200
Managers and administrators, n.e.c., salaried	224	8	–	18	15	50	33	34	17	19	30	4 636	4 833
Wholesale and retail trade	96	8	–	6	–	16	14	22	11	9	10	...	...
Managers and administrators, n.e.c., self-employed	117	14	5	17	6	14	–	29	–	32	–	5 086	...
Wholesale and retail trade	81	14	5	11	–	9	–	25	–	17	–	...	...
Sales workers	2 417	382	199	504	629	414	134	76	33	36	10	2 196	2 871
Demonstrators, hucksters, and peddlers	116	45	32	14	14	6	–	5	–	–	–	703	...
Insurance, real estate agents, and brokers	23	–	–	–	–	–	15	4	–	4	–	...	...
Sales clerks, retail trade	1 986	285	148	401	565	364	100	57	33	23	10	2 281	2 869
Salesmen, retail trade	52	–	10	13	10	9	5	–	–	5	–	...	...
Other sales workers	240	52	9	76	40	35	14	10	–	4	–	1 776	2 724
Clerical and kindred workers	7 573	388	577	1 095	1 060	1 771	1 263	697	405	247	70	3 376	3 995
Bank tellers	231	–	20	15	30	76	62	28	–	–	–	3 664	4 016
Bookkeepers	996	17	71	134	122	263	201	82	68	26	12	3 586	3 962
Cashiers	750	73	93	142	116	140	79	37	65	–	5	2 578	3 672
Counter clerks, except food	115	3	23	7	23	30	18	–	–	7	4	3 050	...
Enumerators and interviewers	31	–	11	–	6	–	4	5	–	–	5	...	...
File clerks	134	36	9	11	14	42	14	4	–	4	–	2 786	...
Office machine operators	227	7	5	16	30	27	37	48	52	5	–	4 770	5 318
Bookkeeping and billing machine operators	50	7	–	–	12	9	17	5	–	–	–	...	...
Keypunch operators	143	–	5	12	18	5	14	43	46	–	–	5 407	5 744
Payroll and timekeeping clerks	64	–	4	4	4	3	24	16	–	9	–	...	...
Receptionists	225	24	23	7	41	53	56	16	–	5	–	3 330	4 000
Secretaries	2 482	93	126	378	331	670	441	200	103	120	20	3 467	3 977
Stenographers	178	7	20	10	23	33	42	10	28	5	–	3 879	4 284
Telephone operators	291	10	–	22	56	34	59	73	28	9	–	4 398	4 981
Typists	480	26	50	60	63	114	61	76	19	4	7	3 360	3 931
Other clerical and kindred workers	1 369	92	122	289	201	286	165	102	42	53	17	2 903	3 734
Craftsmen and kindred workers	503	44	35	39	40	91	84	77	36	24	33	4 030	4 853
Foremen, n.e.c.	207	–	–	–	4	34	48	61	27	15	18	5 287	5 600
Operatives, except transport	6 365	277	351	687	1 030	2 586	916	314	107	80	17	3 324	3 641
Assemblers	98	5	5	–	16	44	17	5	6	–	–	...	...
Bottling and canning operatives	7	–	–	7	–	–	–	–	–	–	–	...	–
Checkers, examiners, and inspectors; manufacturing	310	10	9	32	60	145	28	21	–	5	–	3 303	3 532
Dressmakers and seamstresses, except factory	69	8	5	14	–	31	11	–	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	515	17	18	38	124	223	66	24	–	–	5	3 271	3 530
Graders and sorters, manufacturing	14	4	–	–	–	10	–	–	–	–	–	...	...
Packers and wrappers, except produce	444	41	33	49	64	140	59	27	27	4	–	3 250	3 785
Sewers and stitchers	3 479	111	195	417	536	1 479	534	141	37	24	5	3 325	3 627
Textile operatives	24	–	–	4	–	10	–	–	5	5	–	...	...
Other specified operatives	686	29	25	52	106	233	142	53	13	33	–	3 562	3 791
Miscellaneous and not specified operatives	719	52	61	74	124	271	59	43	19	9	7	3 179	3 662
Manufacturing	657	52	45	65	118	245	59	38	19	9	7	3 198	3 709
Durable goods	112	8	10	5	26	21	7	13	15	–	7	3 333	...
Machinery, including electrical	28	–	–	–	10	5	–	9	4	–	–	...	...
Other durable goods	84	8	10	5	16	16	7	4	11	–	7	...	...
Nondurable goods, including not specified manufacturing	545	44	35	60	92	224	52	25	4	9	–	3 185	3 617
Food and kindred products	35	8	5	6	7	–	5	4	–	–	–	...	...
Apparel and other fabricated textile products	414	26	20	35	66	193	47	14	4	9	–	3 311	3 630
Nonmanufacturing industries	62	–	16	9	6	26	–	5	–	–	–	...	...
Transport equipment operatives	92	16	14	17	21	4	6	6	–	4	4	...	...
Laborers, except farm	222	16	34	43	34	35	24	18	3	15	–	2 529	3 239
Farmers and farm managers	84	19	13	4	32	10	–	–	–	2	4	...	...
Farm laborers and farm foremen	99	42	10	18	17	5	–	–	7	–	–	...	...
Paid farm laborers and farm foremen	83	26	10	18	17	5	–	–	7	–	–	...	...
Unpaid family workers	16	16	–	–	–	–	–	–	–	–	–	...	...
Service workers, except private household[1]	6 214	658	687	1 391	1 138	1 072	614	512	99	25	18	2 326	3 368
Cleaning service workers	1 024	116	94	303	212	179	92	17	–	6	5	1 997	2 553
Chambermaids and maids	225	33	10	66	51	42	11	12	–	–	–	2 069	2 579
Food service workers	2 409	361	339	677	510	340	96	54	14	5	13	1 745	2 826
Cooks, except private household	795	88	60	241	217	132	22	31	4	–	–	2 039	3 135
Waiters and food counter workers	1 093	194	222	322	198	124	14	14	5	–	–	1 405	2 145
Health service workers	1 397	76	103	168	256	360	247	156	31	–	–	3 265	3 825
Nursing aides, orderlies, and attendants	716	22	55	79	177	188	77	100	18	–	–	3 133	3 589
Practical nurses	458	35	21	46	58	120	133	41	4	–	–	3 575	4 179
Personal service workers	1 154	87	117	211	107	131	163	280	44	14	–	3 420	4 607
Hairdressers and cosmetologists	420	46	65	87	61	59	36	40	12	14	–	2 197	3 281
Private household workers	665	241	161	198	48	17	–	–	–	–	–	784	1 245
Private household workers, living in	67	14	18	29	6	–	–	–	–	–	–	...	...
Private household workers, living out	598	227	143	169	42	17	–	–	–	–	–	752	1 271

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
LANCASTER SMSA													
Total													
Experienced civilian labor force	50 722	3 741	3 907	7 479	6 137	9 029	8 151	5 793	2 849	2 832	804	3 454	4 303
Professional, technical, and kindred workers	6 360	327	331	730	557	642	562	537	790	1 512	372	5 058	5 952
Accountants	150	–	7	15	19	14	14	24	10	31	16	5 250	...
Computer specialists	48	7	–	–	–	–	9	11	–	15	6	...	...
Librarians	217	15	–	9	18	10	18	14	45	59	29	6 544	...
Mathematical specialists	14	–	–	–	–	–	–	5	–	9	–	...	...
Life and physical scientists	34	–	–	6	–	–	–	17	–	6	5	...	...
Registered nurses, dietitians, and therapists	1 612	34	66	179	190	260	225	153	206	255	44	4 342	5 442
Dietitians	18	–	4	–	–	–	14	–	–	–	–	...	...
Registered nurses	1 522	34	62	179	180	255	184	153	206	245	24	4 277	5 432
Health technologists and technicians	222	11	11	25	22	59	13	34	8	39	–	3 712	5 338
Social scientists	8	–	–	–	–	–	4	–	–	–	4	...	...
Social and recreation workers	186	3	5	14	–	13	38	45	24	23	21	5 444	5 853
Teachers: College and university	129	8	11	12	6	–	10	6	–	23	53	8 500	...
Elementary and prekindergarten	1 816	90	64	203	139	92	94	96	275	684	79	6 473	7 262
Secondary	639	12	12	84	53	67	37	24	82	238	30	6 372	...
Other teachers	306	50	44	54	48	20	10	18	15	30	17	2 104	6 433
Engineering and science technicians	201	5	5	24	–	27	40	22	50	16	12	4 988	6 174
Technicians, except health, and engineering and science	5	–	5	–	–	–	–	–	–	–	–	...	–
Writers, artists, and entertainers	278	57	63	34	33	19	11	17	29	7	8	1 559	3 846
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	71	11	9	8	22	–	5	3	9	4	–	...	...
Other professional, technical, and kindred workers	495	35	38	71	29	61	39	51	46	77	48	4 346	5 610
Managers and administrators, except farm	1 078	41	32	92	90	91	165	143	97	204	123	5 196	5 858
Buyers, purchasing agents, and sales managers	160	6	–	20	15	20	44	30	4	10	11	4 432	4 921
Restaurant, cafeteria, and bar managers	151	4	8	9	32	19	11	24	20	15	9	4 318	...
School administrators	40	–	–	20	–	–	6	–	4	–	10	...	...
Other specified managers and administrators	252	8	15	23	10	14	38	30	14	72	28	5 600	6 821
Managers and administrators, n.e.c., salaried	364	7	–	11	17	34	55	54	30	107	49	6 133	6 500
Wholesale and retail trade	158	7	–	–	12	9	30	20	–	60	20	7 050	7 175
Managers and administrators, n.e.c., self-employed	111	16	9	9	16	4	11	5	25	–	16	4 136	...
Wholesale and retail trade	79	16	9	9	10	4	5	–	14	–	12	...	...
Sales workers	3 515	518	438	856	606	670	157	85	91	48	46	1 936	2 982
Demonstrators, hucksters, and peddlers	237	65	35	64	33	30	5	–	–	5	–	1 289	...
Insurance, real estate agents, and brokers	99	12	10	–	6	10	5	3	24	19	10	...	...
Sales clerks, retail trade	2 659	392	338	664	498	552	106	41	46	13	9	1 903	2 862
Salesmen, retail trade	84	5	–	24	7	19	9	6	–	–	14	...	...
Other sales workers	436	44	55	104	62	59	32	35	21	11	13	2 242	3 263
Clerical and kindred workers	12 774	680	808	1 555	1 267	2 035	2 798	2 149	895	461	126	4 015	4 652
Bank tellers	271	–	12	24	18	37	84	67	24	5	–	4 530	4 877
Bookkeepers	1 676	65	46	165	178	270	442	314	97	84	15	4 258	4 562
Cashiers	888	98	167	190	169	110	68	51	23	–	12	1 942	2 948
Counter clerks, except food	185	6	24	17	20	44	48	12	9	5	–	3 580	4 337
Enumerators and interviewers	21	4	4	–	–	–	6	–	7	–	–	...	...
File clerks	261	4	26	58	19	20	35	77	22	–	–	4 100	5 118
Office machine operators	440	19	16	26	28	103	145	70	28	5	–	4 193	4 479
Bookkeeping and billing machine operators	76	–	6	–	6	19	29	9	7	–	–	...	...
Keypunch operators	297	15	10	26	17	62	95	51	16	5	–	4 195	4 519
Payroll and timekeeping clerks	284	5	–	30	–	35	77	91	41	5	–	4 935	5 020
Receptionists	376	39	28	52	53	52	84	41	21	–	6	3 308	4 169
Secretaries	3 809	141	188	423	317	685	856	713	261	187	38	4 176	4 773
Stenographers	166	7	–	15	15	16	42	44	12	10	5	4 714	5 159
Telephone operators	393	11	18	39	35	31	77	87	70	19	6	4 812	5 247
Typists	1 308	97	107	165	152	222	320	158	72	10	5	3 599	4 440
Other clerical and kindred workers	2 696	184	172	351	263	410	514	424	208	131	39	3 922	4 787
Craftsmen and kindred workers	1 346	56	73	154	116	232	263	186	82	154	30	4 160	4 774
Foremen, n.e.c.	336	–	5	8	9	49	74	73	46	54	18	5 315	5 375
Operatives, except transport	14 579	587	557	1 258	1 810	3 713	3 209	2 349	753	316	27	3 829	4 422
Assemblers	1 603	66	27	98	128	319	412	366	152	29	6	4 397	4 983
Bottling and canning operatives	22	4	6	–	5	–	–	7	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	1 649	39	26	118	79	269	480	464	136	38	–	4 611	4 929
Dressmakers and seamstresses, except factory	162	26	29	30	21	29	23	4	–	–	–	1 867	...
Laundry and drycleaning operatives, including ironers	461	29	38	32	107	144	76	22	13	–	–	3 170	3 632
Graders and sorters, manufacturing	52	5	–	5	16	17	4	5	–	–	–	...	...
Packers and wrappers, except produce	1 435	90	68	139	175	384	299	215	46	14	5	3 639	4 388
Sewers and stitchers	4 120	128	150	366	687	1 413	847	368	91	60	10	3 516	3 900
Textile operatives	317	5	–	16	49	85	66	47	17	32	–	4 053	4 566
Other specified operatives	2 125	102	74	223	256	519	441	346	112	46	6	3 785	4 409
Miscellaneous and not specified operatives	2 633	93	139	231	287	534	561	505	186	97	–	4 058	4 787
Manufacturing	2 496	68	114	213	267	513	543	495	186	97	–	4 134	4 826
Durable goods	1 229	29	32	62	82	193	306	339	129	57	–	4 708	5 226
Machinery, including electrical	502	11	11	13	45	75	177	150	20	–	–	4 542	4 888
Other durable goods	727	18	21	49	37	118	129	189	109	57	–	4 934	5 516
Nondurable goods, including not specified manufacturing	1 267	39	82	151	185	320	237	156	57	40	–	3 552	4 239
Food and kindred products	232	27	31	51	41	34	33	10	–	5	–	2 171	...
Apparel and other fabricated textile products	391	4	31	41	51	154	69	29	7	5	–	3 445	3 796
Nonmanufacturing industries	137	25	25	18	20	21	18	10	–	–	–	2 025	...
Transport equipment operatives	207	4	14	85	14	23	21	20	22	4	–	2 036	...
Laborers, except farm	708	45	35	125	115	186	128	39	17	15	3	3 183	3 620
Farmers and farm managers	139	28	10	19	15	26	12	15	5	4	5	2 833	...
Farm laborers and farm foremen	268	38	84	70	26	29	5	5	5	6	–	1 171	2 250
Paid farm laborers and farm foremen	227	23	75	58	26	24	5	5	5	6	–	1 267	...
Unpaid family workers	41	15	9	12	–	5	–	–	–	–	–	...	...
Service workers, except private household[1]	8 177	958	1 161	2 072	1 322	1 345	805	251	92	99	72	1 951	3 217
Cleaning service workers	1 227	190	201	302	192	223	92	24	–	3	–	1 737	2 621
Chambermaids and maids	393	58	64	97	85	76	5	5	–	3	–	1 768	2 933
Food service workers	3 785	421	591	1 169	705	475	258	100	24	11	31	1 753	2 969
Cooks, except private household	1 013	53	90	279	286	137	107	44	–	4	13	2 295	3 214
Waiters and food counter workers	1 883	251	368	620	305	201	83	25	9	7	14	1 520	2 565
Health service workers	1 591	114	160	301	217	383	301	73	25	9	8	3 009	3 704
Nursing aides, orderlies, and attendants	804	71	113	205	102	203	93	10	7	–	–	2 127	3 412
Practical nurses	631	25	37	71	95	150	173	45	18	9	8	3 583	4 169
Personal service workers	1 237	174	172	212	152	199	143	54	33	65	33	2 398	3 613
Hairdressers and cosmetologists	664	58	49	116	105	119	75	31	33	45	33	3 034	3 651
Private household workers	1 571	459	364	463	199	37	26	14	–	9	–	948	1 374
Private household workers, living in	87	5	18	22	15	3	10	14	–	–	–	...	...
Private household workers, living out	1 484	454	346	441	184	34	16	–	–	9	–	916	1 323

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

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

	Females with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA													
Total													
Experienced civilian labor force	**702 458**	**44 218**	**45 646**	**85 347**	**81 247**	**101 140**	**104 664**	**87 651**	**58 399**	**69 383**	**24 763**	**3 937**	**4 897**
Professional, technical, and kindred workers	**107 618**	**4 062**	**4 364**	**10 585**	**8 922**	**8 694**	**7 797**	**8 817**	**11 861**	**28 564**	**13 952**	**6 048**	**6 948**
Accountants	3 747	71	76	265	271	287	383	557	497	953	387	5 934	6 769
Computer specialists	1 532	4	35	44	39	59	115	189	142	483	422	7 863	8 661
Librarians	2 236	119	156	169	157	142	89	182	280	668	274	6 371	6 961
Mathematical specialists	328	–	9	25	11	8	44	47	18	131	35	7 046	7 925
Life and physical scientists	1 021	20	17	38	37	39	82	102	50	353	283	8 067	9 194
Registered nurses, dietitians, and therapists	22 721	671	778	1 960	2 404	2 301	1 967	2 094	2 602	6 591	1 353	5 611	7 067
Dietitians	842	26	18	63	42	103	103	111	75	193	108	5 595	6 790
Registered nurses	20 775	573	729	1 746	2 269	2 107	1 764	1 894	2 422	6 099	1 172	5 633	7 087
Health technologists and technicians	5 514	209	233	438	426	540	737	924	885	982	140	5 188	5 866
Social scientists	597	13	26	10	32	37	46	37	35	174	187	8 078	9 918
Social and recreation workers	4 143	174	122	287	326	334	378	480	392	1 197	453	5 939	7 640
Teachers: College and university	2 493	72	87	287	287	198	115	115	140	580	612	6 611	9 537
Elementary and prekindergarten	27 231	927	1 012	3 376	2 337	2 156	1 345	1 323	3 009	7 817	3 929	6 379	6 647
Secondary	10 851	364	322	1 194	780	571	388	501	1 419	3 413	1 899	6 920	7 396
Other teachers	2 479	267	376	395	271	189	191	120	103	401	166	2 744	7 006
Engineering and science technicians	2 447	56	66	153	153	170	299	380	367	646	157	5 859	6 747
Technicians, except health, and engineering and science	393	13	14	35	38	29	41	54	44	82	43	5 491	6 128
Writers, artists, and entertainers	5 448	484	478	630	522	416	448	503	531	861	575	4 433	6 160
Actors and dancers	127	5	24	10	12	14	6	10	15	18	13	3 893	...
Authors, editors, and reporters	1 540	106	83	146	169	90	106	163	190	334	153	5 429	6 631
Other professional, technical, and kindred workers	14 437	598	557	1 279	831	1 218	1 129	1 209	1 347	3 232	3 037	6 295	7 184
Managers and administrators, except farm	**20 311**	**499**	**522**	**1 501**	**1 105**	**1 651**	**2 238**	**2 674**	**2 272**	**4 433**	**3 416**	**5 987**	**6 607**
Buyers, purchasing agents, and sales managers	3 646	57	38	170	157	422	531	607	483	686	495	5 738	6 118
Restaurant, cafeteria, and bar managers	1 654	60	45	138	247	259	216	218	103	195	173	4 361	5 585
School administrators	1 380	29	6	404	50	13	33	84	116	170	475	6 612	7 016
Other specified managers and administrators	4 897	135	179	295	195	330	507	552	541	1 456	707	6 472	6 949
Managers and administrators, n.e.c., salaried	6 962	55	172	296	282	473	805	1 004	897	1 716	1 262	6 439	6 979
Wholesale and retail trade	2 333	24	64	67	124	214	310	463	280	447	340	5 785	6 275
Managers and administrators, n.e.c., self-employed	1 772	163	82	198	174	154	146	209	132	210	304	4 788	5 405
Wholesale and retail trade	1 215	124	40	160	110	83	98	144	116	139	201	4 923	5 456
Sales workers	**51 208**	**6 444**	**6 151**	**10 716**	**7 769**	**8 821**	**4 637**	**2 611**	**1 365**	**1 695**	**999**	**2 295**	**3 513**
Demonstrators, hucksters, and peddlers	1 147	326	240	185	129	94	48	23	25	48	29	1 041	2 027
Insurance, real estate agents, and brokers	2 409	115	132	257	217	190	330	387	254	280	247	4 889	5 727
Sales clerks, retail trade	38 130	4 851	4 726	8 719	6 148	7 177	3 202	1 561	718	720	308	2 125	3 346
Salesmen, retail trade	1 072	103	128	199	95	217	86	75	18	96	55	3 051	3 833
Other sales workers	8 450	1 049	925	1 356	1 180	1 143	971	565	350	551	360	2 758	3 970
Clerical and kindred workers	**272 454**	**12 986**	**14 181**	**25 945**	**25 829**	**34 272**	**51 592**	**48 200**	**30 462**	**25 100**	**3 887**	**4 446**	**5 212**
Bank tellers	4 927	129	211	503	518	595	1 187	1 019	504	249	12	4 428	4 939
Bookkeepers	27 998	720	939	2 281	2 319	3 413	5 362	5 208	3 428	3 754	574	4 807	5 379
Cashiers	15 719	1 783	1 854	2 863	2 442	2 302	1 891	1 231	776	509	68	2 557	3 978
Counter clerks, except food	3 652	329	349	520	591	733	414	351	192	137	36	3 050	3 930
Enumerators and interviewers	901	200	124	152	87	76	57	58	46	88	13	1 832	6 025
File clerks	9 914	816	862	1 360	1 025	1 692	1 893	1 231	613	369	53	3 528	4 604
Office machine operators	12 855	362	488	902	1 147	1 633	3 089	2 814	1 496	862	62	4 614	5 206
Bookkeeping and billing machine operators	1 381	27	59	116	123	232	359	230	154	72	9	4 372	4 870
Keypunch operators	8 199	262	302	593	795	906	1 947	1 845	991	527	31	4 638	5 283
Payroll and timekeeping clerks	3 369	86	64	170	201	331	699	786	533	432	67	5 170	5 490
Receptionists	6 112	439	405	871	656	954	1 431	879	282	165	30	3 718	4 509
Secretaries	74 442	1 909	2 322	5 098	5 518	7 207	13 908	16 948	11 292	9 154	1 086	5 074	5 541
Stenographers	2 636	52	73	188	290	217	505	525	456	285	45	4 986	5 577
Telephone operators	10 036	415	561	1 106	929	1 270	1 997	1 811	1 226	539	182	4 369	5 057
Typists	32 572	1 762	1 998	3 467	3 530	4 523	7 614	5 697	2 418	1 354	209	4 132	4 838
Other clerical and kindred workers	67 321	3 984	3 931	6 464	6 576	9 326	11 545	9 642	7 200	7 203	1 450	4 293	5 247
Craftsmen and kindred workers	**11 468**	**430**	**390**	**920**	**851**	**1 560**	**1 785**	**1 819**	**1 125**	**1 937**	**651**	**4 887**	**5 588**
Foremen, n.e.c.	3 287	35	45	71	110	319	512	603	474	857	261	5 915	6 240
Operatives, except transport	**112 809**	**4 894**	**5 245**	**10 166**	**14 670**	**26 081**	**23 282**	**15 668**	**7 493**	**4 607**	**703**	**3 822**	**4 525**
Assemblers	11 245	390	496	889	1 301	2 318	2 466	1 960	821	537	67	4 093	4 789
Bottling and canning operatives	482	28	24	48	46	68	113	100	45	10	–	4 239	5 053
Checkers, examiners, and inspectors; manufacturing	8 601	165	288	479	934	1 618	1 757	1 799	906	591	64	4 465	5 147
Dressmakers and seamstresses, except factory	2 188	134	146	298	247	440	425	281	135	63	19	3 611	4 310
Laundry and drycleaning operatives, including ironers	5 657	336	374	653	1 003	1 457	1 017	466	196	129	26	3 317	3 807
Graders and sorters, manufacturing	614	13	37	18	64	145	174	122	21	20	–	4 172	4 383
Packers and wrappers, except produce	14 003	754	805	1 379	1 638	3 153	2 512	1 851	1 304	538	69	3 769	4 613
Sewers and stitchers	27 578	895	836	2 295	4 044	7 766	6 144	3 334	1 460	707	97	3 736	4 327
Textile operatives	4 655	146	192	419	593	1 313	1 195	563	136	84	14	3 744	4 334
Other specified operatives	20 244	1 259	1 148	2 068	2 641	4 158	3 865	2 662	1 135	1 059	249	3 723	4 450
Miscellaneous and not specified operatives	17 542	774	899	1 620	2 159	3 645	3 614	2 530	1 334	869	98	3 911	4 654
Manufacturing	15 694	687	763	1 397	1 912	3 216	3 306	2 296	1 227	804	86	3 960	4 687
Durable goods	6 187	243	284	474	682	1 063	1 338	1 094	610	363	36	4 260	4 965
Machinery, including electrical	2 771	58	148	229	268	419	575	617	302	130	25	4 458	5 144
Other durable goods	3 416	185	136	245	414	644	763	477	308	233	11	4 110	4 798
Nondurable goods, including not specified manufacturing	9 507	444	479	923	1 230	2 153	1 968	1 202	617	441	50	3 779	4 505
Food and kindred products	1 613	64	93	166	207	239	388	239	129	84	4	4 097	4 884
Apparel and other fabricated textile products	2 226	87	87	238	410	650	390	237	89	33	5	3 448	4 094
Nonmanufacturing industries	1 848	87	136	223	247	429	308	234	107	65	12	3 538	4 287
Transport equipment operatives	**2 531**	**201**	**242**	**442**	**388**	**392**	**247**	**179**	**132**	**197**	**111**	**2 981**	**5 016**
Laborers, except farm	**5 352**	**550**	**425**	**738**	**637**	**873**	**894**	**509**	**370**	**307**	**49**	**3 373**	**4 228**
Farmers and farm managers	**799**	**111**	**39**	**209**	**86**	**75**	**124**	**49**	**60**	**24**	**22**	**2 471**	**2 575**
Farm laborers and farm foremen	**1 003**	**124**	**204**	**205**	**168**	**154**	**58**	**38**	**35**	**9**	**8**	**1 846**	**3 278**
Paid farm laborers and farm foremen	950	108	193	201	162	151	58	38	31	3	5	1 866	3 385
Unpaid family workers	53	16	11	4	6	3	–	–	4	6	3	...	...
Service workers, except private household[1]	**95 365**	**10 521**	**10 013**	**18 376**	**16 429**	**15 817**	**11 225**	**6 694**	**3 075**	**2 365**	**850**	**2 534**	**3 581**
Cleaning service workers	12 620	1 113	937	2 171	2 969	3 049	1 387	560	212	158	64	2 704	3 187
Chambermaids and maids	3 025	313	265	559	695	737	264	129	34	29	–	2 540	3 128
Food service workers	35 715	4 680	4 899	9 067	6 889	4 950	2 650	1 269	494	536	281	1 913	2 994
Cooks, except private household	5 601	294	390	1 384	1 219	1 012	644	329	88	189	52	2 601	3 715
Waiters and food counter workers	22 970	3 447	3 624	5 835	4 500	2 889	1 388	623	273	221	170	1 756	2 665
Health service workers	20 372	1 721	1 597	2 396	2 419	3 761	3 984	2 590	1 312	486	106	3 546	4 364
Nursing aides, orderlies, and attendants	9 769	995	908	1 251	1 288	1 914	1 835	1 013	411	119	35	3 231	4 126
Practical nurses	6 778	206	226	666	648	1 158	1 450	1 333	726	309	56	4 334	4 851
Personal service workers	13 476	1 314	1 232	2 062	2 057	2 207	1 829	1 263	674	563	275	3 033	4 097
Hairdressers and cosmetologists	7 297	462	450	1 105	1 317	1 254	994	711	415	378	211	3 251	4 050
Private household workers	**21 540**	**3 396**	**3 870**	**5 544**	**4 393**	**2 750**	**785**	**393**	**149**	**145**	**115**	**1 632**	**2 188**
Private household workers, living in	1 669	82	177	343	470	427	98	30	5	30	7	2 495	2 663
Private household workers, living out	19 871	3 314	3 693	5 201	3 923	2 323	687	363	144	115	108	1 563	2 125

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

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

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

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

Negro

	Females with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
Experienced civilian labor force	135 671	8 727	9 395	15 864	18 000	25 567	21 443	14 866	8 749	9 237	3 823	3 620	4 343
Professional, technical, and kindred workers	13 763	338	432	803	779	1 151	1 401	1 387	1 321	3 596	2 555	6 447	6 613
Accountants	410	4	28	3	10	47	31	53	71	124	39	6 408	6 864
Computer specialists	122	–	6	2	–	5	5	26	5	33	40	8 091	...
Librarians	188	–	5	–	–	13	6	43	21	74	26	7 243	...
Mathematical specialists	22	–	–	6	–	–	–	–	5	11	–	...	...
Life and physical scientists	103	–	6	–	–	5	4	6	–	59	23	8 551	...
Registered nurses, dietitians, and therapists	2 538	100	45	165	196	296	427	365	324	475	145	5 110	6 054
Dietitians	239	10	3	14	11	50	53	35	18	35	10	4 594	5 111
Registered nurses	2 152	78	42	133	182	226	334	315	301	418	123	5 257	6 190
Health technologists and technicians	822	20	46	30	43	92	172	181	105	116	17	5 044	5 451
Social scientists	47	–	9	–	–	5	4	4	–	4	21	...	...
Social and recreation workers	1 148	32	41	53	75	90	133	125	82	372	145	6 305	7 527
Teachers: College and university	205	6	6	36	28	4	4	7	7	49	58	7 276	...
Elementary and prekindergarten	3 669	45	75	229	134	268	169	167	271	1 214	1 097	8 178	8 111
Secondary	1 005	11	10	27	69	29	58	55	110	265	371	8 511	8 670
Other teachers	178	–	25	44	12	4	16	27	5	26	19	4 250	...
Engineering and science technicians	266	–	5	8	46	16	20	57	37	57	20	5 667	6 038
Technicians, except health, and engineering and science	52	6	4	–	–	–	11	5	17	9	–	...	...
Writers, artists, and entertainers	309	14	28	28	35	28	35	42	16	56	27	4 614	5 727
Actors and dancers	19	–	–	4	–	5	–	4	–	6	–	...	...
Authors, editors, and reporters	61	–	6	–	14	6	5	9	5	16	–	...	...
Other professional, technical, and kindred workers	2 679	100	93	172	131	249	306	224	245	652	507	6 263	6 538
Managers and administrators, except farm	2 009	54	45	122	156	223	237	279	143	424	326	5 600	6 254
Buyers, purchasing agents, and sales managers	304	–	4	–	11	36	36	59	21	89	48	6 286	6 619
Restaurant, cafeteria, and bar managers	164	19	6	9	31	31	36	17	–	10	5	3 548	4 259
School administrators	180	–	–	20	5	5	–	–	11	21	118	10000+	...
Other specified managers and administrators	731	11	16	44	65	64	92	91	76	183	89	5 808	6 642
Managers and administrators, n.e.c., salaried	508	16	19	16	35	64	65	81	35	116	61	5 481	6 096
Wholesale and retail trade	146	11	6	5	–	38	15	34	18	13	6	4 867	5 324
Managers and administrators, n.e.c., self-employed	122	8	–	33	9	23	8	31	–	5	5	3 478	...
Wholesale and retail trade	79	–	–	33	4	19	4	19	–	–	–	...	...
Sales workers	4 039	494	411	701	508	872	500	269	121	143	20	2 814	3 733
Demonstrators, hucksters, and peddlers	55	16	5	15	–	5	–	–	6	8	–	...	...
Insurance, real estate agents, and brokers	125	5	12	10	14	10	19	30	20	–	5	4 605	...
Sales clerks, retail trade	2 764	367	299	451	325	673	376	142	55	70	6	2 815	3 673
Salesmen, retail trade	80	14	9	19	5	23	5	–	–	5	–	...	...
Other sales workers	1 015	92	86	206	164	161	100	97	40	60	9	2 753	3 923
Clerical and kindred workers	35 836	1 843	2 054	3 046	3 515	5 992	6 877	5 579	3 741	2 773	416	4 213	5 022
Bank tellers	309	6	11	25	16	67	100	51	15	18	–	4 295	4 703
Bookkeepers	1 987	22	85	112	149	297	413	429	162	296	22	4 795	5 354
Cashiers	1 949	148	180	224	343	417	280	178	85	76	18	3 191	3 922
Counter clerks, except food	551	35	54	47	135	143	71	28	25	9	4	3 031	3 595
Enumerators and interviewers	174	16	14	24	19	13	19	10	19	40	–	4 053	...
File clerks	2 206	170	213	264	242	396	417	321	119	64	–	3 540	4 676
Office machine operators	2 917	93	92	192	269	401	762	645	306	143	14	4 540	5 136
Bookkeeping and billing machine operators	201	12	5	11	34	29	61	12	32	–	5	4 156	4 607
Keypunch operators	2 231	66	77	141	208	279	576	541	245	93	5	4 598	5 231
Payroll and timekeeping clerks	304	5	14	–	29	31	55	100	45	25	–	5 180	5 458
Receptionists	613	26	38	55	74	125	140	94	34	18	9	3 908	4 667
Secretaries	3 908	135	116	246	249	584	824	867	533	318	36	4 757	5 255
Stenographers	228	13	4	11	10	34	31	48	57	20	–	5 229	5 635
Telephone operators	1 541	80	94	169	148	262	349	187	173	64	15	4 050	4 790
Typists	4 729	301	347	390	375	704	1 033	840	493	220	26	4 240	4 975
Other clerical and kindred workers	14 420	793	792	1 287	1 457	2 518	2 383	1 781	1 675	1 462	272	4 152	5 145
Craftsmen and kindred workers	2 023	88	57	227	150	405	297	330	161	268	40	4 285	4 943
Foremen, n.e.c.	462	6	7	7	5	90	101	93	70	67	16	5 161	5 351
Operatives, except transport	30 444	1 605	1 446	2 616	4 624	8 003	6 333	3 295	1 456	917	149	3 616	4 152
Assemblers	2 010	52	91	177	362	441	370	268	132	89	28	3 732	4 585
Bottling and canning operatives	143	21	4	16	5	31	30	23	8	5	–	3 823	...
Checkers, examiners, and inspectors, manufacturing	1 363	27	38	62	216	338	292	221	111	58	–	4 002	4 752
Dressmakers and seamstresses, except factory	590	48	17	50	85	125	119	69	55	17	5	3 760	4 494
Laundry and drycleaning operatives, including ironers	3 664	234	169	298	642	1 035	722	340	130	91	3	3 472	3 869
Graders and sorters, manufacturing	179	–	22	5	11	50	38	39	8	6	–	4 039	4 107
Packers and wrappers, except produce	2 686	136	190	332	374	733	564	206	113	38	–	3 424	4 021
Sewers and stitchers	7 961	229	228	575	1 114	2 510	1 912	861	350	148	34	3 731	4 183
Textile operatives	650	51	25	62	82	216	102	46	39	22	5	3 486	3 921
Other specified operatives	7 017	543	447	678	1 067	1 493	1 411	743	284	304	47	3 518	4 068
Miscellaneous and not specified operatives	4 181	264	215	361	666	1 031	773	479	226	139	27	3 567	4 214
Manufacturing	3 554	240	184	285	578	847	676	389	212	128	15	3 579	4 218
Durable goods	1 294	77	69	87	202	257	269	150	128	50	5	3 825	4 467
Machinery, including electrical	527	34	16	56	84	102	73	86	53	18	5	3 721	4 683
Other durable goods	767	43	53	31	118	155	196	64	75	32	–	3 894	4 398
Nondurable goods, including not specified manufacturing	2 260	163	115	198	376	590	407	239	84	78	10	3 471	4 060
Food and kindred products	422	42	14	53	78	41	80	60	25	25	4	3 585	4 854
Apparel and other fabricated textile products	880	15	41	83	159	311	166	72	23	10	–	3 457	3 803
Nonmanufacturing industries	627	24	31	76	88	184	97	90	14	11	12	3 514	4 188
Transport equipment operatives	406	29	22	11	41	101	50	34	32	62	24	3 990	4 375
Laborers, except farm	1 602	125	171	189	226	272	301	124	102	79	13	3 331	3 963
Farmers and farm managers	468	18	17	158	55	63	97	11	30	19	–	2 745	2 773
Farm laborers and farm foremen	395	33	103	96	63	44	25	9	14	3	5	1 641	...
Paid farm laborers and farm foremen	395	33	103	96	63	44	25	9	14	3	5	1 641	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household	29 111	2 184	1 877	3 758	4 423	6 314	4 733	3 274	1 506	870	172	3 366	3 940
Cleaning service workers	5 560	431	369	783	1 185	1 551	727	290	135	69	20	3 008	3 360
Chambermaids and maids	1 536	146	124	204	308	482	175	68	24	5	–	2 955	3 316
Food service workers	6 058	488	468	925	1 044	1 464	828	503	194	120	24	3 071	3 717
Cooks, except private household	1 736	70	78	264	328	409	311	162	49	62	3	3 313	4 044
Waiters and food counter workers	2 383	260	272	413	372	595	223	146	65	30	7	2 663	3 412
Health service workers	9 164	512	350	788	838	1 903	2 018	1 593	823	292	47	4 095	4 555
Nursing aides, orderlies, and attendants	4 914	355	215	478	544	1 079	1 124	757	270	83	9	3 802	4 362
Practical nurses	3 409	93	86	235	204	626	682	770	480	199	34	4 675	5 063
Personal service workers	2 982	245	265	435	463	536	413	350	123	95	57	3 155	4 154
Hairdressers and cosmetologists	1 144	104	89	226	200	158	111	125	39	61	31	2 765	3 708
Private household workers	15 575	1 916	2 760	4 137	3 460	2 127	592	275	122	83	103	1 752	2 251
Private household workers, living in	732	40	73	135	229	196	29	19	5	6	–	2 515	2 873
Private household workers, living out	14 843	1 876	2 687	4 002	3 231	1 931	563	256	117	77	103	1 714	2 205

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
PHILADELPHIA, PA.–N.J., SMSA—Continued													
Persons of Puerto Rican Birth or Parentage													
Experienced civilian labor force	3 241	279	180	285	443	671	646	377	124	194	42	3 646	4 403
Professional, technical, and kindred workers	272	33	12	29	11	21	46	12	28	74	6	4 652	4 783
Accountants	9	–	–	–	–	–	9	–	–	–	–	...	...
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	–	–	–	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	51	–	–	8	–	–	9	8	7	19	–	...	...
Dietitians	9	–	–	–	–	–	9	–	–	–	–	...	...
Registered nurses	42	–	–	8	–	–	–	8	7	19	–	...	...
Health technologists and technicians	15	–	–	–	–	8	–	–	–	7	–	...	...
Social scientists	22	–	–	9	–	5	–	–	–	8	–	...	...
Social and recreation workers	22	–	–	–	–	8	7	–	7	–	–	...	...
Teachers: College and university	–	–	–	–	–	–	–	–	–	–	–	–	–
Elementary and prekindergarten	58	22	–	–	11	–	12	–	5	8	–	...	...
Secondary	9	–	–	–	–	–	–	–	–	9	–	...	–
Other teachers	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineering and science technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	44	11	12	6	–	–	9	–	–	6	–	...	...
Actors and dancers	12	–	12	–	–	–	–	–	–	–	–	...	–
Authors, editors, and reporters	–	–	–	–	–	–	–	–	–	–	–	–	–
Other professional, technical, and kindred workers	42	–	–	6	–	–	–	4	9	17	6	...	...
Managers and administrators, except farm	64	–	12	5	17	6	7	5	–	12	–	...	...
Buyers, purchasing agents, and sales managers	5	–	–	5	–	–	–	–	–	–	–	...	–
Restaurant, cafeteria, and bar managers	–	–	–	–	–	–	–	–	–	–	–	–	–
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	41	–	12	–	12	–	7	5	–	5	–	...	...
Managers and administrators, n.e.c., salaried	7	–	–	–	–	–	–	–	–	7	–	...	...
Wholesale and retail trade	7	–	–	–	–	–	–	–	–	7	–	...	...
Managers and administrators, n.e.c., self-employed	11	–	–	–	5	6	–	–	–	–	–	...	...
Wholesale and retail trade	6	–	–	–	–	6	–	–	–	–	–	...	–
Sales workers	116	23	8	13	21	24	12	–	–	15	–	2 667	...
Demonstrators, hucksters, and peddlers	–	–	–	–	–	–	–	–	–	–	–	–	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales clerks, retail trade	63	–	8	13	6	24	12	–	–	–	–	...	...
Salesmen, retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	53	23	–	–	15	–	–	–	–	15	–	...	...
Clerical and kindred workers	584	52	15	49	73	112	129	103	28	23	–	3 920	4 648
Bank tellers	4	–	–	–	–	–	4	–	–	–	–	...	...
Bookkeepers	57	–	6	15	–	6	18	10	–	2	–	...	...
Cashiers	16	–	–	8	8	–	–	–	–	–	–	...	–
Counter clerks, except food	5	–	–	5	–	–	–	–	–	–	–	...	–
Enumerators and interviewers	11	–	–	–	–	11	–	–	–	–	–	...	...
File clerks	26	11	–	–	–	–	9	6	–	–	–	...	...
Office machine operators	18	–	–	–	–	6	–	12	–	–	–	...	...
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–	–
Keypunch operators	18	–	–	–	–	6	–	12	–	–	–	...	...
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	32	–	–	–	8	–	11	13	–	–	–	...	...
Secretaries	98	6	–	–	5	23	24	12	14	14	–	...	...
Stenographers	8	–	–	–	–	8	–	–	–	–	–	...	...
Telephone operators	16	–	–	–	–	8	–	8	–	–	–	...	...
Typists	96	18	–	–	19	7	29	16	7	–	–	...	...
Other clerical and kindred workers	197	17	9	21	33	43	34	26	7	7	–	3 430	3 919
Craftsmen and kindred workers	75	23	–	–	5	8	7	22	–	–	10	...	...
Foremen, n.e.c.	7	–	–	–	–	–	–	7	–	–	–	...	...
Operatives, except transport	1 691	68	92	153	258	453	368	177	55	52	15	3 606	4 251
Assemblers	52	–	–	18	7	8	12	7	–	–	–	...	...
Bottling and canning operatives	14	–	6	–	–	8	–	–	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	58	–	–	–	6	20	32	–	–	–	–	...	...
Dressmakers and seamstresses, except factory	28	–	–	4	–	10	6	8	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	52	–	21	8	6	–	–	17	–	–	–	...	–
Graders and sorters, manufacturing	8	–	–	–	–	–	–	8	–	–	–	...	...
Packers and wrappers, except produce	87	8	14	–	21	20	12	12	–	–	–	...	...
Sewers and stitchers	796	33	24	60	122	220	202	62	39	27	7	3 723	4 367
Textile operatives	37	7	5	3	–	22	–	–	–	–	–	...	–
Other specified operatives	285	7	5	40	43	89	45	29	–	19	8	3 534	3 852
Miscellaneous and not specified operatives	274	13	17	20	53	56	59	34	16	6	–	3 607	4 310
Manufacturing	252	13	17	20	53	41	59	34	9	6	–	3 561	4 390
Durable goods	106	6	–	–	35	18	15	23	9	–	–	3 667	...
Machinery, including electrical	29	–	–	–	6	–	–	23	–	–	–	...	...
Other durable goods	77	6	–	–	29	18	15	–	9	–	–	...	...
Nondurable goods, including not specified manufacturing	146	7	17	20	18	23	44	11	–	6	–	3 478	...
Food and kindred products	38	–	8	–	13	7	5	5	–	–	–	...	...
Apparel and other fabricated textile products	68	–	9	20	–	9	24	6	–	–	–	...	...
Nonmanufacturing industries	22	–	–	–	–	15	–	–	7	–	–	...	...
Transport equipment operatives	17	–	–	–	5	–	7	–	–	–	5	...	...
Laborers, except farm	40	7	12	–	–	–	15	6	–	–	–	...	...
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	21	–	–	6	–	5	–	–	–	10	–	...	...
Paid farm laborers and farm foremen	11	–	–	6	–	5	–	–	–	–	–	...	–
Unpaid family workers	10	–	–	–	–	–	–	–	–	10	–	...	...
Service workers, except private household[1]	346	73	29	26	42	42	55	52	13	8	6	3 071	4 094
Cleaning service workers	44	–	5	–	14	–	6	13	6	–	–	...	...
Chambermaids and maids	7	–	–	–	–	–	–	7	–	–	–	...	...
Food service workers	89	28	10	5	12	4	16	–	–	8	6	...	...
Cooks, except private household	24	–	–	–	12	4	–	–	–	8	–	...	...
Waiters and food counter workers	47	28	6	–	–	–	7	–	–	–	6	...	–
Health service workers	71	24	–	14	–	8	16	9	–	–	–	...	...
Nursing aides, orderlies, and attendants	64	17	–	14	–	8	16	9	–	–	–	...	...
Practical nurses	–	–	–	–	–	–	–	–	–	–	–	–	–
Personal service workers	106	–	14	7	16	30	17	22	–	–	–	3 533	...
Hairdressers and cosmetologists	82	–	14	7	8	30	7	16	–	–	–	...	...
Private household workers	15	–	–	4	11	–	–	–	–	–	–	...	...
Private household workers, living in	6	–	–	–	6	–	–	–	–	–	–	...	–
Private household workers, living out	9	–	–	4	5	–	–	–	–	–	–	...	...

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
PITTSBURGH SMSA													
Total													
Experienced civilian labor force	**290 780**	**21 860**	**21 422**	**41 011**	**36 360**	**44 187**	**39 970**	**29 683**	**21 586**	**27 422**	**7 279**	**3 560**	**4 521**
Professional, technical, and kindred workers	**49 066**	**2 112**	**2 138**	**5 040**	**4 412**	**4 104**	**3 406**	**3 538**	**6 071**	**14 317**	**3 928**	**5 939**	**6 665**
Accountants	1 280	30	80	73	105	109	144	189	174	284	92	5 524	6 371
Computer specialists	525	9	25	42	28	42	61	44	76	136	62	6 151	6 992
Librarians	1 107	58	67	96	104	95	52	68	94	319	154	6 144	6 981
Mathematical specialists	150	5	10	17	–	14	10	17	26	41	10	6 077	...
Life and physical scientists	285	16	10	14	20	20	17	10	24	111	43	7 311	8 250
Registered nurses, dietitians, and therapists	12 509	256	371	1 084	1 511	1 314	1 137	989	1 773	3 623	451	5 588	6 737
Dietitians	392	5	15	29	21	70	50	27	39	104	32	5 222	5 389
Registered nurses	11 497	235	339	990	1 444	1 187	1 002	914	1 645	3 364	377	5 603	6 771
Health technologists and technicians	2 292	56	106	156	205	342	334	330	331	390	42	4 841	5 462
Social scientists	179	4	6	9	17	–	–	15	27	54	47	7 639	7 980
Social and recreation workers	1 837	63	58	134	121	142	136	162	197	642	182	6 520	7 615
Teachers: College and university	1 290	61	84	130	101	179	64	49	80	256	286	5 531	8 546
Elementary and prekindergarten	12 538	550	395	1 653	1 074	914	458	538	1 534	4 414	1 008	6 448	6 793
Secondary	6 052	236	222	638	467	251	183	252	880	2 295	628	6 883	7 540
Other teachers	1 392	250	189	221	94	95	85	89	103	216	50	2 383	6 720
Engineering and science technicians	718	49	31	52	42	75	102	123	94	138	12	5 065	5 833
Technicians, except health, and engineering and science	68	4	–	4	–	8	10	23	9	10	–	...	...
Writers, artists, and entertainers	2 163	217	242	344	164	187	265	233	119	236	156	3 612	4 941
Actors and dancers	32	–	2	5	–	–	17	–	–	–	8	...	–
Authors, editors, and reporters	462	24	63	70	23	31	39	70	40	58	44	4 513	5 664
Other professional, technical, and kindred workers	4 681	248	242	373	359	317	348	407	530	1 152	705	6 088	6 900
Managers and administrators, except farm	**8 897**	**297**	**207**	**789**	**752**	**1 126**	**870**	**1 085**	**1 008**	**1 560**	**1 203**	**5 376**	**5 916**
Buyers, purchasing agents, and sales managers	1 640	28	28	63	144	253	183	226	275	285	155	5 535	5 941
Restaurant, cafeteria, and bar managers	946	26	42	102	202	137	110	136	46	73	72	3 737	4 906
School administrators	569	21	8	193	37	25	17	11	23	79	155	4 029	5 300
Other specified managers and administrators	1 747	30	58	163	95	188	141	240	189	436	207	5 827	6 281
Managers and administrators, n.e.c., salaried	3 123	40	49	141	207	448	347	381	416	597	497	5 865	6 346
Wholesale and retail trade	1 392	21	24	61	111	247	215	190	155	196	172	5 089	5 570
Managers and administrators, n.e.c., self-employed	872	152	22	127	67	75	72	91	59	90	117	3 907	3 873
Wholesale and retail trade	643	125	22	109	52	58	49	61	29	70	68	3 233	3 106
Sales workers	**29 695**	**4 234**	**3 538**	**6 038**	**5 513**	**5 265**	**2 350**	**1 073**	**556**	**736**	**392**	**2 188**	**3 236**
Demonstrators, hucksters, and peddlers	678	241	140	150	55	38	10	19	3	16	6	850	1 791
Insurance, real estate agents, and brokers	1 174	82	72	103	92	114	153	179	77	121	181	4 810	5 549
Sales clerks, retail trade	23 305	3 313	2 799	4 950	4 664	4 461	1 785	628	327	275	103	2 127	3 124
Salesmen, retail trade	677	55	96	146	86	133	76	15	12	53	5	2 483	3 738
Other sales workers	3 861	543	431	689	616	519	326	232	137	271	97	2 434	3 636
Clerical and kindred workers	**108 625**	**5 365**	**5 930**	**11 082**	**10 316**	**16 837**	**21 739**	**17 269**	**10 686**	**8 341**	**1 060**	**4 220**	**4 870**
Bank tellers	2 548	69	60	150	230	528	746	485	169	99	12	4 318	4 716
Bookkeepers	10 786	327	434	850	941	1 757	2 286	1 920	1 134	977	160	4 474	4 904
Cashiers	7 549	799	724	1 522	1 183	1 232	844	614	462	133	36	2 617	3 772
Counter clerks, except food	2 027	194	282	387	296	289	249	123	110	89	8	2 508	3 662
Enumerators and interviewers	366	57	49	53	36	21	58	32	23	25	12	2 667	5 438
File clerks	2 950	238	229	456	286	638	634	249	133	82	5	3 417	4 297
Office machine operators	4 955	111	156	492	407	776	1 174	1 040	520	256	23	4 456	5 013
Bookkeeping and billing machine operators	696	–	13	49	71	162	219	116	32	26	8	4 242	4 492
Keypunch operators	2 990	77	111	328	265	423	645	650	359	121	11	4 451	5 140
Payroll and timekeeping clerks	1 428	14	39	56	50	134	332	270	251	270	12	5 330	5 590
Receptionists	3 082	270	333	515	345	587	529	290	131	71	11	3 133	4 080
Secretaries	33 759	995	1 134	2 544	2 739	5 167	7 185	6 217	4 012	3 368	398	4 599	5 094
Stenographers	2 003	54	38	136	129	207	427	428	365	189	30	5 025	5 434
Telephone operators	3 902	174	161	440	311	493	809	796	439	199	80	4 460	4 950
Typists	10 616	517	759	1 198	994	1 807	2 383	1 602	834	491	31	4 014	4 688
Other clerical and kindred workers	22 654	1 546	1 532	2 283	2 369	3 201	4 083	3 203	2 103	2 092	242	4 097	4 929
Craftsmen and kindred workers	**3 692**	**152**	**134**	**410**	**443**	**648**	**521**	**369**	**280**	**525**	**210**	**4 113**	**5 053**
Foremen, n.e.c.	812	11	11	5	47	118	172	93	70	196	89	5 452	5 691
Operatives, except transport	**23 351**	**948**	**1 165**	**2 343**	**3 189**	**5 157**	**4 370**	**3 505**	**1 680**	**869**	**125**	**3 782**	**4 490**
Assemblers	2 640	49	72	187	237	432	565	637	290	160	11	4 607	5 270
Bottling and canning operatives	141	8	6	14	4	53	22	29	5	–	–	3 726	...
Checkers, examiners, and inspectors; manufacturing	1 693	37	28	68	95	226	430	480	219	100	10	4 913	5 276
Dressmakers and seamstresses, except factory	974	88	74	169	167	193	183	51	28	5	16	2 934	4 039
Laundry and drycleaning operatives, including ironers	2 424	124	184	393	577	755	226	117	28	15	5	2 886	3 358
Graders and sorters, manufacturing	218	8	–	16	25	38	23	73	35	–	–	4 957	5 431
Packers and wrappers, except produce	4 018	160	198	387	459	792	896	618	402	97	9	4 015	4 656
Sewers and stitchers	2 364	74	174	325	432	801	338	129	46	30	15	3 221	3 649
Textile operatives	87	5	8	5	15	43	11	–	–	–	–	...	...
Other specified operatives	3 997	189	184	401	572	742	704	555	357	257	36	3 879	4 676
Miscellaneous and not specified operatives	4 795	206	237	378	606	1 082	972	816	270	205	23	3 897	4 569
Manufacturing	3 902	107	171	222	473	918	857	727	229	175	23	4 070	4 658
Durable goods	1 817	19	58	75	129	360	382	437	183	157	17	4 700	5 331
Machinery, including electrical	666	–	10	35	46	85	125	208	79	73	5	5 154	5 453
Other durable goods	1 151	19	48	40	83	275	257	229	104	84	12	4 430	5 218
Nondurable goods, including not specified manufacturing	2 085	88	113	147	344	558	475	290	46	18	6	3 628	4 174
Food and kindred products	629	25	40	68	125	65	150	123	23	4	6	3 869	4 535
Apparel and other fabricated textile products	209	9	11	21	50	81	21	7	4	5	–	3 167	3 460
Nonmanufacturing industries	893	99	66	156	133	164	115	89	41	30	–	2 944	4 041
Transport equipment operatives	**1 060**	**68**	**80**	**337**	**198**	**123**	**64**	**30**	**17**	**123**	**20**	**2 227**	**4 142**
Laborers, except farm	**2 546**	**236**	**212**	**387**	**450**	**459**	**275**	**197**	**139**	**160**	**31**	**2 973**	**3 837**
Farmers and farm managers	**215**	**51**	**28**	**55**	**26**	**28**	**8**	**–**	**9**	**10**	**–**	**1 518**	**1 451**
Farm laborers and farm foremen	**294**	**52**	**34**	**106**	**44**	**12**	**20**	**14**	**12**	**–**	**–**	**1 575**	**2 435**
Paid farm laborers and farm foremen	262	32	29	106	44	12	20	14	5	–	–	1 660	...
Unpaid family workers	32	20	5	–	–	–	–	–	7	–	–	...	...
Service workers, except private household[1]	**55 804**	**6 542**	**6 431**	**12 061**	**9 951**	**9 922**	**6 211**	**2 533**	**1 100**	**756**	**297**	**2 288**	**3 335**
Cleaning service workers	8 797	715	870	1 809	1 704	2 037	1 189	247	109	97	20	2 589	3 186
Chambermaids and maids	1 834	159	188	393	330	466	199	44	11	29	15	2 536	3 211
Food service workers	23 871	3 598	3 442	6 626	4 403	3 244	1 567	495	243	152	101	1 739	2 785
Cooks, except private household	5 741	405	500	1 593	1 350	944	577	208	78	55	31	2 276	3 124
Waiters and food counter workers	12 343	2 183	2 103	3 520	2 297	1 318	526	182	97	65	52	1 536	2 390
Health service workers	11 333	752	783	1 310	1 730	2 876	2 187	1 107	387	137	64	3 380	3 945
Nursing aides, orderlies, and attendants	6 431	539	485	735	1 056	1 975	946	407	207	53	28	3 203	3 688
Practical nurses	3 201	111	147	341	362	494	954	580	119	61	32	4 153	4 572
Personal service workers	7 441	932	788	1 268	1 344	1 147	828	503	276	252	103	2 545	3 642
Hairdressers and cosmetologists	4 501	420	460	842	884	728	455	299	139	181	93	2 598	3 449
Private household workers	**7 535**	**1 803**	**1 525**	**2 363**	**1 066**	**506**	**136**	**70**	**28**	**25**	**13**	**1 186**	**1 593**
Private household workers, living in	574	44	84	184	156	70	31	–	–	–	5	1 864	2 100
Private household workers, living out	6 961	1 759	1 441	2 179	910	436	105	70	28	25	8	1 129	1 535

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
PITTSBURGH SMSA—Continued													
Negro													
Experienced civilian labor force	**21 040**	**2 106**	**1 929**	**2 971**	**2 953**	**3 760**	**3 164**	**1 885**	**1 057**	**968**	**247**	**3 149**	**3 941**
Professional, technical, and kindred workers	**2 227**	**89**	**108**	**131**	**170**	**242**	**337**	**274**	**265**	**484**	**127**	**5 133**	**5 755**
Accountants	66	–	9	–	–	3	3	18	7	26	–	...	...
Computer specialists	25	–	5	–	–	–	–	9	–	4	7	...	...
Librarians	24	–	4	–	–	–	4	–	–	7	9	...	...
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	6	–	–	–	–	–	–	–	–	6	–	...	–
Registered nurses, dietitians, and therapists	519	15	5	7	48	60	103	62	64	138	17	5 347	5 860
Dietitians	80	5	–	–	–	17	22	18	4	14	–	...	...
Registered nurses	387	10	5	7	43	40	62	39	47	117	17	5 679	6 308
Health technologists and technicians	229	6	5	18	13	48	60	37	9	33	–	4 408	4 688
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	324	4	13	28	17	27	45	43	47	67	33	5 651	6 705
Teachers: College and university	58	–	11	8	15	4	7	5	–	–	8	...	...
Elementary and prekindergarten	402	35	30	26	17	44	38	23	61	95	33	5 478	...
Secondary	156	–	5	11	14	5	20	14	35	52	–	6 257	...
Other teachers	62	9	–	–	5	5	–	18	10	15	–	...	...
Engineering and science technicians	30	4	6	–	5	10	–	–	–	5	–	...	...
Technicians, except health, and engineering and science	3	–	–	–	–	–	–	3	–	–	–	...	–
Writers, artists, and entertainers	55	–	8	5	–	11	14	11	–	6	–	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	25	–	8	–	–	4	8	5	–	–	–	...	...
Other professional, technical, and kindred workers	268	16	7	28	36	25	43	31	32	30	20	4 512	5 059
Managers and administrators, except farm	**287**	**4**	**6**	**19**	**21**	**67**	**17**	**31**	**56**	**36**	**30**	**5 306**	**6 196**
Buyers, purchasing agents, and sales managers	51	4	–	6	6	–	9	5	14	7	–	...	...
Restaurant, cafeteria, and bar managers	50	–	6	9	6	13	–	11	–	–	5	...	...
School administrators	11	–	–	–	–	–	–	–	6	5	–	...	...
Other specified managers and administrators	80	–	–	4	4	21	4	11	7	11	18	...	...
Managers and administrators, n.e.c., salaried	67	–	–	–	5	21	4	4	18	8	7	...	...
Wholesale and retail trade	26	–	–	–	5	10	–	4	7	–	–	...	...
Managers and administrators, n.e.c., self-employed	28	–	–	–	–	12	–	–	11	5	–	...	...
Wholesale and retail trade	17	–	–	–	–	12	–	–	5	–	–	...	...
Sales workers	**1 121**	**240**	**139**	**239**	**163**	**186**	**100**	**26**	**11**	**17**	**–**	**1 759**	**3 047**
Demonstrators, hucksters, and peddlers	19	8	6	–	–	5	–	–	–	–	–	...	...
Insurance, real estate agents, and brokers	15	–	–	–	5	5	–	–	–	5	–	...	...
Sales clerks, retail trade	851	187	103	198	130	120	74	21	6	12	–	1 684	2 965
Salesmen, retail trade	35	–	19	9	–	3	4	–	–	–	–	...	...
Other sales workers	201	45	11	32	28	53	22	5	5	–	–	2 446	3 321
Clerical and kindred workers	**5 324**	**500**	**388**	**493**	**570**	**927**	**1 040**	**775**	**355**	**243**	**33**	**3 767**	**4 616**
Bank tellers	115	–	–	–	13	41	48	9	–	4	–	4 073	...
Bookkeepers	263	–	22	13	22	40	87	53	19	3	4	4 397	4 803
Cashiers	270	38	28	46	35	80	8	19	11	5	–	2 657	3 575
Counter clerks, except food	65	–	4	18	4	5	21	9	–	–	4	...	...
Enumerators and interviewers	17	–	–	–	–	11	–	–	6	–	–	...	...
File clerks	223	40	32	16	31	37	36	21	5	5	–	2 758	...
Office machine operators	260	19	10	20	42	45	55	49	20	–	–	3 867	4 772
Bookkeeping and billing machine operators	38	–	–	7	4	–	16	11	–	–	–	...	...
Keypunch operators	176	19	10	13	28	40	16	30	20	–	–	3 450	...
Payroll and timekeeping clerks	18	–	–	–	–	5	–	10	–	–	3	...	...
Receptionists	152	23	6	11	5	31	43	21	6	6	–	4 000	...
Secretaries	1 039	79	53	102	83	169	235	187	73	53	5	4 143	4 736
Stenographers	64	7	–	–	9	5	11	16	7	9	–	...	...
Telephone operators	228	5	17	58	18	19	55	32	20	4	–	3 842	4 681
Typists	758	72	71	84	69	127	156	115	28	36	–	3 654	4 571
Other clerical and kindred workers	1 852	217	145	125	239	312	285	234	160	118	17	3 641	4 697
Craftsmen and kindred workers	**244**	**14**	**5**	**14**	**70**	**59**	**24**	**11**	**14**	**30**	**3**	**3 322**	**4 688**
Foremen, n.e.c.	53	5	–	–	–	17	8	11	5	7	–	...	...
Operatives, except transport	**1 932**	**88**	**154**	**214**	**265**	**481**	**299**	**281**	**94**	**52**	**4**	**3 509**	**4 015**
Assemblers	148	5	13	8	26	24	39	5	22	6	–	3 917	...
Bottling and canning operatives	4	–	–	–	–	4	–	–	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	82	–	7	5	–	28	11	20	6	5	–	...	...
Dressmakers and seamstresses, except factory	28	3	7	4	4	6	4	–	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	537	17	44	65	80	188	84	59	–	–	–	3 332	3 674
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	223	15	14	29	10	33	37	61	24	–	–	4 284	5 202
Sewers and stitchers	122	–	12	13	16	70	–	4	–	7	–	3 286	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	420	28	28	61	63	46	68	66	30	26	4	3 652	4 538
Miscellaneous and not specified operatives	368	20	29	29	66	82	56	66	12	8	–	3 488	3 679
Manufacturing	285	15	25	19	41	53	56	61	12	3	–	3 802	4 000
Durable goods	81	–	13	–	–	15	7	35	8	3	–	...	...
Machinery, including electrical	42	–	6	–	–	15	5	16	–	–	–	...	...
Other durable goods	39	–	7	–	–	–	2	19	8	3	–	...	...
Nondurable goods, including not specified manufacturing	204	15	12	19	41	38	49	26	4	–	–	3 395	...
Food and kindred products	51	–	–	11	14	8	9	5	4	–	–	...	...
Apparel and other fabricated textile products	8	–	–	–	5	3	–	–	–	–	–	...	–
Nonmanufacturing industries	83	5	4	10	25	29	–	5	–	5	–	...	...
Transport equipment operatives	**22**	**–**	**5**	**5**	**6**	**–**	**–**	**–**	**–**	**6**	**–**	**...**	**–**
Laborers, except farm	**244**	**44**	**24**	**30**	**34**	**39**	**14**	**14**	**19**	**18**	**8**	**2 706**	**3 882**
Farmers and farm managers	**32**	**–**	**–**	**28**	**–**	**4**	**–**	**–**	**–**	**–**	**–**	**...**	**...**
Farm laborers and farm foremen	**20**	**–**	**14**	**6**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**...**	**–**
Paid farm laborers and farm foremen	20	–	14	6	–	–	–	–	–	–	–	...	–
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**6 895**	**663**	**508**	**849**	**1 229**	**1 531**	**1 296**	**452**	**243**	**82**	**42**	**3 130**	**3 737**
Cleaning service workers	1 567	102	74	246	297	449	287	55	26	21	10	3 144	3 409
Chambermaids and maids	358	8	6	63	78	95	81	5	11	6	5	3 253	3 415
Food service workers	1 411	207	167	199	277	236	201	61	54	–	9	2 478	3 608
Cooks, except private household	442	34	26	49	126	63	68	46	21	–	9	2 889	3 962
Waiters and food counter workers	340	77	60	64	52	37	38	5	7	–	–	1 516	2 943
Health service workers	2 564	229	147	199	352	635	564	275	105	35	23	3 559	3 975
Nursing aides, orderlies, and attendants	1 701	190	121	126	233	558	328	53	75	8	9	3 323	3 692
Practical nurses	671	31	21	48	78	37	195	203	26	18	14	4 618	4 899
Personal service workers	739	59	76	119	145	119	132	50	29	10	–	2 797	3 978
Hairdressers and cosmetologists	213	7	31	45	16	56	36	5	10	7	–	3 134	...
Private household workers	**2 692**	**464**	**578**	**943**	**425**	**224**	**37**	**21**	**–**	**–**	**–**	**1 322**	**1 605**
Private household workers, living in	112	–	10	32	35	32	3	–	–	–	–	2 400	...
Private household workers, living out	2 580	464	568	911	390	192	34	21	–	–	–	1 283	1 569

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

Table 176. **Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970**—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
READING SMSA													
Total													
Experienced civilian labor force	50 409	3 218	3 430	6 657	6 456	10 153	8 729	5 033	2 869	3 015	849	3 536	4 291
Professional, technical, and kindred workers	5 625	264	200	586	454	451	418	409	714	1 723	406	6 043	6 536
Accountants	150	10	5	6	17	16	9	18	32	37	–	5 667	6 234
Computer specialists	18	–	–	8	5	–	–	–	–	5	–	...	...
Librarians	88	5	6	6	5	4	–	–	23	34	5	...	...
Mathematical specialists	32	–	–	6	7	–	5	5	–	9	–	...	...
Life and physical scientists	24	–	–	–	–	–	6	6	7	5	–	...	...
Registered nurses, dietitians, and therapists	1 553	37	16	157	152	192	174	131	255	413	26	5 370	6 504
Dietitians	24	–	–	–	5	–	4	–	–	10	5	...	...
Registered nurses	1 457	32	16	152	142	184	150	131	244	385	21	5 401	6 509
Health technologists and technicians	220	15	11	9	–	49	37	34	18	38	9	4 703	5 571
Social scientists	20	–	–	–	6	–	–	–	–	–	14	...	...
Social and recreation workers	223	31	33	5	16	17	15	20	24	62	–	4 633	7 310
Teachers: College and university	73	–	–	6	5	5	6	3	–	25	23	...	...
Elementary and prekindergarten	1 509	51	40	148	67	45	48	78	207	677	148	7 312	7 658
Secondary	698	23	17	126	53	21	17	27	88	234	92	6 739	7 421
Other teachers	195	23	25	30	23	19	15	25	11	21	3	2 848	...
Engineering and science technicians	122	19	6	–	–	10	10	27	24	21	5	5 593	...
Technicians, except health, and engineering and science	17	–	–	5	6	–	–	–	–	–	6	...	...
Writers, artists, and entertainers	201	13	7	25	52	17	31	16	10	14	16	3 206	4 580
Actors and dancers	17	–	–	6	–	–	11	–	–	–	–	...	...
Authors, editors, and reporters	35	4	–	5	4	–	12	–	10	–	–	...	...
Other professional, technical, and kindred workers	482	37	34	49	40	56	45	19	15	128	59	4 556	5 921
Managers and administrators, except farm	1 137	34	41	110	44	106	172	186	118	154	172	5 331	5 686
Buyers, purchasing agents, and sales managers	146	–	6	–	11	22	35	28	10	10	24	4 971	5 294
Restaurant, cafeteria, and bar managers	149	10	–	25	12	14	37	19	4	13	15	4 365	4 679
School administrators	66	–	–	11	–	–	–	6	–	14	35	...	...
Other specified managers and administrators	220	14	13	20	–	24	16	27	32	50	24	5 852	6 722
Managers and administrators, n.e.c., salaried	438	10	–	40	13	35	66	96	68	55	55	5 573	5 823
Wholesale and retail trade	192	5	–	11	–	35	40	40	30	20	11	5 125	5 233
Managers and administrators, n.e.c., self-employed	118	–	22	14	8	11	18	10	4	12	19	4 222	4 194
Wholesale and retail trade	69	–	16	12	8	6	6	6	4	5	6	...	...
Sales workers	3 365	472	467	780	603	541	219	140	70	30	43	1 953	2 962
Demonstrators, hucksters, and peddlers	149	42	29	39	11	4	10	4	10	–	–	1 090	...
Insurance, real estate agents, and brokers	71	–	4	–	7	15	10	14	13	8	–	...	...
Sales clerks, retail trade	2 672	368	345	673	477	459	175	98	41	15	21	1 926	2 981
Salesmen, retail trade	80	–	8	10	29	14	4	15	–	–	–	...	...
Other sales workers	393	62	81	58	79	49	20	9	6	7	22	1 922	2 764
Clerical and kindred workers	13 282	783	731	1 596	1 483	2 596	3 027	1 728	816	443	79	3 789	4 426
Bank tellers	438	10	9	52	69	104	139	28	22	5	–	3 760	4 125
Bookkeepers	1 506	55	43	134	138	307	334	224	178	82	11	4 228	4 594
Cashiers	970	164	135	262	126	105	95	68	12	–	3	1 710	3 113
Counter clerks, except food	164	5	19	27	42	33	24	4	5	5	–	2 738	...
Enumerators and interviewers	13	–	4	9	–	–	–	–	–	–	–	...	–
File clerks	399	24	22	69	28	142	79	24	11	–	–	3 398	3 827
Office machine operators	680	48	35	54	54	129	205	103	35	17	–	4 098	4 536
Bookkeeping and billing machine operators	86	6	4	14	14	4	32	12	–	–	–	...	...
Keypunch operators	447	24	26	31	40	83	139	61	26	17	–	4 140	4 582
Payroll and timekeeping clerks	171	11	11	17	10	27	57	11	14	13	–	4 167	4 500
Receptionists	305	23	23	59	45	103	39	9	4	–	–	3 024	3 527
Secretaries	3 929	133	171	401	397	741	962	641	277	169	37	4 126	4 606
Stenographers	81	14	–	4	5	10	9	36	–	3	–	...	...
Telephone operators	416	9	–	33	63	78	100	97	30	6	–	4 250	4 741
Typists	1 324	61	87	166	164	280	336	154	54	22	–	3 657	4 338
Other clerical and kindred workers	2 886	226	172	309	342	537	648	329	174	121	28	3 734	4 454
Craftsmen and kindred workers	1 130	49	38	78	113	147	280	159	118	119	29	4 500	4 979
Foremen, n.e.c.	413	–	–	–	20	26	137	61	86	58	25	5 385	5 615
Operatives, except transport	17 145	558	687	1 503	2 375	5 144	3 741	1 842	799	423	73	3 671	4 207
Assemblers	656	17	28	25	77	180	146	122	35	26	–	4 007	4 500
Bottling and canning operatives	37	8	9	–	5	6	4	5	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	1 304	35	36	85	121	298	287	238	157	42	5	4 268	4 842
Dressmakers and seamstresses, except factory	100	10	10	15	23	33	9	–	–	–	–	...	...
Laundry and drycleaning operatives, including ironers	493	8	20	41	78	195	115	15	11	10	–	3 510	3 785
Graders and sorters, manufacturing	43	–	–	5	3	13	22	–	–	–	–	...	...
Packers and wrappers, except produce	1 983	92	90	210	347	693	408	67	39	26	11	3 364	3 864
Sewers and stitchers	5 786	191	211	506	856	1 916	1 313	549	137	79	28	3 589	3 985
Textile operatives	2 187	64	72	196	263	688	585	233	48	32	6	3 725	4 240
Other specified operatives	2 091	83	101	190	297	504	447	231	167	67	4	3 743	4 383
Miscellaneous and not specified operatives	2 465	50	110	230	305	618	405	382	205	141	19	3 870	4 806
Manufacturing	2 316	47	102	194	277	576	383	377	200	141	19	3 934	4 928
Durable goods	1 003	12	37	53	57	151	155	289	148	86	15	5 126	5 522
Machinery, including electrical	713	–	23	36	37	52	119	237	143	66	–	5 378	5 689
Other durable goods	290	12	14	17	20	99	36	52	5	20	15	3 828	4 767
Nondurable goods, including not specified manufacturing	1 313	35	65	141	220	425	228	88	52	55	4	3 460	4 048
Food and kindred products	430	11	25	85	91	135	40	24	15	4	–	3 022	3 948
Apparel and other fabricated textile products	467	–	13	36	84	202	117	10	5	–	–	3 498	3 705
Nonmanufacturing industries	149	3	8	36	28	42	22	5	5	–	–	2 982	...
Transport equipment operatives	121	13	–	12	26	–	9	35	15	5	6	5 014	...
Laborers, except farm	654	39	86	78	107	144	83	70	31	16	–	3 118	4 066
Farmers and farm managers	76	15	4	26	9	11	–	6	–	5	–	...	...
Farm laborers and farm foremen	125	20	34	23	29	–	5	3	6	5	–	1 370	...
Paid farm laborers and farm foremen	101	15	25	23	24	–	5	3	6	–	–	1 457	...
Unpaid family workers	24	5	9	–	5	–	–	–	–	5	–	...	...
Service workers, except private household[1]	6 972	790	947	1 596	1 124	991	754	455	182	92	41	2 136	3 544
Cleaning service workers	945	114	124	201	134	194	104	45	23	6	–	2 250	3 204
Chambermaids and maids	183	25	32	35	34	44	8	5	–	–	–	1 986	...
Food service workers	3 104	353	568	914	563	350	199	73	43	16	25	1 690	2 871
Cooks, except private household	660	20	63	159	184	89	67	39	21	10	8	2 478	4 044
Waiters and food counter workers	1 676	223	349	537	282	159	77	24	11	6	8	1 495	2 252
Health service workers	1 401	73	89	290	189	231	288	170	42	21	8	3 258	4 350
Nursing aides, orderlies, and attendants	646	56	62	125	100	139	115	30	–	11	8	2 800	3 847
Practical nurses	483	5	10	135	46	34	107	104	32	10	–	4 107	4 847
Personal service workers	1 107	153	109	143	185	155	92	150	63	49	8	2 803	3 964
Hairdressers and cosmetologists	736	45	68	93	154	120	69	91	53	38	5	3 067	3 718
Private household workers	777	181	195	269	89	22	21	–	–	–	–	1 046	1 483
Private household workers, living in	36	6	5	13	4	3	5	–	–	–	–	...	...
Private household workers, living out	741	175	190	256	85	19	16	–	–	–	–	1 021	1 477

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
WILKES-BARRE–HAZLETON SMSA													
Total													
Experienced civilian labor force	**54 868**	**3 106**	**3 372**	**7 429**	**8 943**	**13 478**	**8 516**	**4 555**	**2 149**	**2 462**	**858**	**3 340**	**3 916**
Professional, technical, and kindred workers	**6 035**	**206**	**292**	**682**	**564**	**452**	**395**	**622**	**892**	**1 549**	**381**	**5 686**	**6 170**
Accountants	138	–	6	19	27	11	20	13	11	10	21	4 300	...
Computer specialists	7	–	–	–	–	–	7	–	–	–	–	...	–
Librarians	115	12	6	8	4	–	5	9	13	41	17	7 037	...
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	7	–	–	–	–	–	–	7	–	–	–	...	...
Registered nurses, dietitians, and therapists	1 925	25	120	183	213	189	139	316	384	290	66	5 296	6 116
Dietitians	16	–	–	–	–	4	6	–	–	6	–	...	...
Registered nurses	1 860	25	120	178	202	181	133	316	376	263	66	5 288	6 105
Health technologists and technicians	205	4	10	21	13	20	35	40	23	39	–	4 986	5 675
Social scientists	4	–	–	4	–	–	–	–	–	–	–	...	–
Social and recreation workers	202	22	14	15	9	13	4	21	19	59	26	6 158	7 389
Teachers: College and university	156	4	–	25	6	16	4	5	5	46	45	7 848	...
Elementary and prekindergarten	1 508	49	19	253	129	75	14	89	187	639	54	6 674	6 731
Secondary	771	29	14	77	57	11	39	42	143	301	58	6 815	7 019
Other teachers	126	–	13	4	18	22	5	24	11	17	12	5 042	...
Engineering and science technicians	53	–	15	–	–	18	10	5	–	–	5	...	...
Technicians, except health, and engineering and science	16	–	–	–	11	–	–	5	–	–	–	...	–
Writers, artists, and entertainers	211	33	21	27	26	15	40	9	9	16	15	2 942	...
Actors and dancers	10	5	–	–	5	–	–	–	–	–	–	...	–
Authors, editors, and reporters	75	3	–	11	15	–	17	5	–	9	15	...	...
Other professional, technical, and kindred workers	591	28	54	46	51	62	73	37	87	91	62	4 747	5 909
Managers and administrators, except farm	**1 221**	**41**	**33**	**137**	**89**	**127**	**171**	**130**	**97**	**218**	**178**	**5 096**	**5 545**
Buyers, purchasing agents, and sales managers	101	–	5	–	–	7	46	16	10	10	7	4 837	...
Restaurant, cafeteria, and bar managers	145	6	13	14	16	13	23	6	6	17	31	4 457	4 969
School administrators	65	–	–	42	–	–	–	4	–	9	10	...	...
Other specified managers and administrators	285	13	6	17	35	31	33	28	31	75	16	5 268	5 604
Managers and administrators, n.e.c., salaried	421	7	3	42	19	49	60	61	50	67	63	5 500	5 795
Wholesale and retail trade	173	7	3	21	–	19	31	25	22	25	20	5 220	5 725
Managers and administrators, n.e.c., self-employed	204	15	6	22	19	27	9	15	–	40	51	5 267	5 567
Wholesale and retail trade	126	9	6	17	14	21	9	10	–	14	26	3 810	3 690
Sales workers	**3 389**	**349**	**320**	**710**	**746**	**847**	**189**	**117**	**39**	**41**	**31**	**2 423**	**3 152**
Demonstrators, hucksters, and peddlers	31	9	–	14	–	8	–	–	–	–	–	...	...
Insurance, real estate agents, and brokers	92	–	–	20	5	20	20	5	17	–	5	...	...
Sales clerks, retail trade	2 830	267	302	560	675	758	142	73	13	26	14	2 424	3 103
Salesmen, retail trade	40	–	–	2	9	9	9	6	5	–	–	...	...
Other sales workers	396	73	18	114	57	52	18	33	4	15	12	1 939	3 244
Clerical and kindred workers	**12 022**	**544**	**825**	**1 495**	**1 207**	**2 859**	**2 423**	**1 635**	**574**	**364**	**96**	**3 679**	**4 250**
Bank tellers	357	10	16	28	27	145	92	30	–	9	–	3 672	3 848
Bookkeepers	1 820	40	77	161	181	482	428	315	90	40	6	3 936	4 276
Cashiers	796	124	115	156	154	134	40	54	10	–	9	2 019	3 111
Counter clerks, except food	78	6	5	14	5	15	19	14	–	–	–	...	...
Enumerators and interviewers	29	10	–	–	4	5	5	–	–	5	–	...	...
File clerks	393	50	63	79	54	58	45	39	5	–	–	2 083	3 802
Office machine operators	1 034	18	45	71	105	152	293	238	92	15	5	4 430	4 769
Bookkeeping and billing machine operators	131	5	10	6	5	41	41	23	–	–	–	3 963	...
Keypunch operators	805	13	35	50	85	79	216	215	92	15	5	4 650	5 015
Payroll and timekeeping clerks	270	–	4	22	20	77	68	51	21	–	7	4 176	4 467
Receptionists	244	15	16	36	38	77	46	11	–	5	–	3 221	3 400
Secretaries	2 682	67	149	296	254	646	634	351	122	138	25	3 890	4 393
Stenographers	149	–	6	11	21	30	32	23	18	8	–	4 203	...
Telephone operators	447	13	39	42	17	109	87	58	52	26	4	4 040	4 677
Typists	1 060	27	73	155	100	221	252	161	54	10	7	3 792	4 441
Other clerical and kindred workers	2 663	164	217	424	227	708	382	290	110	108	33	3 423	3 938
Craftsmen and kindred workers	**952**	**11**	**34**	**70**	**64**	**154**	**164**	**215**	**116**	**95**	**29**	**4 872**	**5 405**
Foremen, n.e.c.	451	–	–	4	28	58	67	160	63	47	24	5 428	5 555
Operatives, except transport	**23 517**	**945**	**807**	**2 557**	**4 844**	**7 720**	**4 610**	**1 473**	**345**	**134**	**82**	**3 338**	**3 827**
Assemblers	849	36	30	60	125	175	288	119	11	5	–	3 991	4 463
Bottling and canning operatives	11	–	–	–	6	–	5	–	–	–	–	...	...
Checkers, examiners, and inspectors; manufacturing	1 843	54	43	137	256	518	583	216	25	6	5	3 833	4 310
Dressmakers and seamstresses, except factory	124	–	11	36	31	18	24	4	–	–	–	2 484	...
Laundry and drycleaning operatives, including ironers	1 075	70	25	110	199	355	177	96	33	5	5	3 376	3 772
Graders and sorters, manufacturing	264	13	15	9	48	108	65	–	6	–	–	3 435	3 758
Packers and wrappers, except produce	2 112	81	83	202	287	778	462	210	9	–	–	3 518	3 931
Sewers and stitchers	11 020	382	378	1 373	2 778	3 701	1 696	433	166	66	47	3 162	3 621
Textile operatives	920	47	14	61	149	356	235	51	–	7	–	3 531	3 997
Other specified operatives	2 792	145	126	319	537	880	491	183	62	28	21	3 306	3 756
Miscellaneous and not specified operatives	2 507	117	82	250	428	831	584	161	33	17	4	3 453	3 922
Manufacturing	2 420	107	82	227	415	816	569	156	33	11	4	3 464	3 921
Durable goods	522	11	–	48	103	139	149	59	13	–	–	3 712	4 133
Machinery, including electrical	279	6	–	32	29	66	119	14	13	–	–	4 055	4 286
Other durable goods	243	5	–	16	74	73	30	45	–	–	–	3 363	3 828
Nondurable goods, including not specified manufacturing	1 898	96	82	179	312	677	420	97	20	11	4	3 414	3 866
Food and kindred products	98	–	–	12	6	37	33	5	–	5	–	...	...
Apparel and other fabricated textile products	800	32	38	98	196	249	130	42	5	6	4	3 145	3 807
Nonmanufacturing industries	87	10	–	23	13	15	15	5	–	6	–	...	...
Transport equipment operatives	**45**	**–**	**–**	**5**	**13**	**4**	**13**	**–**	**5**	**5**	**–**	**...**	**...**
Laborers, except farm	**463**	**35**	**58**	**42**	**52**	**173**	**52**	**32**	**4**	**–**	**15**	**3 257**	**3 586**
Farmers and farm managers	**101**	**5**	**10**	**24**	**8**	**21**	**8**	**4**	**12**	**4**	**5**	**3 167**	**...**
Farm laborers and farm foremen	**27**	**6**	**12**	**5**	**–**	**4**	**–**	**–**	**–**	**–**	**–**	**...**	**...**
Paid farm laborers and farm foremen	27	6	12	5	–	4	–	–	–	–	–	...	...
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	**6 413**	**825**	**809**	**1 517**	**1 239**	**1 059**	**479**	**327**	**65**	**52**	**41**	**2 045**	**2 963**
Cleaning service workers	1 183	142	146	334	265	180	54	46	10	–	6	1 909	2 477
Chambermaids and maids	253	56	20	64	54	43	11	5	–	–	–	1 789	2 850
Food service workers	2 478	419	392	719	478	273	75	87	20	6	9	1 595	2 435
Cooks, except private household	440	69	31	148	100	49	18	25	–	–	–	1 811	2 523
Waiters and food counter workers	1 451	269	282	405	297	115	30	37	11	–	5	1 431	2 333
Health service workers	1 242	96	116	159	208	338	186	92	19	17	11	3 124	3 644
Nursing aides, orderlies, and attendants	576	43	66	79	65	198	55	47	13	5	5	3 177	3 672
Practical nurses	379	15	17	57	76	69	102	24	6	7	6	3 355	3 713
Personal service workers	1 045	125	115	216	168	202	118	65	12	20	4	2 396	3 283
Hairdressers and cosmetologists	691	99	68	135	124	129	78	26	12	16	4	2 351	3 121
Private household workers	**683**	**139**	**172**	**185**	**117**	**58**	**12**	**–**	**–**	**–**	**–**	**1 165**	**1 476**
Private household workers, living in	92	–	17	41	21	5	8	–	–	–	–	...	...
Private household workers, living out	591	139	155	144	96	53	4	–	–	–	–	1 010	1 390

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

Table 176. Occupation of the Female Experienced Civilian Labor Force by Earnings in 1969 and Race: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
YORK SMSA													
Total													
Experienced civilian labor force	**51 263**	**3 313**	**3 665**	**6 675**	**6 788**	**10 337**	**9 275**	**4 760**	**2 468**	**3 322**	**660**	**3 502**	**4 179**
Professional, technical, and kindred workers	**5 849**	**244**	**251**	**606**	**581**	**424**	**530**	**504**	**677**	**1 778**	**254**	**5 572**	**5 846**
Accountants	185	–	4	14	–	8	47	35	21	44	12	5 557	5 788
Computer specialists	45	–	–	–	–	12	4	4	15	6	4	...	...
Librarians	132	10	5	4	14	12	11	5	26	45	–	6 192	...
Mathematical specialists	6	–	–	–	–	–	6	–	–	–	–	...	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	1 157	36	35	134	140	117	166	102	148	245	34	4 702	5 659
Dietitians	15	–	–	–	10	–	–	5	–	–	–	...	...
Registered nurses	1 114	36	35	134	124	117	161	97	144	241	25	4 689	5 698
Health technologists and technicians	201	–	20	19	29	6	36	9	15	67	–	4 736	6 500
Social scientists	10	–	–	–	–	–	–	6	–	–	4	...	...
Social and recreation workers	147	5	11	23	14	7	11	29	15	19	13	5 086	...
Teachers: College and university	125	5	–	22	15	–	7	8	15	30	23	6 367	...
Elementary and prekindergarten	1 785	49	41	137	175	69	46	117	232	830	89	7 096	7 067
Secondary	791	31	28	88	79	39	22	51	104	318	31	6 553	7 464
Other teachers	103	25	19	26	12	5	–	6	–	10	–	1 288	...
Engineering and science technicians	112	–	4	8	17	6	37	36	4	–	–	4 568	...
Technicians, except health, and engineering and science	10	–	–	–	–	–	5	–	5	–	–	...	...
Writers, artists, and entertainers	289	41	50	53	44	39	18	22	9	9	4	2 011	2 395
Actors and dancers	5	–	–	–	–	5	–	–	–	–	–	...	–
Authors, editors, and reporters	36	5	–	13	–	8	–	5	5	–	–	...	...
Other professional, technical, and kindred workers	751	42	34	78	42	104	114	74	68	155	40	4 662	5 125
Managers and administrators, except farm	**1 129**	**46**	**16**	**66**	**133**	**110**	**184**	**186**	**88**	**193**	**107**	**5 051**	**5 431**
Buyers, purchasing agents, and sales managers	197	–	11	11	4	40	38	28	28	32	5	4 855	5 161
Restaurant, cafeteria, and bar managers	159	16	–	13	39	5	28	12	15	17	14	4 232	...
School administrators	26	–	–	7	–	4	–	–	–	10	5	...	...
Other specified managers and administrators	239	–	–	18	22	30	40	45	11	59	14	5 211	5 444
Managers and administrators, n.e.c., salaried	383	10	–	9	27	31	67	101	28	60	50	5 470	5 821
Wholesale and retail trade	133	–	–	4	18	16	31	27	14	6	17	4 919	...
Managers and administrators, n.e.c., self-employed	125	20	5	8	41	–	11	–	6	15	19	2 720	2 923
Wholesale and retail trade	77	15	–	8	31	–	5	–	–	9	9	...	...
Sales workers	**3 743**	**514**	**552**	**778**	**696**	**777**	**260**	**78**	**30**	**27**	**31**	**2 040**	**3 068**
Demonstrators, hucksters, and peddlers	139	32	27	45	21	–	7	–	–	–	7	1 233	...
Insurance, real estate agents, and brokers	83	4	12	4	6	10	5	10	14	9	9	...	...
Sales clerks, retail trade	2 946	414	415	620	579	637	211	41	11	9	9	2 041	3 063
Salesmen, retail trade	76	6	9	20	16	21	–	4	–	–	–	...	...
Other sales workers	499	58	89	89	74	109	37	23	5	9	6	2 182	3 115
Clerical and kindred workers	**14 147**	**618**	**907**	**1 431**	**1 584**	**2 578**	**3 505**	**1 844**	**883**	**689**	**108**	**3 983**	**4 508**
Bank tellers	393	12	15	32	47	96	149	27	15	–	–	3 943	4 284
Bookkeepers	1 457	49	64	97	130	310	420	193	117	61	16	4 187	4 530
Cashiers	1 024	115	131	178	197	184	126	45	37	11	–	2 447	3 486
Counter clerks, except food	141	6	4	17	21	43	35	–	8	7	–	3 523	...
Enumerators and interviewers	39	–	–	14	–	–	6	7	6	6	–	...	...
File clerks	307	20	28	45	32	67	74	21	5	15	–	3 425	4 184
Office machine operators	600	30	45	24	33	96	160	99	73	35	5	4 450	4 843
Bookkeeping and billing machine operators	82	9	4	5	–	26	24	10	4	–	–	...	...
Keypunch operators	415	21	31	13	33	70	96	68	55	23	5	4 411	5 000
Payroll and timekeeping clerks	262	–	–	6	23	29	108	56	17	23	–	4 676	4 723
Receptionists	367	16	16	51	48	100	93	32	6	5	–	3 525	3 925
Secretaries	3 817	120	166	327	362	651	964	670	315	211	31	4 293	4 679
Stenographers	114	6	–	6	10	17	20	15	12	28	–	4 900	...
Telephone operators	470	33	5	66	47	70	120	99	21	9	–	4 117	4 536
Typists	1 422	57	103	164	200	218	396	150	77	57	–	3 858	4 554
Other clerical and kindred workers	3 734	154	330	404	434	697	834	430	174	221	56	3 782	4 501
Craftsmen and kindred workers	**1 298**	**40**	**42**	**81**	**143**	**235**	**282**	**193**	**90**	**158**	**34**	**4 383**	**4 753**
Foremen, n.e.c.	454	16	–	11	30	51	95	117	32	92	10	5 205	5 311
Operatives, except transport	**15 252**	**509**	**494**	**1 439**	**2 030**	**4 772**	**3 515**	**1 571**	**547**	**316**	**59**	**3 661**	**4 114**
Assemblers	812	14	15	80	94	199	192	145	40	28	5	4 021	4 740
Bottling and canning operatives	124	5	–	46	37	19	17	–	–	–	–	2 297	...
Checkers, examiners, and inspectors; manufacturing	1 209	24	52	79	114	305	361	162	68	44	–	4 084	4 447
Dressmakers and seamstresses, except factory	130	16	22	26	28	14	14	–	10	–	–	2 036	...
Laundry and drycleaning operatives, including ironers	649	19	15	82	106	215	112	80	9	5	6	3 477	3 875
Graders and sorters, manufacturing	110	–	–	17	28	35	21	–	9	–	–	3 286	...
Packers and wrappers, except produce	1 434	98	64	164	253	504	258	54	11	28	–	3 274	3 752
Sewers and stitchers	3 955	97	87	302	458	1 475	967	388	124	44	13	3 701	3 999
Textile operatives	1 173	34	20	69	143	339	348	126	64	25	5	3 945	4 353
Other specified operatives	2 959	132	149	235	418	897	623	301	85	104	15	3 608	4 098
Miscellaneous and not specified operatives	2 697	70	70	339	351	770	602	315	127	38	15	3 673	4 164
Manufacturing	2 543	66	53	307	328	733	566	310	127	38	15	3 706	4 197
Durable goods	943	31	5	31	61	227	271	208	72	27	10	4 430	4 725
Machinery, including electrical	321	–	–	4	16	56	50	138	41	6	10	5 250	5 447
Other durable goods	622	31	5	27	45	171	221	70	31	21	–	4 145	4 276
Nondurable goods, including not specified manufacturing	1 600	35	48	276	267	506	295	102	55	11	5	3 344	3 857
Food and kindred products	295	11	13	108	47	63	34	14	5	–	–	2 330	...
Apparel and other fabricated textile products	324	15	16	18	60	112	80	14	9	–	–	3 473	3 809
Nonmanufacturing industries	154	4	17	32	23	37	36	5	–	–	–	3 027	...
Transport equipment operatives	**338**	**30**	**26**	**59**	**80**	**40**	**37**	**36**	**5**	**20**	**5**	**2 675**	**4 323**
Laborers, except farm	**951**	**48**	**84**	**139**	**150**	**253**	**172**	**62**	**30**	**13**	–	**3 215**	**3 855**
Farmers and farm managers	**91**	**44**	**11**	**4**	**6**	**3**	–	**12**	**11**	–	–	...	...
Farm laborers and farm foremen	**155**	**25**	**44**	**49**	**18**	**5**	**10**	–	–	**4**	–	**1 173**	...
Paid farm laborers and farm foremen	145	25	44	44	18	5	5	–	–	4	–	1 080	...
Unpaid family workers	10	–	–	5	–	–	5	–	–	–	–	...	...
Service workers, except private household	**7 275**	**979**	**994**	**1 653**	**1 253**	**1 086**	**768**	**262**	**102**	**120**	**58**	**2 009**	**3 133**
Cleaning service workers	804	139	101	185	132	135	56	30	10	9	7	1 876	2 487
Chambermaids and maids	217	30	30	45	34	40	17	9	5	–	7	2 103	...
Food service workers	3 261	481	558	915	588	374	198	55	35	44	13	1 646	2 799
Cooks, except private household	1 020	67	86	331	249	140	80	30	10	14	13	2 104	3 335
Waiters and food counter workers	1 581	290	337	367	256	191	86	11	13	30	–	1 446	2 503
Health service workers	1 188	67	97	231	205	254	253	65	11	5	–	2 971	3 688
Nursing aides, orderlies, and attendants	451	20	54	108	96	95	72	6	–	–	–	2 453	3 253
Practical nurses	472	21	35	57	68	69	167	39	11	5	–	3 797	4 268
Personal service workers	1 194	165	119	154	230	218	137	78	33	33	27	2 691	3 451
Hairdressers and cosmetologists	806	95	61	86	164	134	107	66	33	33	27	2 982	3 643
Private household workers	**1 035**	**216**	**244**	**370**	**114**	**54**	**12**	**12**	**5**	**4**	**4**	**1 155**	**1 439**
Private household workers, living in	103	15	27	29	28	4	–	–	–	–	–	1 328	...
Private household workers, living out	932	201	217	341	86	50	12	12	5	4	4	1 141	1 405

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